MONTEREY PENINSULA WATER SUPPLY PROJECT

Test Slant Well Long Term Pumping Monitoring Report No. 51

13-April-16 - 20-April-16

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

April 26, 2016

PREPARED FOR:
California American Water

CALIFORNIA AMERICAN WATER

GEOSCIENCE Support Services, Inc., **Ground Water Resources Development**
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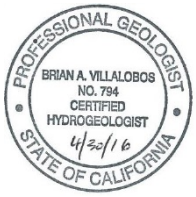

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CONTENTS

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 TRANDUCER 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
3-1 to 3-9	Graphical Plots of Groundwater Specific Conductivity
2-10	Water Elevation in CEMEX Dredge Pond
2-11	Groundwater Elevation in CEMEX North Well
2-12	Groundwater Elevation in MPWSP Test Slant Well
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 13-April-16 through 20-April-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. 51
13-APRIL-16 - 20-APRIL-16

1.0 GENERAL

1.1 Purpose and Scope

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

1.2 Monitoring Well Construction

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

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

1.3 Baseline Water Level and Water Quality Weekly Monitoring Reports

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

1.4 Test Slant Well Baseline Water Level and Quality Data

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

1.5 Test Slant Well Long Term Pumping Test Monitoring Reports

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

On June 5, 2015, the Test Slant Well was voluntarily shut off so that the HWG could evaluate regional trends in water levels and salinity. During the shut off period, CCC allowed for weekly maintenance pumping of 6-Hours per week to maintain the TSW in an operational condition. Long term pumping of the Test Slant Well resumed on October 27, 2015 under Coastal Development Permit Amendment No. A-3-MRA-14-0050-A1 dated 13-Oct-15 (Appendix A-2). This report summarizes monitoring performed for the period 13-April-16 through 20-April-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 11:53 pm for 35 hours, January 30, 2016 2:50 am for 8 hours, January 31, 2016 3:29 pm for 20 hours, and February 12, 2016 for 8 hours. The pump was turned off for 29 hours on March 1, 2016 for discharge

line repairs. On March 4, 2016 10:10 am the pump was turned off for discharge line repairs. The pump has not been turned on as of the date of this report.

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 wells 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.

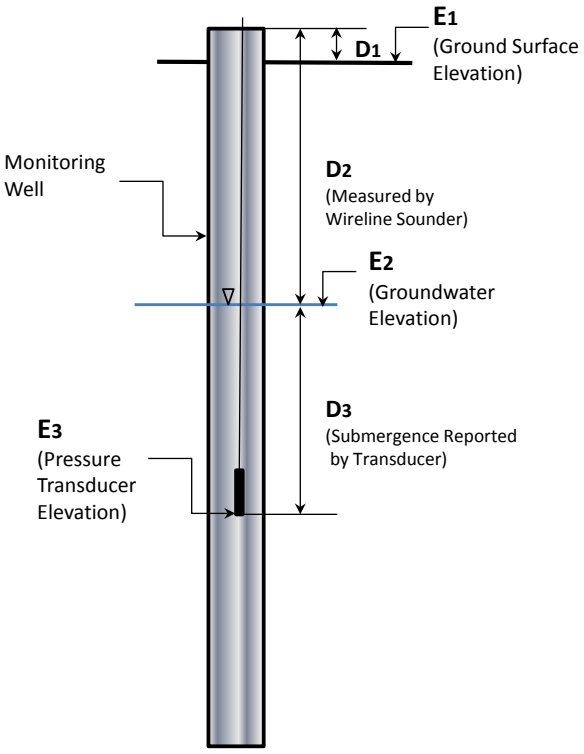
CEMEX's North Well collapsed on November 13, 2015. Monitoring of the North Well continued after the collapse for 15 weeks to evaluate whether water levels would equilibrate. Consistent shallow groundwater measurements indicate that the well screen is blocked and water levels in the well are no longer 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. 51 (this report), is the fifty-first of the weekly long-term pumping monitoring reports and

follows the weekly baseline monitoring reports, the last of which ended on 22-Apr-15 (Baseline Monitoring Report No. 7[1]).

2.0 CONVERSION OF TRANDUCER PRESSURE MEASUREMENTS TO GROUNDWATER ELEVATIONS

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



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

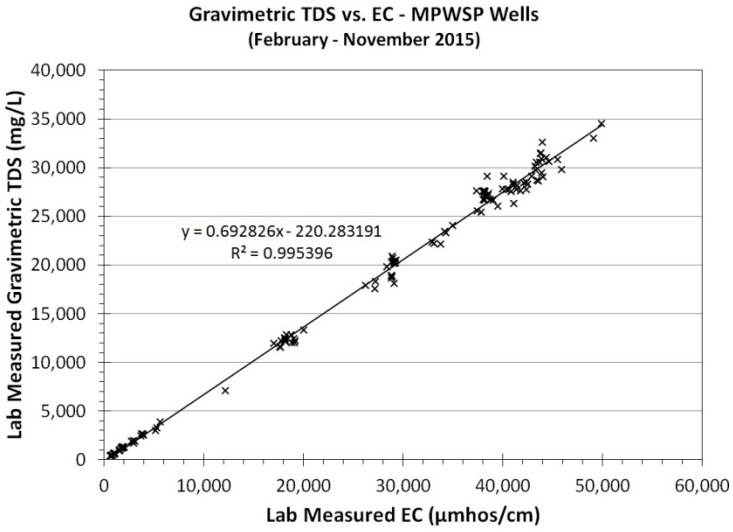
Once the transducer elevation has been established, ground water elevations in ft NAVD88 are calculated from transducer submergence readings (*D3*) (psi converted to ft) and depth to water measurements (*D2*) as follows:

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

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

[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 TSW pump sample collection from the TSW has resumed. Results of the TSW analyses can be found in Table 2.

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

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

FIGURES

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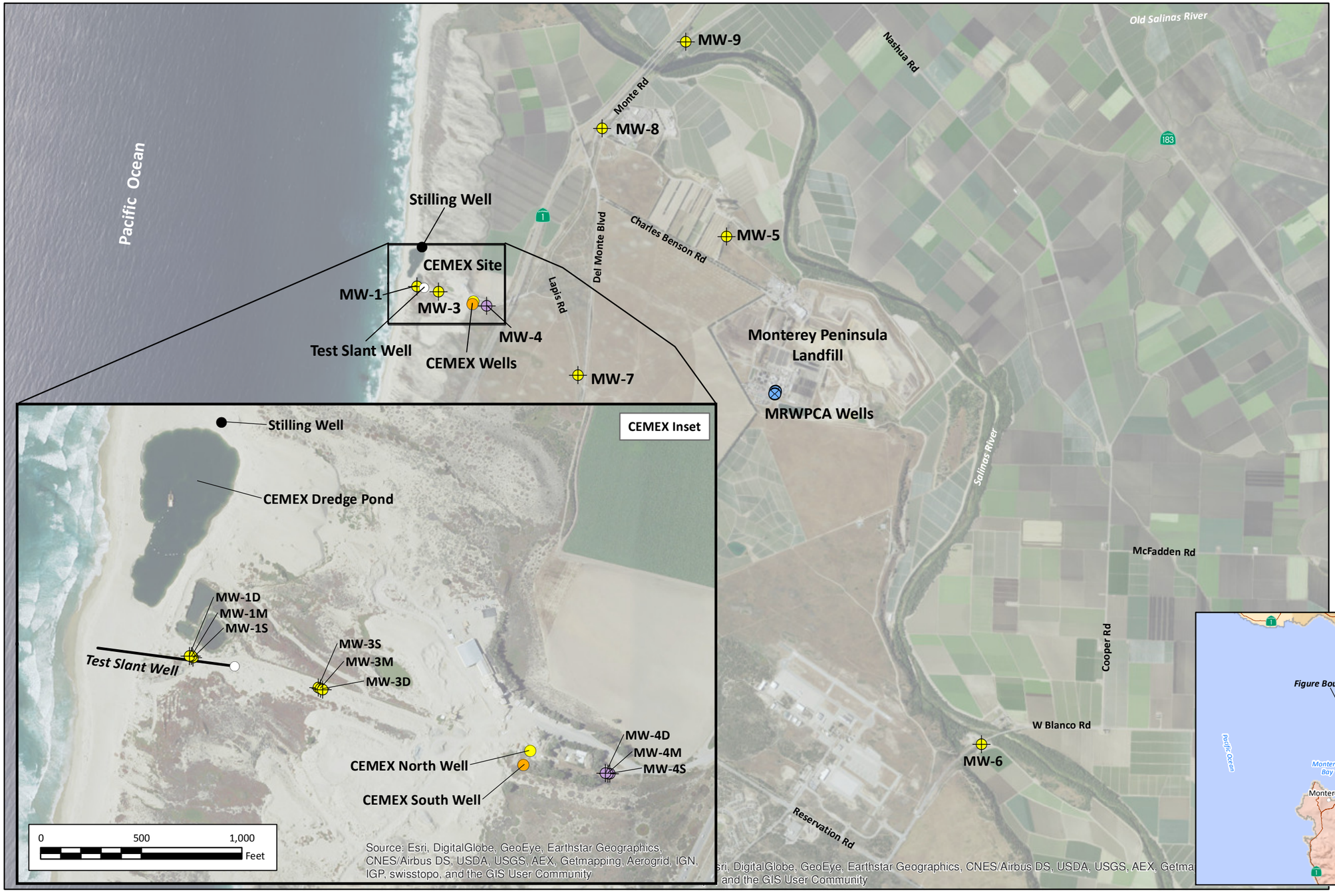
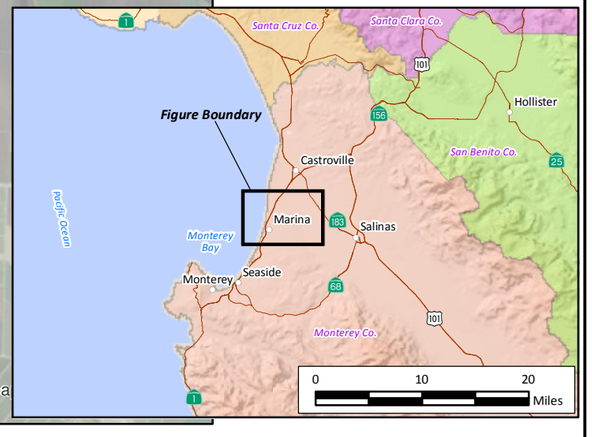
MPWSP GROUNDWATER MONITORING NETWORK



EXPLANATION

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

Regional Inset



NORTH

0 1,500 3,000 6,000 Feet

26-Apr-16

Prepared by: DB. Map Projection: State Plane 1983, Zone IV.

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Figure 1-1

GIS_proj/mcwsp_cal_am/rbf_wl_monitoring/Long-Term_Monitoring_Rpt_No51_4-26-16/1_Fig_1-1_MonWells_used_4-26-16.mxd

Groundwater Elevation in MPWSP MW-1

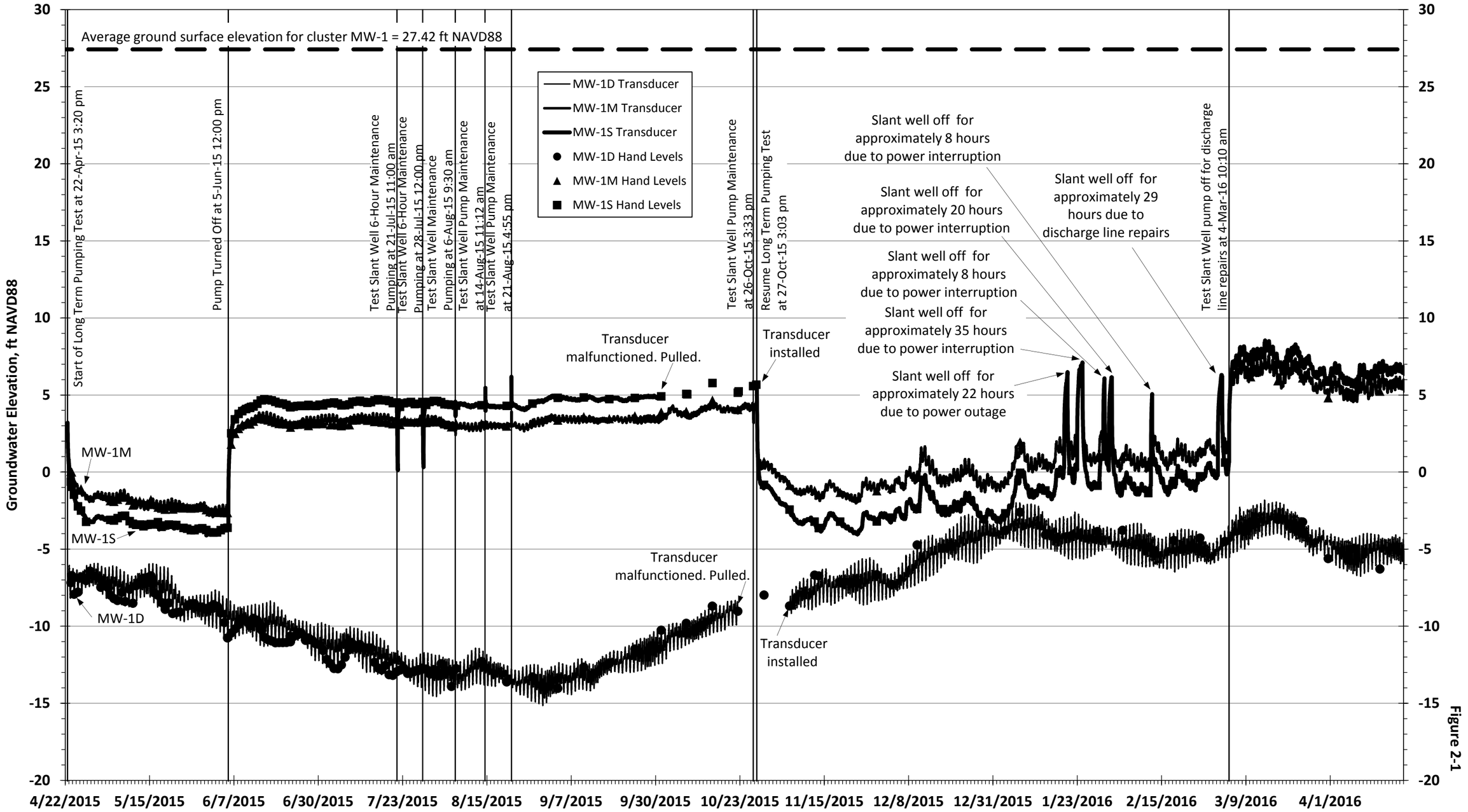

Figure 2-1

Groundwater Elevation in MPWSP MW-3

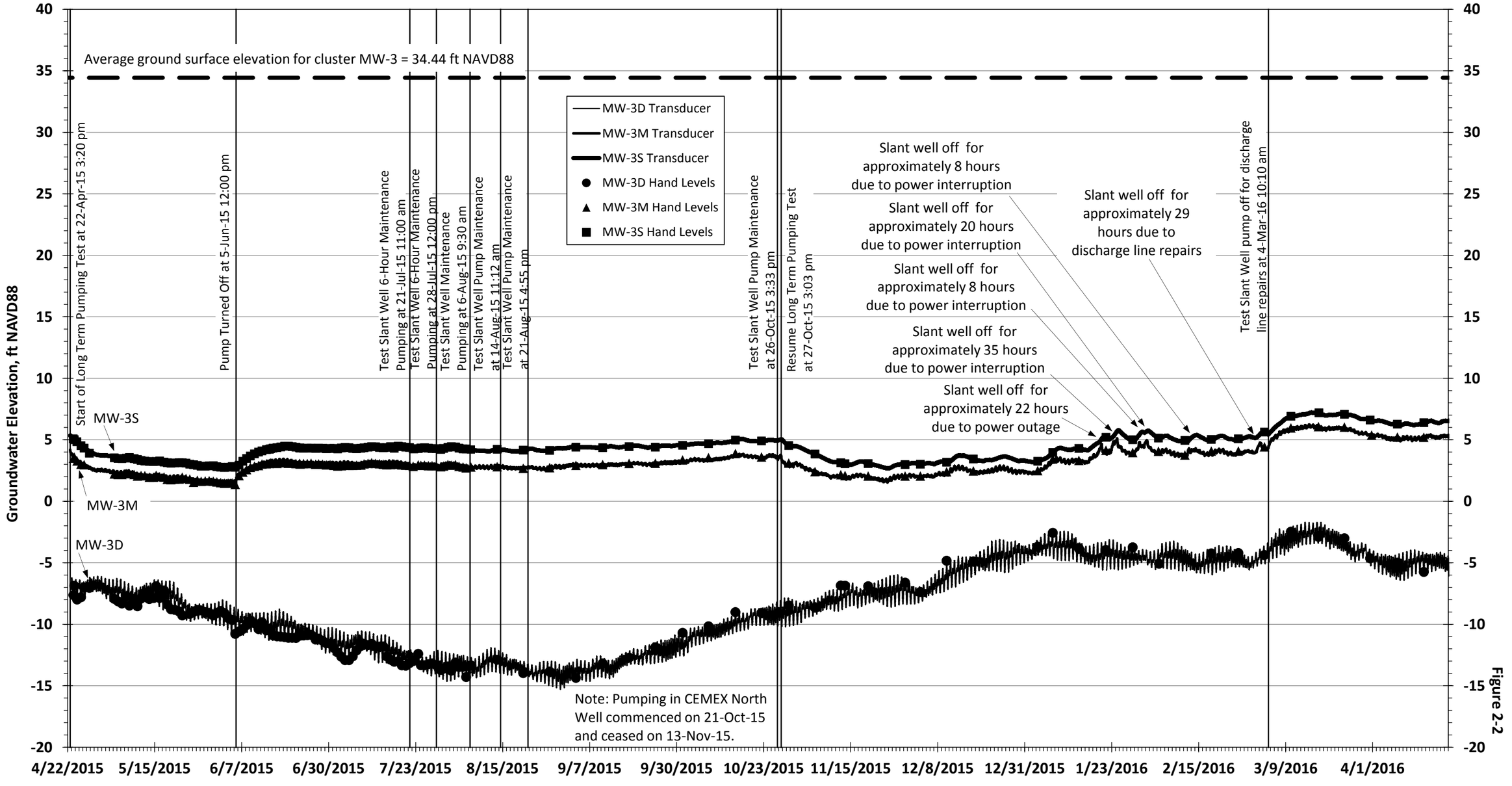

Figure 2-2

Groundwater Elevation in MPWSP MW-4

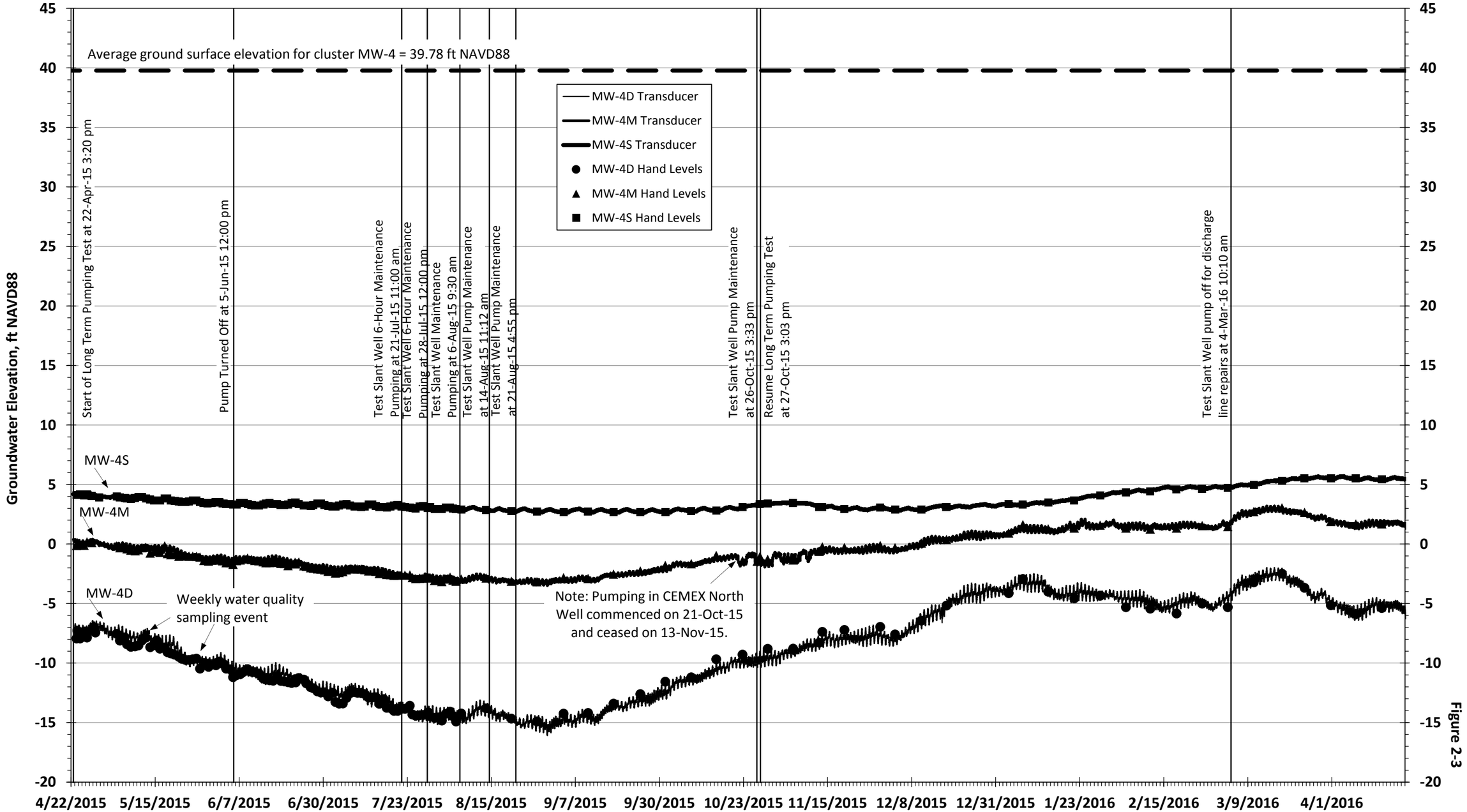

Figure 2-3

Groundwater Elevation in MPWSP MW-5

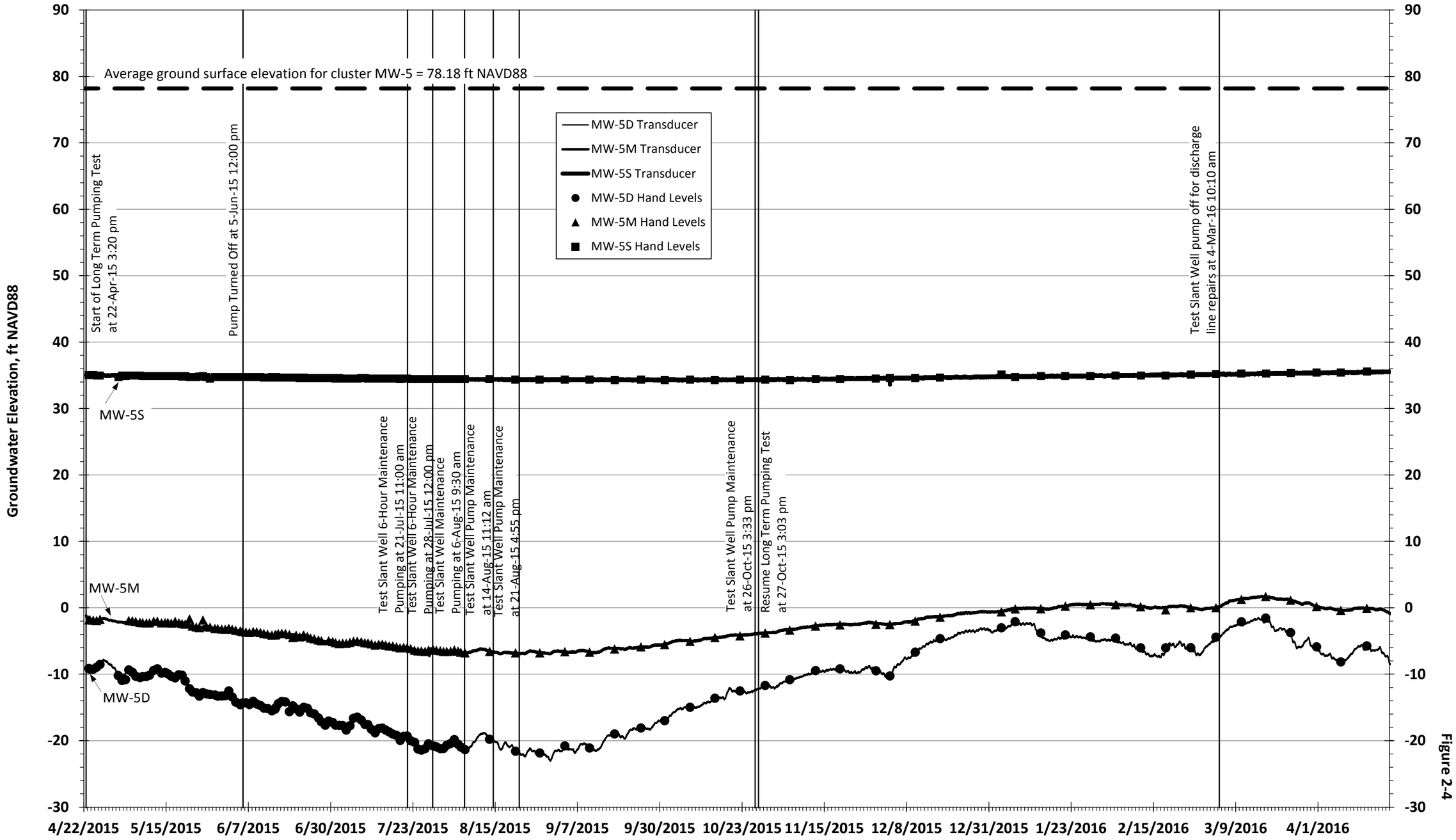

Figure 2-4

Groundwater Elevation in MPWSP MW-6

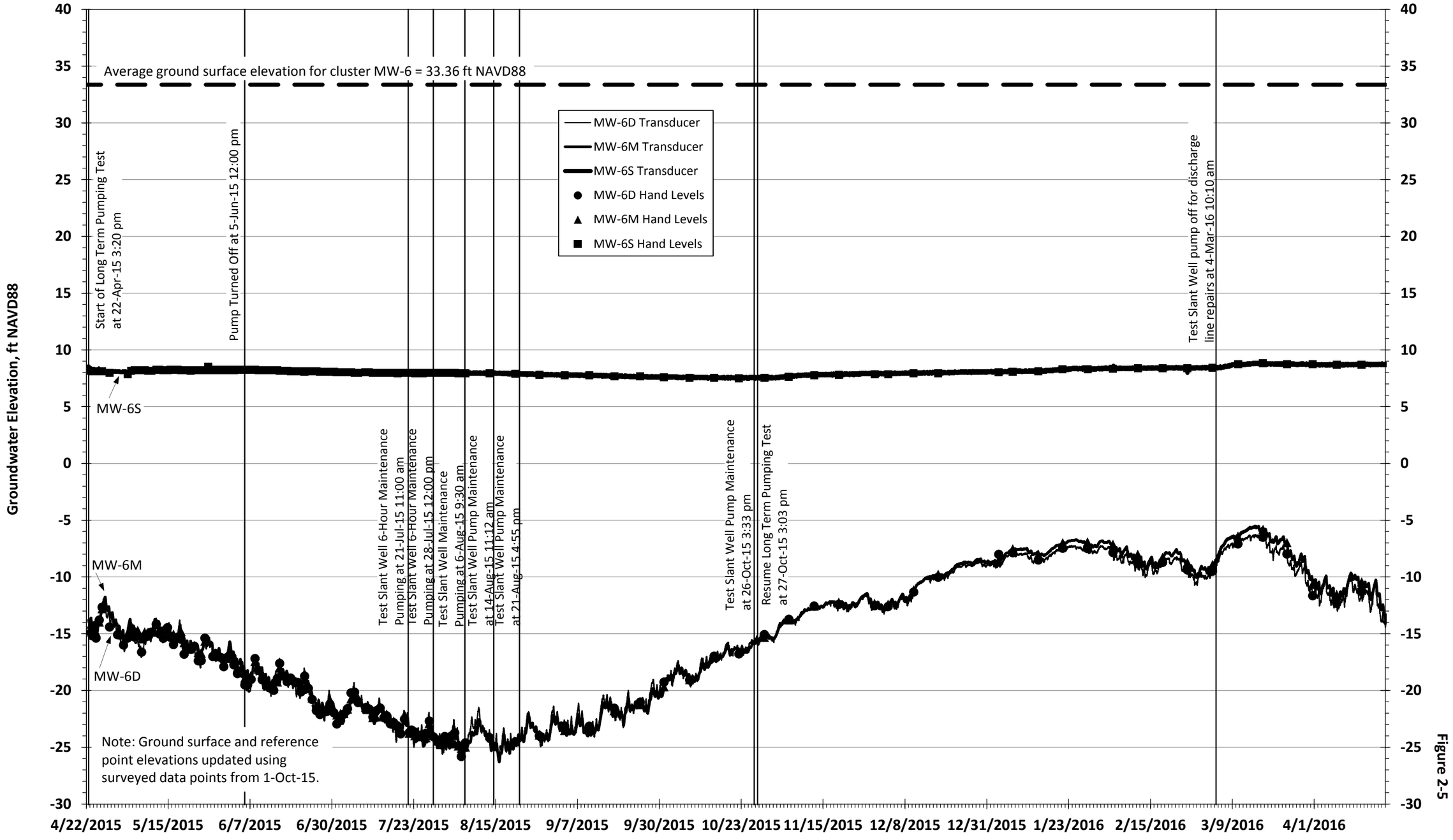

Figure 2-5

Groundwater Elevation in MPWSP MW-7

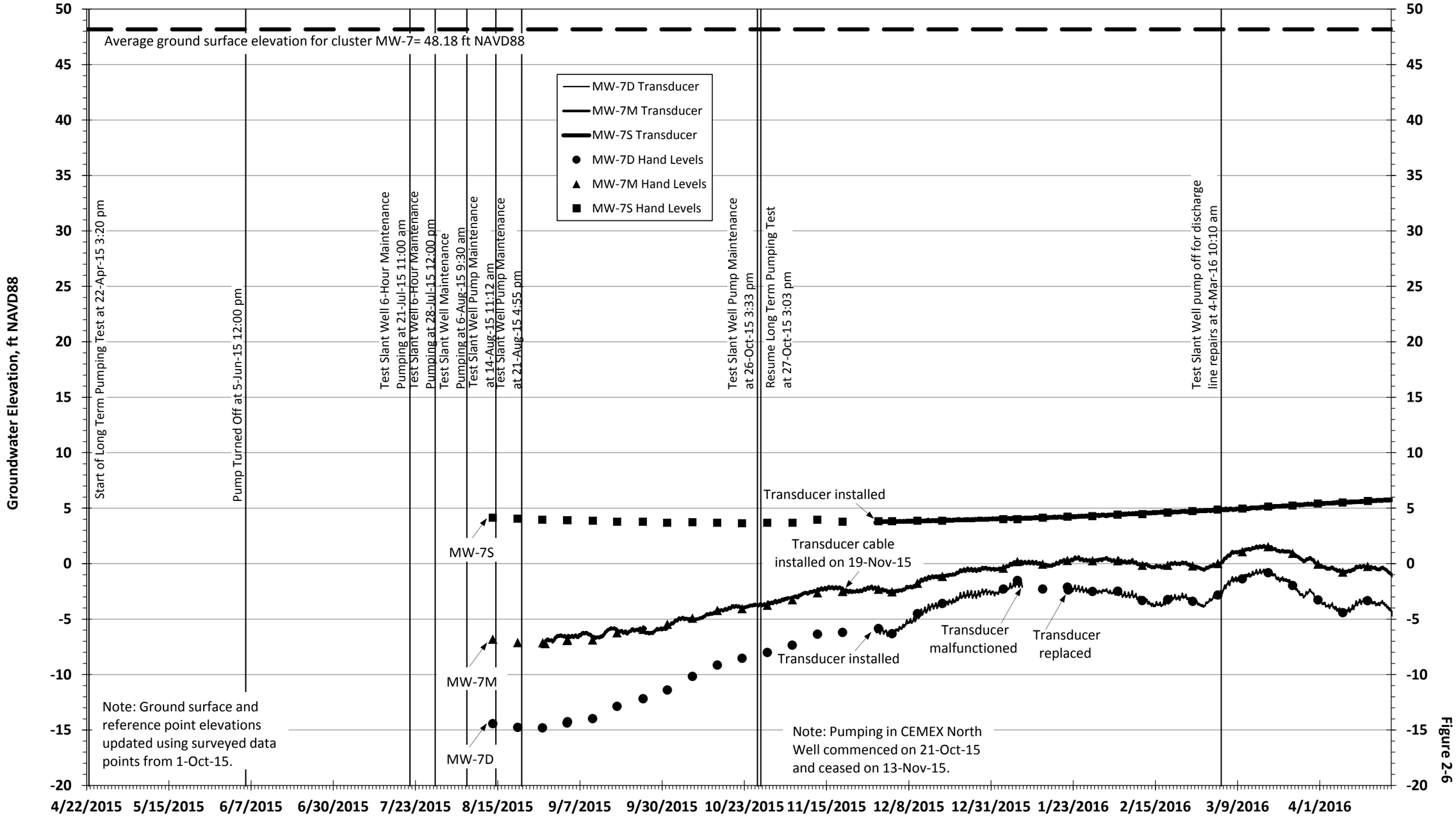

Figure 2-6

Groundwater Elevation in MPWSP MW-8

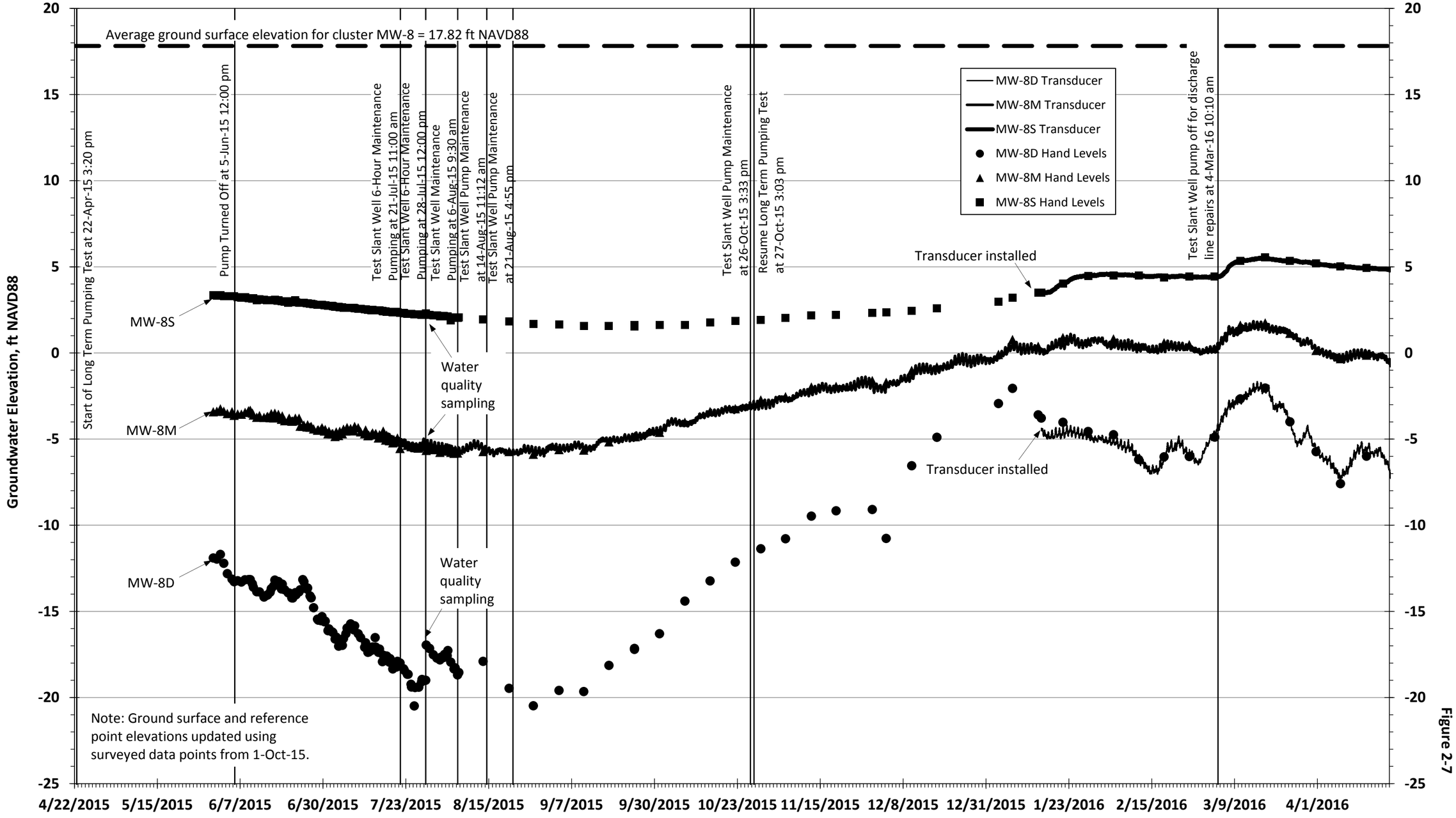

Figure 2-7

Groundwater Elevation in MPWSP MW-9

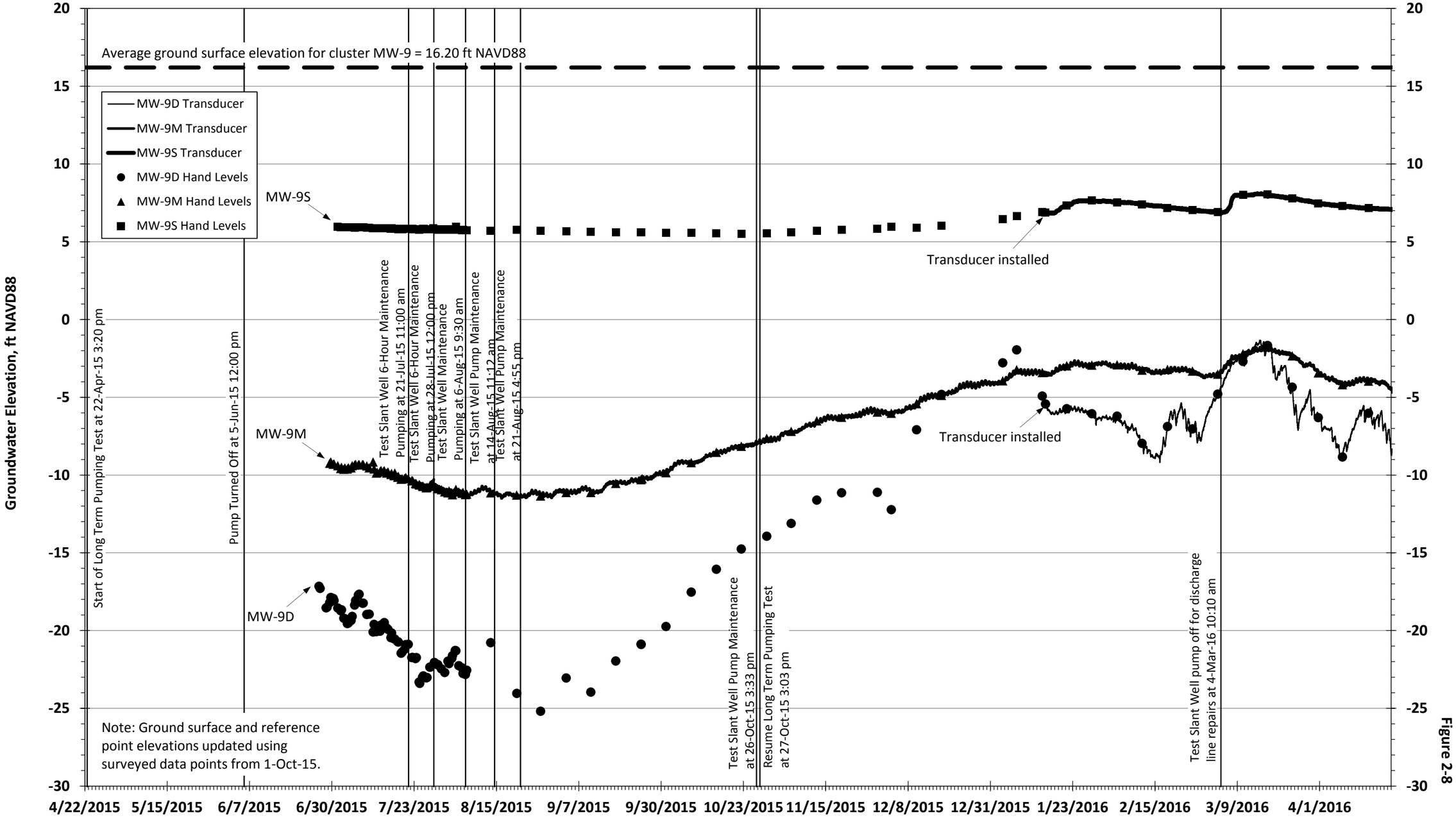

Figure 2-8

Groundwater Elevation in Monterey Regional Water Pollution Control Agency Wells

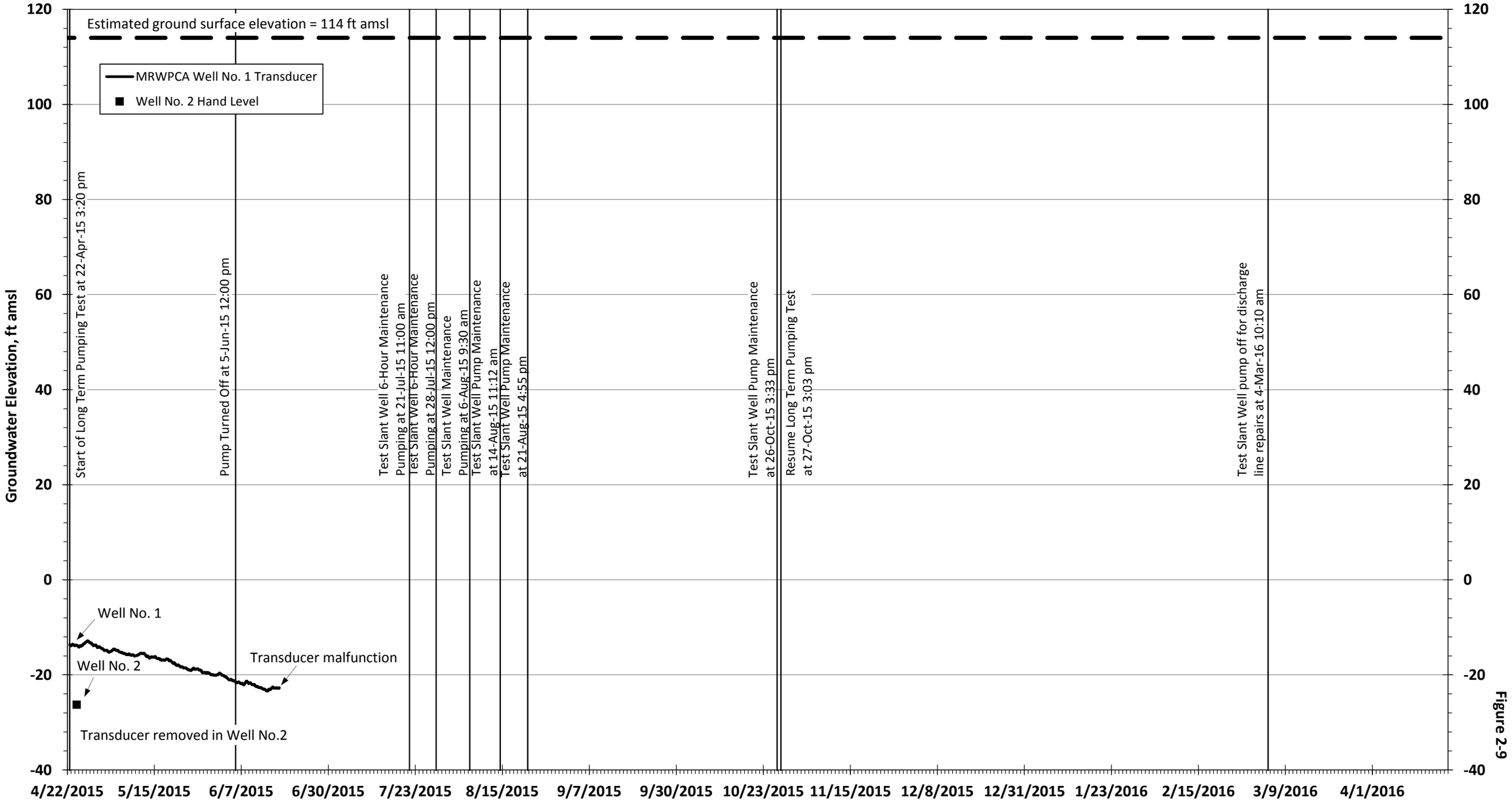

Figure 2-9

Surface Water Elevation in CEMEX Dredge Pond

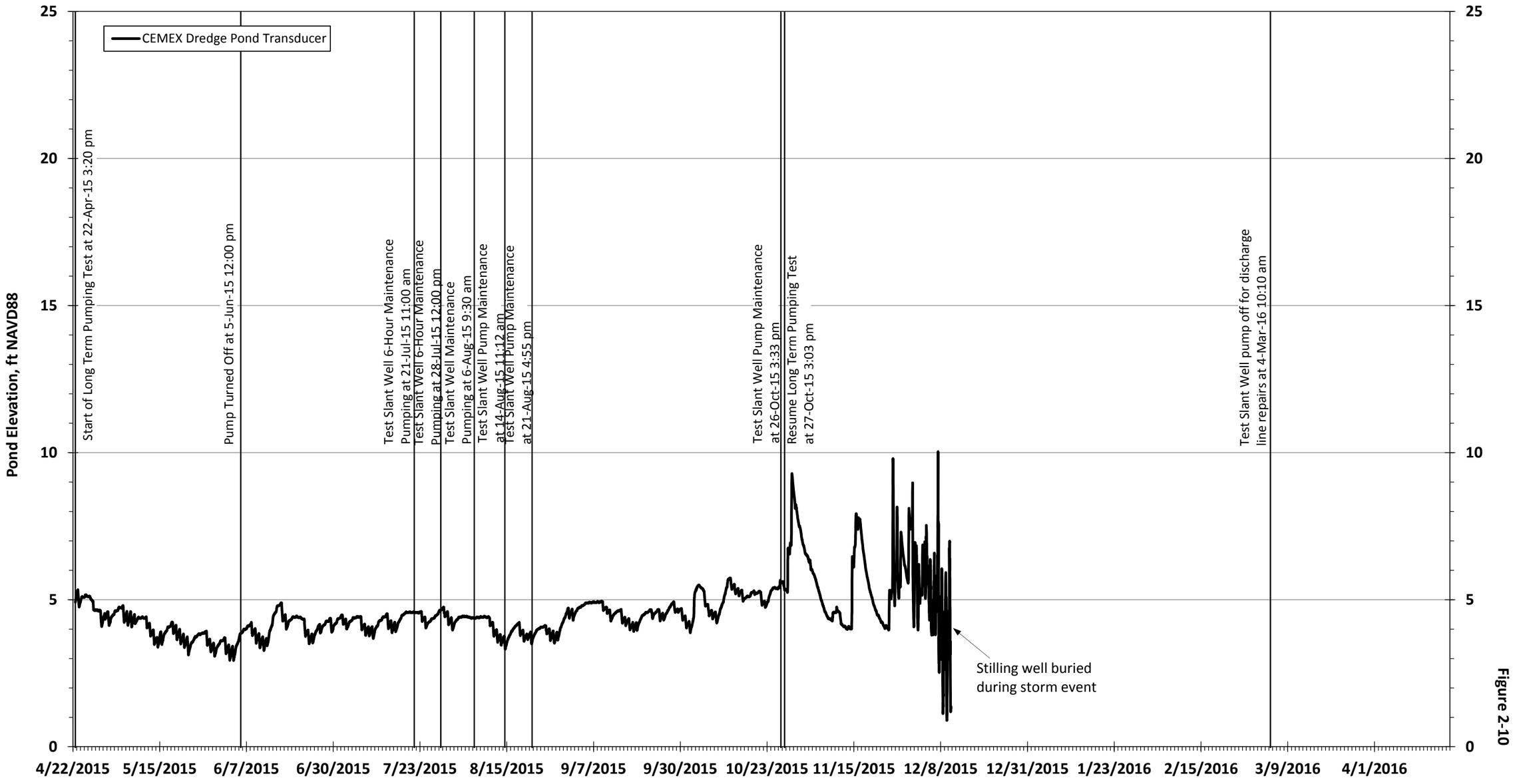

Figure 2-10

Groundwater Elevation in CEMEX North Well

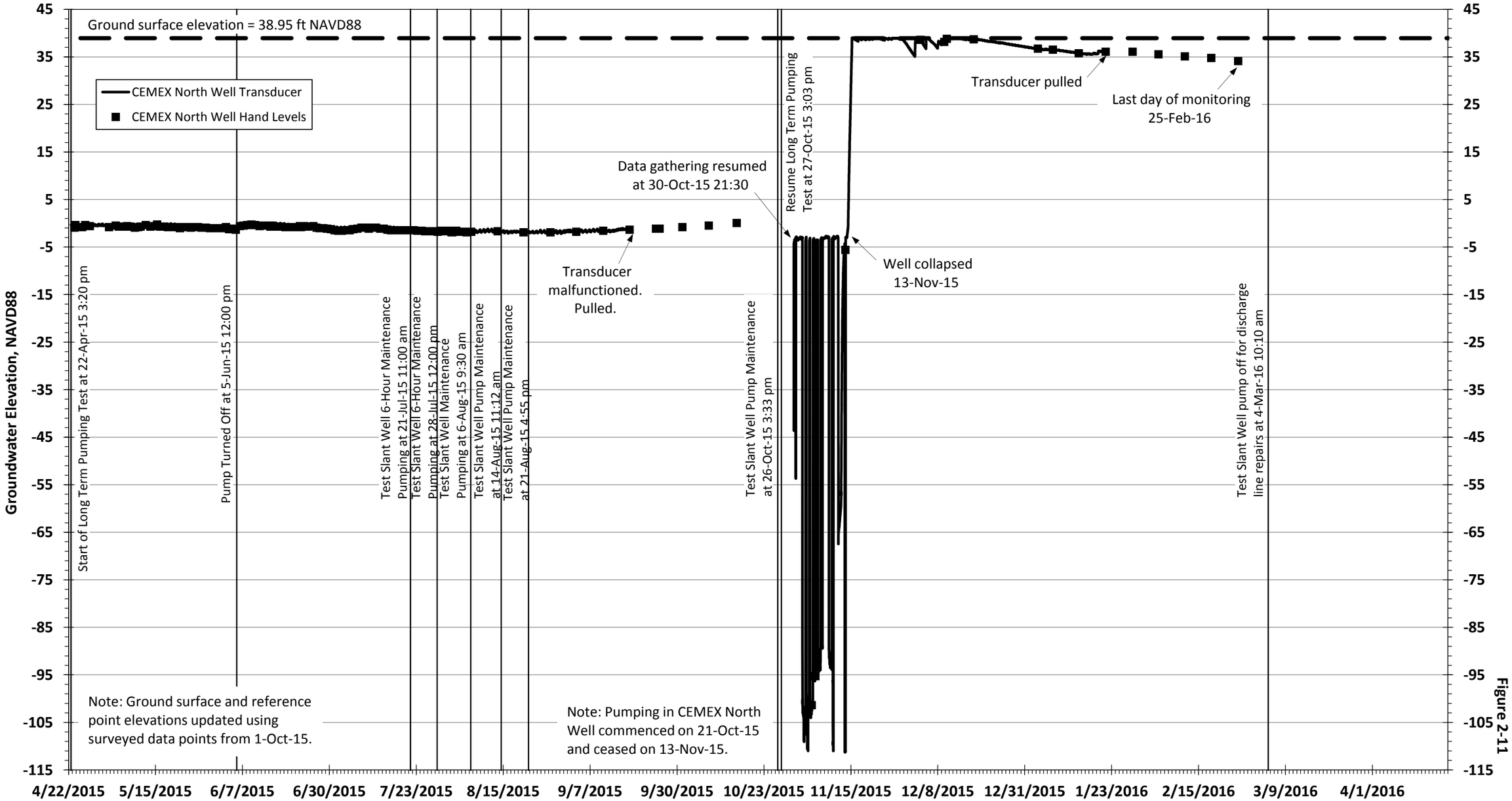

Figure 2-11

Groundwater Elevation in MPWSP Test Slant Well

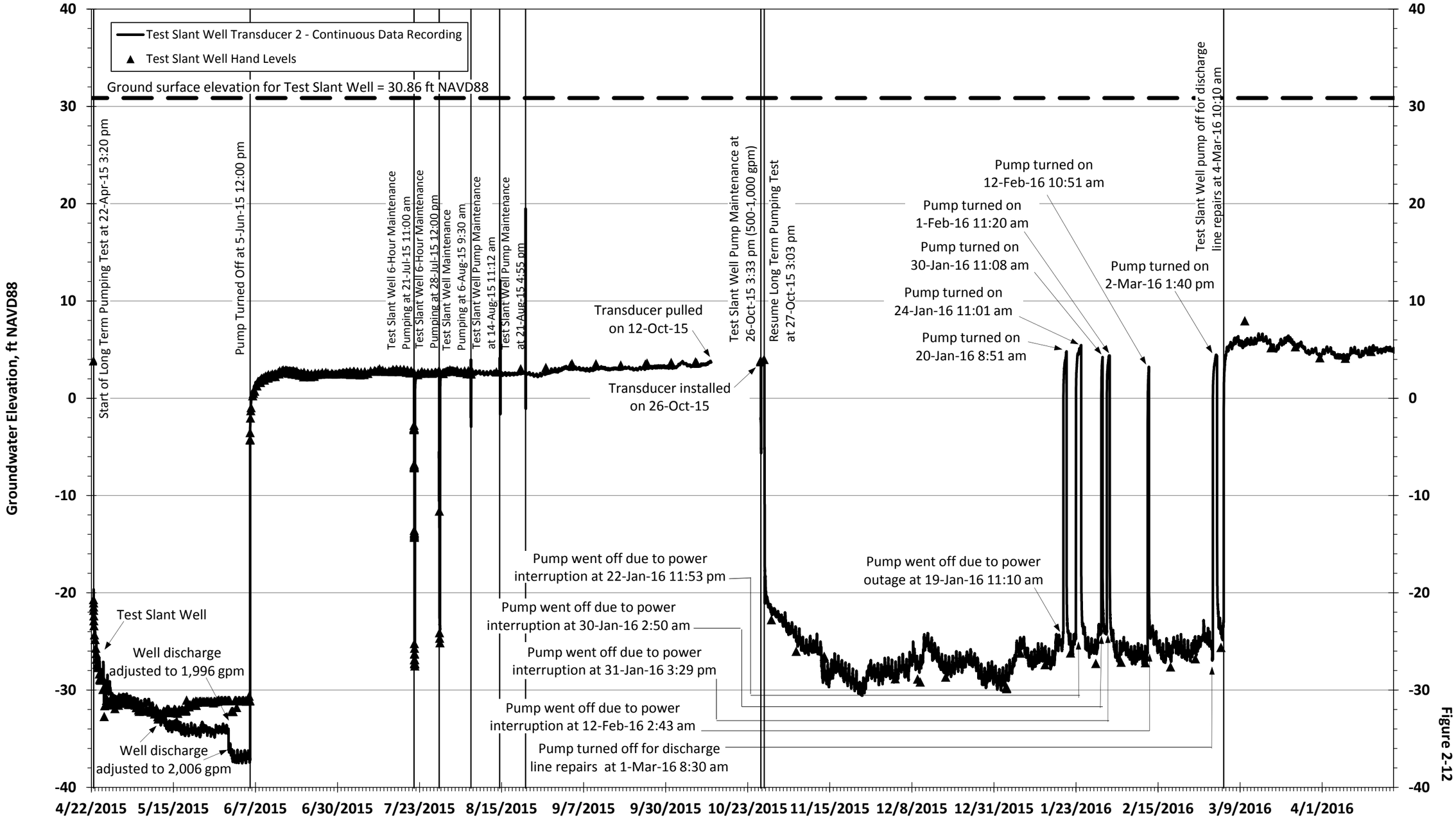

Figure 2-12

Specific Conductivity in MPWSP MW-1

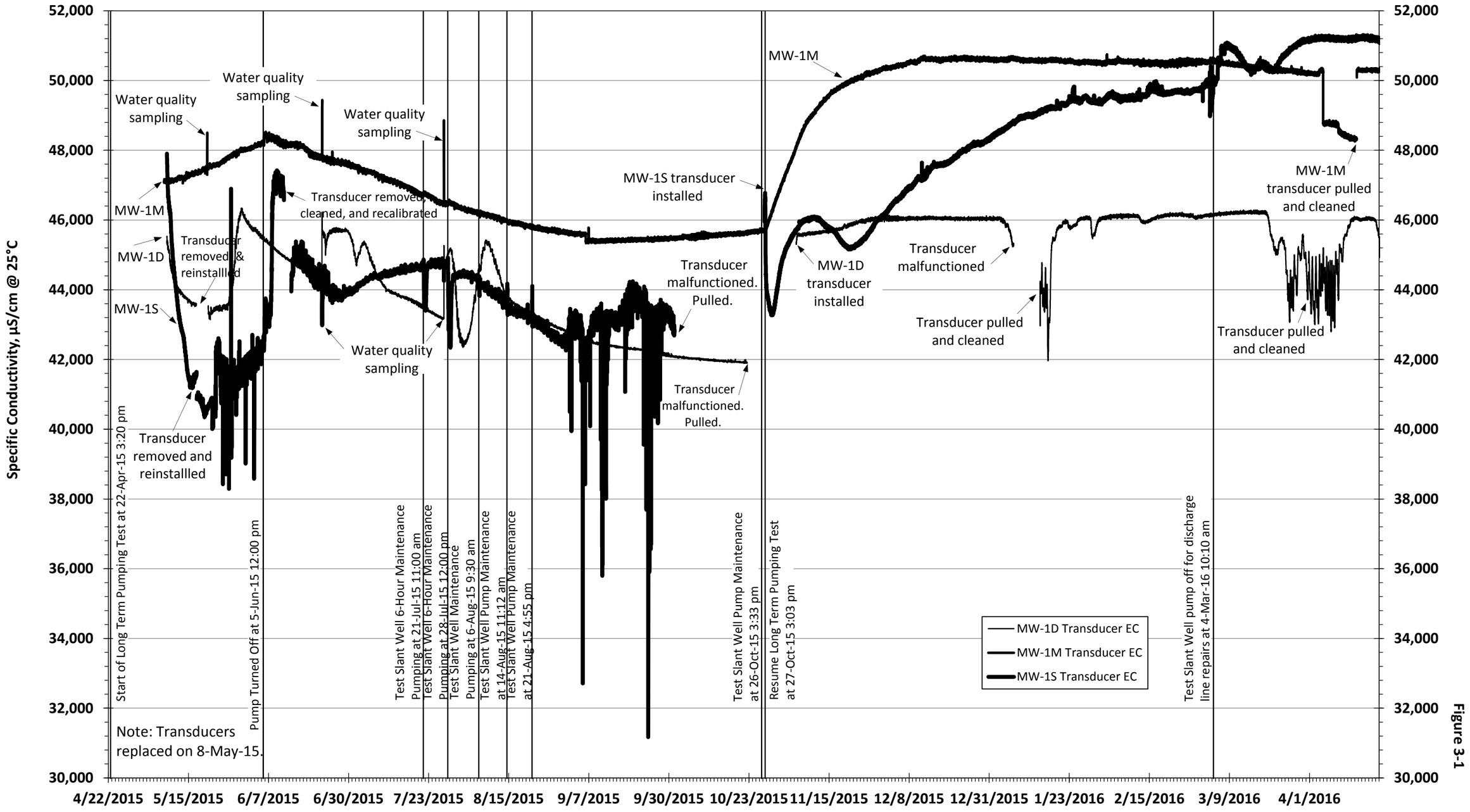

Figure 3-1

Specific Conductivity in MPWSP MW-3

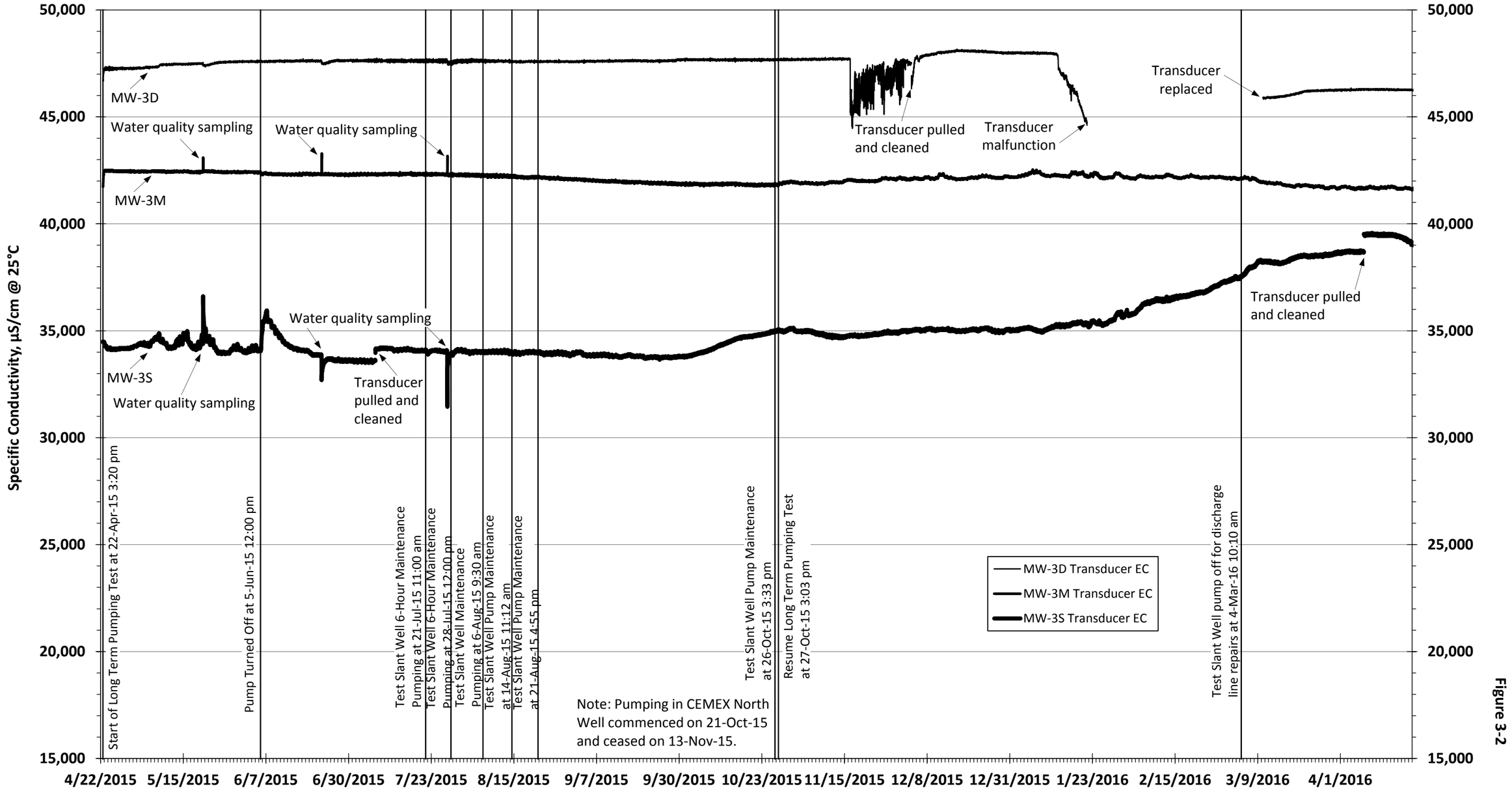

Figure 3-2

Specific Conductivity in MPWSP MW-4

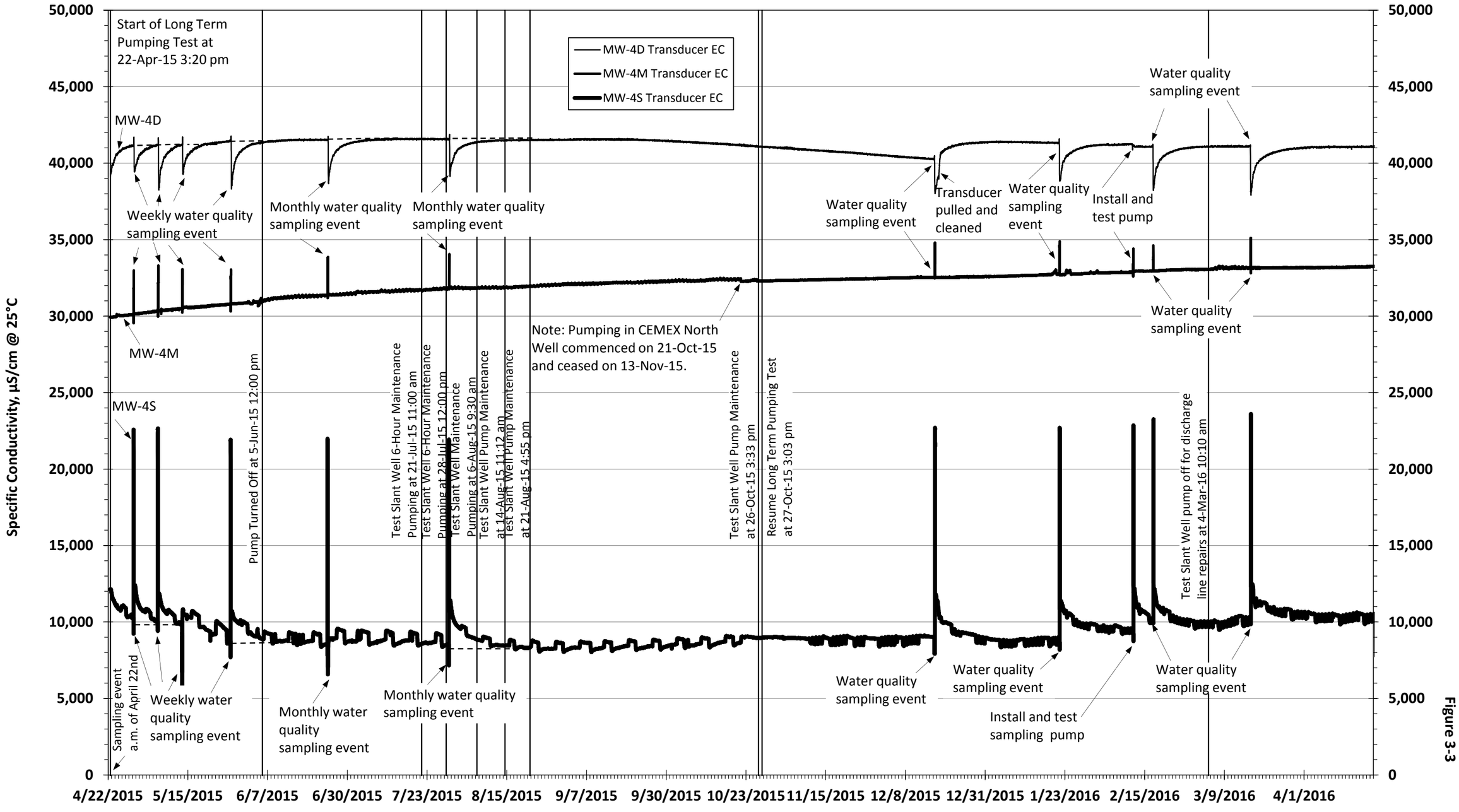

Figure 3-3

Specific Conductivity in MPWSP MW-5

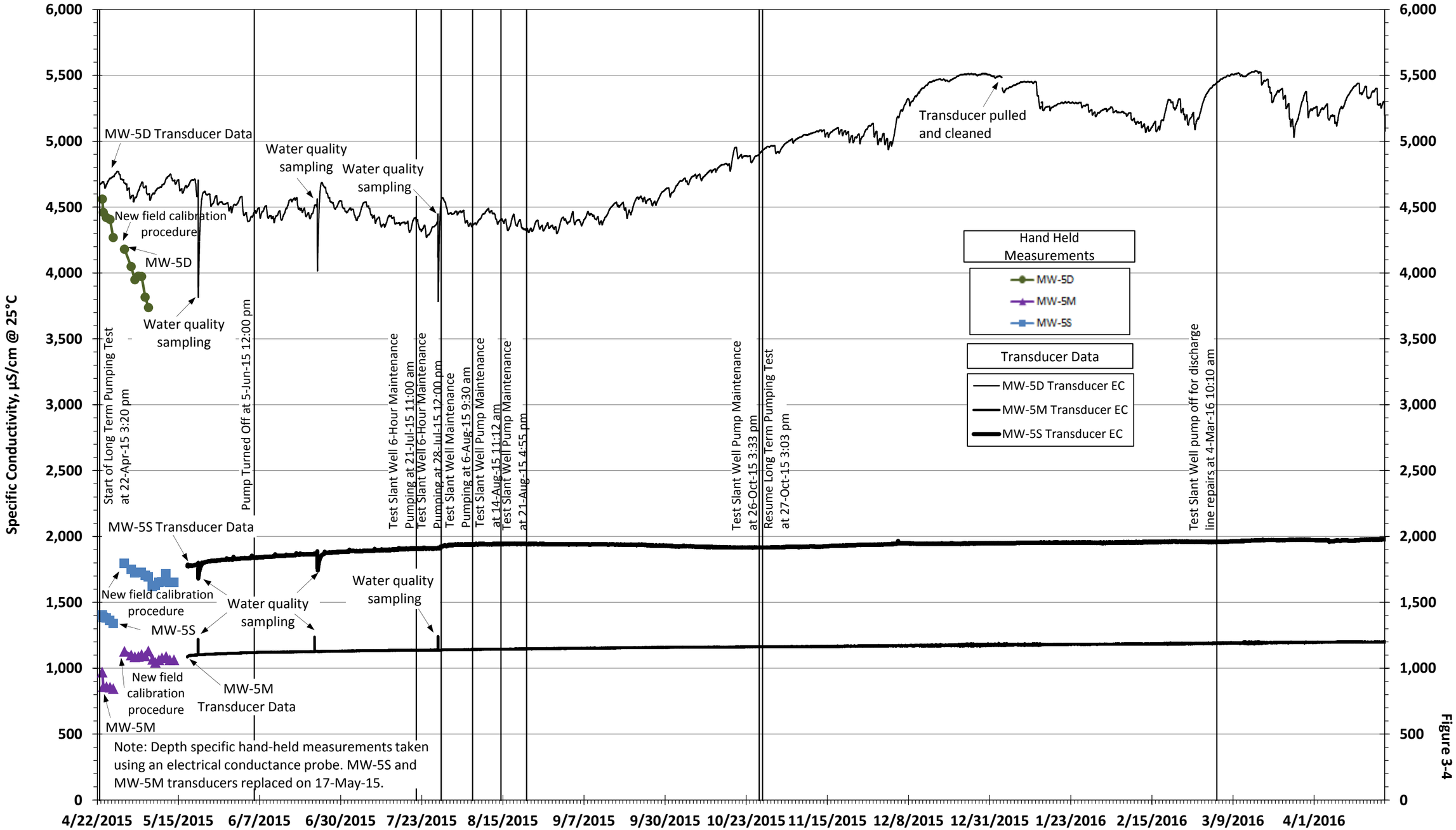

Figure 3-4

Specific Conductivity in MPWSP MW-6

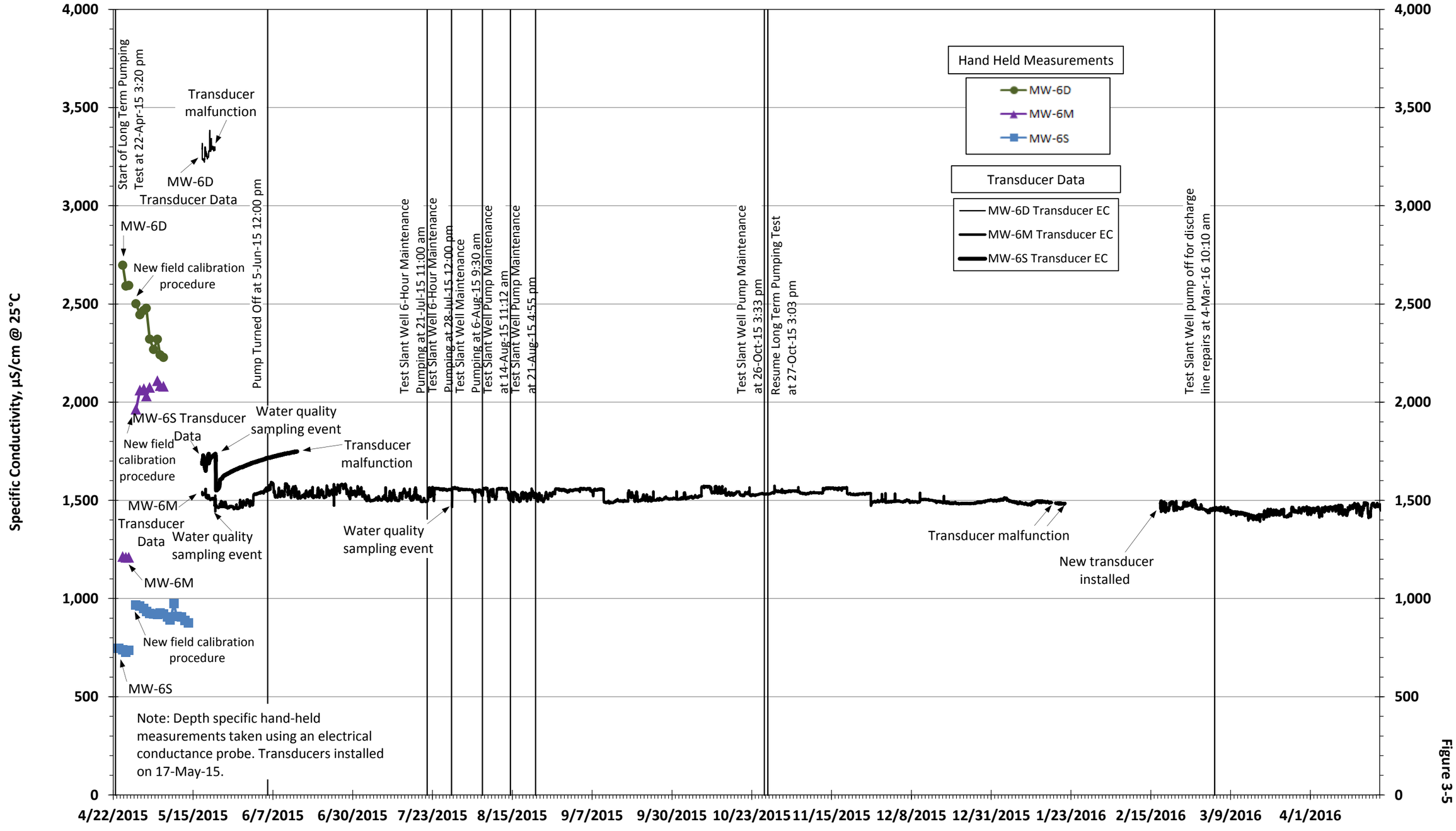

Figure 3-5

Specific Conductivity in MPWSP MW-7

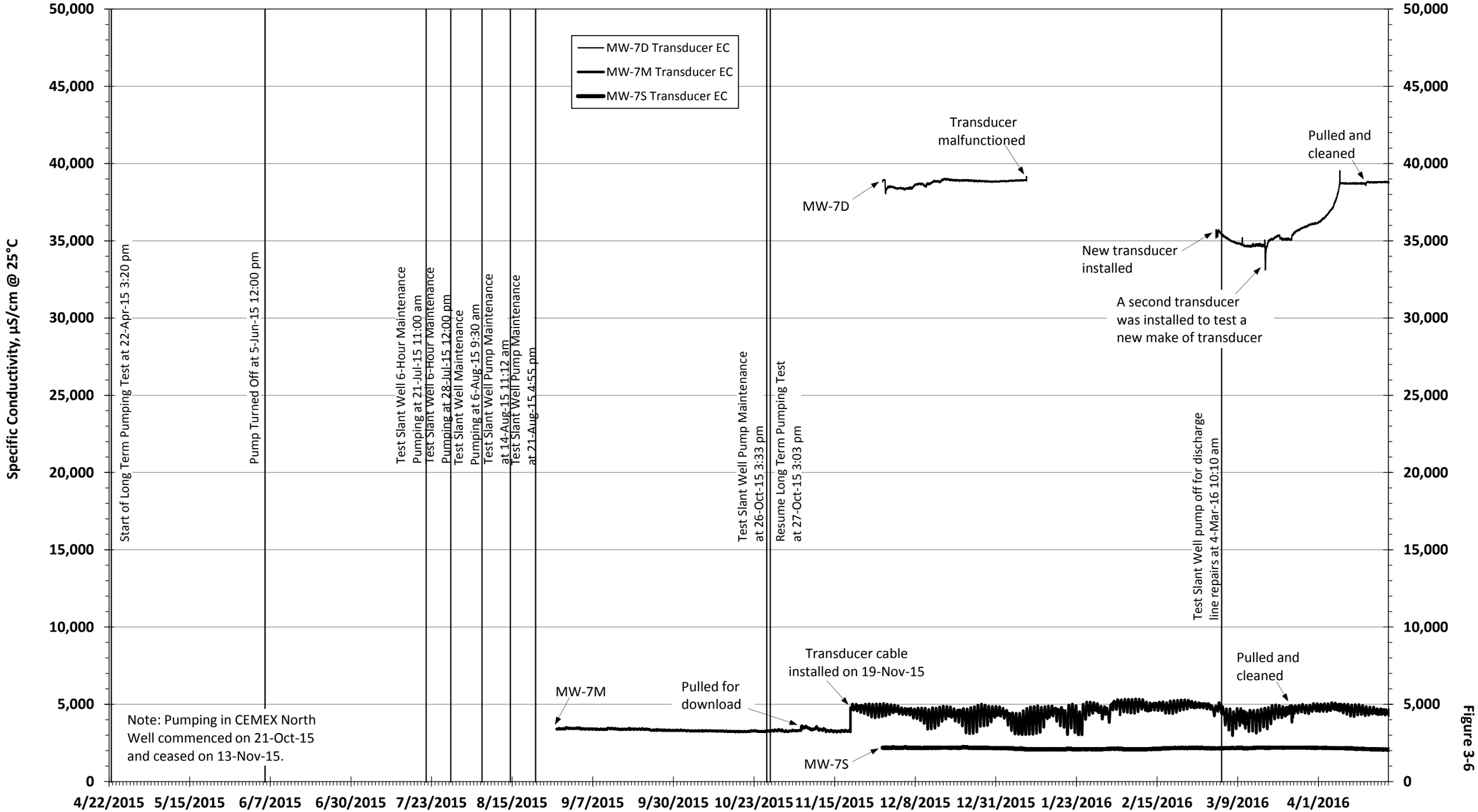

Figure 3-6

Specific Conductivity in MPWSP MW-8

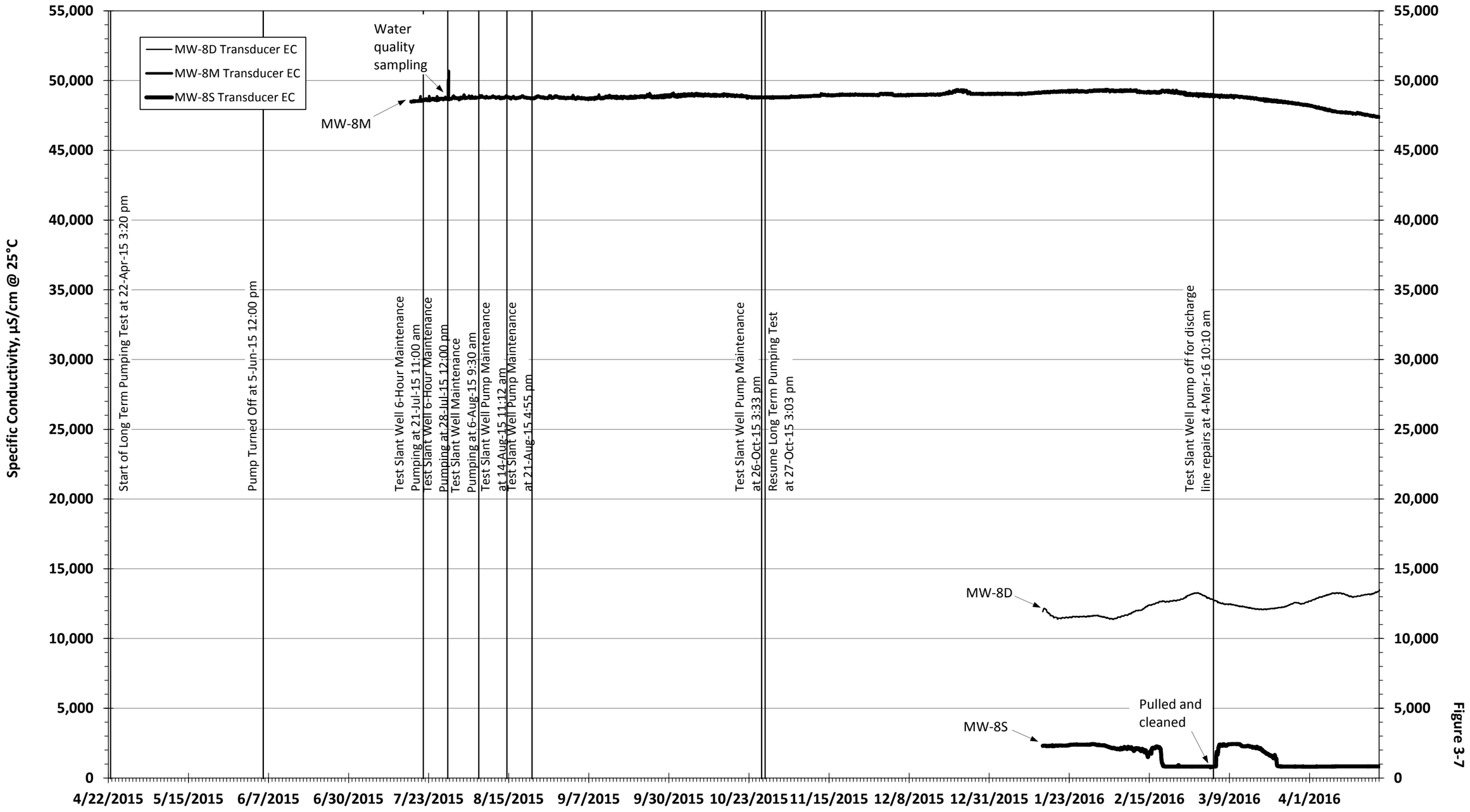

Figure 3-7

Specific Conductivity in MPWSP MW-9

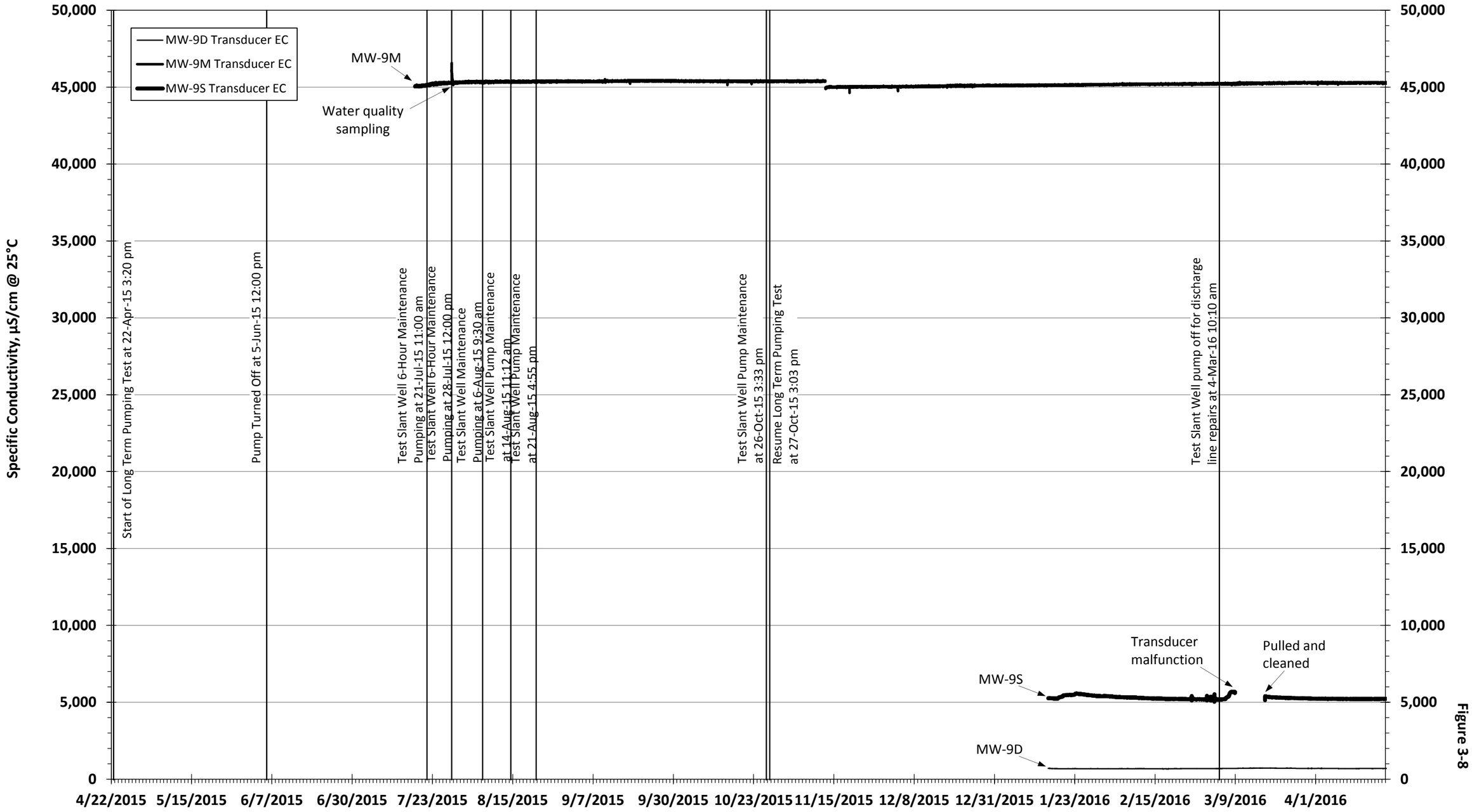

Figure 3-8

Specific Conductivity in Monterey Regional Water Pollution Control Agency Wells

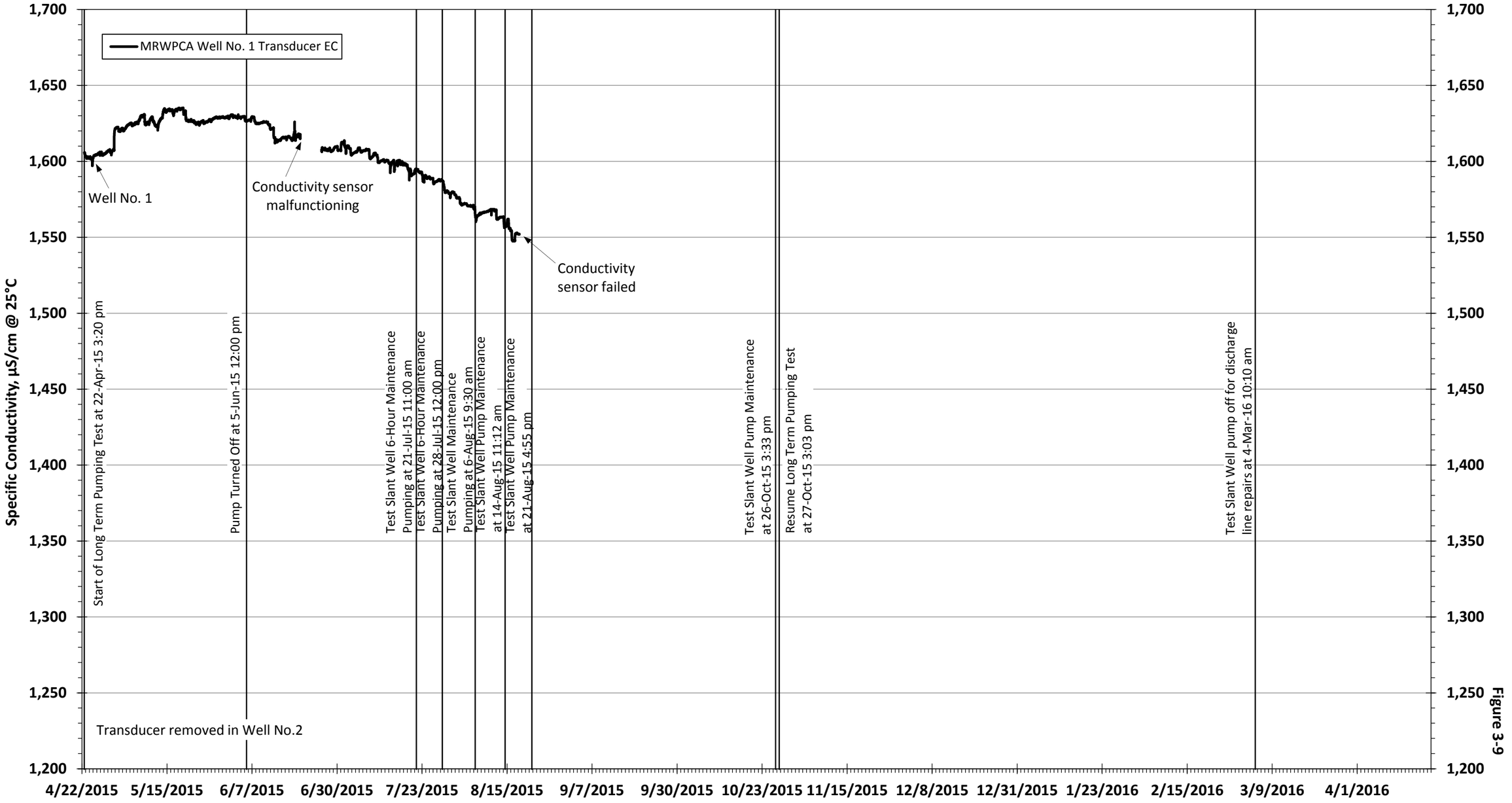

Figure 3-9

Specific Conductivity in CEMEX Dredge Pond

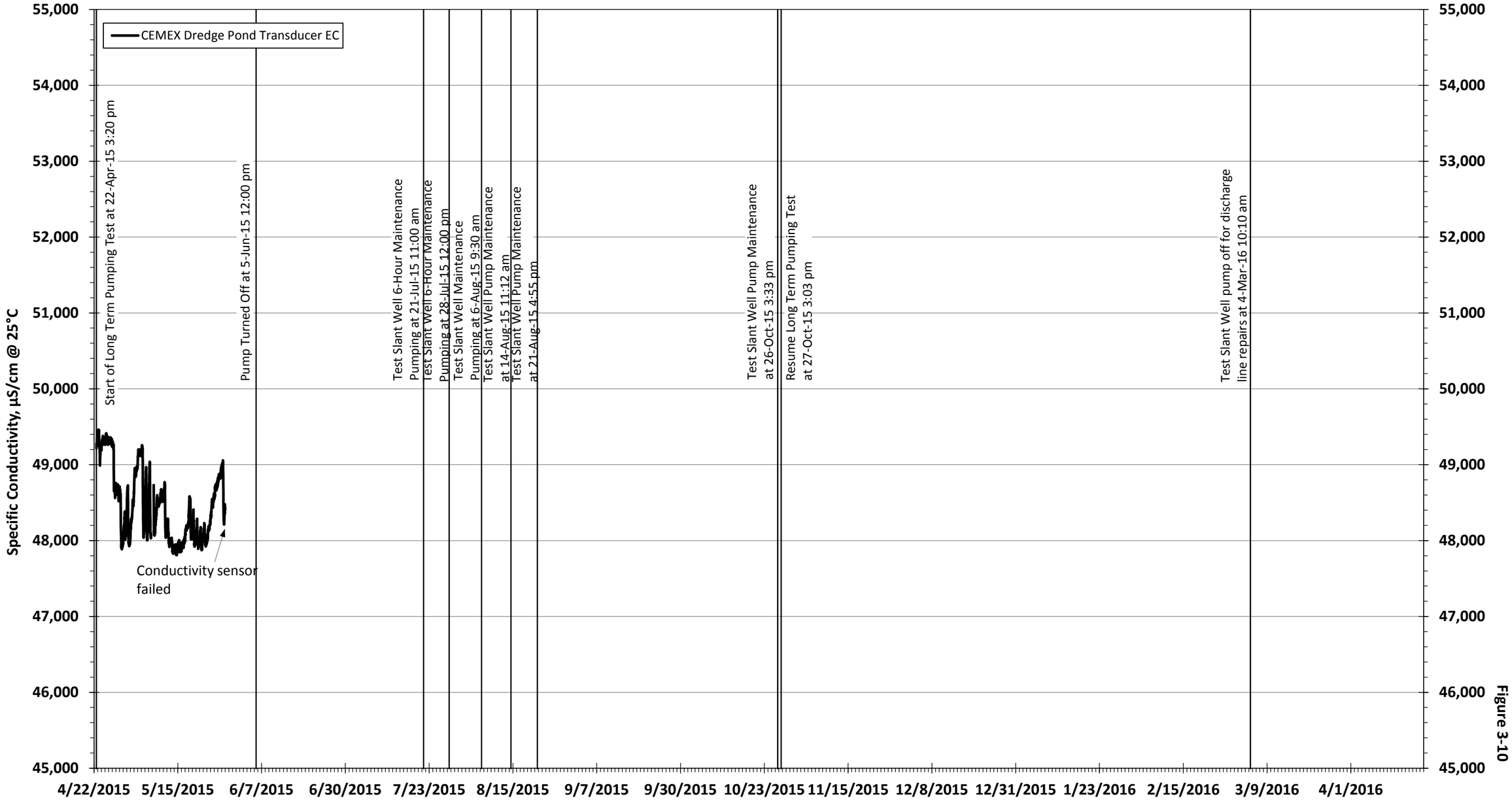

Figure 3-10

Specific Conductivity in CEMEX North Well

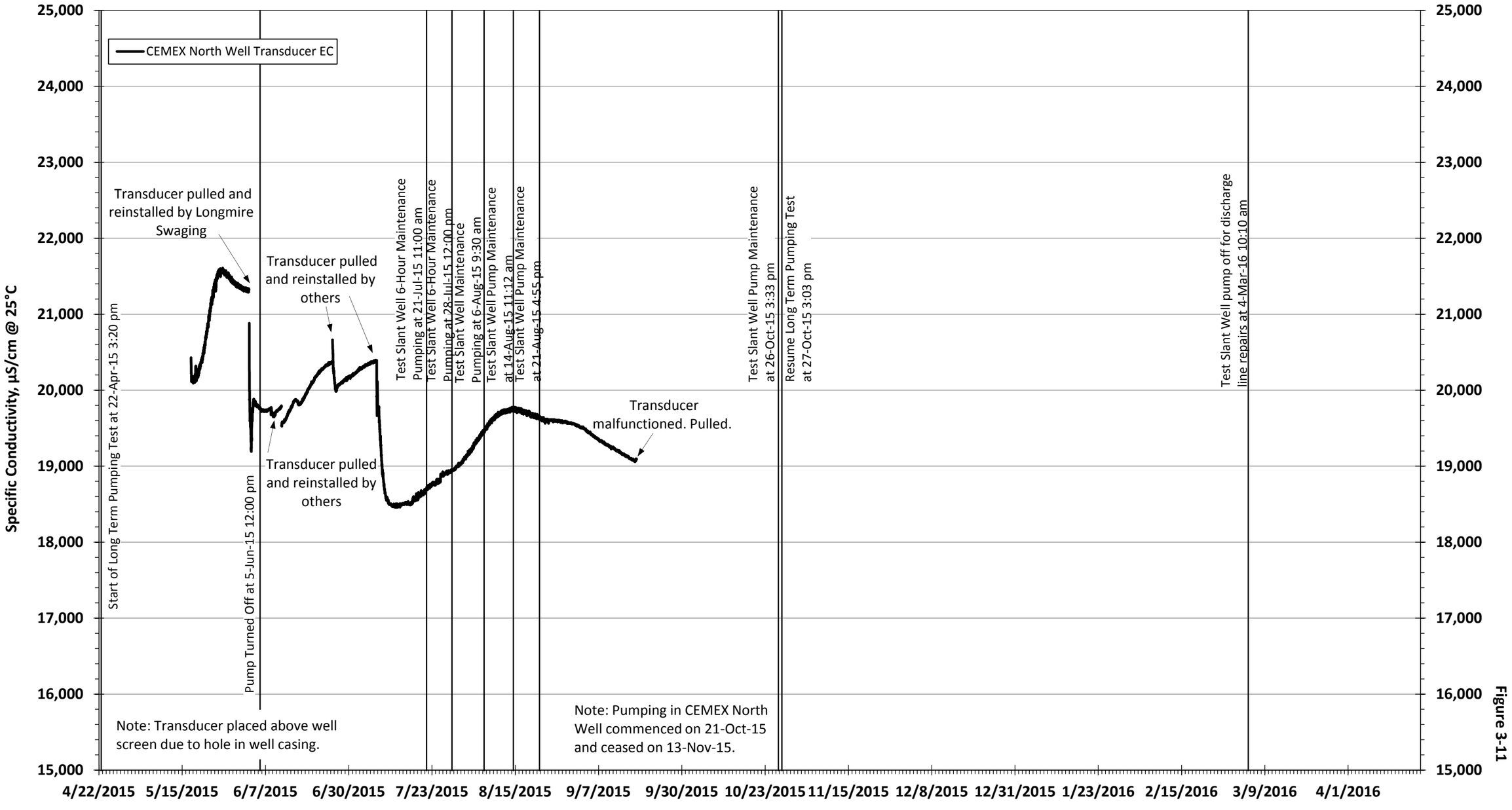

Figure 3-11

Specific Conductivity in MPWSP Test Slant Well

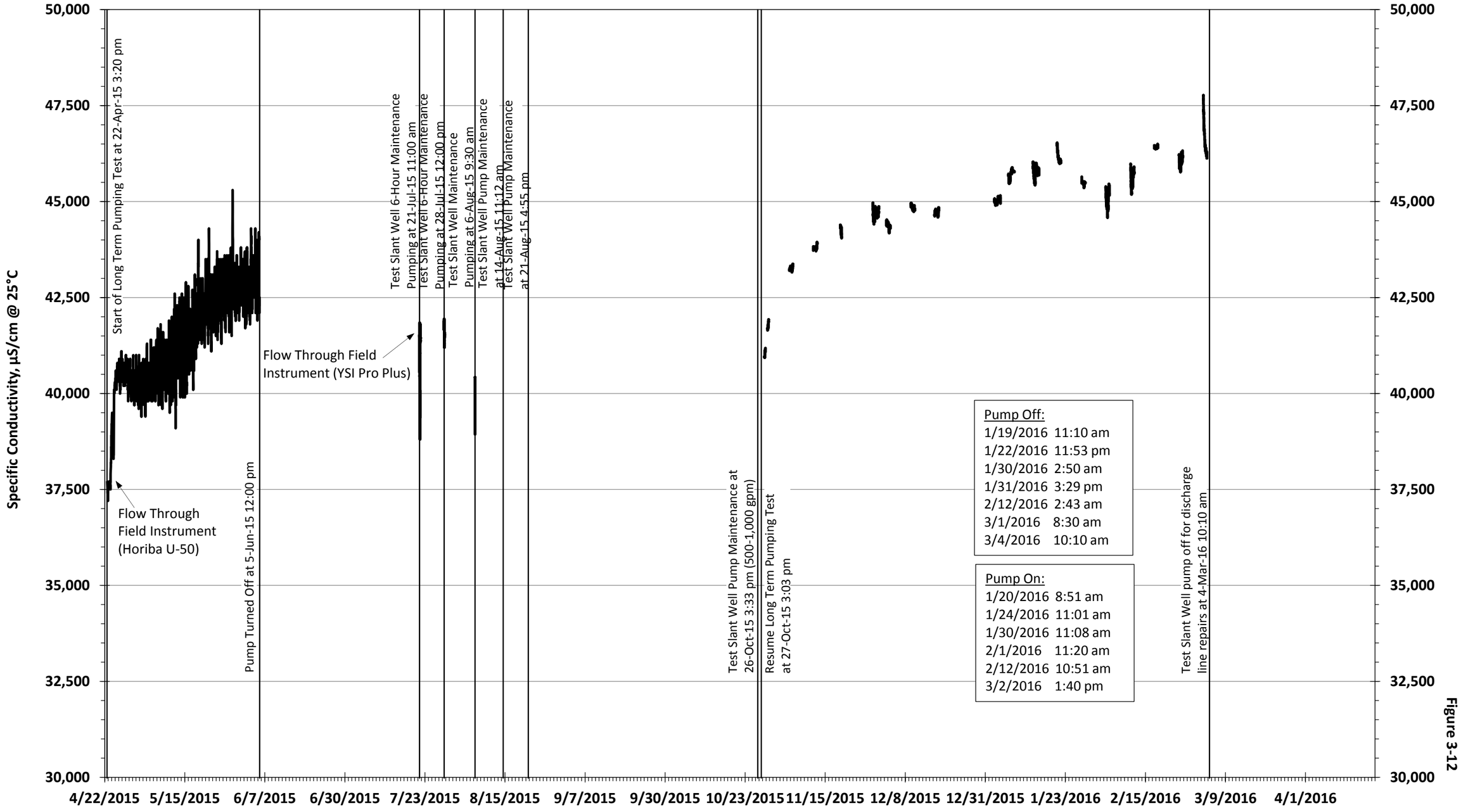

Figure 3-12

TABLES

GEOSCIENCE

Table 1: Well Information Table

Well Name	Cluster	Reference Point (RP)	State Plane Coordinates Northing	Easting	RP Elevation ft NAVD88	RP Height (ft above GS)	Distance of RP from Slant Well Head (ft)	Top of Screen Interval (ft below GS)	Bottom of Screen Interval (ft below GS)	Transducer Installed Depth (ft below RP)	Survey Date	Data Logging Start Date	Data Collected
MW-1S	MW-1	Top of ABS Transducer Mount	2,154,745.35	5,739,355.82	30.51 [1]	2.65 [1]	211	55	95	76	26-Mar-15	19-Feb-15	Level, Conductivity
MW-1M	MW-1	Top of ABS Transducer Mount	2,154,751.93	5,739,347.94	29.86	2.48	220	115	225	182	26-Mar-15	19-Feb-15	Level, Conductivity
MW-1D	MW-1	Top of ABS Transducer Mount	2,154,753.60	5,739,337.98	29.68 [1]	2.65 [1]	230	277	327	309	26-Mar-15	19-Feb-15	Level, Conductivity
MW-3S	MW-3	Top of ABS Transducer Mount	2,154,599.85	5,739,977.02	37.16	2.66	428	50	90	76	26-Mar-15	4-Mar-15	Level, Conductivity
MW-3M	MW-3	Top of ABS Transducer Mount	2,154,592.96	5,739,988.54	37.35	2.73	441	105	215	182	26-Mar-15	4-Mar-15	Level, Conductivity
MW-3D	MW-3	Top of ABS Transducer Mount	2,154,589.81	5,739,998.68	36.93	2.74	451	285	330	321	26-Mar-15	4-Mar-15	Level, Conductivity
MW-4S	MW-4	Top of ABS Transducer Mount	2,154,170.90	5,741,427.62	41.96	2.26	1,940	60	100	66	26-Mar-15	9-Mar-15	Level, Conductivity
MW-4M	MW-4	Top of ABS Transducer Mount	2,154,172.79	5,741,416.78	41.99	2.15	1,929	130	260	208	26-Mar-15	9-Mar-15	Level, Conductivity
MW-4D	MW-4	Top of ABS Transducer Mount	2,154,174.30	5,741,406.08	41.95	2.15	1,918	290	330	317	26-Mar-15	20-Feb-15	Level, Conductivity
MW-5S	MW-5	Top of ABS Transducer Mount	2,156,239.19	5,748,566.86	80.25 [1]	2.20 [1]	9,135	43	83	71	26-Mar-15	10-Mar-15	Level, Conductivity
MW-5M	MW-5	Top of ABS Transducer Mount	2,156,230.38	5,748,564.26	80.48 [1]	2.31 [1]	9,131	100	310	171	26-Mar-15	10-Mar-15	Level, Conductivity
MW-5D	MW-5	Top of ABS Transducer Mount	2,156,220.77	5,748,560.95	80.06	1.97	9,126	395	435	417	26-Mar-15	19-Feb-15	Level, Conductivity
MW-6S	MW-6	Top of ABS Transducer Mount	2,141,142.87	5,756,164.01	35.89	2.45 [1]	21,436	30	60	61	1-Oct-15	22-Apr-15	Level, Conductivity
MW-6M	MW-6	Top of ABS Transducer Mount	2,141,138.40	5,756,154.35	35.68	2.44 [1]	21,431	150	210	184	1-Oct-15	22-Apr-15	Level, Conductivity
MW-6D	MW-6	Top of ABS Transducer Mount	2,141,133.06	5,756,144.94	35.82	2.42 [1]	21,427	255	325	201	1-Oct-15	22-Apr-15	Level, Conductivity
MW-7S	MW-7	Top of ABS Transducer Mount	2,152,099.25	5,744,148.10	50.64	2.06	5,274	60	80	72	1-Oct-15	13-Aug-15	Level, Conductivity
MW-7M	MW-7	Top of ABS Transducer Mount	2,152,110.46	5,744,146.08	50.29	2.09	5,266	130	220	187	1-Oct-15	13-Aug-15	Level, Conductivity
MW-7D	MW-7	Top of ABS Transducer Mount	2,152,120.50	5,744,144.38	50.24	2.24	5,260	295	345	322	1-Oct-15	13-Aug-15	Level, Conductivity
MW-8S	MW-8	Top of ABS Transducer Mount	2,159,440.33	5,744,871.52	19.96	2.14 [3]	7,116	40	80	61	1-Oct-15	30-May-15	Level, Conductivity
MW-8M	MW-8	Top of ABS Transducer Mount	2,159,430.86	5,744,866.05	19.99	2.17 [2]	7,106	125	215	181	1-Oct-15	30-May-15	Level, Conductivity
MW-8D	MW-8	Top of ABS Transducer Mount	2,159,421.47	5,744,861.04	20.08	2.10 [3]	7,096	300	350	326	1-Oct-15	30-May-15	Level, Conductivity
MW-9S	MW-9	Top of ABS Transducer Mount	2,162,010.77	5,747,345.03	18.42	2.16 [3]	10,677	30	110	71	1-Oct-15	1-Jul-15	Level, Conductivity
MW-9M	MW-9	Top of ABS Transducer Mount	2,162,016.58	5,747,353.64	18.32	2.13 [2]	10,687	145	225	182	1-Oct-15	29-Jun-15	Level, Conductivity
MW-9D	MW-9	Top of ABS Transducer Mount	2,162,022.89	5,747,362.25	18.32	2.15 [3]	10,697	353	393	377	1-Oct-15	26-Jun-15	Level, Conductivity
Well No. 1 [4]	MRWPCA	Well Cover	2,151,622.14	5,750,015.59	114 ft amsl (GS)	1.60	10,898	260	340	299	-	19-Feb-15	Level, Conductivity
Well No. 2 [4]	MRWPCA	Well Cover	2,151,550.18	5,749,987.41	115 ft amsl (GS)	1.65	10,892	260	340	319	-	19-Feb-15	Level, Conductivity
CEMEX Dredge Pond	CEMEX	Top of ABS Transducer Mount	2,155,912.41	5,739,497.26	14.14	8.92*	1,212	-	-	-	26-Mar-15	8-Mar-15	Level, Conductivity
Test Slant Well	CEMEX	Near Ground Surface	2,154,702.56	5,739,561.92	30.86	0	0	46**	231**	305MD	26-Mar-15	1-Apr-15	Level, Conductivity
CEMEX North Well	CEMEX	Well Cover	2,154,284.48	5,741,032.07	39.20	0.25	1,529	244	481	150	1-Oct-15	1-Apr-15	Level, Conductivity
CEMEX South Well [4]	CEMEX	Ground Surface	2,154,213.90	5,740,998.57	31 ft amsl (GS)	0	1,518	400	506	-	-	-	-

Horizontal Datum: NAD83 State Plane Zone 4
Vertical Datum: NAVD88
* RP height above pond water level 5.22 ft NAVD88 (8-11 am 26-Mar-15)
** Top of 18 in. screen = 140 ft x Sin(19) = 46 ft TVD, Bottom of 14 in. screen = 710 x Sin(19) = 231 ft TVD

[1] RP/elevation change on May 17, 2015 - New caps
[2] RP/elevation change on July 17, 2015 - New caps
[3] RP/elevation change on September 24, 2015 - New caps
[4] Estimated - not surveyed.

MD: Measured Depth - lineal feet along the angle of the slant well
GS: Ground Surface - approximate ground surface elevation based on Google Earth

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

		Sample Collection Date:	8-Apr-15	29-Apr-15	6-May-15	13-May-15	20-May-15	27-May-15	3-Jun-15	28-Oct-15	12-Nov-15	19-Nov-15
Constituent	**Method**	**Units**	**Result**	**Result**	**Result**	**Result**	**Result**	**Result**	**Result**	**Result**	**Result**	**Result**
Alkalinity, Total (as CaCO3)	SM2320B	mg/L	117	-	121	120	121	118	124	-	-	117
Aluminum, Total	EPA 200.8	µg/L	ND	-	70	ND	ND	321	ND	-	-	ND
Ammonia-N, Dissolved	SM4500NH3 D	mg/L	ND	-	ND	ND	ND	ND	ND	ND	-	ND
Arsenic, Total [1]	EPA 200.8	µg/L	33	-	31	31	38	38	37	-	-	38
Arsenic, Total	EPA 1640	µg/L	-	-	-	-	-	-	-	-	-	-
Barium, Dissolved	EPA 200.8	µg/L	95	-	106	106	100	110	87	-	-	88
Bicarbonate (as HCO3-)	SM2320B	mg/L	143	-	148	146	148	144	151	-	-	143
Boron, Dissolved	EPA 200.7	mg/L	2.6	-	2.51	3.10	2.88	2.71	2.86	-	-	3.37
Bromide, Dissolved	EPA 300.0	mg/L	37.0	-	45	45	48.7	48	47.4	-	-	53.6
Calcium	EPA 200.7	mg/L	349	-	621	606	607	587	598	-	-	541
Calcium, Dissolved	EPA 200.7	mg/L	371	-	581	660	595	584	583	-	-	551
Carbamates by HPLC (EPA 531)	EPA 531	µg/L	ND	-	-	-	-	-	-	-	-	-
Carbonate as CaCO3	SM2320B	mg/L	ND	-	ND	ND	ND	ND	ND	-	-	ND
Chloride, Dissolved	EPA 300.0	mg/L	13,830	-	14,476	14,344	15,724	15,721	15,869	-	-	14,186
Chlorinated Pesticides and PCB (EPA 5	EPA 508	µg/L	ND	-	-	-	-	-	-	-	-	-
Color, Apparent (Unfiltered)	SM2120B	Color Units	4	-	4	ND	ND	ND	ND	6	-	4
Copper	EPA 200.7	µg/L	-	-	-	-	-	ND	ND	-	-	ND
Copper, Total	EPA 200.8	µg/L	44	-	75	74	40	-	-	-	-	-
DBCP & EDB	EPA 504.1	µg/L	ND	-	-	-	-	-	-	-	-	-
Dioxin	EPA 1613	pg/L	ND	-	-	-	-	-	-	-	-	-
Diquat (EPA 549)	EPA 549	µg/L	ND	-	-	-	-	-	-	-	-	-
Dissolved Anions	Calculation	Meq/L	431.33	-	453.50	451.38	491.70	491.97	496.41	-	-	447.47
Total Anions	Calculation	Meq/L	431.33	-	453.50	451.38	491.70	491.97	496.41	-	-	447.47
Dissolved Cations	Calculation	Meq/L	455.09	-	435.45	479.03	508.91	458.32	460.38	-	-	494.88
Total Cations	Calculation	Meq/L	430.99	-	477.91	445.16	524.66	458.67	465.32	-	-	483.86
Fluoride, Dissolved	EPA 300.0	mg/L	0.2	-	0.7	ND	ND	0.7	ND	-	-	0.8
Hardness (as CaCO3)	SM2340B/Calc	mg/L	4,751	-	5,879	5,796	6,066	5,748	5,924	-	-	5,798
Hydroxide	SM2320B	mg/L	ND	-	ND	ND	ND	ND	ND	-	-	ND
Iodide	EPA 9056M	µg/L	ND	-	ND	ND	ND	ND	ND	-	-	ND
Iron	EPA 200.7	µg/L	69	-	99	ND	ND	ND	ND	-	-	ND
Iron, Dissolved	EPA 200.7	µg/L	65	-	ND	ND	ND	ND	ND	-	-	ND
Kjehldahl Nitrogen, Dissolved	SM4500-NH3 B,C.E	mg/L	ND	-	ND	ND	ND	ND	ND	-	-	ND
Lithium	EPA 200.8	µg/L	152	-	169	144	165	250	212	-	-	106
Magnesium	EPA 200.7	mg/L	942	-	1,050	1,040	1,100	1,040	1,080	-	-	1,080
Magnesium, Dissolved	EPA 200.7	mg/L	989	-	970	1,110	1,080	1,040	1,060	-	-	1,110
Manganese, Dissolved	EPA 200.7	µg/L	26	-	ND	ND	ND	ND	ND	-	-	ND
Manganese, Total	EPA 200.7	µg/L	26	-	ND	ND	ND	ND	ND	-	-	ND
MBAS (Surfactants)	SM5540C	mg/L	ND	-	ND	ND	ND	ND	ND	-	-	ND
Nitrate as NO3	EPA 300.0	mg/L	5	-	7	8	ND	6	8	-	-	6
Nitrate+Nitrite as N	EPA 300.0	mg/L	1.0	-	1.9	1.8	1.8	1.8	1.7	-	-	1.4
Nitrite as NO2-N, Dissolved	EPA 300.0	mg/L	ND	-	0.2	ND	ND	0.3	ND	-	-	ND
Odor Threshold at 60 C	SM2150B	TON	2	-	1	1	1	1	1	-	-	2
o-Phosphate-P	Hach 8048	mg/L	0.10	-	0.12	0.13	0.12	0.11	0.13	-	-	0.14
pH (Field Test)	SM4500-H+B	pH	7.03	6.86	6.84	6.85	6.94	6.91	6.94	7.01	7.05	7.04
pH (Laboratory)	SM4500-H+B	pH (H)	7.2	-	7.4	7.4	7.4	7.4	7.4	7.2	-	7.1
Phenoxy Acid Herbicides (515.3)	EPA 515.3	µg/L	ND	-	-	-	-	-	-	-	-	-
Phosphorus, Dissolved Total	HACH 8190	mg/L	0.09	-	0.10	0.13	0.13	0.07	0.14	-	-	0.10
Potassium	EPA 200.7	mg/L	203	-	212	209	231	220	226	-	-	256
Potassium, Dissolved	EPA 200.7	mg/L	213	-	185	230	227	219	220	-	-	263
QC Ratio TDS/SEC	Calculation	-	0.67	0.66	0.64	0.66	0.67	0.67	0.68	0.67	0.67	0.68
Reg. Org. Compounds (EPA 525)	EPA 525	µg/L	ND	-	-	-	-	-	-	-	-	-
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 = Micrograms per Liter
µmhos/cm = Micromhos per Centimeter

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

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

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

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

Notes:

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

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

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

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

		Sample Collection Date:	18-Feb-16	25-Feb-16	3-Mar-16
Constituent	**Method**	**Units**	**Result**	**Result**	**Result**
Alkalinity, Total (as CaCO3)	SM2320B	mg/L	110	110	110
Aluminum, Total	EPA 200.8	µg/L	ND	ND	ND
Ammonia-N, Dissolved	SM4500NH3 D	mg/L	ND	ND	ND
Arsenic, Total [1]	EPA 200.8	µg/L	-	-	-
Arsenic, Total	EPA 1640	µg/L	0.28	0.30	0.28
Barium, Dissolved	EPA 200.8	µg/L	ND	71	75
Bicarbonate (as HCO3-)	SM2320B	mg/L	134	134	134
Boron, Dissolved	EPA 200.7	mg/L	3.19	3.31	3.43
Bromide, Dissolved	EPA 300.0	mg/L	52.6	52.6	52.3
Calcium	EPA 200.7	mg/L	497	510	493
Calcium, Dissolved	EPA 200.7	mg/L	503	510	502
Carbamates by HPLC (EPA 531)	EPA 531	µg/L	-	-	-
Carbonate as CaCO3	SM2320B	mg/L	ND	ND	ND
Chloride, Dissolved	EPA 300.0	mg/L	17,243	17,186	17,337
Chlorinated Pesticides and PCB (EPA 5	EPA 508	µg/L	-	-	-
Color, Apparent (Unfiltered)	SM2120B	Color Units	ND	ND	ND
Copper	EPA 200.7	µg/L	ND	ND	ND
Copper, Total	EPA 200.8	µg/L	-	-	-
DBCP & EDB	EPA 504.1	µg/L	-	-	-
Dioxin	EPA 1613	pg/L	-	-	-
Diquat (EPA 549)	EPA 549	µg/L	-	-	-
Dissolved Anions	Calculation	Meq/L	538.01	536.27	541.32
Total Anions	Calculation	Meq/L	538.01	536.27	541.32
Dissolved Cations	Calculation	Meq/L	522.84	541.86	557.28
Total Cations	Calculation	Meq/L	520.40	544.60	540.75
Fluoride, Dissolved	EPA 300.0	mg/L	ND	ND	1.1
Hardness (as CaCO3)	SM2340B/Calc	mg/L	5,870	6,112	5,901
Hydroxide	SM2320B	mg/L	ND	ND	ND
Iodide	EPA 9056M	µg/L	ND	ND	ND
Iron	EPA 200.7	µg/L	ND	ND	ND
Iron, Dissolved	EPA 200.7	µg/L	ND	ND	ND
Kjehldahl Nitrogen, Dissolved	SM4500-NH3 B,C.E	mg/L	ND	ND	ND
Lithium	EPA 200.8	µg/L	154	164	166
Magnesium	EPA 200.7	mg/L	1,120	1,180	1,130
Magnesium, Dissolved	EPA 200.7	mg/L	1,120	1,170	1,180
Manganese, Dissolved	EPA 200.7	µg/L	ND	ND	ND
Manganese, Total	EPA 200.7	µg/L	ND	ND	ND
MBAS (Surfactants)	SM5540C	mg/L	ND	ND	ND
Nitrate as NO3	EPA 300.0	mg/L	8	8	8
Nitrate+Nitrite as N	EPA 300.0	mg/L	1.8	1.8	1.8
Nitrite as NO2-N, Dissolved	EPA 300.0	mg/L	ND	ND	ND
Odor Threshold at 60 C	SM2150B	TON	1	1	1
o-Phosphate-P	Hach 8048	mg/L	0.11	0.12	0.11
pH (Field Test)	SM4500-H+B	pH	7.11	7.12	7.14
pH (Laboratory)	SM4500-H+B	pH (H)	7.3	6.8	7.3
Phenoxy Acid Herbicides (515.3)	EPA 515.3	µg/L	-	-	-
Phosphorus, Dissolved Total	HACH 8190	mg/L	0.11	0.10	0.10
Potassium	EPA 200.7	mg/L	261	271	273
Potassium, Dissolved	EPA 200.7	mg/L	261	271	280
QC Ratio TDS/SEC	Calculation	-	0.67	0.67	0.69
Reg. Org. Compounds (EPA 525)	EPA 525	µg/L	-	-	-
Silica as SiO2, Dissolved	EPA 200.7	mg/L	12	12	14
Sodium	EPA 200.7	mg/L	9,121	9,543	9,401
Sodium, Dissolved	EPA 200.7	mg/L	9,170	9,480	9,680
Specific Conductance (E.C)	SM2510B	µmhos/cm	45,560	46,190	46,380
Specific Conductance (E.C) (Field)	SM2510B	µmhos/cm	46,403	46,259	46,381
Strontium, Dissolved	EPA 200.8	µg/L	7,671	7,823	7,910
Sulfate, Dissolved	EPA 300.0	mg/L	2,334	2,328	2,366
Temperature (Field)	SM2550	° C	15.1	15.0	15.0
Total Diss. Solids	SM2540C	mg/L	30,700	30,800	31,800
Turbidity	EPA 180.1	NTU	0.10	0.10	0.30
Turbidity (Field)	EPA 180.1	NTU	0.33	0.15	0.08
Volatile Org. Compounds (524)	EPA 524	µg/L	-	-	-
Zinc	EPA 200.7	µg/L	ND	ND	ND
Zinc, Total	EPA 200.8	µg/L	-	-	-
PCBs, Total	EPA 508	µg/L	-	-	-
Total PCB	EPA 1668C	pg/L	-	-	-

Notes:

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

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

APPENDICES

GEOSCIENCE

APPENDIX A-1

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

8-Dec-14

GEOSCIENCE

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

CALIFORNIA COASTAL COMMISSION

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

COASTAL DEVELOPMENT PERMIT

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

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

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

CHARLES LESTER
Executive Director

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

Acknowledgment:

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

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

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

12/8/14
Date

Signature of Permittee or Representative

STANDARD CONDITIONS

This permit is subject to the following standard conditions:

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

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

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

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

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

SPECIAL CONDITIONS

This permit is subject to the following special conditions:

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

APPENDIX A-2

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

13-Oct-15

GEOSCIENCE

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

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

COASTAL DEVELOPMENT PERMIT AMENDMENT

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

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

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

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

CHARLES LESTER
Executive Director

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

Acknowledgment:

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

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

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

10/13/15
Date

Signature of Permittee or Representative

SPECIAL CONDITIONS

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

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

APPENDIX B

Groundwater Level and Salinity Instrument Data

13-April-16 - 20-April-16

GEOSCIENCE

Report Date: 4/22/2016 8:22:02 AM
Report User Name: KMakar
Report Computer Name: WKST46
Application: WinSitu.exe
Application Version: 5.6.25.0

Log File Properties:
File Name: MPWSP MW-1D LT Test_2016-04-21_10-19-12-955.wsl
Create Date: 4/21/2016 10:14:56 AM

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

Log Configuration
Log Name: MPWSP MW-1D LT Test
Created By: KMakar
Computer Name: PROBOOK10
Application: WinSitu.exe
Application Version: 5.6.25.0
Create Date: 11/5/2015 11:47:18 AM Pacific Standard Time
Log Setup Time Zone: Pacific Standard Time
Notes Size(bytes): 4096
Overwrite when full: Enabled
Scheduled Start Time: 11/5/2015 1:00:00 PM Pacific Standard Time
Scheduled Stop Time: No Stop Time
Type: Linear
Interval: Days: 0 hrs: 00 mins: 15 secs: 00

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

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

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

TDS Factor: 0.68

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Log Notes:

Date and Time	Note
11/5/2015 11:47:27 AM	Used Battery: 6% Used Memory: 3% User Name: KMakar
11/12/2015 9:34:00 AM	Log Download - Used Battery: 7% Used Memory: 3% User Name: CShaw
11/19/2015 2:45:06 PM	Log Download - Used Battery: 7% Used Memory: 4% User Name: KMakar Interval - Start Time: 11/5/2015 1:00:00 PM Stop Time: 11/19/2015 2:45:00 PM
11/29/2015 9:01:14 AM	Log Download - Used Battery: 8% Used Memory: 4% User Name: CShaw Interval - Start Time: 11/13/2015 1:00:00 AM Stop Time: 11/29/2015 5:30:00 PM
12/3/2015 10:35:30 AM	Log Download - Used Battery: 8% Used Memory: 6% User Name: KMakar Interval - Start Time: 11/18/2015 7:00:00 AM Stop Time: 12/3/2015 10:35:00 AM
12/10/2015 8:33:47 AM	Log Download - Used Battery: 8% Used Memory: 6% User Name: CShaw Interval - Start Time: 10/13/2015 1:00:00 AM Stop Time: 12/10/2015 2:30:00 PM
12/17/2015 11:02:21 AM	Log Download - Used Battery: 9% Used Memory: 7% User Name: KMakar Interval - Start Time: 12/1/2015 12:00:00 PM Stop Time: 12/17/2015 11:00:00 AM
1/3/2016 9:47:16 AM	Log Download - Used Battery: 9% Used Memory: 9% User Name: CShaw Interval - Start Time: 11/30/2015 1:00:00 AM Stop Time: 1/3/2016 5:45:00 PM
1/7/2016 10:06:29 AM	Log Download - Used Battery: 10% Used Memory: 9% User Name: KMakar Interval - Start Time: 12/31/2015 10:00:00 AM Stop Time: 1/7/2016 10:45:00 AM
1/14/2016 8:19:05 AM	Log Download - Used Battery: 10% 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 11:31:28 AM	Log Download - Used Battery: 10% Used Memory: 10% 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 1:37:58 PM	Log Download - Used Battery: 11% 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 9:04:17 AM	Log Download - Used Battery: 11% Used Memory: 12% 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 9:08:22 AM	Log Download - Used Battery: 11% Used Memory: 12% 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 9:02:04 AM	Log Download - Used Battery: 11% 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 8:50:19 AM	Log Download - Used Battery: 12% Used Memory: 14% User Name: CShaw Interval - Start Time: 2/4/2016 5:30:00 PM Stop Time: 2/18/2016 7:00:00 PM
2/25/2016 11:49:02 AM	Log Download - Used Battery: 12% Used Memory: 15% 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 8:35:39 AM	Log Download - Used Battery: 13% Used Memory: 15% User Name: SKuiper Interval - Start Time: 1/31/2016 12:00:01 AM Stop Time: 3/3/2016 8:30:00 AM
3/10/2016 8:28:11 AM	Log Download - Used Battery: 13% Used Memory: 17% 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 5:39:44 PM	Log Download - Used Battery: 13% Used Memory: 17% User Name: SKuiper Interval - Start Time: 3/8/2016 9:00:00 AM Stop Time: 3/17/2016 6:30:00 PM
3/24/2016 12:13:08 PM	Log Download - Used Battery: 14% Used Memory: 18% 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 10:50:32 AM	Log Download - Used Battery: 14% Used Memory: 18% User Name: SKuiper Interval - Start Time: 3/22/2016 12:00:00 PM Stop Time: 3/31/2016 11:30:00 AM
4/7/2016 11:51:33 AM	Log Download - Used Battery: 14% Used Memory: 20% User Name: KMakar Interval - Start Time: 2/29/2016 5:00:00 PM Stop Time: 4/7/2016 11:50:00 AM
4/14/2016 1:12:40 PM	Log Download - Used Battery: 15% Used Memory: 21% User Name: SKuiper Interval - Start Time: 4/5/2016 12:00:00 PM Stop Time: 4/14/2016 1:00:00 PM
4/21/2016 10:13:56 AM	Log Download - Used Battery: 15% Used Memory: 21% User Name: ELinden Interval - Start Time: 4/12/2016 1:30:00 PM Stop Time: 4/21/2016 11:00:00 AM

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Log Data:

Record Count: 851

Sensors: 1
1 - 398881: 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#: 398881	SN#: 398881	SN#: 398881	SN#: 398881	SN#: 398881	SN#: 398881	SN#: 398881	SN#: 398881	SN#: 398881
Date and Time	Seconds	Pressure (PSI)	Temperature (C)	Depth (ft)	Actual Conductivity (µS)	Specific Conductivity (µS)	Salinity (PSU)	Total Dissolved Solids (ppm)	Resistivity (ohm-cm)	Water Density (g/cm3)
4/14/2016 12:00:00 AM	124200.000	121.824	19.229	274.419	40973.762	46049.668	30.141	31313.775	24.406	1.021
4/14/2016 12:15:00 AM	125100.000	121.811	19.229	274.391	40959.855	46034.293	30.130	31303.322	24.414	1.021
4/14/2016 12:30:00 AM	126000.000	121.803	19.229	274.372	41002.223	46081.828	30.165	31335.645	24.389	1.021
4/14/2016 12:45:00 AM	126900.000	121.824	19.222	274.419	40961.020	46042.488	30.136	31308.893	24.413	1.021
4/14/2016 1:00:00 AM	127800.000	121.829	19.222	274.432	40958.871	46039.730	30.134	31307.018	24.415	1.021
4/14/2016 1:15:00 AM	128700.000	121.906	19.223	274.606	40985.160	46067.910	30.154	31326.182	24.399	1.021
4/14/2016 1:30:00 AM	129600.000	121.897	19.218	274.586	40968.523	46054.203	30.144	31316.859	24.409	1.021
4/14/2016 1:45:00 AM	130500.000	121.901	19.225	274.593	40977.203	46056.980	30.146	31318.748	24.404	1.021
4/14/2016 2:00:00 AM	131400.000	121.983	19.227	274.778	40991.297	46071.359	30.157	31328.527	24.395	1.021
4/14/2016 2:15:00 AM	132300.000	121.951	19.224	274.705	40950.176	46028.414	30.125	31299.324	24.420	1.021
4/14/2016 2:30:00 AM	133200.000	122.073	19.223	274.981	40984.598	46067.355	30.154	31325.805	24.399	1.021
4/14/2016 2:45:00 AM	134100.000	121.994	19.229	274.804	40967.996	46043.527	30.137	31309.602	24.409	1.021
4/14/2016 3:00:00 AM	135000.000	122.048	19.235	274.925	41000.910	46074.414	30.159	31330.604	24.390	1.021
4/14/2016 3:15:00 AM	135900.000	122.127	19.239	275.103	40989.496	46057.883	30.148	31319.363	24.396	1.021

4/14/2016 3:30:00 AM 136800.000 122.076 19.230 274.989
40988.500 46064.934 30.152 31324.156 24.397
1.021
4/14/2016 3:45:00 AM 137700.000 122.096 19.228 275.033
40973.750 46050.438 30.142 31314.299 24.406
1.021
4/14/2016 4:00:00 AM 138600.000 122.143 19.227 275.139
40989.117 46069.172 30.155 31327.037 24.397
1.021
4/14/2016 4:15:00 AM 139500.000 122.207 19.226 275.282
40993.043 46074.445 30.159 31330.623 24.394
1.021
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40980.781 46061.004 30.149 31321.484 24.402
1.021
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1.021
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40964.887 46037.891 30.133 31305.768 24.411
1.021
4/14/2016 5:15:00 AM 143100.000 122.181 19.217 275.225
40969.609 46056.887 30.146 31318.686 24.408
1.021
4/14/2016 5:30:00 AM 144000.000 122.142 19.216 275.137
40951.449 46037.500 30.132 31305.502 24.419
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40954.867 46037.727 30.132 31305.656 24.417
1.021
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40970.633 46062.164 30.150 31322.273 24.408
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40945.230 46035.070 30.130 31303.848 24.423
1.021
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40963.875 46048.887 30.140 31313.246 24.412
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40940.297 46023.160 30.121 31295.752 24.426
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40971.508 46059.973 30.148 31320.783 24.407
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40950.957 46038.926 30.133 31306.473 24.419
1.021
4/14/2016 7:45:00 AM 152100.000 121.901 19.211 274.594
40951.203 46042.387 30.135 31308.826 24.419
1.021
4/14/2016 8:00:00 AM 153000.000 121.857 19.215 274.495
40964.586 46053.398 30.143 31316.313 24.411
1.021
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40960.570 46049.734 30.141 31313.822 24.414
1.021
4/14/2016 8:30:00 AM 154800.000 121.763 19.215 274.282
40969.453 46058.691 30.147 31319.912 24.408
1.021
4/14/2016 8:45:00 AM 155700.000 121.759 19.212 274.273
40932.742 46020.086 30.119 31293.660 24.430
1.021
4/14/2016 9:00:00 AM 156600.000 121.670 19.215 274.075
40984.113 46074.656 30.159 31330.768 24.400
1.021
4/14/2016 9:15:00 AM 157500.000 121.651 19.211 274.032
40964.578 46056.664 30.145 31318.533 24.411
1.021
4/14/2016 9:30:00 AM 158400.000 121.599 19.212 273.914
40958.559 46048.938 30.140 31313.277 24.415
1.021
4/14/2016 9:45:00 AM 159300.000 121.555 19.209 273.815
40948.805 46041.074 30.134 31307.934 24.421
1.021
4/14/2016 10:00:00 AM 160200.000 121.540 19.204 273.780
40958.160 46056.332 30.145 31318.309 24.415
1.021
4/14/2016 10:15:00 AM 161100.000 121.520 19.205 273.735
40948.348 46044.430 30.136 31310.215 24.421
1.021
4/14/2016 10:30:00 AM 162000.000 121.417 19.205 273.503
40945.504 46041.410 30.134 31308.160 24.423
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4/14/2016 10:45:00 AM 162900.000 121.425 19.207 273.523
40936.148 46029.520 30.125 31300.076 24.428
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4/14/2016 11:00:00 AM 163800.000 121.406 19.211 273.479
40966.633 46059.480 30.148 31320.447 24.410
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40941.789 46032.152 30.128 31301.865 24.425
1.021
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40941.309 46034.371 30.129 31303.375 24.425
1.021
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40953.383 46049.496 30.140 31313.660 24.418
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40948.613 46038.012 30.132 31305.850 24.421
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40977.082 46057.961 30.147 31319.416 24.404
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4/14/2016 12:30:00 PM 169200.000 121.302 19.220 273.244
40947.859 46029.688 30.126 31300.188 24.421
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40985.465 46064.977 30.152 31324.184 24.399

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4/14/2016 1:15:00 PM 171900.000 121.305 19.232 273.251
40969.020 46040.980 30.135 31307.869 24.409
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4/14/2016 1:30:00 PM 172800.000 121.387 19.226 273.437
41007.395 46090.230 30.171 31341.357 24.386
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40976.375 46077.938 30.161 31333.000 24.404
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1.021
4/14/2016 4:00:00 PM 181800.000 121.719 19.226 274.183
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1.021
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1.021
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1.021
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1.021

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40956.625 46047.195 30.139 31312.096 24.416
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1.021
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1.021
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1.021
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1.021
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4/15/2016 1:15:00 AM 215100.000 121.752 19.207 274.258
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1.021
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4/15/2016 2:00:00 AM 217800.000 121.800 19.197 274.367
40940.516 46044.320 30.136 31310.141 24.426
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4/15/2016 2:30:00 AM 219600.000 121.841 19.199 274.458
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4/15/2016 2:45:00 AM 220500.000 121.888 19.207 274.565
40946.293 46040.664 30.134 31307.654 24.422
1.021
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1.021
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1.021
4/15/2016 3:30:00 AM 223200.000 121.900 19.221 274.591
40960.734 46042.691 30.136 31309.033 24.414

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40914.051 46008.191 30.110 31285.572 24.441
1.021
4/15/2016 4:45:00 AM 227700.000 122.042 19.201 274.912
40925.395 46023.363 30.121 31295.889 24.435
1.021
4/15/2016 5:00:00 AM 228600.000 122.040 19.203 274.908
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4/15/2016 5:15:00 AM 229500.000 122.028 19.208 274.879
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1.021
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40959.707 46047.313 30.139 31312.174 24.414
1.021
4/15/2016 5:45:00 AM 231300.000 122.076 19.209 274.989
40897.449 45983.250 30.092 31268.609 24.451
1.021
4/15/2016 6:00:00 AM 232200.000 122.099 19.215 275.040
40935.410 46020.078 30.119 31293.656 24.429
1.021
4/15/2016 6:15:00 AM 233100.000 122.107 19.207 275.059
40965.219 46061.602 30.149 31321.891 24.411
1.021
4/15/2016 6:30:00 AM 234000.000 122.091 19.206 275.022
40924.293 46016.270 30.116 31291.064 24.435
1.021
4/15/2016 6:45:00 AM 234900.000 122.100 19.215 275.043
40905.672 45986.563 30.095 31270.865 24.446
1.021
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1.021
4/15/2016 7:15:00 AM 236700.000 122.081 19.207 274.999
40914.867 46004.895 30.108 31283.328 24.441
1.021
4/15/2016 7:30:00 AM 237600.000 122.088 19.214 275.014
40905.594 45988.109 30.096 31271.916 24.447
1.021
4/15/2016 7:45:00 AM 238500.000 122.047 19.229 274.923
40981.176 46057.918 30.147 31319.385 24.401
1.021
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1.021
4/15/2016 8:15:00 AM 240300.000 121.998 19.213 274.812
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1.021

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1.021
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1.021
4/15/2016 9:00:00 AM 243000.000 121.883 19.204 274.554
40915.883 46008.789 30.110 31285.979 24.440
1.021
4/15/2016 9:15:00 AM 243900.000 121.837 19.204 274.450
40911.555 46004.691 30.107 31283.193 24.443
1.021
4/15/2016 9:30:00 AM 244800.000 121.771 19.206 274.301
40919.293 46011.164 30.112 31287.594 24.438
1.021
4/15/2016 9:45:00 AM 245700.000 121.735 19.214 274.220
40918.762 46002.305 30.106 31281.570 24.439
1.021
4/15/2016 10:00:00 AM 246600.000 121.710 19.219 274.165
40925.242 46005.293 30.108 31283.602 24.435
1.021
4/15/2016 10:15:00 AM 247500.000 121.676 19.212 274.087
40926.664 46013.594 30.114 31289.246 24.434
1.021
4/15/2016 10:30:00 AM 248400.000 121.645 19.209 274.017
40927.621 46017.254 30.117 31291.734 24.433
1.021
4/15/2016 10:45:00 AM 249300.000 121.634 19.202 273.993
40905.102 45999.086 30.103 31279.381 24.447
1.021
4/15/2016 11:00:00 AM 250200.000 121.567 19.199 273.842
40899.430 45995.277 30.100 31276.791 24.450
1.021
4/15/2016 11:15:00 AM 251100.000 121.536 19.213 273.772
40909.031 45993.164 30.099 31275.352 24.444
1.021
4/15/2016 11:30:00 AM 252000.000 121.493 19.211 273.676
40898.098 45982.680 30.091 31268.225 24.451
1.021
4/15/2016 11:45:00 AM 252900.000 121.472 19.213 273.626
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1.021
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1.021
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1.021
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1.021
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40917.254 46013.340 30.113 31289.074 24.440
1.021
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1.021
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40904.625 45986.156 30.094 31270.588 24.447
1.021
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40898.504 45984.168 30.093 31269.236 24.451
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4/15/2016 1:45:00 PM 260100.000 121.393 19.202 273.450
40889.469 45981.676 30.090 31267.539 24.456
1.021
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40929.234 46027.684 30.124 31298.826 24.432
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40896.012 45991.871 30.098 31274.473 24.452
1.021
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40900.547 45986.383 30.094 31270.742 24.450
1.021
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40895.359 45972.297 30.084 31261.164 24.453
1.021
4/15/2016 3:00:00 PM 264600.000 121.498 19.209 273.687
40906.203 45993.270 30.099 31275.426 24.446
1.021
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40918.961 45998.734 30.104 31279.143 24.439
1.021
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40916.547 45999.996 30.104 31279.998 24.440
1.021
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1.021
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1.021
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40905.656 45981.543 30.091 31267.451 24.446
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1.021
4/15/2016 5:00:00 PM 271800.000 121.777 19.227 274.315
40929.836 46002.453 30.107 31281.670 24.432
1.021
4/15/2016 5:15:00 PM 272700.000 121.818 19.223 274.406
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1.021
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1.021
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40953.918 46037.609 30.132 31305.576 24.418
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40910.055 45997.156 30.102 31278.068 24.444
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4/15/2016 6:30:00 PM 277200.000 121.996 19.212 274.807
40906.238 45990.543 30.097 31273.570 24.446
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4/15/2016 6:45:00 PM 278100.000 122.031 19.213 274.887
40924.418 46010.117 30.112 31286.883 24.435
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4/15/2016 7:00:00 PM 279000.000 122.040 19.206 274.908
40927.199 46020.145 30.119 31293.701 24.434
1.021
4/15/2016 7:15:00 PM 279900.000 122.019 19.194 274.860
40915.168 46018.234 30.117 31292.402 24.441
1.021
4/15/2016 7:30:00 PM 280800.000 122.068 19.205 274.970
40880.988 45968.605 30.081 31258.654 24.461
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4/15/2016 7:45:00 PM 281700.000 122.060 19.212 274.952
40906.281 45990.422 30.097 31273.486 24.446
1.021
4/15/2016 8:00:00 PM 282600.000 122.044 19.198 274.916
40930.887 46032.465 30.127 31302.078 24.431
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40917.320 46014.020 30.114 31289.535 24.440
1.021
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40924.895 46015.996 30.116 31290.879 24.435
1.021
4/15/2016 8:45:00 PM 285300.000 122.061 19.213 274.955
40911.496 45995.680 30.101 31277.063 24.443
1.021
4/15/2016 9:00:00 PM 286200.000 122.040 19.204 274.908
40919.863 46013.949 30.114 31289.488 24.438
1.021
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1.021
4/15/2016 9:30:00 PM 288000.000 122.016 19.230 274.854
40927.238 45996.266 30.102 31277.463 24.434
1.021
4/15/2016 9:45:00 PM 288900.000 121.996 19.229 274.807
40939.844 46011.035 30.113 31287.506 24.426
1.021
4/15/2016 10:00:00 PM 289800.000 121.987 19.215 274.788
40911.105 45993.441 30.100 31275.543 24.443
1.021
4/15/2016 10:15:00 PM 290700.000 121.962 19.195 274.731
40916.320 46018.660 30.117 31292.689 24.440
1.021
4/15/2016 10:30:00 PM 291600.000 121.934 19.200 274.669
40934.930 46035.109 30.129 31303.877 24.429
1.021
4/15/2016 10:45:00 PM 292500.000 121.923 19.198 274.642
40929.680 46031.191 30.126 31301.213 24.432
1.021

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40888.844	45988.281	30.095	31272.031	24.457
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4/15/2016 11:15:00 PM	294300.000	121.794	19.196	274.353
40902.109	46001.656	30.105	31281.129	24.449
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40887.371	45973.543	30.085	31262.010	24.457
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4/15/2016 11:45:00 PM	296100.000	121.777	19.210	274.315
40916.230	46003.762	30.107	31282.561	24.440
1.021				
4/16/2016 12:00:00 AM	297000.000	121.760	19.208	274.276
40908.707	45997.535	30.102	31278.326	24.445
1.021				
4/16/2016 12:15:00 AM	297900.000	121.742	19.202	274.235
40940.590	46038.730	30.132	31306.340	24.426
1.021				
4/16/2016 12:30:00 AM	298800.000	121.724	19.216	274.196
40904.000	45984.504	30.093	31269.465	24.447
1.021				
4/16/2016 12:45:00 AM	299700.000	121.675	19.200	274.085
40919.797	46017.836	30.117	31292.129	24.438
1.021				
4/16/2016 1:00:00 AM	300600.000	121.672	19.193	274.077
40919.250	46023.934	30.121	31296.275	24.438
1.021				
4/16/2016 1:15:00 AM	301500.000	121.673	19.214	274.081
40929.031	46014.277	30.115	31289.711	24.433
1.021				
4/16/2016 1:30:00 AM	302400.000	121.642	19.218	274.010
40907.969	45986.133	30.094	31270.572	24.445
1.021				
4/16/2016 1:45:00 AM	303300.000	121.656	19.229	274.043
40935.008	46005.766	30.109	31283.924	24.429
1.021				
4/16/2016 2:00:00 AM	304200.000	121.647	19.217	274.021
40947.598	46031.879	30.128	31301.680	24.421
1.021				
4/16/2016 2:15:00 AM	305100.000	121.663	19.220	274.058
40939.215	46019.449	30.119	31293.229	24.426
1.021				
4/16/2016 2:30:00 AM	306000.000	121.678	19.200	274.092
40931.496	46031.168	30.126	31301.197	24.431
1.021				
4/16/2016 2:45:00 AM	306900.000	121.690	19.199	274.118
40926.234	46026.027	30.123	31297.701	24.434
1.021				
4/16/2016 3:00:00 AM	307800.000	121.706	19.205	274.154
40933.879	46028.250	30.124	31299.211	24.430
1.021				
4/16/2016 3:15:00 AM	308700.000	121.735	19.202	274.219
40918.742	46013.984	30.114	31289.510	24.439
1.021				
4/16/2016 3:30:00 AM	309600.000	121.759	19.195	274.273
40915.531	46018.121	30.117	31292.324	24.441
1.021				
4/16/2016 3:45:00 AM	310500.000	121.768	19.194	274.294

40895.285 45995.953 30.100 31277.250 24.453
1.021
4/16/2016 4:00:00 AM 311400.000 121.789 19.198 274.341
40921.965 46021.926 30.120 31294.912 24.437
1.021
4/16/2016 4:15:00 AM 312300.000 121.794 19.204 274.353
40922.629 46016.797 30.116 31291.424 24.436
1.021
4/16/2016 4:30:00 AM 313200.000 121.834 19.219 274.442
40915.355 45994.000 30.100 31275.920 24.441
1.021
4/16/2016 4:45:00 AM 314100.000 121.852 19.209 274.484
40933.102 46024.020 30.122 31296.336 24.430
1.021
4/16/2016 5:00:00 AM 315000.000 121.920 19.205 274.638
40922.492 46015.957 30.115 31290.854 24.436
1.021
4/16/2016 5:15:00 AM 315900.000 121.928 19.221 274.656
40935.984 46014.793 30.115 31290.061 24.428
1.021
4/16/2016 5:30:00 AM 316800.000 121.941 19.225 274.685
40976.820 46057.500 30.147 31319.102 24.404
1.021
4/16/2016 5:45:00 AM 317700.000 121.957 19.224 274.720
40931.098 46006.363 30.109 31284.330 24.431
1.021
4/16/2016 6:00:00 AM 318600.000 121.986 19.219 274.785
40940.109 46021.570 30.120 31294.670 24.426
1.021
4/16/2016 6:15:00 AM 319500.000 121.990 19.216 274.795
40907.973 45988.363 30.096 31272.090 24.445
1.021
4/16/2016 6:30:00 AM 320400.000 122.018 19.196 274.858
40910.367 46010.762 30.111 31287.318 24.444
1.021
4/16/2016 6:45:00 AM 321300.000 122.054 19.213 274.939
40923.848 46009.145 30.111 31286.221 24.436
1.021
4/16/2016 7:00:00 AM 322200.000 122.067 19.213 274.967
40953.082 46042.688 30.135 31309.029 24.418
1.021
4/16/2016 7:15:00 AM 323100.000 122.069 19.223 274.973
40933.281 46010.285 30.112 31286.994 24.430
1.021
4/16/2016 7:30:00 AM 324000.000 122.065 19.213 274.963
40953.707 46043.227 30.136 31309.396 24.418
1.021
4/16/2016 7:45:00 AM 324900.000 122.057 19.211 274.944
40925.023 46013.047 30.114 31288.873 24.435
1.021
4/16/2016 8:00:00 AM 325800.000 122.026 19.201 274.875
40953.660 46054.969 30.144 31317.381 24.418
1.021
4/16/2016 8:15:00 AM 326700.000 122.041 19.199 274.910
40945.953 46047.691 30.138 31312.432 24.422
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4/16/2016 8:30:00 AM 327600.000 122.035 19.192 274.897
40937.906 46046.297 30.137 31311.482 24.427

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4/16/2016 8:45:00 AM 328500.000 121.982 19.194 274.776
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1.021
4/16/2016 9:00:00 AM 329400.000 121.997 19.198 274.810
40910.891 46009.977 30.111 31286.787 24.443
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4/16/2016 9:15:00 AM 330300.000 121.932 19.202 274.664
40916.035 46011.117 30.112 31287.561 24.440
1.021
4/16/2016 9:30:00 AM 331200.000 121.922 19.211 274.640
40925.809 46013.836 30.114 31289.410 24.434
1.021
4/16/2016 9:45:00 AM 332100.000 121.867 19.208 274.517
40920.250 46009.996 30.111 31286.799 24.438
1.021
4/16/2016 10:00:00 AM 333000.000 121.855 19.200 274.489
40924.996 46023.336 30.121 31295.869 24.435
1.021
4/16/2016 10:15:00 AM 333900.000 121.790 19.190 274.345
40929.711 46038.203 30.131 31305.980 24.432
1.021
4/16/2016 10:30:00 AM 334800.000 121.776 19.190 274.313
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1.021
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40918.543 46006.789 30.109 31284.619 24.439
1.021
4/16/2016 11:00:00 AM 336600.000 121.692 19.214 274.123
40928.137 46013.531 30.114 31289.201 24.433
1.021
4/16/2016 11:15:00 AM 337500.000 121.668 19.219 274.068
40926.457 46006.223 30.109 31284.232 24.434
1.021
4/16/2016 11:30:00 AM 338400.000 121.622 19.221 273.964
40961.813 46043.645 30.136 31309.680 24.413
1.021
4/16/2016 11:45:00 AM 339300.000 121.576 19.221 273.862
40972.730 46056.602 30.146 31318.490 24.406
1.021
4/16/2016 12:00:00 PM 340200.000 121.545 19.215 273.793
40913.922 45996.180 30.102 31277.402 24.442
1.021
4/16/2016 12:15:00 PM 341100.000 121.516 19.206 273.728
40898.152 45987.391 30.095 31271.428 24.451
1.021
4/16/2016 12:30:00 PM 342000.000 121.499 19.207 273.689
40943.129 46036.582 30.131 31304.879 24.424
1.021
4/16/2016 12:45:00 PM 342900.000 121.460 19.204 273.600
40924.516 46018.582 30.117 31292.639 24.435
1.021
4/16/2016 1:00:00 PM 343800.000 121.426 19.198 273.525
40930.957 46031.859 30.127 31301.666 24.431
1.021
4/16/2016 1:15:00 PM 344700.000 121.380 19.187 273.420
40927.824 46039.707 30.132 31307.004 24.433
1.021

4/16/2016 1:30:00 PM	345600.000	121.356	19.184	273.366
40901.488	46012.484	30.112	31288.492	24.449
1.021				
4/16/2016 1:45:00 PM	346500.000	121.386	19.185	273.434
40920.512	46033.281	30.127	31302.633	24.438
1.021				
4/16/2016 2:00:00 PM	347400.000	121.344	19.187	273.340
40906.418	46015.797	30.115	31290.742	24.446
1.021				
4/16/2016 2:15:00 PM	348300.000	121.344	19.193	273.340
40909.176	46012.266	30.112	31288.344	24.444
1.021				
4/16/2016 2:30:00 PM	349200.000	121.363	19.195	273.382
40927.207	46030.484	30.126	31300.732	24.434
1.021				
4/16/2016 2:45:00 PM	350100.000	121.372	19.207	273.403
40934.992	46028.223	30.125	31299.193	24.429
1.021				
4/16/2016 3:00:00 PM	351000.000	121.393	19.212	273.450
40952.320	46042.793	30.135	31309.102	24.419
1.021				
4/16/2016 3:15:00 PM	351900.000	121.421	19.222	273.512
40936.516	46014.520	30.115	31289.875	24.428
1.021				
4/16/2016 3:30:00 PM	352800.000	121.444	19.218	273.564
40953.930	46037.801	30.132	31305.705	24.418
1.021				
4/16/2016 3:45:00 PM	353700.000	121.444	19.206	273.564
40955.543	46051.586	30.142	31315.078	24.417
1.021				
4/16/2016 4:00:00 PM	354600.000	121.490	19.225	273.668
40946.637	46023.484	30.122	31295.971	24.422
1.021				
4/16/2016 4:15:00 PM	355500.000	121.515	19.207	273.725
40923.473	46015.004	30.115	31290.205	24.436
1.021				
4/16/2016 4:30:00 PM	356400.000	121.556	19.215	273.816
40971.648	46060.980	30.149	31321.469	24.407
1.021				
4/16/2016 4:45:00 PM	357300.000	121.589	19.212	273.892
40961.965	46053.113	30.143	31316.119	24.413
1.021				
4/16/2016 5:00:00 PM	358200.000	121.629	19.210	273.980
40913.156	46000.047	30.104	31280.033	24.442
1.021				
4/16/2016 5:15:00 PM	359100.000	121.688	19.207	274.115
40913.633	46003.848	30.107	31282.619	24.442
1.021				
4/16/2016 5:30:00 PM	360000.000	121.703	19.197	274.148
40915.637	46015.918	30.115	31290.824	24.441
1.021				
4/16/2016 5:45:00 PM	360900.000	121.756	19.203	274.268
40955.551	46054.609	30.144	31317.137	24.417
1.021				
4/16/2016 6:00:00 PM	361800.000	121.783	19.211	274.328
40947.352	46038.148	30.132	31305.943	24.422
1.021				
4/16/2016 6:15:00 PM	362700.000	121.857	19.220	274.495

40916.461 45993.688 30.100 31275.709 24.440
1.021
4/16/2016 6:30:00 PM 363600.000 121.857 19.214 274.496
40935.051 46021.043 30.120 31294.311 24.429
1.021
4/16/2016 6:45:00 PM 364500.000 121.926 19.217 274.651
40948.035 46032.633 30.128 31302.193 24.421
1.021
4/16/2016 7:00:00 PM 365400.000 121.951 19.209 274.705
40969.227 46063.953 30.151 31323.490 24.409
1.021
4/16/2016 7:15:00 PM 366300.000 121.978 19.203 274.768
40902.734 45995.641 30.101 31277.037 24.448
1.021
4/16/2016 7:30:00 PM 367200.000 122.021 19.203 274.863
40932.105 46028.762 30.125 31299.561 24.431
1.021
4/16/2016 7:45:00 PM 368100.000 122.038 19.197 274.902
40919.910 46020.461 30.118 31293.914 24.438
1.021
4/16/2016 8:00:00 PM 369000.000 122.065 19.194 274.963
40948.820 46056.082 30.144 31318.139 24.421
1.021
4/16/2016 8:15:00 PM 369900.000 122.059 19.210 274.950
40960.043 46052.508 30.142 31315.707 24.414
1.021
4/16/2016 8:30:00 PM 370800.000 122.073 19.211 274.981
40936.156 46024.957 30.122 31296.973 24.428
1.021
4/16/2016 8:45:00 PM 371700.000 122.088 19.196 275.014
40927.727 46030.805 30.126 31300.949 24.433
1.021
4/16/2016 9:00:00 PM 372600.000 122.093 19.199 275.025
40938.246 46039.789 30.133 31307.059 24.427
1.021
4/16/2016 9:15:00 PM 373500.000 122.065 19.196 274.963
40942.770 46047.383 30.138 31312.221 24.424
1.021
4/16/2016 9:30:00 PM 374400.000 122.042 19.195 274.912
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40936.242 46017.660 30.117 31292.012 24.428
1.021
4/16/2016 10:00:00 PM 376200.000 122.041 19.210 274.910
40933.223 46022.609 30.121 31295.375 24.430
1.021
4/16/2016 10:15:00 PM 377100.000 122.004 19.204 274.825
40940.055 46036.656 30.131 31304.928 24.426
1.021
4/16/2016 10:30:00 PM 378000.000 121.981 19.206 274.775
40911.250 46002.121 30.105 31281.445 24.443
1.021
4/16/2016 10:45:00 PM 378900.000 121.972 19.200 274.755
40935.637 46035.395 30.129 31304.070 24.429
1.021
4/16/2016 11:00:00 PM 379800.000 121.952 19.202 274.708
40938.586 46036.559 30.130 31304.861 24.427

1.021
4/16/2016 11:15:00 PM 380700.000 121.896 19.210 274.584
40961.914 46054.957 30.144 31317.373 24.413
1.021
4/16/2016 11:30:00 PM 381600.000 121.865 19.223 274.512
40958.914 46039.352 30.133 31306.762 24.415
1.021
4/16/2016 11:45:00 PM 382500.000 121.841 19.223 274.458
40930.387 46007.121 30.110 31284.844 24.432
1.021
4/17/2016 12:00:00 AM 383400.000 121.778 19.209 274.316
40913.852 46001.945 30.105 31281.324 24.442
1.021
4/17/2016 12:15:00 AM 384300.000 121.759 19.207 274.273
40951.645 46046.340 30.138 31311.514 24.419
1.021
4/17/2016 12:30:00 AM 385200.000 121.757 19.208 274.271
40930.285 46021.539 30.120 31294.646 24.432
1.021
4/17/2016 12:45:00 AM 386100.000 121.718 19.207 274.181
40944.988 46038.672 30.132 31306.299 24.423
1.021
4/17/2016 1:00:00 AM 387000.000 121.669 19.195 274.072
40941.824 46047.527 30.138 31312.320 24.425
1.021
4/17/2016 1:15:00 AM 387900.000 121.644 19.196 274.015
40908.434 46008.770 30.110 31285.965 24.445
1.021
4/17/2016 1:30:00 AM 388800.000 121.660 19.190 274.050
40927.277 46035.898 30.129 31304.412 24.434
1.021
4/17/2016 1:45:00 AM 389700.000 121.638 19.198 274.001
40905.105 46003.043 30.106 31282.072 24.447
1.021
4/17/2016 2:00:00 AM 390600.000 121.618 19.200 273.957
40960.398 46063.414 30.150 31323.121 24.414
1.021
4/17/2016 2:15:00 AM 391500.000 121.602 19.200 273.920
40953.508 46055.848 30.144 31317.979 24.418
1.021
4/17/2016 2:30:00 AM 392400.000 121.614 19.211 273.948
40959.328 46050.922 30.141 31314.629 24.414
1.021
4/17/2016 2:45:00 AM 393300.000 121.587 19.213 273.886
40937.055 46024.586 30.122 31296.721 24.428
1.021
4/17/2016 3:00:00 AM 394200.000 121.575 19.211 273.859
40945.699 46036.293 30.131 31304.682 24.423
1.021
4/17/2016 3:15:00 AM 395100.000 121.609 19.204 273.936
40963.926 46062.984 30.150 31322.832 24.412
1.021
4/17/2016 3:30:00 AM 396000.000 121.634 19.202 273.993
40951.855 46051.906 30.142 31315.299 24.419
1.021
4/17/2016 3:45:00 AM 396900.000 121.598 19.198 273.911
40924.332 46024.586 30.121 31296.721 24.435
1.021

4/17/2016 4:00:00 AM	397800.000	121.647	19.196	274.022
40892.793	45991.434	30.097	31274.178	24.454
1.021				
4/17/2016 4:15:00 AM	398700.000	121.660	19.187	274.052
40929.141	46040.672	30.133	31307.658	24.432
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4/17/2016 4:30:00 AM	399600.000	121.706	19.207	274.154
40919.262	46010.352	30.111	31287.041	24.438
1.021				
4/17/2016 4:45:00 AM	400500.000	121.727	19.217	274.203
40949.777	46034.066	30.129	31303.168	24.420
1.021				
4/17/2016 5:00:00 AM	401400.000	121.776	19.228	274.313
40960.324	46035.168	30.131	31303.914	24.414
1.021				
4/17/2016 5:15:00 AM	402300.000	121.775	19.225	274.310
40929.266	46004.051	30.108	31282.756	24.432
1.021				
4/17/2016 5:30:00 AM	403200.000	121.829	19.220	274.432
40946.637	46028.047	30.125	31299.074	24.422
1.021				
4/17/2016 5:45:00 AM	404100.000	121.841	19.225	274.459
40953.523	46031.137	30.127	31301.176	24.418
1.021				
4/17/2016 6:00:00 AM	405000.000	121.892	19.203	274.573
40957.246	46056.426	30.145	31318.371	24.416
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4/17/2016 6:15:00 AM	405900.000	121.925	19.217	274.648
40939.074	46022.645	30.121	31295.400	24.427
1.021				
4/17/2016 6:30:00 AM	406800.000	121.917	19.204	274.631
40990.109	46092.770	30.171	31343.086	24.396
1.021				
4/17/2016 6:45:00 AM	407700.000	121.951	19.194	274.705
40927.344	46031.844	30.127	31301.656	24.434
1.021				
4/17/2016 7:00:00 AM	408600.000	121.996	19.208	274.807
40955.133	46048.965	30.140	31313.299	24.417
1.021				
4/17/2016 7:15:00 AM	409500.000	122.015	19.200	274.851
40911.820	46008.520	30.110	31285.795	24.443
1.021				
4/17/2016 7:30:00 AM	410400.000	122.037	19.208	274.900
40962.613	46057.539	30.146	31319.129	24.413
1.021				
4/17/2016 7:45:00 AM	411300.000	122.044	19.202	274.917
40914.887	46010.422	30.111	31287.090	24.441
1.021				
4/17/2016 8:00:00 AM	412200.000	122.073	19.212	274.981
40930.613	46017.691	30.117	31292.033	24.432
1.021				
4/17/2016 8:15:00 AM	413100.000	122.075	19.225	274.986
40989.316	46071.367	30.157	31328.531	24.397
1.021				
4/17/2016 8:30:00 AM	414000.000	122.061	19.222	274.955
40953.563	46033.426	30.129	31302.732	24.418
1.021				
4/17/2016 8:45:00 AM	414900.000	122.065	19.223	274.963

40975.125 46057.316 30.146 31318.975 24.405
1.021
4/17/2016 9:00:00 AM 415800.000 122.035 19.211 274.896
40986.852 46081.707 30.164 31335.563 24.398
1.021
4/17/2016 9:15:00 AM 416700.000 122.051 19.199 274.931
40921.996 46021.094 30.119 31294.346 24.437
1.021
4/17/2016 9:30:00 AM 417600.000 122.010 19.194 274.840
40927.168 46031.555 30.126 31301.459 24.434
1.021
4/17/2016 9:45:00 AM 418500.000 122.019 19.194 274.861
40912.168 46015.125 30.114 31290.287 24.443
1.021
4/17/2016 10:00:00 AM 419400.000 121.962 19.196 274.732
40930.871 46034.426 30.129 31303.412 24.431
1.021
4/17/2016 10:15:00 AM 420300.000 121.956 19.197 274.718
40973.105 46080.891 30.162 31335.006 24.406
1.021
4/17/2016 10:30:00 AM 421200.000 121.914 19.193 274.623
40935.523 46041.988 30.134 31308.553 24.429
1.021
4/17/2016 10:45:00 AM 422100.000 121.906 19.191 274.606
40932.105 46039.945 30.132 31307.166 24.431
1.021
4/17/2016 11:00:00 AM 423000.000 121.868 19.190 274.520
40929.168 46037.684 30.131 31305.625 24.432
1.021
4/17/2016 11:15:00 AM 423900.000 121.828 19.193 274.430
40910.746 46014.633 30.114 31289.953 24.443
1.021
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40927.266 46026.410 30.123 31297.961 24.434
1.021
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40959.789 46054.363 30.144 31316.969 24.414
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4/17/2016 12:00:00 PM 426600.000 121.726 19.193 274.201
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1.021
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40915.199 46023.773 30.120 31296.168 24.441
1.021
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1.021
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40936.605 46051.125 30.140 31314.768 24.428
1.021
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40920.629 46036.605 30.129 31304.893 24.438
1.021
4/17/2016 1:15:00 PM 431100.000 121.502 19.185 273.695
40925.109 46038.625 30.131 31306.268 24.435
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4/17/2016 1:45:00 PM 432900.000 121.485 19.184 273.658
40938.559 46054.273 30.142 31316.908 24.427
1.021
4/17/2016 2:00:00 PM 433800.000 121.460 19.198 273.600
40970.426 46076.336 30.159 31331.910 24.408
1.021
4/17/2016 2:15:00 PM 434700.000 121.470 19.196 273.622
40892.141 45990.180 30.096 31273.322 24.455
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40921.551 46026.363 30.123 31297.930 24.437
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40920.613 46034.602 30.128 31303.531 24.438
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40905.547 46017.480 30.116 31291.887 24.447
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40955.133 46063.184 30.149 31322.965 24.417
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4/17/2016 3:30:00 PM 439200.000 121.447 19.195 273.572
40956.805 46064.195 30.150 31323.654 24.416
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4/17/2016 3:45:00 PM 440100.000 121.403 19.196 273.472
40973.668 46081.871 30.163 31335.674 24.406
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4/17/2016 4:00:00 PM 441000.000 121.472 19.190 273.626
40907.355 46013.930 30.113 31289.475 24.445
1.021
4/17/2016 4:15:00 PM 441900.000 121.464 19.183 273.610
40923.355 46038.551 30.131 31306.217 24.436
1.021
4/17/2016 4:30:00 PM 442800.000 121.520 19.200 273.735
40931.859 46031.500 30.127 31301.422 24.431
1.021
4/17/2016 4:45:00 PM 443700.000 121.533 19.205 273.764
40919.133 46012.105 30.113 31288.234 24.438
1.021
4/17/2016 5:00:00 PM 444600.000 121.568 19.213 273.843
40973.633 46065.539 30.152 31324.568 24.406
1.021
4/17/2016 5:15:00 PM 445500.000 121.633 19.206 273.991
40947.344 46043.051 30.135 31309.277 24.422
1.021
4/17/2016 5:30:00 PM 446400.000 121.656 19.222 274.043
40931.363 46009.152 30.111 31286.227 24.431
1.021
4/17/2016 5:45:00 PM 447300.000 121.692 19.209 274.123
40934.906 46025.785 30.123 31297.537 24.429
1.021
4/17/2016 6:00:00 PM 448200.000 121.756 19.206 274.268
40950.738 46046.777 30.138 31311.809 24.420
1.021
4/17/2016 6:15:00 PM 449100.000 121.775 19.213 274.310
40946.340 46034.430 30.129 31303.414 24.422
1.021

4/17/2016 6:30:00 PM	450000.000	121.803	19.207	274.374
40943.965	46037.613	30.131	31305.580	24.424
1.021				
4/17/2016 6:45:00 PM	450900.000	121.861	19.190	274.504
40945.242	46056.105	30.144	31318.154	24.423
1.021				
4/17/2016 7:00:00 PM	451800.000	121.884	19.192	274.556
40949.680	46059.449	30.147	31320.428	24.420
1.021				
4/17/2016 7:15:00 PM	452700.000	121.971	19.198	274.752
40925.656	46026.152	30.123	31297.785	24.435
1.021				
4/17/2016 7:30:00 PM	453600.000	121.994	19.200	274.804
40966.203	46069.676	30.154	31327.381	24.410
1.021				
4/17/2016 7:45:00 PM	454500.000	122.026	19.201	274.876
40918.988	46015.383	30.115	31290.463	24.439
1.021				
4/17/2016 8:00:00 PM	455400.000	122.037	19.195	274.901
40920.176	46022.914	30.120	31295.584	24.438
1.021				
4/17/2016 8:15:00 PM	456300.000	122.073	19.198	274.981
40951.301	46054.918	30.144	31317.344	24.419
1.021				
4/17/2016 8:30:00 PM	457200.000	122.075	19.206	274.987
40994.465	46096.125	30.174	31345.367	24.394
1.021				
4/17/2016 8:45:00 PM	458100.000	122.121	19.200	275.090
40948.250	46050.008	30.140	31314.006	24.421
1.021				
4/17/2016 9:00:00 PM	459000.000	122.083	19.208	275.004
40964.379	46059.359	30.147	31320.365	24.411
1.021				
4/17/2016 9:15:00 PM	459900.000	122.127	19.224	275.103
40937.941	46013.883	30.115	31289.441	24.427
1.021				
4/17/2016 9:30:00 PM	460800.000	122.122	19.212	275.093
40937.227	46025.734	30.123	31297.500	24.428
1.021				
4/17/2016 9:45:00 PM	461700.000	122.136	19.217	275.123
40992.219	46081.777	30.164	31335.611	24.395
1.021				
4/17/2016 10:00:00 PM	462600.000	122.145	19.220	275.144
40965.641	46049.762	30.141	31313.840	24.411
1.021				
4/17/2016 10:15:00 PM	463500.000	122.123	19.218	275.095
40967.469	46053.449	30.143	31316.348	24.410
1.021				
4/17/2016 10:30:00 PM	464400.000	122.117	19.201	275.079
40924.789	46022.500	30.120	31295.301	24.435
1.021				
4/17/2016 10:45:00 PM	465300.000	122.032	19.201	274.889
40938.820	46037.855	30.131	31305.744	24.427
1.021				
4/17/2016 11:00:00 PM	466200.000	122.022	19.211	274.866
40939.277	46029.070	30.125	31299.768	24.426
1.021				
4/17/2016 11:15:00 PM	467100.000	121.996	19.210	274.807

40956.559 46048.676 30.140 31313.102 24.416
1.021
4/17/2016 11:30:00 PM 468000.000 121.985 19.210 274.783
40940.742 46031.660 30.127 31301.531 24.426
1.021
4/17/2016 11:45:00 PM 468900.000 121.937 19.209 274.674
40954.113 46047.137 30.138 31312.053 24.418
1.021
4/18/2016 12:00:00 AM 469800.000 121.912 19.204 274.619
40970.715 46071.215 30.156 31328.426 24.408
1.021
4/18/2016 12:15:00 AM 470700.000 121.872 19.198 274.528
40953.906 46057.758 30.146 31319.277 24.418
1.021
4/18/2016 12:30:00 AM 471600.000 121.837 19.188 274.450
40921.012 46030.578 30.125 31300.795 24.437
1.021
4/18/2016 12:45:00 AM 472500.000 121.797 19.188 274.360
40911.219 46020.332 30.118 31293.826 24.443
1.021
4/18/2016 1:00:00 AM 473400.000 121.745 19.194 274.243
40949.316 46057.246 30.145 31318.930 24.420
1.021
4/18/2016 1:15:00 AM 474300.000 121.756 19.191 274.268
40935.875 46044.453 30.136 31310.230 24.428
1.021
4/18/2016 1:30:00 AM 475200.000 121.716 19.198 274.178
40971.527 46078.172 30.161 31333.158 24.407
1.021
4/18/2016 1:45:00 AM 476100.000 121.657 19.206 274.044
40957.324 46054.102 30.143 31316.789 24.416
1.021
4/18/2016 2:00:00 AM 477000.000 121.653 19.206 274.036
40926.762 46019.047 30.118 31292.955 24.434
1.021
4/18/2016 2:15:00 AM 477900.000 121.624 19.209 273.970
40933.664 46024.652 30.122 31296.764 24.430
1.021
4/18/2016 2:30:00 AM 478800.000 121.598 19.206 273.912
40953.465 46049.762 30.140 31313.840 24.418
1.021
4/18/2016 2:45:00 AM 479700.000 121.608 19.209 273.934
40928.969 46018.688 30.118 31292.709 24.433
1.021
4/18/2016 3:00:00 AM 480600.000 121.583 19.199 273.878
40957.055 46060.340 30.148 31321.033 24.416
1.021
4/18/2016 3:15:00 AM 481500.000 121.566 19.211 273.840
40954.813 46046.445 30.138 31311.586 24.417
1.021
4/18/2016 3:30:00 AM 482400.000 121.542 19.202 273.786
40941.520 46039.688 30.133 31306.990 24.425
1.021
4/18/2016 3:45:00 AM 483300.000 121.594 19.210 273.902
40944.402 46035.863 30.130 31304.389 24.423
1.021
4/18/2016 4:00:00 AM 484200.000 121.613 19.207 273.946
40994.359 46094.793 30.173 31344.459 24.394

1.021
4/18/2016 4:15:00 AM 485100.000 121.629 19.198 273.980
40919.664 46019.672 30.118 31293.379 24.438
1.021
4/18/2016 4:30:00 AM 486000.000 121.602 19.202 273.920
40936.570 46034.477 30.129 31303.447 24.428
1.021
4/18/2016 4:45:00 AM 486900.000 121.620 19.205 273.962
40931.793 46026.590 30.123 31298.084 24.431
1.021
4/18/2016 5:00:00 AM 487800.000 121.614 19.194 273.948
40941.613 46048.492 30.139 31312.977 24.425
1.021
4/18/2016 5:15:00 AM 488700.000 121.672 19.186 274.077
40899.973 46008.805 30.109 31285.990 24.450
1.021
4/18/2016 5:30:00 AM 489600.000 121.714 19.185 274.173
40897.316 46007.535 30.108 31285.125 24.451
1.021
4/18/2016 5:45:00 AM 490500.000 121.704 19.184 274.150
40939.836 46055.531 30.143 31317.762 24.426
1.021
4/18/2016 6:00:00 AM 491400.000 121.772 19.187 274.303
40935.844 46048.289 30.138 31312.838 24.428
1.021
4/18/2016 6:15:00 AM 492300.000 121.795 19.185 274.355
40923.133 46036.313 30.129 31304.695 24.436
1.021
4/18/2016 6:30:00 AM 493200.000 121.879 19.192 274.544
40919.332 46025.500 30.122 31297.340 24.438
1.021
4/18/2016 6:45:00 AM 494100.000 121.872 19.195 274.530
40922.613 46025.656 30.122 31297.449 24.436
1.021
4/18/2016 7:00:00 AM 495000.000 121.927 19.199 274.653
40913.949 46012.211 30.112 31288.305 24.442
1.021
4/18/2016 7:15:00 AM 495900.000 121.927 19.190 274.652
40959.715 46072.211 30.156 31329.105 24.414
1.021
4/18/2016 7:30:00 AM 496800.000 121.985 19.184 274.783
40946.699 46063.348 30.149 31323.078 24.422
1.021
4/18/2016 7:45:00 AM 497700.000 121.981 19.197 274.774
40934.031 46036.773 30.130 31305.008 24.430
1.021
4/18/2016 8:00:00 AM 498600.000 122.023 19.201 274.870
40958.082 46059.434 30.147 31320.418 24.415
1.021
4/18/2016 8:15:00 AM 499500.000 122.048 19.204 274.925
40946.355 46044.008 30.136 31309.928 24.422
1.021
4/18/2016 8:30:00 AM 500400.000 122.074 19.225 274.984
40939.258 46015.102 30.116 31290.271 24.426
1.021
4/18/2016 8:45:00 AM 501300.000 122.064 19.216 274.961
40957.047 46043.715 30.136 31309.729 24.416
1.021

4/18/2016 9:00:00 AM 502200.000 122.073 19.215 274.981
40991.340 46083.297 30.165 31336.643 24.395
1.021
4/18/2016 9:15:00 AM 503100.000 122.062 19.217 274.956
40961.141 46047.102 30.139 31312.031 24.413
1.021
4/18/2016 9:30:00 AM 504000.000 122.115 19.205 275.076
40955.059 46052.152 30.142 31315.467 24.417
1.021
4/18/2016 9:45:00 AM 504900.000 122.129 19.213 275.108
40941.738 46029.852 30.126 31300.301 24.425
1.021
4/18/2016 10:00:00 AM 505800.000 122.125 19.205 275.100
40923.395 46017.148 30.116 31291.664 24.436
1.021
4/18/2016 10:15:00 AM 506700.000 122.095 19.210 275.030
40947.621 46038.625 30.132 31306.268 24.421
1.021
4/18/2016 10:30:00 AM 507600.000 122.039 19.199 274.905
40937.547 46039.004 30.132 31306.523 24.427
1.021
4/18/2016 10:45:00 AM 508500.000 122.035 19.187 274.897
40950.570 46065.027 30.150 31324.221 24.420
1.021
4/18/2016 11:00:00 AM 509400.000 121.990 19.187 274.794
40926.805 46038.203 30.131 31305.980 24.434
1.021
4/18/2016 11:15:00 AM 510300.000 121.943 19.184 274.688
40877.730 45986.527 30.093 31270.842 24.463
1.021
4/18/2016 11:30:00 AM 511200.000 121.896 19.187 274.584
40906.195 46014.770 30.114 31290.045 24.446
1.021
4/18/2016 11:45:00 AM 512100.000 121.891 19.193 274.571
40969.270 46080.289 30.162 31334.598 24.409
1.021
4/18/2016 12:00:00 PM 513000.000 121.826 19.209 274.426
40908.594 45995.777 30.101 31277.131 24.445
1.021
4/18/2016 12:15:00 PM 513900.000 121.849 19.213 274.477
40930.965 46017.824 30.117 31292.121 24.431
1.021
4/18/2016 12:30:00 PM 514800.000 121.819 19.208 274.409
40945.543 46038.180 30.132 31305.963 24.423
1.021
4/18/2016 12:45:00 PM 515700.000 121.765 19.209 274.286
40951.355 46044.113 30.136 31310.000 24.419
1.021
4/18/2016 1:00:00 PM 516600.000 121.701 19.208 274.144
40973.723 46070.559 30.155 31327.982 24.406
1.021
4/18/2016 1:15:00 PM 517500.000 121.678 19.204 274.092
40938.516 46035.105 30.129 31303.873 24.427
1.021
4/18/2016 1:30:00 PM 518400.000 121.665 19.205 274.063
40936.371 46031.051 30.127 31301.117 24.428
1.021
4/18/2016 1:45:00 PM 519300.000 121.594 19.201 273.902

40915.395	46011.602	30.112	31287.889	24.441
1.021				
4/18/2016 2:00:00 PM	520200.000	121.582	19.200	273.876
40964.852	46067.816	30.153	31326.117	24.411
1.021				
4/18/2016 2:15:00 PM	521100.000	121.557	19.191	273.819
40922.449	46029.266	30.125	31299.902	24.436
1.021				
4/18/2016 2:30:00 PM	522000.000	121.516	19.186	273.727
40942.570	46057.070	30.145	31318.809	24.424
1.021				
4/18/2016 2:45:00 PM	522900.000	121.527	19.191	273.751
40899.250	46003.340	30.106	31282.271	24.450
1.021				
4/18/2016 3:00:00 PM	523800.000	121.528	19.201	273.754
40932.121	46030.324	30.126	31300.623	24.431
1.021				
4/18/2016 3:15:00 PM	524700.000	121.510	19.198	273.712
40954.395	46058.902	30.146	31320.057	24.417
1.021				
4/18/2016 3:30:00 PM	525600.000	121.488	19.206	273.663
40920.871	46012.688	30.113	31288.627	24.437
1.021				
4/18/2016 3:45:00 PM	526500.000	121.486	19.190	273.659
40931.219	46040.594	30.133	31307.605	24.431
1.021				
4/18/2016 4:00:00 PM	527400.000	121.526	19.190	273.748
40916.816	46024.305	30.121	31296.529	24.440
1.021				
4/18/2016 4:15:00 PM	528300.000	121.536	19.194	273.772
40907.227	46009.566	30.110	31286.506	24.446
1.021				
4/18/2016 4:30:00 PM	529200.000	121.535	19.198	273.770
40911.938	46010.648	30.111	31287.242	24.443
1.021				
4/18/2016 4:45:00 PM	530100.000	121.573	19.188	273.855
40925.852	46036.617	30.130	31304.900	24.434
1.021				
4/18/2016 5:00:00 PM	531000.000	121.575	19.199	273.861
40928.141	46028.004	30.124	31299.043	24.433
1.021				
4/18/2016 5:15:00 PM	531900.000	121.586	19.200	273.883
40911.359	46008.445	30.110	31285.744	24.443
1.021				
4/18/2016 5:30:00 PM	532800.000	121.605	19.199	273.927
40902.035	45998.207	30.102	31278.781	24.449
1.021				
4/18/2016 5:45:00 PM	533700.000	121.676	19.205	274.087
40960.129	46057.766	30.146	31319.283	24.414
1.021				
4/18/2016 6:00:00 PM	534600.000	121.719	19.191	274.183
40929.453	46037.145	30.130	31305.260	24.432
1.021				
4/18/2016 6:15:00 PM	535500.000	121.774	19.198	274.308
40940.648	46043.527	30.135	31309.602	24.426
1.021				
4/18/2016 6:30:00 PM	536400.000	121.803	19.207	274.372
40978.227	46076.047	30.159	31331.715	24.403

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4/18/2016 6:45:00 PM 537300.000 121.858 19.199 274.498
40932.965 46033.684 30.128 31302.906 24.430
1.021
4/18/2016 7:00:00 PM 538200.000 121.889 19.210 274.568
40946.930 46037.766 30.132 31305.684 24.422
1.021
4/18/2016 7:15:00 PM 539100.000 121.925 19.200 274.648
40944.566 46045.789 30.137 31311.139 24.423
1.021
4/18/2016 7:30:00 PM 540000.000 121.955 19.201 274.716
40904.469 45999.566 30.103 31279.707 24.447
1.021
4/18/2016 7:45:00 PM 540900.000 122.023 19.206 274.869
40896.387 45985.664 30.093 31270.254 24.452
1.021
4/18/2016 8:00:00 PM 541800.000 122.072 19.221 274.978
40925.539 46003.469 30.107 31282.359 24.435
1.021
4/18/2016 8:15:00 PM 542700.000 122.088 19.207 275.014
40953.840 46049.414 30.140 31313.602 24.418
1.021
4/18/2016 8:30:00 PM 543600.000 122.105 19.202 275.054
40922.207 46018.652 30.117 31292.684 24.437
1.021
4/18/2016 8:45:00 PM 544500.000 122.144 19.208 275.142
40928.012 46019.324 30.118 31293.143 24.433
1.021
4/18/2016 9:00:00 PM 545400.000 122.119 19.215 275.084
40953.801 46040.754 30.134 31307.715 24.418
1.021
4/18/2016 9:15:00 PM 546300.000 122.164 19.216 275.186
40956.078 46042.965 30.136 31309.217 24.416
1.021
4/18/2016 9:30:00 PM 547200.000 122.176 19.207 275.212
40926.770 46018.711 30.118 31292.727 24.434
1.021
4/18/2016 9:45:00 PM 548100.000 122.205 19.214 275.279
40957.684 46046.410 30.138 31311.561 24.415
1.021
4/18/2016 10:00:00 PM 549000.000 122.178 19.208 275.217
40936.309 46028.652 30.125 31299.486 24.428
1.021
4/18/2016 10:15:00 PM 549900.000 122.169 19.200 275.197
40942.387 46043.156 30.135 31309.348 24.425
1.021
4/18/2016 10:30:00 PM 550800.000 122.149 19.198 275.154
40946.895 46050.211 30.140 31314.146 24.422
1.021
4/18/2016 10:45:00 PM 551700.000 122.147 19.207 275.147
40921.535 46012.906 30.113 31288.777 24.437
1.021
4/18/2016 11:00:00 PM 552600.000 122.088 19.195 275.015
40898.895 45999.063 30.103 31279.365 24.451
1.021
4/18/2016 11:15:00 PM 553500.000 122.065 19.198 274.964
40928.719 46029.164 30.125 31299.834 24.433
1.021

4/18/2016 11:30:00 PM	554400.000	122.060	19.196	274.952
40927.777	46030.523	30.126	31300.756	24.433
1.021				
4/18/2016 11:45:00 PM	555300.000	121.985	19.206	274.784
40977.207	46076.285	30.160	31331.877	24.404
1.021				
4/19/2016 12:00:00 AM	556200.000	122.007	19.220	274.833
40956.672	46039.152	30.133	31306.625	24.416
1.021				
4/19/2016 12:15:00 AM	557100.000	121.998	19.206	274.812
40947.965	46043.402	30.136	31309.516	24.421
1.021				
4/19/2016 12:30:00 AM	558000.000	121.956	19.198	274.718
40912.379	46011.145	30.112	31287.580	24.442
1.021				
4/19/2016 12:45:00 AM	558900.000	121.905	19.196	274.604
40933.508	46037.309	30.131	31305.373	24.430
1.021				
4/19/2016 1:00:00 AM	559800.000	121.800	19.200	274.366
40919.332	46016.965	30.116	31291.539	24.438
1.021				
4/19/2016 1:15:00 AM	560700.000	121.806	19.206	274.380
40935.781	46029.270	30.125	31299.906	24.429
1.021				
4/19/2016 1:30:00 AM	561600.000	121.780	19.191	274.321
40907.805	46013.145	30.113	31288.941	24.445
1.021				
4/19/2016 1:45:00 AM	562500.000	121.682	19.185	274.101
40896.043	46005.758	30.107	31283.918	24.452
1.021				
4/19/2016 2:00:00 AM	563400.000	121.700	19.199	274.141
40917.094	46015.582	30.115	31290.598	24.440
1.021				
4/19/2016 2:15:00 AM	564300.000	121.641	19.198	274.008
40903.813	46001.934	30.105	31281.316	24.448
1.021				
4/19/2016 2:30:00 AM	565200.000	121.617	19.190	273.954
40951.313	46063.445	30.149	31323.145	24.419
1.021				
4/19/2016 2:45:00 AM	566100.000	121.607	19.186	273.931
40909.738	46020.563	30.118	31293.984	24.444
1.021				
4/19/2016 3:00:00 AM	567000.000	121.550	19.183	273.802
40927.523	46043.410	30.134	31309.521	24.433
1.021				
4/19/2016 3:15:00 AM	567900.000	121.511	19.183	273.716
40920.945	46035.836	30.129	31304.371	24.437
1.021				
4/19/2016 3:30:00 AM	568800.000	121.533	19.192	273.764
40929.664	46036.781	30.130	31305.014	24.432
1.021				
4/19/2016 3:45:00 AM	569700.000	121.505	19.193	273.702
40907.910	46011.277	30.112	31287.670	24.445
1.021				
4/19/2016 4:00:00 AM	570600.000	121.484	19.194	273.654
40909.109	46011.840	30.112	31288.051	24.444
1.021				
4/19/2016 4:15:00 AM	571500.000	121.536	19.188	273.772

40901.406 46008.527 30.109 31285.801 24.449
1.021
4/19/2016 4:30:00 AM 572400.000 121.498 19.187 273.687
40893.902 46000.941 30.104 31280.641 24.454
1.021
4/19/2016 4:45:00 AM 573300.000 121.493 19.186 273.675
40885.402 45992.324 30.097 31274.781 24.459
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4/19/2016 4:00:00 PM	613800.000	121.498	19.185	273.687
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4/19/2016 4:15:00 PM	614700.000	121.472	19.184	273.628
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40913.402	46017.359	30.116	31291.805	24.442
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40896.426	45986.309	30.094	31270.691	24.452
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1.021

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1.021
4/20/2016 5:15:00 PM 704700.000 121.481 19.212 273.647
40637.102 45688.391 29.877 31068.107 24.608
1.021
4/20/2016 5:30:00 PM 705600.000 121.499 19.210 273.689
40620.215 45670.855 29.864 31056.184 24.618
1.021
4/20/2016 5:45:00 PM 706500.000 121.506 19.214 273.704
40609.605 45654.918 29.853 31045.346 24.625
1.021
4/20/2016 6:00:00 PM 707400.000 121.523 19.212 273.743
40595.137 45640.859 29.842 31035.787 24.633
1.021
4/20/2016 6:15:00 PM 708300.000 121.557 19.209 273.819
40581.922 45628.902 29.834 31027.656 24.642
1.021
4/20/2016 6:30:00 PM 709200.000 121.601 19.209 273.917
40575.891 45621.785 29.828 31022.816 24.645
1.021
4/20/2016 6:45:00 PM 710100.000 121.641 19.210 274.008
40601.945 45649.973 29.849 31041.984 24.629
1.021

4/20/2016 7:00:00 PM	711000.000	121.664	19.217	274.061
40548.184	45582.715	29.800	30996.248	24.662
1.021				
4/20/2016 7:15:00 PM	711900.000	121.698	19.218	274.136
40549.570	45583.488	29.801	30996.773	24.661
1.021				
4/20/2016 7:30:00 PM	712800.000	121.744	19.219	274.240
40545.906	45578.184	29.797	30993.168	24.663
1.021				
4/20/2016 7:45:00 PM	713700.000	121.740	19.218	274.230
40520.320	45551.129	29.777	30974.770	24.679
1.021				
4/20/2016 8:00:00 PM	714600.000	121.828	19.214	274.430
40508.367	45540.852	29.770	30967.781	24.686
1.021				
4/20/2016 8:15:00 PM	715500.000	121.816	19.220	274.402
40569.414	45603.668	29.816	31010.496	24.649
1.021				
4/20/2016 8:30:00 PM	716400.000	121.884	19.219	274.556
40542.594	45574.367	29.794	30990.572	24.665
1.021				
4/20/2016 8:45:00 PM	717300.000	121.912	19.220	274.618
40560.359	45593.922	29.809	31003.867	24.655
1.021				
4/20/2016 9:00:00 PM	718200.000	121.973	19.221	274.757
40530.051	45558.992	29.783	30980.115	24.673
1.021				
4/20/2016 9:15:00 PM	719100.000	122.008	19.221	274.835
40544.383	45575.020	29.795	30991.014	24.664
1.021				
4/20/2016 9:30:00 PM	720000.000	122.015	19.223	274.851
40512.855	45537.883	29.768	30965.762	24.684
1.021				
4/20/2016 9:45:00 PM	720900.000	122.041	19.225	274.910
40502.449	45524.137	29.758	30956.416	24.690
1.021				
4/20/2016 10:00:00 PM	721800.000	122.051	19.221	274.931
40525.559	45553.445	29.779	30976.346	24.676
1.021				
4/20/2016 10:15:00 PM	722700.000	122.069	19.218	274.973
40506.461	45535.207	29.766	30963.943	24.687
1.021				
4/20/2016 10:30:00 PM	723600.000	122.065	19.216	274.963
40526.293	45559.801	29.784	30980.666	24.675
1.021				
4/20/2016 10:45:00 PM	724500.000	122.076	19.217	274.989
40490.977	45518.734	29.754	30952.742	24.697
1.021				
4/20/2016 11:00:00 PM	725400.000	122.059	19.215	274.950
40468.641	45495.250	29.737	30936.771	24.710
1.021				
4/20/2016 11:15:00 PM	726300.000	122.051	19.218	274.931
40508.934	45537.898	29.768	30965.773	24.686
1.021				
4/20/2016 11:30:00 PM	727200.000	122.049	19.217	274.928
40490.211	45517.871	29.753	30952.154	24.697
1.021				
4/20/2016 11:45:00 PM	728100.000	122.024	19.219	274.871

40493.984	45520.668	29.755	30954.057	24.695
1.021				

Report Date: 4/22/2016 8:16:19 AM
Report User Name: KMakar
Report Computer Name: WKST46
Application: WinSitu.exe
Application Version: 5.6.25.0

Log File Properties:
File Name: MPWSP MW-1M Pre Test_2016-04-21_10-30-18-254.wsl
Create Date: 4/21/2016 10:28:01 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

Log Data:
Record Count: 852
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	Sensor: PCTD(G) 231ft	Sensor: PCTD(G) 231ft	Sensor: PCTD(G) 231ft
Elapsed Time	SN#: 395424	SN#: 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)
4/14/2016 12:00:00 AM	124200.000	70.531	16.136	158.879	40146.805	48328.910	31.631	32.864	24.909	1.023
4/14/2016 12:15:00 AM	125100.000	70.513	16.136	158.837	40142.758	48324.234	31.627	32.860	24.911	1.023
4/14/2016 12:30:00 AM	126000.000	70.520	16.135	158.852	40133.949	48314.906	31.620	32.854	24.917	1.023
4/14/2016 12:45:00 AM	126900.000	70.520	16.136	158.852	40145.684	48328.156	31.630	32.863	24.909	1.023
4/14/2016 1:00:00 AM	127800.000	70.527	16.135	158.870	40144.066	48327.086	31.629	32.862	24.910	1.023
4/14/2016 1:15:00 AM	128700.000	70.558	16.135	158.938	40166.148	48353.758	31.649	32.881	24.897	1.023
4/14/2016 1:30:00 AM	129600.000	70.539	16.135	158.895	40135.680	48317.078	31.622	32.856	24.915	1.023
4/14/2016 1:45:00 AM	130500.000	70.556	16.135	158.933	40145.711	48329.359	31.631	32.864	24.909	1.023
4/14/2016 2:00:00 AM	131400.000	70.581	16.134	158.991	40177.426	48367.734	31.659	32.890	24.890	1.023
4/14/2016 2:15:00 AM	132300.000	70.577	16.134	158.983	40138.609	48321.496	31.625	32.859	24.914	1.023
4/14/2016 2:30:00 AM	133200.000	70.623	16.133	159.085	40168.473	48358.320	31.652	32.884	24.895	1.023
4/14/2016 2:45:00 AM	134100.000	70.613	16.133	159.063						

40166.383 48355.719 31.650 32.882 24.896
1.023
4/14/2016 3:00:00 AM 135000.000 70.638 16.132 159.118
40167.273 48358.348 31.652 32.884 24.896
1.023
4/14/2016 3:15:00 AM 135900.000 70.671 16.132 159.193
40135.168 48320.000 31.624 32.858 24.916
1.023
4/14/2016 3:30:00 AM 136800.000 70.668 16.131 159.187
40133.063 48317.762 31.622 32.856 24.917
1.023
4/14/2016 3:45:00 AM 137700.000 70.687 16.130 159.229
40088.109 48264.605 31.583 32.820 24.945
1.023
4/14/2016 4:00:00 AM 138600.000 70.708 16.130 159.277
40167.367 48361.004 31.654 32.885 24.896
1.023
4/14/2016 4:15:00 AM 139500.000 70.736 16.129 159.340
40118.539 48302.605 31.611 32.846 24.926
1.023
4/14/2016 4:30:00 AM 140400.000 70.749 16.128 159.370
40123.105 48308.984 31.616 32.850 24.923
1.023
4/14/2016 4:45:00 AM 141300.000 70.738 16.127 159.344
40104.246 48287.754 31.600 32.836 24.935
1.023
4/14/2016 5:00:00 AM 142200.000 70.763 16.126 159.400
40120.098 48308.203 31.615 32.850 24.925
1.023
4/14/2016 5:15:00 AM 143100.000 70.772 16.125 159.420
40114.117 48301.492 31.610 32.845 24.929
1.023
4/14/2016 5:30:00 AM 144000.000 70.763 16.124 159.401
40135.453 48328.352 31.629 32.863 24.916
1.023
4/14/2016 5:45:00 AM 144900.000 70.779 16.124 159.437
40141.492 48335.820 31.635 32.868 24.912
1.023
4/14/2016 6:00:00 AM 145800.000 70.798 16.123 159.478
40109.688 48298.793 31.608 32.843 24.932
1.023
4/14/2016 6:15:00 AM 146700.000 70.813 16.123 159.512
40117.289 48308.340 31.615 32.850 24.927
1.023
4/14/2016 6:30:00 AM 147600.000 70.794 16.122 159.471
40130.992 48325.332 31.627 32.861 24.918
1.023
4/14/2016 6:45:00 AM 148500.000 70.767 16.122 159.409
40138.309 48334.625 31.634 32.868 24.914
1.023
4/14/2016 7:00:00 AM 149400.000 70.771 16.121 159.420
40094.918 48283.441 31.596 32.833 24.941
1.023
4/14/2016 7:15:00 AM 150300.000 70.800 16.121 159.485
40134.316 48330.793 31.631 32.865 24.916

1.023
4/14/2016 7:30:00 AM 151200.000 70.775 16.120 159.428
40113.402 48306.684 31.613 32.849 24.929
1.023
4/14/2016 7:45:00 AM 152100.000 70.771 16.120 159.420
40147.281 48347.781 31.643 32.876 24.908
1.023
4/14/2016 8:00:00 AM 153000.000 70.750 16.120 159.372
40158.023 48360.223 31.652 32.885 24.902
1.023
4/14/2016 8:15:00 AM 153900.000 70.752 16.119 159.377
40140.469 48339.875 31.637 32.871 24.913
1.023
4/14/2016 8:30:00 AM 154800.000 70.708 16.120 159.276
40149.082 48350.043 31.645 32.878 24.907
1.023
4/14/2016 8:45:00 AM 155700.000 70.712 16.120 159.285
40161.008 48364.012 31.655 32.888 24.900
1.023
4/14/2016 9:00:00 AM 156600.000 70.678 16.119 159.210
40103.098 48294.766 31.605 32.840 24.936
1.023
4/14/2016 9:15:00 AM 157500.000 70.673 16.120 159.198
40140.418 48339.422 31.637 32.871 24.913
1.023
4/14/2016 9:30:00 AM 158400.000 70.672 16.120 159.196
40116.461 48310.078 31.616 32.851 24.927
1.023
4/14/2016 9:45:00 AM 159300.000 70.629 16.121 159.099
40142.488 48340.539 31.638 32.872 24.911
1.023
4/14/2016 10:00:00 AM 160200.000 70.603 16.121 159.041
40131.844 48327.621 31.629 32.863 24.918
1.023
4/14/2016 10:15:00 AM 161100.000 70.613 16.121 159.063
40118.773 48311.590 31.617 32.852 24.926
1.023
4/14/2016 10:30:00 AM 162000.000 70.556 16.122 158.934
40169.594 48371.617 31.661 32.893 24.894
1.023
4/14/2016 10:45:00 AM 162900.000 70.546 16.123 158.912
40106.086 48294.457 31.605 32.840 24.934
1.023
4/14/2016 11:00:00 AM 163800.000 70.522 16.124 158.858
40129.164 48321.652 31.624 32.859 24.920
1.023
4/14/2016 11:15:00 AM 164700.000 70.519 16.123 158.851
40108.348 48296.887 31.606 32.842 24.932
1.023
4/14/2016 11:30:00 AM 165600.000 70.489 16.124 158.784
40141.813 48336.012 31.635 32.868 24.912
1.023
4/14/2016 11:45:00 AM 166500.000 70.481 16.125 158.765
40142.094 48335.273 31.634 32.868 24.912
1.023

4/14/2016 12:00:00 PM 167400.000 70.474 16.126 158.750
40112.355 48299.168 31.608 32.843 24.930
1.023
4/14/2016 12:15:00 PM 168300.000 70.454 16.126 158.706
40123.668 48312.391 31.618 32.852 24.923
1.023
4/14/2016 12:30:00 PM 169200.000 70.448 16.127 158.690
40135.109 48325.398 31.627 32.861 24.916
1.023
4/14/2016 12:45:00 PM 170100.000 70.450 16.127 158.696
40146.977 48339.094 31.637 32.871 24.908
1.023
4/14/2016 1:00:00 PM 171000.000 70.417 16.128 158.622
40127.082 48313.672 31.619 32.853 24.921
1.023
4/14/2016 1:15:00 PM 171900.000 70.421 16.129 158.629
40125.223 48311.234 31.617 32.852 24.922
1.023
4/14/2016 1:30:00 PM 172800.000 70.397 16.130 158.577
40147.676 48337.211 31.636 32.869 24.908
1.023
4/14/2016 1:45:00 PM 173700.000 -0.020 14.956 -0.046
113.551 140.505 0.066 0.096 8806.579
0.999
4/14/2016 2:00:00 PM 174600.000 -0.025 16.844 -0.056
91.741 108.670 0.051 0.074 10900.268
0.999
4/14/2016 2:15:00 PM 175500.000 -0.024 16.084 -0.053
0.279 0.336 0.000 0.000 3583801.250
0.999
4/14/2016 2:30:00 PM 176400.000 70.363 16.251 158.499
41716.836 50086.926 32.925 34.059 23.971
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4/14/2016 2:45:00 PM 177300.000 70.427 16.133 158.643
41725.500 50232.605 33.024 34.158 23.966
1.024
4/14/2016 3:00:00 PM 178200.000 70.428 16.133 158.646
41751.273 50264.348 33.047 34.180 23.951
1.024
4/14/2016 3:15:00 PM 179100.000 70.447 16.133 158.688
41714.535 50219.516 33.014 34.149 23.972
1.024
4/14/2016 3:30:00 PM 180000.000 70.436 16.133 158.664
41758.551 50272.395 33.053 34.185 23.947
1.024
4/14/2016 3:45:00 PM 180900.000 70.461 16.133 158.719
41751.230 50263.582 33.046 34.179 23.951
1.024
4/14/2016 4:00:00 PM 181800.000 70.466 16.134 158.732
41748.070 50258.957 33.043 34.176 23.953
1.024
4/14/2016 4:15:00 PM 182700.000 70.488 16.134 158.780
41763.793 50277.691 33.057 34.189 23.944
1.024
4/14/2016 4:30:00 PM 183600.000 70.480 16.133 158.764

41793.895	50314.750	33.084	34.214	23.927
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41737.770	50247.184	33.034	34.168	23.959
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4/14/2016 5:00:00 PM	185400.000	70.527	16.133	158.870
41791.535	50312.215	33.082	34.212	23.928
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4/14/2016 5:15:00 PM	186300.000	70.521	16.133	158.856
41779.262	50297.637	33.071	34.202	23.935
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4/14/2016 5:30:00 PM	187200.000	70.549	16.133	158.918
41790.777	50312.012	33.082	34.212	23.929
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4/14/2016 5:45:00 PM	188100.000	70.579	16.132	158.986
41761.176	50276.777	33.056	34.188	23.946
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4/14/2016 6:00:00 PM	189000.000	70.567	16.132	158.959
41736.910	50247.875	33.035	34.169	23.960
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4/14/2016 6:15:00 PM	189900.000	70.608	16.131	159.050
41766.715	50284.977	33.062	34.194	23.943
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4/14/2016 6:30:00 PM	190800.000	70.653	16.131	159.154
41759.266	50276.406	33.056	34.188	23.947
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4/14/2016 6:45:00 PM	191700.000	70.647	16.130	159.138
41784.555	50307.262	33.078	34.209	23.932
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4/14/2016 7:00:00 PM	192600.000	70.665	16.130	159.180
41755.883	50273.555	33.053	34.186	23.949
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4/14/2016 7:15:00 PM	193500.000	70.671	16.129	159.192
41771.223	50292.848	33.067	34.199	23.940
1.024				
4/14/2016 7:30:00 PM	194400.000	70.648	16.128	159.142
41778.012	50302.035	33.074	34.205	23.936
1.024				
4/14/2016 7:45:00 PM	195300.000	70.683	16.128	159.219
41789.855	50316.500	33.085	34.215	23.929
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4/14/2016 8:00:00 PM	196200.000	70.711	16.127	159.284
41783.121	50309.098	33.079	34.210	23.933
1.024				
4/14/2016 8:15:00 PM	197100.000	70.689	16.127	159.234
41785.270	50311.684	33.081	34.212	23.932
1.024				
4/14/2016 8:30:00 PM	198000.000	70.683	16.127	159.220
41802.387	50332.910	33.097	34.226	23.922
1.024				
4/14/2016 8:45:00 PM	198900.000	70.707	16.126	159.275
41803.574	50335.145	33.098	34.228	23.921
1.024				
4/14/2016 9:00:00 PM	199800.000	70.704	16.125	159.268
41807.430	50340.723	33.102	34.232	23.919

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4/14/2016 9:15:00 PM 200700.000 70.708 16.126 159.277
41797.059 50327.715 33.093 34.223 23.925
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4/14/2016 9:30:00 PM 201600.000 70.703 16.124 159.265
41790.754 50321.352 33.088 34.219 23.929
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41776.820 50304.465 33.076 34.207 23.937
1.024
4/14/2016 10:00:00 PM 203400.000 70.680 16.124 159.213
41761.340 50286.230 33.062 34.195 23.946
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41773.410 50302.195 33.074 34.205 23.939
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4/14/2016 10:30:00 PM 205200.000 70.678 16.124 159.208
41762.273 50288.070 33.064 34.196 23.945
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41778.734 50308.105 33.078 34.210 23.936
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4/14/2016 11:00:00 PM 207000.000 70.702 16.123 159.263
41798.898 50332.387 33.096 34.226 23.924
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1.024
4/14/2016 11:30:00 PM 208800.000 70.671 16.123 159.194
41758.672 50284.344 33.061 34.193 23.947
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4/14/2016 11:45:00 PM 209700.000 70.680 16.123 159.214
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1.024
4/15/2016 12:00:00 AM 210600.000 70.686 16.124 159.226
41811.027 50346.574 33.107 34.236 23.917
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4/15/2016 12:15:00 AM 211500.000 70.677 16.124 159.206
41800.645 50334.371 33.098 34.227 23.923
1.024
4/15/2016 12:30:00 AM 212400.000 70.676 16.122 159.205
41765.523 50293.711 33.068 34.200 23.943
1.024
4/15/2016 12:45:00 AM 213300.000 70.668 16.123 159.187
41802.902 50337.293 33.100 34.229 23.922
1.024
4/15/2016 1:00:00 AM 214200.000 70.673 16.123 159.197
41780.039 50309.977 33.080 34.211 23.935
1.024
4/15/2016 1:15:00 AM 215100.000 70.648 16.123 159.142
41797.383 50331.160 33.095 34.225 23.925
1.024
4/15/2016 1:30:00 AM 216000.000 70.655 16.123 159.157
41790.602 50322.898 33.089 34.220 23.929
1.024

4/15/2016 1:45:00 AM	216900.000	70.633	16.123	159.108
41787.008	50318.668	33.086	34.217	23.931
1.024				
4/15/2016 2:00:00 AM	217800.000	70.652	16.124	159.151
41828.426	50367.313	33.122	34.250	23.907
1.024				
4/15/2016 2:15:00 AM	218700.000	70.673	16.124	159.198
41781.871	50311.254	33.081	34.212	23.934
1.024				
4/15/2016 2:30:00 AM	219600.000	70.662	16.124	159.173
41800.121	50333.742	33.097	34.227	23.923
1.024				
4/15/2016 2:45:00 AM	220500.000	70.663	16.123	159.176
41757.934	50283.453	33.060	34.193	23.948
1.024				
4/15/2016 3:00:00 AM	221400.000	70.685	16.123	159.224
41799.750	50334.320	33.097	34.227	23.924
1.024				
4/15/2016 3:15:00 AM	222300.000	70.671	16.122	159.194
41784.594	50316.266	33.084	34.215	23.932
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4/15/2016 3:30:00 AM	223200.000	70.681	16.123	159.216
41814.734	50351.852	33.110	34.239	23.915
1.024				
4/15/2016 3:45:00 AM	224100.000	70.701	16.123	159.260
41774.953	50304.461	33.076	34.207	23.938
1.024				
4/15/2016 4:00:00 AM	225000.000	70.747	16.122	159.364
41771.445	50300.434	33.073	34.204	23.940
1.024				
4/15/2016 4:15:00 AM	225900.000	70.719	16.122	159.302
41776.008	50306.246	33.077	34.208	23.937
1.024				
4/15/2016 4:30:00 AM	226800.000	70.744	16.122	159.357
41776.430	50306.637	33.077	34.209	23.937
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4/15/2016 4:45:00 AM	227700.000	70.787	16.121	159.454
41786.367	50319.938	33.087	34.218	23.931
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4/15/2016 5:00:00 AM	228600.000	70.774	16.121	159.425
41776.336	50308.254	33.078	34.210	23.937
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4/15/2016 5:15:00 AM	229500.000	70.758	16.120	159.389
41772.625	50304.719	33.076	34.207	23.939
1.024				
4/15/2016 5:30:00 AM	230400.000	70.782	16.120	159.443
41770.059	50301.320	33.073	34.205	23.941
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4/15/2016 5:45:00 AM	231300.000	70.810	16.120	159.506
41784.730	50319.492	33.086	34.217	23.932
1.024				
4/15/2016 6:00:00 AM	232200.000	70.787	16.119	159.455
41742.445	50269.480	33.050	34.183	23.956
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41783.035 50319.285 33.086 34.217 23.933
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4/15/2016 6:30:00 AM 234000.000 70.816 16.118 159.521
41773.867 50309.059 33.079 34.210 23.938
1.024
4/15/2016 6:45:00 AM 234900.000 70.819 16.118 159.527
41766.859 50300.414 33.072 34.204 23.942
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4/15/2016 7:00:00 AM 235800.000 70.816 16.118 159.519
41738.648 50266.539 33.047 34.181 23.959
1.024
4/15/2016 7:15:00 AM 236700.000 70.831 16.117 159.554
41741.332 50270.797 33.050 34.184 23.957
1.024
4/15/2016 7:30:00 AM 237600.000 70.843 16.116 159.581
41752.098 50284.055 33.060 34.193 23.951
1.024
4/15/2016 7:45:00 AM 238500.000 70.836 16.116 159.565
41785.133 50324.859 33.090 34.221 23.932
1.024
4/15/2016 8:00:00 AM 239400.000 70.827 16.116 159.544
41752.004 50284.852 33.061 34.194 23.951
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4/15/2016 8:15:00 AM 240300.000 70.808 16.116 159.502
41770.660 50307.234 33.077 34.209 23.940
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4/15/2016 8:30:00 AM 241200.000 70.814 16.115 159.515
41752.133 50285.832 33.061 34.194 23.951
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4/15/2016 8:45:00 AM 242100.000 70.807 16.116 159.501
41727.445 50255.074 33.039 34.173 23.965
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4/15/2016 9:00:00 AM 243000.000 70.781 16.115 159.440
41745.020 50277.266 33.055 34.189 23.955
1.024
4/15/2016 9:15:00 AM 243900.000 70.770 16.115 159.416
41742.906 50274.320 33.053 34.187 23.956
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4/15/2016 9:30:00 AM 244800.000 70.765 16.115 159.405
41763.035 50298.863 33.071 34.203 23.945
1.024
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41780.695 50319.719 33.086 34.217 23.934
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41751.988 50284.121 33.060 34.193 23.951
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4/15/2016 10:15:00 AM 247500.000 70.687 16.116 159.229
41751.805 50284.410 33.060 34.193 23.951
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41738.023 50266.086 33.047 34.181 23.959
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41743.027 50272.836 33.052 34.186 23.956

1.024
4/15/2016 11:00:00 AM 250200.000 70.641 16.117 159.125
41769.508 50304.004 33.075 34.207 23.941
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4/15/2016 11:15:00 AM 251100.000 70.627 16.118 159.094
41777.535 50312.961 33.081 34.213 23.936
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4/15/2016 11:30:00 AM 252000.000 70.606 16.119 159.047
41790.074 50327.156 33.092 34.222 23.929
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4/15/2016 11:45:00 AM 252900.000 70.591 16.119 159.013
41768.848 50300.965 33.073 34.205 23.941
1.024
4/15/2016 12:00:00 PM 253800.000 70.561 16.120 158.945
41796.262 50333.379 33.097 34.227 23.926
1.024
4/15/2016 12:15:00 PM 254700.000 70.549 16.120 158.918
41750.645 50277.730 33.056 34.189 23.952
1.024
4/15/2016 12:30:00 PM 255600.000 70.516 16.121 158.844
41788.777 50323.039 33.089 34.220 23.930
1.024
4/15/2016 12:45:00 PM 256500.000 70.514 16.122 158.839
41761.688 50288.883 33.064 34.196 23.945
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4/15/2016 1:00:00 PM 257400.000 70.494 16.123 158.794
41757.449 50283.477 33.060 34.193 23.948
1.024
4/15/2016 1:15:00 PM 258300.000 70.496 16.123 158.799
41762.176 50288.563 33.064 34.196 23.945
1.024
4/15/2016 1:30:00 PM 259200.000 70.463 16.124 158.724
41768.063 50295.043 33.069 34.201 23.942
1.024
4/15/2016 1:45:00 PM 260100.000 70.457 16.125 158.712
41794.262 50324.867 33.091 34.221 23.927
1.024
4/15/2016 2:00:00 PM 261000.000 70.456 16.125 158.709
41773.359 50299.273 33.072 34.204 23.939
1.024
4/15/2016 2:15:00 PM 261900.000 70.454 16.127 158.705
41762.855 50285.410 33.062 34.194 23.945
1.024
4/15/2016 2:30:00 PM 262800.000 70.435 16.128 158.662
41774.563 50298.285 33.071 34.203 23.938
1.024
4/15/2016 2:45:00 PM 263700.000 70.439 16.127 158.671
41782.406 50307.926 33.078 34.209 23.934
1.024
4/15/2016 3:00:00 PM 264600.000 70.439 16.128 158.670
41747.379 50265.355 33.047 34.180 23.954
1.024
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41777.621 50300.742 33.073 34.205 23.936
1.024

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41757.621	50275.957	33.055	34.188	23.948
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41758.133	50275.664	33.055	34.187	23.947
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4/15/2016 4:00:00 PM	268200.000	70.455	16.130	158.706
41803.840	50330.480	33.095	34.225	23.921
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41788.484	50312.207	33.082	34.212	23.930
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4/15/2016 4:30:00 PM	270000.000	70.460	16.131	158.718
41778.555	50299.434	33.072	34.204	23.936
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4/15/2016 4:45:00 PM	270900.000	70.489	16.131	158.782
41768.574	50286.906	33.063	34.195	23.941
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4/15/2016 5:00:00 PM	271800.000	70.496	16.131	158.799
41787.805	50310.676	33.081	34.211	23.930
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4/15/2016 5:15:00 PM	272700.000	70.492	16.131	158.789
41751.941	50267.191	33.049	34.182	23.951
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4/15/2016 5:30:00 PM	273600.000	70.512	16.131	158.835
41772.848	50292.758	33.068	34.199	23.939
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41769.543	50288.477	33.064	34.196	23.941
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4/15/2016 6:00:00 PM	275400.000	70.540	16.131	158.898
41749.152	50264.230	33.047	34.180	23.953
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41749.922	50265.473	33.047	34.181	23.952
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4/15/2016 6:30:00 PM	277200.000	70.596	16.130	159.025
41772.875	50293.301	33.068	34.199	23.939
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4/15/2016 6:45:00 PM	278100.000	70.612	16.130	159.061
41777.109	50299.023	33.072	34.203	23.937
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4/15/2016 7:00:00 PM	279000.000	70.601	16.129	159.036
41787.891	50312.605	33.082	34.213	23.930
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41741.320	50257.547	33.041	34.175	23.957
1.024				
4/15/2016 7:30:00 PM	280800.000	70.647	16.128	159.140
41781.586	50306.340	33.077	34.208	23.934
1.024				
4/15/2016 7:45:00 PM	281700.000	70.662	16.127	159.172
41789.816	50316.750	33.085	34.215	23.929
1.024				
4/15/2016 8:00:00 PM	282600.000	70.656	16.127	159.159

41753.867 50273.680 33.053 34.186 23.950
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4/15/2016 8:15:00 PM 283500.000 70.666 16.126 159.183
41788.148 50316.270 33.084 34.215 23.930
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4/15/2016 8:30:00 PM 284400.000 70.683 16.126 159.220
41765.875 50290.066 33.065 34.197 23.943
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41763.281 50286.742 33.063 34.195 23.944
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41768.250 50293.238 33.067 34.199 23.942
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41772.988 50299.555 33.072 34.204 23.939
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4/15/2016 9:30:00 PM 288000.000 70.692 16.124 159.241
41772.504 50299.375 33.072 34.204 23.939
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4/15/2016 9:45:00 PM 288900.000 70.700 16.124 159.259
41787.023 50317.574 33.085 34.216 23.931
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4/15/2016 10:00:00 PM 289800.000 70.699 16.124 159.255
41776.988 50304.773 33.076 34.207 23.937
1.024
4/15/2016 10:15:00 PM 290700.000 70.676 16.124 159.206
41786.770 50317.266 33.085 34.216 23.931
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41784.250 50314.746 33.083 34.214 23.932
1.024
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41773.664 50301.586 33.074 34.205 23.939
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41771.844 50300.105 33.072 34.204 23.940
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41779.508 50309.035 33.079 34.210 23.935
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41783.473 50313.809 33.082 34.213 23.933
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4/16/2016 12:00:00 AM 297000.000 70.643 16.124 159.130
41743.129 50265.016 33.047 34.180 23.956
1.024
4/16/2016 12:15:00 AM 297900.000 70.641 16.124 159.125
41764.176 50290.160 33.065 34.197 23.944
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4/16/2016 12:30:00 AM 298800.000 70.615 16.124 159.066
41752.152 50275.582 33.054 34.187 23.951

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4/16/2016 12:45:00 AM 299700.000 70.608 16.124 159.051
41747.688 50269.492 33.050 34.183 23.953
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4/16/2016 1:00:00 AM 300600.000 70.601 16.125 159.035
41750.914 50272.555 33.052 34.185 23.952
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4/16/2016 1:15:00 AM 301500.000 70.589 16.125 159.008
41776.027 50302.910 33.075 34.206 23.937
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4/16/2016 1:30:00 AM 302400.000 70.579 16.125 158.986
41747.930 50269.473 33.050 34.183 23.953
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4/16/2016 1:45:00 AM 303300.000 70.572 16.125 158.971
41771.766 50297.570 33.071 34.202 23.940
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4/16/2016 2:00:00 AM 304200.000 70.565 16.126 158.955
41750.348 50270.863 33.051 34.184 23.952
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4/16/2016 2:15:00 AM 305100.000 70.565 16.126 158.955
41779.668 50306.168 33.077 34.208 23.935
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4/16/2016 2:30:00 AM 306000.000 70.555 16.127 158.931
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41750.820 50270.523 33.051 34.184 23.952
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41766.516 50288.996 33.065 34.197 23.943
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41763.578 50284.742 33.061 34.194 23.944
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41767.273 50289.406 33.065 34.197 23.942
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4/16/2016 4:00:00 AM 311400.000 70.568 16.129 158.962
41776.555 50299.457 33.072 34.204 23.937
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4/16/2016 4:15:00 AM 312300.000 70.545 16.128 158.910
41809.207 50339.598 33.102 34.231 23.918
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4/16/2016 4:30:00 AM 313200.000 70.562 16.128 158.947
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4/16/2016 4:45:00 AM 314100.000 70.579 16.128 158.986
41743.613 50260.617 33.044 34.177 23.956
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4/16/2016 5:00:00 AM 315000.000 70.590 16.127 159.012
41745.867 50263.930 33.046 34.179 23.954
1.024

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41781.293	50305.773	33.077	34.208	23.934
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41790.707	50318.035	33.086	34.216	23.929
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4/16/2016 5:45:00 AM	317700.000	70.621	16.127	159.082
41780.559	50306.129	33.077	34.208	23.935
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4/16/2016 6:00:00 AM	318600.000	70.639	16.127	159.122
41796.637	50325.059	33.091	34.221	23.925
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4/16/2016 6:15:00 AM	319500.000	70.659	16.127	159.165
41755.527	50276.586	33.055	34.188	23.949
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4/16/2016 6:30:00 AM	320400.000	70.648	16.126	159.142
41774.109	50299.270	33.072	34.204	23.938
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4/16/2016 6:45:00 AM	321300.000	70.680	16.126	159.214
41726.063	50241.512	33.030	34.164	23.966
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4/16/2016 7:00:00 AM	322200.000	70.670	16.126	159.192
41774.254	50299.754	33.072	34.204	23.938
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4/16/2016 7:15:00 AM	323100.000	70.683	16.125	159.219
41777.805	50304.934	33.076	34.207	23.936
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4/16/2016 7:30:00 AM	324000.000	70.695	16.126	159.248
41750.340	50271.160	33.051	34.184	23.952
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4/16/2016 7:45:00 AM	324900.000	70.702	16.125	159.264
41783.039	50311.867	33.081	34.212	23.933
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4/16/2016 8:00:00 AM	325800.000	70.685	16.124	159.226
41740.336	50260.941	33.044	34.177	23.958
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4/16/2016 8:15:00 AM	326700.000	70.692	16.125	159.241
41764.527	50289.461	33.065	34.197	23.944
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4/16/2016 8:30:00 AM	327600.000	70.699	16.124	159.255
41789.473	50320.406	33.087	34.218	23.929
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4/16/2016 8:45:00 AM	328500.000	70.685	16.124	159.225
41749.902	50272.875	33.052	34.186	23.952
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4/16/2016 9:00:00 AM	329400.000	70.693	16.124	159.243
41756.340	50280.625	33.058	34.191	23.948
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4/16/2016 9:15:00 AM	330300.000	70.697	16.124	159.251
41748.684	50270.691	33.051	34.184	23.953
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4/16/2016 9:30:00 AM	331200.000	70.689	16.124	159.235
41782.324	50311.711	33.081	34.212	23.934
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4/16/2016 9:45:00 AM	332100.000	70.649	16.123	159.145

41757.574 50282.820 33.060 34.192 23.948
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41747.836 50270.984 33.051 34.184 23.953
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41779.473 50308.578 33.079 34.210 23.935
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4/16/2016 10:30:00 AM 334800.000 70.627 16.124 159.095
41757.605 50281.637 33.059 34.192 23.948
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41771.977 50298.844 33.072 34.203 23.939
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41799.043 50331.633 33.096 34.226 23.924
1.024
4/16/2016 11:15:00 AM 337500.000 70.553 16.125 158.927
41783.633 50312.156 33.081 34.212 23.933
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4/16/2016 11:30:00 AM 338400.000 70.543 16.126 158.905
41747.563 50268.020 33.049 34.182 23.953
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4/16/2016 11:45:00 AM 339300.000 70.540 16.125 158.898
41793.266 50323.242 33.090 34.220 23.927
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4/16/2016 12:00:00 PM 340200.000 70.509 16.127 158.829
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4/16/2016 12:15:00 PM 341100.000 70.493 16.128 158.792
41770.016 50292.813 33.067 34.199 23.941
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41766.219 50287.836 33.064 34.196 23.943
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41789.148 50314.828 33.084 34.214 23.930
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41782.141 50306.293 33.077 34.208 23.934
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41802.977 50330.055 33.095 34.224 23.922
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41781.148 50302.148 33.074 34.205 23.934
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4/16/2016 2:15:00 PM 348300.000 70.349 16.132 158.467
41807.496 50332.340 33.097 34.226 23.919

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41789.625 50310.520 33.081 34.211 23.929
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41770.566 50286.973 33.063 34.195 23.940
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4/16/2016 3:00:00 PM 351000.000 70.340 16.134 158.448
41779.785 50297.039 33.071 34.202 23.935
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41767.250 50281.648 33.060 34.192 23.942
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41753.250 50263.578 33.046 34.179 23.950
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41775.852 50290.586 33.066 34.198 23.937
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4/16/2016 4:00:00 PM 354600.000 70.319 16.137 158.400
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41768.918 50281.020 33.059 34.191 23.941
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41789.309 50303.324 33.076 34.206 23.930
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41796.336 50312.797 33.083 34.213 23.926
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41772.414 50282.570 33.061 34.192 23.939
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41808.430 50327.047 33.093 34.222 23.919
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41765.699 50275.609 33.055 34.187 23.943
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41792.895 50308.152 33.079 34.210 23.928
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41775.156 50286.996 33.064 34.195 23.938
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41788.258 50303.375 33.076 34.206 23.930
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41793.117 50309.129 33.080 34.210 23.927
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41800.156 50318.109 33.087 34.216 23.923
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41767.102 50278.516 33.058 34.189 23.942
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41757.570 50267.359 33.049 34.182 23.948
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41794.344 50312.633 33.082 34.213 23.927
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41792.820 50311.098 33.081 34.212 23.928
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41763.594 50277.344 33.056 34.189 23.944
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41743.219 50253.328 33.039 34.172 23.956
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41768.074 50283.664 33.061 34.193 23.942
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41805.273 50329.551 33.095 34.224 23.920
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41789.078 50310.875 33.081 34.211 23.930
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41780.773 50301.801 33.074 34.205 23.934
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41756.035 50272.629 33.053 34.185 23.949
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41785.250 50309.531 33.080 34.210 23.932
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41779.676 50303.215 33.075 34.206 23.935
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41762.180 50282.863 33.060 34.192 23.945
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41741.285	50258.316	33.042	34.176	23.957
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4/17/2016 12:00:00 AM	383400.000	70.586	16.127	159.002
41750.121	50269.566	33.050	34.183	23.952
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41763.797	50286.543	33.063	34.195	23.944
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4/17/2016 12:30:00 AM	385200.000	70.587	16.127	159.003
41770.660	50293.984	33.068	34.200	23.940
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41793.891	50322.180	33.089	34.219	23.927
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4/17/2016 1:00:00 AM	387000.000	70.556	16.127	158.935
41757.047	50277.594	33.056	34.189	23.948
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4/17/2016 1:15:00 AM	387900.000	70.550	16.127	158.921
41790.367	50318.023	33.086	34.216	23.929
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4/17/2016 1:30:00 AM	388800.000	70.533	16.127	158.883
41767.473	50290.148	33.065	34.197	23.942
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41738.406	50254.242	33.039	34.173	23.959
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41788.305	50314.633	33.083	34.214	23.930
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4/17/2016 2:15:00 AM	391500.000	70.509	16.128	158.828
41748.676	50266.715	33.048	34.181	23.953
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41760.297	50280.090	33.058	34.190	23.946
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41750.934	50269.219	33.050	34.183	23.952
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4/17/2016 3:00:00 AM	394200.000	70.482	16.128	158.767
41785.223	50310.102	33.080	34.211	23.932
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4/17/2016 3:15:00 AM	395100.000	70.473	16.129	158.747
41768.680	50289.578	33.065	34.197	23.941
1.024				
4/17/2016 3:30:00 AM	396000.000	70.473	16.129	158.747
41783.816	50307.293	33.078	34.209	23.933
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4/17/2016 3:45:00 AM	396900.000	70.447	16.129	158.689
41796.117	50322.703	33.089	34.219	23.926
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4/17/2016 4:00:00 AM	397800.000	70.468	16.130	158.736
41761.164	50279.711	33.058	34.190	23.946

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41774.332	50295.168	33.069	34.201	23.938
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41766.805	50286.105	33.063	34.195	23.942
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4/17/2016 4:45:00 AM	400500.000	70.469	16.130	158.738
41780.293	50301.930	33.074	34.205	23.935
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4/17/2016 5:00:00 AM	401400.000	70.486	16.130	158.776
41755.875	50272.531	33.053	34.185	23.949
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4/17/2016 5:15:00 AM	402300.000	70.490	16.130	158.786
41785.961	50309.055	33.079	34.210	23.931
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4/17/2016 5:30:00 AM	403200.000	70.507	16.130	158.823
41766.137	50285.391	33.062	34.194	23.943
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4/17/2016 5:45:00 AM	404100.000	70.515	16.130	158.842
41771.473	50291.609	33.067	34.198	23.940
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41792.035	50316.680	33.085	34.215	23.928
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41762.547	50282.195	33.060	34.192	23.945
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41782.656	50306.004	33.077	34.208	23.933
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41794.668	50321.781	33.089	34.219	23.926
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41754.582	50273.824	33.053	34.186	23.949
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41781.922	50307.457	33.078	34.209	23.934
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41763.438	50285.512	33.062	34.194	23.944
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41792.375	50320.754	33.088	34.218	23.928
1.024				
4/17/2016 8:00:00 AM	412200.000	70.618	16.126	159.075
41750.352	50271.375	33.051	34.185	23.952
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4/17/2016 8:15:00 AM	413100.000	70.641	16.125	159.125
41770.574	50295.922	33.069	34.201	23.940
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4/17/2016 8:30:00 AM	414000.000	70.639	16.125	159.122
41753.883	50275.824	33.055	34.188	23.950
1.024				

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41788.594	50318.344	33.086	34.216	23.930
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41752.871	50276.547	33.055	34.188	23.950
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41773.039	50299.824	33.072	34.204	23.939
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4/17/2016 9:30:00 AM	417600.000	70.656	16.123	159.160
41754.035	50279.164	33.057	34.190	23.950
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41770.609	50299.121	33.072	34.203	23.940
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4/17/2016 10:00:00 AM	419400.000	70.674	16.122	159.200
41765.914	50294.590	33.068	34.200	23.943
1.024				
4/17/2016 10:15:00 AM	420300.000	70.647	16.122	159.139
41744.992	50269.398	33.050	34.183	23.955
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4/17/2016 10:30:00 AM	421200.000	70.637	16.122	159.117
41765.250	50293.586	33.068	34.200	23.943
1.024				
4/17/2016 10:45:00 AM	422100.000	70.649	16.122	159.144
41820.078	50359.711	33.116	34.245	23.912
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4/17/2016 11:00:00 AM	423000.000	70.645	16.122	159.135
41754.301	50280.605	33.058	34.191	23.950
1.024				
4/17/2016 11:15:00 AM	423900.000	70.613	16.122	159.063
41771.402	50300.492	33.073	34.204	23.940
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4/17/2016 11:30:00 AM	424800.000	70.617	16.121	159.072
41764.590	50293.297	33.067	34.199	23.944
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4/17/2016 11:45:00 AM	425700.000	70.596	16.122	159.025
41768.547	50297.449	33.070	34.202	23.941
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4/17/2016 12:00:00 PM	426600.000	70.587	16.122	159.004
41783.852	50315.691	33.084	34.215	23.933
1.024				
4/17/2016 12:15:00 PM	427500.000	70.556	16.122	158.934
41731.094	50252.160	33.037	34.171	23.963
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4/17/2016 12:30:00 PM	428400.000	70.546	16.123	158.913
41743.000	50265.578	33.047	34.181	23.956
1.024				
4/17/2016 12:45:00 PM	429300.000	70.527	16.123	158.870
41773.320	50302.496	33.074	34.206	23.939
1.024				
4/17/2016 1:00:00 PM	430200.000	70.513	16.123	158.838
41772.766	50300.918	33.073	34.205	23.939
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4/17/2016 1:15:00 PM	431100.000	70.487	16.123	158.778

41801.125 50335.262 33.098 34.228 23.923
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4/17/2016 1:30:00 PM 432000.000 70.482 16.124 158.767
41762.930 50288.145 33.064 34.196 23.945
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4/17/2016 1:45:00 PM 432900.000 70.465 16.125 158.730
41784.262 50313.426 33.082 34.213 23.932
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4/17/2016 2:00:00 PM 433800.000 70.442 16.125 158.678
41744.035 50264.273 33.046 34.180 23.956
1.024
4/17/2016 2:15:00 PM 434700.000 70.435 16.125 158.662
41790.148 50319.914 33.087 34.218 23.929
1.024
4/17/2016 2:30:00 PM 435600.000 70.400 16.126 158.584
41789.973 50318.367 33.086 34.216 23.929
1.024
4/17/2016 2:45:00 PM 436500.000 70.398 16.127 158.579
41761.938 50283.910 33.061 34.193 23.945
1.024
4/17/2016 3:00:00 PM 437400.000 70.380 16.127 158.538
41760.688 50282.703 33.060 34.192 23.946
1.024
4/17/2016 3:15:00 PM 438300.000 70.374 16.128 158.525
41767.707 50289.930 33.065 34.197 23.942
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4/17/2016 3:30:00 PM 439200.000 70.359 16.128 158.490
41773.578 50296.484 33.070 34.202 23.939
1.024
4/17/2016 3:45:00 PM 440100.000 70.358 16.129 158.488
41771.371 50293.324 33.068 34.199 23.940
1.024
4/17/2016 4:00:00 PM 441000.000 70.362 16.128 158.497
41786.324 50311.426 33.081 34.212 23.931
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4/17/2016 4:15:00 PM 441900.000 70.359 16.130 158.490
41776.555 50298.242 33.071 34.203 23.937
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4/17/2016 4:30:00 PM 442800.000 70.365 16.130 158.503
41772.441 50293.289 33.068 34.199 23.939
1.024
4/17/2016 4:45:00 PM 443700.000 70.354 16.131 158.480
41764.109 50282.043 33.060 34.192 23.944
1.024
4/17/2016 5:00:00 PM 444600.000 70.372 16.130 158.520
41780.520 50302.406 33.075 34.206 23.935
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4/17/2016 5:15:00 PM 445500.000 70.380 16.131 158.538
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41782.418 50303.371 33.075 34.206 23.934
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4/17/2016 5:45:00 PM 447300.000 70.386 16.131 158.552
41780.309 50300.734 33.073 34.205 23.935

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4/17/2016 6:00:00 PM 448200.000 70.406 16.131 158.597
41758.602 50274.898 33.054 34.187 23.947
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4/17/2016 6:15:00 PM 449100.000 70.397 16.131 158.577
41763.348 50280.820 33.059 34.191 23.944
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4/17/2016 6:30:00 PM 450000.000 70.433 16.131 158.657
41793.930 50318.141 33.086 34.216 23.927
1.024
4/17/2016 6:45:00 PM 450900.000 70.454 16.131 158.705
41782.473 50303.949 33.076 34.207 23.933
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4/17/2016 7:00:00 PM 451800.000 70.466 16.131 158.732
41761.297 50278.352 33.057 34.189 23.946
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41762.664 50281.316 33.059 34.191 23.945
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4/17/2016 7:30:00 PM 453600.000 70.504 16.129 158.817
41762.324 50281.414 33.059 34.191 23.945
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4/17/2016 7:45:00 PM 454500.000 70.512 16.129 158.835
41781.285 50304.246 33.076 34.207 23.934
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4/17/2016 8:00:00 PM 455400.000 70.534 16.129 158.885
41764.969 50285.508 33.062 34.194 23.944
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4/17/2016 8:30:00 PM 457200.000 70.589 16.127 159.008
41804.016 50334.254 33.098 34.227 23.921
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41778.102 50303.770 33.075 34.207 23.936
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4/17/2016 9:00:00 PM 459000.000 70.594 16.126 159.020
41788.414 50316.590 33.085 34.215 23.930
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4/17/2016 9:15:00 PM 459900.000 70.610 16.125 159.056
41790.809 50320.594 33.088 34.218 23.929
1.024
4/17/2016 9:30:00 PM 460800.000 70.639 16.124 159.122
41759.215 50283.574 33.060 34.193 23.947
1.024
4/17/2016 9:45:00 PM 461700.000 70.655 16.123 159.156
41789.250 50321.367 33.088 34.219 23.930
1.024
4/17/2016 10:00:00 PM 462600.000 70.671 16.123 159.192
41775.328 50304.090 33.075 34.207 23.938
1.024
4/17/2016 10:15:00 PM 463500.000 70.665 16.123 159.179
41752.441 50277.352 33.056 34.189 23.951
1.024

4/17/2016 10:30:00 PM	464400.000	70.667	16.122	159.184
41779.996	50311.750	33.081	34.212	23.935
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4/17/2016 10:45:00 PM	465300.000	70.663	16.121	159.176
41798.668	50334.848	33.098	34.228	23.924
1.024				
4/17/2016 11:00:00 PM	466200.000	70.679	16.121	159.211
41792.363	50327.555	33.092	34.223	23.928
1.024				
4/17/2016 11:15:00 PM	467100.000	70.678	16.120	159.209
41757.324	50285.867	33.062	34.194	23.948
1.024				
4/17/2016 11:30:00 PM	468000.000	70.680	16.120	159.214
41779.805	50313.762	33.082	34.213	23.935
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4/17/2016 11:45:00 PM	468900.000	70.655	16.119	159.157
41745.961	50273.914	33.053	34.186	23.954
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4/18/2016 12:00:00 AM	469800.000	70.663	16.119	159.176
41768.539	50301.105	33.073	34.205	23.941
1.024				
4/18/2016 12:15:00 AM	470700.000	70.639	16.118	159.122
41764.539	50297.109	33.070	34.202	23.944
1.024				
4/18/2016 12:30:00 AM	471600.000	70.627	16.117	159.094
41773.066	50308.289	33.078	34.210	23.939
1.024				
4/18/2016 12:45:00 AM	472500.000	70.615	16.118	159.067
41779.578	50315.219	33.083	34.214	23.935
1.024				
4/18/2016 1:00:00 AM	473400.000	70.608	16.118	159.051
41786.113	50323.805	33.089	34.220	23.931
1.024				
4/18/2016 1:15:00 AM	474300.000	70.618	16.118	159.074
41751.922	50281.516	33.058	34.191	23.951
1.024				
4/18/2016 1:30:00 AM	475200.000	70.586	16.118	159.002
41748.750	50277.891	33.056	34.189	23.953
1.024				
4/18/2016 1:45:00 AM	476100.000	70.585	16.119	159.000
41756.152	50286.188	33.062	34.195	23.949
1.024				
4/18/2016 2:00:00 AM	477000.000	70.575	16.118	158.977
41791.738	50329.664	33.094	34.224	23.928
1.024				
4/18/2016 2:15:00 AM	477900.000	70.543	16.119	158.906
41781.730	50317.211	33.085	34.216	23.934
1.024				
4/18/2016 2:30:00 AM	478800.000	70.528	16.119	158.871
41797.789	50335.934	33.098	34.228	23.925
1.024				
4/18/2016 2:45:00 AM	479700.000	70.536	16.120	158.890
41761.480	50291.793	33.066	34.198	23.946
1.024				
4/18/2016 3:00:00 AM	480600.000	70.522	16.120	158.858

41771.270	50303.281	33.074	34.206	23.940
1.024				
4/18/2016 3:15:00 AM	481500.000	70.507	16.120	158.823
41763.348	50293.121	33.067	34.199	23.944
1.024				
4/18/2016 3:30:00 AM	482400.000	70.499	16.120	158.806
41782.105	50315.824	33.084	34.215	23.934
1.024				
4/18/2016 3:45:00 AM	483300.000	70.482	16.121	158.768
41767.840	50297.723	33.070	34.202	23.942
1.024				
4/18/2016 4:00:00 AM	484200.000	70.496	16.121	158.799
41761.727	50290.059	33.065	34.197	23.945
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4/18/2016 4:15:00 AM	485100.000	70.492	16.121	158.790
41767.008	50296.824	33.070	34.202	23.942
1.024				
4/18/2016 4:30:00 AM	486000.000	70.477	16.121	158.757
41775.750	50307.152	33.077	34.209	23.937
1.024				
4/18/2016 4:45:00 AM	486900.000	70.462	16.122	158.723
41766.805	50295.664	33.069	34.201	23.942
1.024				
4/18/2016 5:00:00 AM	487800.000	70.464	16.122	158.728
41755.641	50282.316	33.059	34.192	23.949
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4/18/2016 5:15:00 AM	488700.000	70.468	16.122	158.737
41775.477	50305.797	33.076	34.208	23.937
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4/18/2016 5:30:00 AM	489600.000	70.488	16.122	158.781
41785.516	50317.887	33.085	34.216	23.932
1.024				
4/18/2016 5:45:00 AM	490500.000	70.492	16.122	158.790
41780.402	50311.219	33.080	34.212	23.935
1.024				
4/18/2016 6:00:00 AM	491400.000	70.510	16.122	158.831
41794.410	50328.594	33.093	34.223	23.927
1.024				
4/18/2016 6:15:00 AM	492300.000	70.515	16.122	158.842
41773.594	50303.223	33.075	34.206	23.939
1.024				
4/18/2016 6:30:00 AM	493200.000	70.531	16.122	158.879
41762.809	50290.031	33.065	34.197	23.945
1.024				
4/18/2016 6:45:00 AM	494100.000	70.538	16.122	158.893
41760.582	50287.859	33.063	34.196	23.946
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4/18/2016 7:00:00 AM	495000.000	70.550	16.122	158.921
41760.031	50287.402	33.063	34.195	23.946
1.024				
4/18/2016 7:15:00 AM	495900.000	70.558	16.121	158.938
41781.473	50314.141	33.083	34.214	23.934
1.024				
4/18/2016 7:30:00 AM	496800.000	70.579	16.121	158.986
41739.469	50263.758	33.046	34.179	23.958

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4/18/2016 7:45:00 AM 497700.000 70.580 16.121 158.988
41749.676 50276.148 33.055 34.188 23.952
1.024
4/18/2016 8:00:00 AM 498600.000 70.611 16.120 159.057
41778.258 50311.699 33.081 34.212 23.936
1.024
4/18/2016 8:15:00 AM 499500.000 70.623 16.119 159.086
41738.160 50263.813 33.045 34.179 23.959
1.024
4/18/2016 8:30:00 AM 500400.000 70.657 16.118 159.162
41775.078 50309.598 33.079 34.211 23.938
1.024
4/18/2016 8:45:00 AM 501300.000 70.665 16.119 159.181
41773.383 50307.246 33.077 34.209 23.939
1.024
4/18/2016 9:00:00 AM 502200.000 70.646 16.117 159.137
41767.684 50301.805 33.073 34.205 23.942
1.024
4/18/2016 9:15:00 AM 503100.000 70.679 16.117 159.212
41781.246 50318.352 33.085 34.216 23.934
1.024
4/18/2016 9:30:00 AM 504000.000 70.692 16.116 159.240
41766.105 50301.238 33.073 34.205 23.943
1.024
4/18/2016 9:45:00 AM 504900.000 70.692 16.115 159.241
41758.629 50293.344 33.067 34.199 23.947
1.024
4/18/2016 10:00:00 AM 505800.000 70.696 16.115 159.249
41754.059 50287.949 33.063 34.196 23.950
1.024
4/18/2016 10:15:00 AM 506700.000 70.710 16.114 159.282
41773.617 50312.410 33.081 34.212 23.939
1.024
4/18/2016 10:30:00 AM 507600.000 70.694 16.114 159.245
41763.434 50300.758 33.072 34.205 23.944
1.024
4/18/2016 10:45:00 AM 508500.000 70.703 16.113 159.266
41745.441 50279.809 33.057 34.190 23.955
1.024
4/18/2016 11:00:00 AM 509400.000 70.695 16.113 159.248
41757.426 50294.242 33.067 34.200 23.948
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4/18/2016 11:15:00 AM 510300.000 70.700 16.113 159.259
41748.262 50283.516 33.059 34.193 23.953
1.024
4/18/2016 11:30:00 AM 511200.000 70.688 16.113 159.233
41744.152 50278.969 33.056 34.190 23.955
1.024
4/18/2016 11:45:00 AM 512100.000 70.686 16.112 159.228
41761.402 50300.059 33.072 34.204 23.946
1.024
4/18/2016 12:00:00 PM 513000.000 70.649 16.112 159.144
41726.707 50258.781 33.041 34.176 23.965
1.024

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41767.840	50308.324	33.078	34.210	23.942
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4/18/2016 12:30:00 PM	514800.000	70.662	16.111	159.172
41759.469	50298.742	33.071	34.203	23.947
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4/18/2016 12:45:00 PM	515700.000	70.626	16.112	159.093
41774.023	50315.145	33.083	34.214	23.938
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4/18/2016 1:00:00 PM	516600.000	70.617	16.113	159.071
41759.238	50296.938	33.069	34.202	23.947
1.024				
4/18/2016 1:15:00 PM	517500.000	70.574	16.112	158.975
41786.617	50330.727	33.094	34.225	23.931
1.024				
4/18/2016 1:30:00 PM	518400.000	70.574	16.113	158.975
41771.977	50311.566	33.080	34.212	23.939
1.024				
4/18/2016 1:45:00 PM	519300.000	70.545	16.113	158.910
41772.242	50312.293	33.081	34.212	23.939
1.024				
4/18/2016 2:00:00 PM	520200.000	70.527	16.114	158.868
41770.801	50309.328	33.079	34.210	23.940
1.024				
4/18/2016 2:15:00 PM	521100.000	70.503	16.114	158.814
41758.711	50294.770	33.068	34.200	23.947
1.024				
4/18/2016 2:30:00 PM	522000.000	70.492	16.115	158.790
41770.652	50308.648	33.078	34.210	23.940
1.024				
4/18/2016 2:45:00 PM	522900.000	70.496	16.116	158.799
41766.574	50302.316	33.073	34.206	23.943
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4/18/2016 3:00:00 PM	523800.000	70.491	16.115	158.788
41761.172	50296.207	33.069	34.201	23.946
1.024				
4/18/2016 3:15:00 PM	524700.000	70.456	16.116	158.709
41801.941	50344.398	33.104	34.234	23.922
1.024				
4/18/2016 3:30:00 PM	525600.000	70.439	16.116	158.672
41755.320	50288.645	33.063	34.196	23.949
1.024				
4/18/2016 3:45:00 PM	526500.000	70.454	16.117	158.706
41751.766	50282.941	33.059	34.192	23.951
1.024				
4/18/2016 4:00:00 PM	527400.000	70.428	16.118	158.645
41763.984	50296.555	33.069	34.202	23.944
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4/18/2016 4:15:00 PM	528300.000	70.438	16.118	158.669
41761.219	50293.109	33.067	34.199	23.946
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4/18/2016 4:30:00 PM	529200.000	70.410	16.118	158.606
41779.629	50315.281	33.083	34.214	23.935
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4/18/2016 4:45:00 PM	530100.000	70.438	16.118	158.669

41767.805	50300.742	33.073	34.205	23.942
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4/18/2016 5:00:00 PM	531000.000	70.430	16.120	158.651
41793.480	50329.922	33.094	34.224	23.927
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4/18/2016 5:15:00 PM	531900.000	70.405	16.119	158.594
41782.168	50316.918	33.084	34.216	23.934
1.024				
4/18/2016 5:30:00 PM	532800.000	70.430	16.120	158.649
41760.211	50289.344	33.064	34.197	23.946
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4/18/2016 5:45:00 PM	533700.000	70.441	16.120	158.675
41753.074	50280.750	33.058	34.191	23.950
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4/18/2016 6:00:00 PM	534600.000	70.439	16.121	158.670
41773.691	50305.270	33.076	34.208	23.939
1.024				
4/18/2016 6:15:00 PM	535500.000	70.448	16.121	158.692
41796.965	50332.898	33.096	34.226	23.925
1.024				
4/18/2016 6:30:00 PM	536400.000	70.461	16.120	158.721
41787.188	50321.738	33.088	34.219	23.931
1.024				
4/18/2016 6:45:00 PM	537300.000	70.479	16.121	158.760
41810.652	50349.887	33.109	34.238	23.917
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4/18/2016 7:00:00 PM	538200.000	70.498	16.120	158.804
41768.355	50299.059	33.071	34.203	23.942
1.024				
4/18/2016 7:15:00 PM	539100.000	70.508	16.121	158.826
41759.953	50288.426	33.064	34.196	23.946
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4/18/2016 7:30:00 PM	540000.000	70.550	16.120	158.921
41790.660	50326.324	33.091	34.222	23.929
1.024				
4/18/2016 7:45:00 PM	540900.000	70.559	16.119	158.940
41774.250	50307.586	33.078	34.209	23.938
1.024				
4/18/2016 8:00:00 PM	541800.000	70.602	16.119	159.039
41757.129	50286.969	33.062	34.195	23.948
1.024				
4/18/2016 8:15:00 PM	542700.000	70.602	16.117	159.039
41764.262	50297.594	33.070	34.202	23.944
1.024				
4/18/2016 8:30:00 PM	543600.000	70.612	16.117	159.060
41769.582	50304.000	33.075	34.207	23.941
1.024				
4/18/2016 8:45:00 PM	544500.000	70.657	16.117	159.162
41751.449	50283.074	33.059	34.192	23.951
1.024				
4/18/2016 9:00:00 PM	545400.000	70.642	16.116	159.129
41771.664	50307.934	33.078	34.209	23.940
1.024				
4/18/2016 9:15:00 PM	546300.000	70.677	16.116	159.206
41765.906	50301.809	33.073	34.205	23.943

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4/18/2016 9:30:00 PM 547200.000 70.699 16.114 159.256
41749.250 50283.270 33.059 34.193 23.953
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4/18/2016 9:45:00 PM 548100.000 70.745 16.114 159.361
41737.555 50269.488 33.049 34.183 23.959
1.024
4/18/2016 10:00:00 PM 549000.000 70.734 16.113 159.336
41775.066 50316.102 33.083 34.215 23.938
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4/18/2016 10:15:00 PM 549900.000 70.735 16.112 159.338
41773.574 50315.020 33.083 34.214 23.939
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4/18/2016 10:30:00 PM 550800.000 70.753 16.111 159.377
41748.625 50286.090 33.061 34.195 23.953
1.024
4/18/2016 10:45:00 PM 551700.000 70.749 16.111 159.370
41753.273 50292.297 33.066 34.199 23.950
1.024
4/18/2016 11:00:00 PM 552600.000 70.756 16.109 159.384
41757.738 50298.992 33.071 34.203 23.948
1.024
4/18/2016 11:15:00 PM 553500.000 70.783 16.109 159.446
41748.281 50288.016 33.062 34.196 23.953
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4/18/2016 11:30:00 PM 554400.000 70.755 16.109 159.382
41704.453 50235.730 33.024 34.160 23.978
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4/18/2016 11:45:00 PM 555300.000 70.754 16.107 159.380
41777.195 50324.777 33.089 34.221 23.937
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4/19/2016 12:00:00 AM 556200.000 70.747 16.108 159.364
41757.715 50301.012 33.072 34.205 23.948
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4/19/2016 12:15:00 AM 557100.000 70.771 16.107 159.420
41744.227 50285.672 33.061 34.194 23.955
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4/19/2016 12:30:00 AM 558000.000 70.754 16.107 159.381
41771.641 50318.605 33.085 34.217 23.940
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4/19/2016 12:45:00 AM 558900.000 70.733 16.107 159.334
41775.078 50322.746 33.088 34.219 23.938
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4/19/2016 1:00:00 AM 559800.000 70.712 16.107 159.285
41747.418 50289.426 33.063 34.197 23.954
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4/19/2016 1:15:00 AM 560700.000 70.696 16.106 159.249
41747.070 50289.715 33.064 34.197 23.954
1.024
4/19/2016 1:30:00 AM 561600.000 70.687 16.107 159.228
41791.066 50342.301 33.102 34.233 23.929
1.024
4/19/2016 1:45:00 AM 562500.000 70.680 16.107 159.215
41751.738 50294.211 33.067 34.200 23.951
1.024

4/19/2016 2:00:00 AM	563400.000	70.671	16.108	159.193
41722.137	50258.242	33.041	34.176	23.968
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4/19/2016 2:15:00 AM	564300.000	70.638	16.108	159.118
41747.090	50287.586	33.062	34.196	23.954
1.024				
4/19/2016 2:30:00 AM	565200.000	70.641	16.108	159.127
41755.535	50298.270	33.070	34.203	23.949
1.024				
4/19/2016 2:45:00 AM	566100.000	70.615	16.108	159.066
41736.074	50274.230	33.052	34.186	23.960
1.024				
4/19/2016 3:00:00 AM	567000.000	70.597	16.109	159.027
41780.770	50327.043	33.091	34.222	23.934
1.024				
4/19/2016 3:15:00 AM	567900.000	70.587	16.109	159.003
41743.203	50281.688	33.058	34.192	23.956
1.024				
4/19/2016 3:30:00 AM	568800.000	70.572	16.110	158.971
41788.020	50335.273	33.097	34.228	23.930
1.024				
4/19/2016 3:45:00 AM	569700.000	70.550	16.110	158.921
41754.227	50293.656	33.067	34.200	23.950
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4/19/2016 4:00:00 AM	570600.000	70.528	16.110	158.871
41788.730	50335.219	33.097	34.228	23.930
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4/19/2016 4:15:00 AM	571500.000	70.539	16.112	158.896
41744.578	50280.500	33.057	34.191	23.955
1.024				
4/19/2016 4:30:00 AM	572400.000	70.512	16.112	158.836
41741.656	50276.359	33.054	34.188	23.957
1.024				
4/19/2016 4:45:00 AM	573300.000	70.506	16.112	158.821
41767.488	50307.902	33.077	34.209	23.942
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4/19/2016 5:00:00 AM	574200.000	70.515	16.113	158.842
41775.164	50316.324	33.084	34.215	23.938
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4/19/2016 5:15:00 AM	575100.000	70.506	16.113	158.821
41763.113	50300.891	33.072	34.205	23.945
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4/19/2016 5:30:00 AM	576000.000	70.496	16.113	158.800
41761.996	50299.547	33.071	34.204	23.945
1.024				
4/19/2016 5:45:00 AM	576900.000	70.513	16.114	158.836
41749.238	50283.254	33.059	34.193	23.953
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4/19/2016 6:00:00 AM	577800.000	70.494	16.114	158.794
41762.098	50299.148	33.071	34.203	23.945
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4/19/2016 6:15:00 AM	578700.000	70.502	16.115	158.813
41785.883	50326.480	33.091	34.222	23.932
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4/19/2016 6:30:00 AM	579600.000	70.532	16.115	158.880

41767.797	50304.793	33.075	34.207	23.942
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4/19/2016 6:45:00 AM	580500.000	70.536	16.115	158.890
41763.457	50299.074	33.071	34.203	23.944
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4/19/2016 7:00:00 AM	581400.000	70.544	16.116	158.908
41746.043	50277.887	33.056	34.189	23.954
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4/19/2016 7:15:00 AM	582300.000	70.553	16.116	158.927
41754.531	50287.695	33.063	34.196	23.949
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4/19/2016 7:30:00 AM	583200.000	70.561	16.116	158.945
41755.152	50288.859	33.064	34.196	23.949
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4/19/2016 7:45:00 AM	584100.000	70.561	16.115	158.945
41765.090	50301.039	33.073	34.205	23.943
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4/19/2016 8:00:00 AM	585000.000	70.593	16.115	159.018
41759.746	50295.098	33.068	34.201	23.947
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4/19/2016 8:15:00 AM	585900.000	70.606	16.115	159.047
41767.273	50304.465	33.075	34.207	23.942
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41767.867	50305.090	33.075	34.207	23.942
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4/19/2016 8:45:00 AM	587700.000	70.627	16.114	159.094
41732.633	50263.164	33.045	34.179	23.962
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4/19/2016 9:00:00 AM	588600.000	70.646	16.115	159.137
41738.348	50269.742	33.049	34.183	23.959
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4/19/2016 9:15:00 AM	589500.000	70.648	16.114	159.142
41766.836	50305.066	33.075	34.207	23.942
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4/19/2016 9:30:00 AM	590400.000	70.673	16.113	159.197
41748.387	50283.867	33.060	34.193	23.953
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4/19/2016 9:45:00 AM	591300.000	70.670	16.113	159.191
41748.711	50284.145	33.060	34.193	23.953
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4/19/2016 10:00:00 AM	592200.000	70.704	16.112	159.268
41777.156	50319.547	33.086	34.217	23.937
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4/19/2016 10:15:00 AM	593100.000	70.692	16.112	159.241
41759.121	50298.020	33.070	34.203	23.947
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4/19/2016 10:30:00 AM	594000.000	70.703	16.110	159.266
41750.477	50289.023	33.063	34.197	23.952
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4/19/2016 10:45:00 AM	594900.000	70.707	16.110	159.275
41729.676	50264.176	33.045	34.180	23.964
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4/19/2016 11:00:00 AM	595800.000	70.724	16.110	159.313
41758.773	50299.637	33.071	34.204	23.947

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4/19/2016 11:15:00 AM 596700.000 70.723 16.110 159.311
41776.203 50321.039 33.087 34.218 23.937
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4/19/2016 11:30:00 AM 597600.000 70.702 16.110 159.264
41770.156 50313.852 33.081 34.213 23.941
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4/19/2016 11:45:00 AM 598500.000 70.704 16.109 159.269
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4/19/2016 12:00:00 PM 599400.000 70.701 16.109 159.260
41748.980 50289.262 33.063 34.197 23.953
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4/19/2016 12:15:00 PM 600300.000 70.703 16.109 159.265
41737.867 50275.363 33.053 34.187 23.959
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4/19/2016 12:30:00 PM 601200.000 70.685 16.109 159.225
41762.664 50305.340 33.075 34.208 23.945
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4/19/2016 12:45:00 PM 602100.000 70.686 16.109 159.226
41768.648 50312.953 33.081 34.213 23.941
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4/19/2016 1:00:00 PM 603000.000 70.664 16.108 159.178
41772.273 50318.035 33.084 34.216 23.939
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4/19/2016 1:15:00 PM 603900.000 70.648 16.108 159.141
41757.637 50299.988 33.071 34.204 23.948
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41772.957 50318.656 33.085 34.217 23.939
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41761.375 50303.273 33.074 34.206 23.946
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41760.945 50303.363 33.074 34.206 23.946
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4/19/2016 2:15:00 PM 607500.000 70.599 16.110 159.030
41748.047 50286.813 33.062 34.195 23.953
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4/19/2016 2:30:00 PM 608400.000 70.563 16.111 158.950
41761.328 50301.996 33.073 34.205 23.946
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4/19/2016 2:45:00 PM 609300.000 70.568 16.111 158.962
41798.637 50346.637 33.106 34.236 23.924
1.024
4/19/2016 3:00:00 PM 610200.000 70.540 16.111 158.899
41742.859 50279.340 33.056 34.190 23.956
1.024
4/19/2016 3:15:00 PM 611100.000 70.512 16.111 158.835
41768.941 50310.563 33.079 34.211 23.941
1.024
4/19/2016 3:30:00 PM 612000.000 70.509 16.112 158.828
41756.801 50294.602 33.068 34.200 23.948
1.024

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41792.363	50336.121	33.098	34.229	23.928
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4/19/2016 4:15:00 PM	614700.000	70.489	16.113	158.782
41739.086	50272.465	33.051	34.185	23.958
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4/19/2016 4:30:00 PM	615600.000	70.476	16.114	158.754
41763.871	50300.672	33.072	34.204	23.944
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4/19/2016 4:45:00 PM	616500.000	70.461	16.115	158.721
41741.141	50273.105	33.052	34.186	23.957
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4/19/2016 5:00:00 PM	617400.000	70.470	16.115	158.740
41767.008	50303.746	33.074	34.207	23.942
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41783.461	50323.359	33.089	34.220	23.933
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4/19/2016 5:30:00 PM	619200.000	70.446	16.116	158.686
41769.648	50305.902	33.076	34.208	23.941
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4/19/2016 5:45:00 PM	620100.000	70.453	16.116	158.703
41764.332	50298.898	33.071	34.203	23.944
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4/19/2016 6:00:00 PM	621000.000	70.472	16.116	158.745
41779.613	50317.195	33.084	34.216	23.935
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4/19/2016 6:15:00 PM	621900.000	70.468	16.116	158.737
41781.664	50319.664	33.086	34.217	23.934
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4/19/2016 6:30:00 PM	622800.000	70.485	16.116	158.775
41761.906	50295.977	33.069	34.201	23.945
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4/19/2016 6:45:00 PM	623700.000	70.516	16.117	158.845
41757.832	50290.762	33.065	34.198	23.948
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4/19/2016 7:00:00 PM	624600.000	70.520	16.117	158.852
41770.281	50305.355	33.076	34.208	23.940
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4/19/2016 7:15:00 PM	625500.000	70.536	16.116	158.888
41743.133	50273.262	33.052	34.186	23.956
1.024				
4/19/2016 7:30:00 PM	626400.000	70.539	16.117	158.896
41775.539	50311.688	33.080	34.212	23.937
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4/19/2016 7:45:00 PM	627300.000	70.542	16.116	158.902
41773.984	50310.414	33.079	34.211	23.938
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4/19/2016 8:00:00 PM	628200.000	70.582	16.115	158.992
41758.316	50292.883	33.067	34.199	23.947
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4/19/2016 8:15:00 PM	629100.000	70.585	16.116	158.999

41760.824 50295.586 33.069 34.201 23.946
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4/19/2016 8:30:00 PM 630000.000 70.600 16.116 159.033
41760.105 50294.719 33.068 34.200 23.946
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41770.484 50308.031 33.078 34.209 23.940
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4/19/2016 9:00:00 PM 631800.000 70.659 16.114 159.165
41742.738 50275.531 33.054 34.187 23.956
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41760.758 50297.637 33.070 34.202 23.946
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41721.625 50250.719 33.035 34.170 23.968
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41733.410 50266.738 33.047 34.181 23.962
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41775.727 50318.223 33.085 34.216 23.937
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41735.465 50271.254 33.050 34.184 23.960
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41763.391 50304.480 33.075 34.207 23.944
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41750.566 50291.887 33.065 34.198 23.952
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41713.934 50248.273 33.033 34.169 23.973
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41710.043 50244.996 33.031 34.167 23.975
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41794.996 50346.219 33.105 34.235 23.926
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41742.824 50285.109 33.060 34.194 23.956

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41719.109 50256.848 33.039 34.175 23.970
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4/20/2016 1:15:00 AM 647100.000 70.695 16.106 159.248
41740.758 50282.711 33.058 34.192 23.957
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4/20/2016 1:30:00 AM 648000.000 70.684 16.107 159.223
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41752.336 50296.766 33.069 34.202 23.951
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41770.125 50316.977 33.084 34.216 23.941
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41744.707 50285.023 33.060 34.194 23.955
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41766.695 50302.656 33.074 34.206 23.943
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41756.199 50292.973 33.066 34.199 23.949
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41760.344 50300.707 33.072 34.204 23.946
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41756.180 50296.309 33.069 34.201 23.949
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41734.754 50270.293 33.050 34.184 23.961
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41754.238 50293.867 33.067 34.200 23.950
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41738.477 50274.270 33.053 34.187 23.959

1.024
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41705.738 50235.254 33.024 34.160 23.978
1.024
4/20/2016 3:00:00 PM 696600.000 70.539 16.111 158.896
41731.938 50265.992 33.046 34.181 23.962
1.024
4/20/2016 3:15:00 PM 697500.000 70.504 16.111 158.818
41774.027 50316.277 33.083 34.215 23.938
1.024
4/20/2016 3:30:00 PM 698400.000 70.502 16.112 158.813
41760.961 50300.137 33.072 34.204 23.946
1.024
4/20/2016 3:45:00 PM 699300.000 70.497 16.112 158.801
41759.301 50297.828 33.070 34.203 23.947
1.024
4/20/2016 4:00:00 PM 700200.000 70.479 16.112 158.761
41748.246 50284.211 33.060 34.193 23.953
1.024
4/20/2016 4:15:00 PM 701100.000 70.463 16.113 158.726
41739.512 50273.063 33.052 34.186 23.958
1.024
4/20/2016 4:30:00 PM 702000.000 70.439 16.113 158.671
41739.113 50271.984 33.051 34.185 23.958
1.024
4/20/2016 4:45:00 PM 702900.000 70.433 16.114 158.656
41774.668 50313.676 33.082 34.213 23.938
1.024
4/20/2016 5:00:00 PM 703800.000 70.425 16.114 158.639
41773.879 50312.934 33.081 34.213 23.938
1.024
4/20/2016 5:15:00 PM 704700.000 70.425 16.115 158.639
41777.953 50317.441 33.084 34.216 23.936
1.024
4/20/2016 5:30:00 PM 705600.000 70.422 16.115 158.633
41757.453 50292.238 33.066 34.199 23.948
1.024
4/20/2016 5:45:00 PM 706500.000 70.426 16.116 158.642
41761.953 50296.945 33.070 34.202 23.945
1.024
4/20/2016 6:00:00 PM 707400.000 70.420 16.116 158.629
41767.750 50303.730 33.075 34.207 23.942
1.024
4/20/2016 6:15:00 PM 708300.000 70.443 16.116 158.679
41775.000 50312.348 33.081 34.212 23.938
1.024
4/20/2016 6:30:00 PM 709200.000 70.445 16.116 158.683
41746.480 50278.000 33.056 34.189 23.954
1.024
4/20/2016 6:45:00 PM 710100.000 70.435 16.117 158.663
41774.355 50310.262 33.079 34.211 23.938
1.024
4/20/2016 7:00:00 PM 711000.000 70.442 16.116 158.678
41757.578 50290.766 33.065 34.198 23.948
1.024

4/20/2016 7:15:00 PM 711900.000 70.469 16.117 158.738
41774.801 50311.000 33.080 34.211 23.938
1.024
4/20/2016 7:30:00 PM 712800.000 70.472 16.116 158.744
41782.539 50320.828 33.087 34.218 23.933
1.024
4/20/2016 7:45:00 PM 713700.000 70.480 16.117 158.764
41751.867 50282.969 33.059 34.192 23.951
1.024
4/20/2016 8:00:00 PM 714600.000 70.498 16.117 158.803
41765.605 50299.609 33.072 34.204 23.943
1.024
4/20/2016 8:15:00 PM 715500.000 70.526 16.116 158.867
41759.602 50293.715 33.067 34.200 23.947
1.024
4/20/2016 8:30:00 PM 716400.000 70.549 16.117 158.918
41744.348 50274.617 33.053 34.187 23.955
1.024
4/20/2016 8:45:00 PM 717300.000 70.546 16.115 158.912
41750.480 50283.328 33.060 34.193 23.952
1.024
4/20/2016 9:00:00 PM 718200.000 70.585 16.115 159.000
41739.629 50270.570 33.050 34.184 23.958
1.024
4/20/2016 9:15:00 PM 719100.000 70.603 16.115 159.040
41759.531 50294.344 33.068 34.200 23.947
1.024
4/20/2016 9:30:00 PM 720000.000 70.619 16.114 159.077
41733.848 50264.629 33.046 34.180 23.961
1.024
4/20/2016 9:45:00 PM 720900.000 70.638 16.114 159.119
41749.980 50284.254 33.060 34.193 23.952
1.024
4/20/2016 10:00:00 PM 721800.000 70.653 16.113 159.152
41754.633 50290.773 33.065 34.198 23.949
1.024
4/20/2016 10:15:00 PM 722700.000 70.648 16.112 159.142
41747.719 50283.578 33.059 34.193 23.953
1.024
4/20/2016 10:30:00 PM 723600.000 70.662 16.113 159.173
41764.352 50302.980 33.074 34.206 23.944
1.024
4/20/2016 10:45:00 PM 724500.000 70.669 16.112 159.190
41722.387 50253.773 33.038 34.173 23.968
1.024
4/20/2016 11:00:00 PM 725400.000 70.696 16.111 159.250
41774.168 50316.855 33.084 34.215 23.938
1.024
4/20/2016 11:15:00 PM 726300.000 70.695 16.111 159.248
41737.539 50273.141 33.052 34.186 23.959
1.024
4/20/2016 11:30:00 PM 727200.000 70.692 16.110 159.241
41779.141 50323.965 33.089 34.220 23.935
1.024
4/20/2016 11:45:00 PM 728100.000 70.695 16.110 159.248

41756.855	50297.223	33.069	34.202	23.948
1.024				

Report Date: 4/22/2016 8:21:57 AM
Report User Name: KMakar
Report Computer Name: WKST46
Application: WinSitu.exe
Application Version: 5.6.25.0

Log File Properties:
File Name: MPWSP MW-1S LT Test_2016-04-21_10-38-13-546.wsl
Create Date: 4/21/2016 10:35:48 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

Log Data:
Record Count: 853
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	Sensor: PCTD(G) 231ft	Sensor: PCTD(G) 231ft	Sensor: PCTD(G) 231ft
Date and Time	Elapsed Time Seconds	SN#: 421436 Pressure (PSI)	SN#: 421436 Temperature (C)	SN#: 421436 Depth (ft)	SN#: 421436 Actual Conductivity (µS)	SN#: 421436 Specific Conductivity (µS)	SN#: 421436 Salinity (PSU)	SN#: 421436 Total Dissolved Solids (ppm)	SN#: 421436 Resistivity (ohm-cm)	SN#: 421436 Water Density (g/cm3)
4/14/2016 12:00:00 AM	124200.000	23.104	14.074	52.044	40503.332	51185.379	33.557	34806.063	24.689	1.025
4/14/2016 12:15:00 AM	125100.000	23.102	14.084	52.039	40523.930	51198.438	33.567	34814.938	24.677	1.025
4/14/2016 12:30:00 AM	126000.000	23.105	14.075	52.047	40517.898	51201.816	33.569	34817.238	24.680	1.025
4/14/2016 12:45:00 AM	126900.000	23.105	14.072	52.047	40518.320	51205.973	33.572	34820.066	24.680	1.025
4/14/2016 1:00:00 AM	127800.000	23.107	14.082	52.051	40542.852	51224.879	33.587	34832.922	24.665	1.025
4/14/2016 1:15:00 AM	128700.000	23.111	14.076	52.060	40512.895	51195.164	33.564	34812.715	24.683	1.025
4/14/2016 1:30:00 AM	129600.000	23.126	14.105	52.093	40550.734	51206.688	33.575	34820.551	24.660	1.025
4/14/2016 1:45:00 AM	130500.000	23.120	14.100	52.081	40545.137	51205.875	33.574	34819.996	24.664	1.025
4/14/2016 2:00:00 AM	131400.000	23.133	14.118	52.110	40573.270	51219.105	33.586	34828.996	24.647	1.025
4/14/2016 2:15:00 AM	132300.000	23.150	14.132	52.148	40572.410	51200.230	33.573	34816.160	24.647	1.025
4/14/2016 2:30:00 AM	133200.000	23.154	14.164	52.157	40638.020	51243.266	33.607	34845.426	24.607	1.025
4/14/2016 2:45:00 AM	134100.000	23.153	14.193	52.154						

40670.629 51248.816 33.614 34849.199 24.588
1.025
4/14/2016 3:00:00 AM 135000.000 23.162 14.231 52.176
40667.316 51198.633 33.581 34815.070 24.590
1.025
4/14/2016 3:15:00 AM 135900.000 23.173 14.261 52.201
40676.086 51172.695 33.564 34797.438 24.584
1.025
4/14/2016 3:30:00 AM 136800.000 23.187 14.310 52.230
40712.109 51157.176 33.557 34786.879 24.563
1.025
4/14/2016 3:45:00 AM 137700.000 23.195 14.346 52.248
40784.063 51203.590 33.594 34818.441 24.519
1.025
4/14/2016 4:00:00 AM 138600.000 23.204 14.368 52.270
40796.484 51192.371 33.588 34810.813 24.512
1.025
4/14/2016 4:15:00 AM 139500.000 23.219 14.401 52.304
40846.680 51214.473 33.607 34825.840 24.482
1.025
4/14/2016 4:30:00 AM 140400.000 23.229 14.432 52.326
40862.191 51196.043 33.596 34813.309 24.472
1.025
4/14/2016 4:45:00 AM 141300.000 23.237 14.471 52.344
40866.723 51153.465 33.568 34784.359 24.470
1.025
4/14/2016 5:00:00 AM 142200.000 23.252 14.488 52.378
40868.918 51135.387 33.557 34772.063 24.468
1.025
4/14/2016 5:15:00 AM 143100.000 23.269 14.508 52.416
40980.926 51251.832 33.644 34851.246 24.402
1.025
4/14/2016 5:30:00 AM 144000.000 23.277 14.534 52.435
40937.613 51165.461 33.583 34792.520 24.427
1.025
4/14/2016 5:45:00 AM 144900.000 23.288 14.537 52.459
40955.172 51184.477 33.597 34805.445 24.417
1.025
4/14/2016 6:00:00 AM 145800.000 23.296 14.553 52.477
40964.387 51175.938 33.592 34799.637 24.411
1.025
4/14/2016 6:15:00 AM 146700.000 23.306 14.555 52.500
40982.785 51196.426 33.607 34813.570 24.400
1.025
4/14/2016 6:30:00 AM 147600.000 23.321 14.581 52.533
40995.656 51181.203 33.598 34803.219 24.393
1.025
4/14/2016 6:45:00 AM 148500.000 23.318 14.599 52.527
41000.906 51165.563 33.588 34792.582 24.390
1.025
4/14/2016 7:00:00 AM 149400.000 23.332 14.612 52.557
41050.691 51211.781 33.623 34824.012 24.360
1.025
4/14/2016 7:15:00 AM 150300.000 23.334 14.617 52.562
41064.203 51222.055 33.631 34830.996 24.352
1.025

4/14/2016 7:30:00 AM	151200.000	23.342	14.620	52.579
41027.375	51172.855	33.595	34797.547	24.374
1.025				
4/14/2016 7:45:00 AM	152100.000	23.345	14.617	52.587
41075.305	51236.219	33.642	34840.629	24.346
1.025				
4/14/2016 8:00:00 AM	153000.000	23.343	14.620	52.581
41046.496	51196.059	33.612	34813.320	24.363
1.025				
4/14/2016 8:15:00 AM	153900.000	23.335	14.600	52.565
41018.152	51185.703	33.603	34806.277	24.379
1.025				
4/14/2016 8:30:00 AM	154800.000	23.349	14.584	52.595
41027.090	51215.781	33.624	34826.734	24.374
1.025				
4/14/2016 8:45:00 AM	155700.000	23.343	14.564	52.582
41023.691	51236.789	33.637	34841.020	24.376
1.025				
4/14/2016 9:00:00 AM	156600.000	23.332	14.540	52.558
40964.070	51191.578	33.602	34810.277	24.412
1.025				
4/14/2016 9:15:00 AM	157500.000	23.324	14.501	52.540
40945.816	51215.953	33.617	34826.852	24.423
1.025				
4/14/2016 9:30:00 AM	158400.000	23.317	14.464	52.523
40884.328	51184.082	33.590	34805.176	24.459
1.025				
4/14/2016 9:45:00 AM	159300.000	23.316	14.395	52.522
40824.586	51194.289	33.592	34812.117	24.495
1.025				
4/14/2016 10:00:00 AM	160200.000	23.309	14.330	52.506
40789.934	51231.160	33.613	34837.188	24.516
1.025				
4/14/2016 10:15:00 AM	161100.000	23.300	14.245	52.485
40689.410	51208.164	33.589	34821.551	24.576
1.025				
4/14/2016 10:30:00 AM	162000.000	23.284	14.175	52.450
40637.852	51230.523	33.599	34836.758	24.608
1.025				
4/14/2016 10:45:00 AM	162900.000	23.270	14.111	52.419
40602.348	51264.715	33.618	34860.008	24.629
1.025				
4/14/2016 11:00:00 AM	163800.000	23.259	14.060	52.393
40536.355	51244.395	33.599	34846.188	24.669
1.025				
4/14/2016 11:15:00 AM	164700.000	23.252	14.006	52.377
40480.516	51240.754	33.591	34843.715	24.703
1.025				
4/14/2016 11:30:00 AM	165600.000	23.234	13.973	52.338
40439.719	51229.699	33.580	34836.195	24.728
1.025				
4/14/2016 11:45:00 AM	166500.000	23.225	13.950	52.317
40439.844	51258.453	33.599	34855.750	24.728
1.025				
4/14/2016 12:00:00 PM	167400.000	23.218	13.922	52.301
40442.148	51295.348	33.624	34880.836	24.727

1.025
4/14/2016 12:15:00 PM 168300.000 23.192 13.910 52.241
40384.945 51238.582 33.581 34842.234 24.762
1.025
4/14/2016 12:30:00 PM 169200.000 23.192 13.890 52.242
40398.250 51280.379 33.610 34870.660 24.754
1.025
4/14/2016 12:45:00 PM 170100.000 23.179 13.882 52.212
40375.227 51260.664 33.595 34857.250 24.768
1.025
4/14/2016 1:00:00 PM 171000.000 23.169 13.858 52.190
40327.914 51230.727 33.571 34836.895 24.797
1.025
4/14/2016 1:15:00 PM 171900.000 23.157 13.859 52.163
40325.215 51225.625 33.567 34833.426 24.798
1.025
4/14/2016 1:30:00 PM 172800.000 23.151 13.843 52.149
40260.742 51163.535 33.520 34791.207 24.838
1.025
4/14/2016 1:45:00 PM 173700.000 23.143 13.852 52.131
40324.410 51233.031 33.572 34838.461 24.799
1.025
4/14/2016 2:00:00 PM 174600.000 23.134 13.832 52.112
40311.238 51241.773 33.576 34844.406 24.807
1.025
4/14/2016 2:15:00 PM 175500.000 23.131 13.837 52.106
40317.270 51243.129 33.578 34845.328 24.803
1.025
4/14/2016 2:30:00 PM 176400.000 23.122 13.826 52.084
40299.664 51233.945 33.570 34839.086 24.814
1.025
4/14/2016 2:45:00 PM 177300.000 23.113 13.837 52.064
40276.723 51191.480 33.540 34810.207 24.828
1.025
4/14/2016 3:00:00 PM 178200.000 23.115 13.832 52.069
40294.852 51220.500 33.561 34829.945 24.817
1.025
4/14/2016 3:15:00 PM 179100.000 23.110 13.835 52.058
40321.340 51250.297 33.583 34850.203 24.801
1.025
4/14/2016 3:30:00 PM 180000.000 23.105 13.853 52.046
40338.242 51250.270 33.585 34850.184 24.790
1.025
4/14/2016 3:45:00 PM 180900.000 23.116 13.853 52.072
40330.836 51239.863 33.577 34843.105 24.795
1.025
4/14/2016 4:00:00 PM 181800.000 23.114 13.852 52.066
40273.270 51168.496 33.525 34794.578 24.830
1.025
4/14/2016 4:15:00 PM 182700.000 23.111 13.864 52.060
40288.176 51172.391 33.529 34797.230 24.821
1.025
4/14/2016 4:30:00 PM 183600.000 23.111 13.884 52.060
40357.836 51235.941 33.577 34840.441 24.778
1.025
4/14/2016 4:45:00 PM 184500.000 23.104 13.883 52.043

40366.316 51248.488 33.586 34848.977 24.773
1.025
4/14/2016 5:00:00 PM 185400.000 23.109 13.900 52.056
40336.133 51188.168 33.543 34807.953 24.792
1.025
4/14/2016 5:15:00 PM 186300.000 23.119 13.925 52.078
40372.613 51203.930 33.557 34818.672 24.769
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1.025
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40330.730 51182.617 33.539 34804.180 24.795
1.025

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4/16/2016 7:30:00 AM 324000.000 23.249 14.026 52.371
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4/16/2016 9:30:00 AM 331200.000 23.274 14.046 52.428
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4/16/2016 10:00:00 AM 333000.000 23.272 14.005 52.422
40481.453 51243.047 33.593 34845.277 24.703
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4/16/2016 10:15:00 AM 333900.000 23.262 13.982 52.400
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1.025
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40221.848 51221.395 33.555 34830.547 24.862
1.025

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4/16/2016 4:15:00 PM	355500.000	23.024	13.765	51.864
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40267.664	51243.055	33.573	34845.281	24.834
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40266.027	51230.543	33.565	34836.773	24.835
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4/16/2016 6:00:00 PM	361800.000	23.009	13.822	51.831
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4/17/2016 1:45:00 AM	389700.000	23.165	14.073	52.182
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4/17/2016 2:45:00 AM	393300.000	23.135	13.923	52.113
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4/17/2016 4:00:00 AM	397800.000	23.104	13.876	52.043
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4/17/2016 4:15:00 AM	398700.000	23.099	13.866	52.034
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40375.879	51265.602	33.598	34860.609	24.767
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4/17/2016 5:15:00 AM	402300.000	23.095	13.883	52.023
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1.025				

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4/17/2016 5:45:00 AM	404100.000	23.095	13.915	52.024
40407.902	51260.742	33.598	34857.309	24.748
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4/17/2016 6:00:00 AM	405000.000	23.098	13.943	52.031
40437.258	51263.914	33.603	34859.461	24.730
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4/17/2016 6:15:00 AM	405900.000	23.103	13.947	52.041
40454.063	51279.363	33.614	34869.973	24.719
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40442.379	51243.766	33.590	34845.766	24.727
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4/17/2016 6:45:00 AM	407700.000	23.120	13.982	52.079
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4/17/2016 7:15:00 AM	409500.000	23.141	14.034	52.128
40486.871	51213.195	33.574	34824.973	24.699
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4/17/2016 7:30:00 AM	410400.000	23.151	14.049	52.149
40555.176	51281.398	33.625	34871.352	24.658
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4/17/2016 7:45:00 AM	411300.000	23.161	14.078	52.173
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4/17/2016 8:00:00 AM	412200.000	23.165	14.096	52.181
40579.238	51253.566	33.609	34852.430	24.643
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4/17/2016 8:15:00 AM	413100.000	23.177	14.128	52.208
40591.887	51230.516	33.595	34836.750	24.635
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4/17/2016 8:30:00 AM	414000.000	23.188	14.139	52.233
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4/17/2016 8:45:00 AM	414900.000	23.193	14.167	52.244
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1.025
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40322.781 51287.637 33.608 34875.594 24.800
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1.025
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1.025
4/17/2016 7:00:00 PM 451800.000 23.031 13.900 51.880
40369.379 51230.898 33.575 34837.012 24.771
1.025
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40380.492 51209.285 33.561 34822.316 24.764
1.025

4/17/2016 7:30:00 PM	453600.000	23.054	13.960	51.930
40404.816	51200.930	33.558	34816.637	24.750
1.025				
4/17/2016 7:45:00 PM	454500.000	23.057	13.988	51.938
40474.895	51255.922	33.601	34854.031	24.707
1.025				
4/17/2016 8:00:00 PM	455400.000	23.076	14.011	51.981
40473.629	51225.207	33.581	34833.141	24.707
1.025				
4/17/2016 8:15:00 PM	456300.000	23.083	14.044	51.997
40459.910	51166.660	33.541	34793.332	24.716
1.025				
4/17/2016 8:30:00 PM	457200.000	23.100	14.088	52.034
40526.391	51196.813	33.567	34813.836	24.675
1.025				
4/17/2016 8:45:00 PM	458100.000	23.108	14.112	52.053
40580.258	51235.730	33.597	34840.297	24.643
1.025				
4/17/2016 9:00:00 PM	459000.000	23.117	14.136	52.073
40580.691	51205.844	33.578	34819.973	24.642
1.025				
4/17/2016 9:15:00 PM	459900.000	23.132	14.177	52.107
40647.250	51238.973	33.605	34842.504	24.602
1.025				
4/17/2016 9:30:00 PM	460800.000	23.142	14.217	52.129
40657.746	51203.098	33.583	34818.109	24.596
1.025				
4/17/2016 9:45:00 PM	461700.000	23.149	14.251	52.145
40700.340	51215.469	33.595	34826.523	24.570
1.025				
4/17/2016 10:00:00 PM	462600.000	23.167	14.272	52.186
40695.668	51182.797	33.573	34804.301	24.573
1.025				
4/17/2016 10:15:00 PM	463500.000	23.175	14.313	52.204
40781.199	51240.934	33.619	34843.836	24.521
1.025				
4/17/2016 10:30:00 PM	464400.000	23.187	14.343	52.230
40802.297	51229.535	33.613	34836.086	24.508
1.025				
4/17/2016 10:45:00 PM	465300.000	23.195	14.359	52.248
40772.648	51173.238	33.573	34797.801	24.526
1.025				
4/17/2016 11:00:00 PM	466200.000	23.201	14.375	52.263
40807.699	51197.176	33.592	34814.078	24.505
1.025				
4/17/2016 11:15:00 PM	467100.000	23.209	14.409	52.279
40847.500	51205.703	33.601	34819.883	24.481
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4/17/2016 11:30:00 PM	468000.000	23.214	14.410	52.293
40876.859	51241.422	33.628	34844.168	24.464
1.025				
4/17/2016 11:45:00 PM	468900.000	23.211	14.419	52.284
40861.156	51210.082	33.605	34822.855	24.473
1.025				
4/18/2016 12:00:00 AM	469800.000	23.219	14.449	52.303
40845.836	51155.004	33.568	34785.402	24.482

1.025
4/18/2016 12:15:00 AM 470700.000 23.224 14.415 52.315
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1.025
4/18/2016 12:30:00 AM 471600.000 23.224 14.417 52.315
40827.375 51170.789 33.576 34796.141 24.493
1.025
4/18/2016 12:45:00 AM 472500.000 23.221 14.408 52.307
40802.988 51151.855 33.562 34783.266 24.508
1.025
4/18/2016 1:00:00 AM 473400.000 23.225 14.412 52.316
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1.025
4/18/2016 1:15:00 AM 474300.000 23.217 14.364 52.299
40805.164 51208.383 33.599 34821.699 24.507
1.025
4/18/2016 1:30:00 AM 475200.000 23.219 14.329 52.304
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1.025
4/18/2016 1:45:00 AM 476100.000 23.210 14.292 52.283
40708.797 51175.172 33.569 34799.117 24.565
1.025
4/18/2016 2:00:00 AM 477000.000 23.204 14.229 52.269
40670.813 51204.668 33.585 34819.176 24.588
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4/18/2016 2:15:00 AM 477900.000 23.202 14.146 52.266
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4/18/2016 2:30:00 AM 478800.000 23.191 14.113 52.240
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4/18/2016 2:45:00 AM 479700.000 23.185 14.048 52.226
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1.025
4/18/2016 3:00:00 AM 480600.000 23.178 14.004 52.210
40472.348 51232.746 33.585 34838.273 24.708
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4/18/2016 3:15:00 AM 481500.000 23.172 13.965 52.198
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40394.203 51223.469 33.572 34831.961 24.756
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4/18/2016 3:45:00 AM 483300.000 23.152 13.915 52.153
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1.025
4/18/2016 4:15:00 AM 485100.000 23.143 13.897 52.132
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1.025
4/18/2016 4:30:00 AM 486000.000 23.131 13.882 52.106
40367.875 51251.902 33.588 34851.297 24.772
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4/18/2016 4:45:00 AM 486900.000 23.124 13.881 52.090

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4/18/2016 5:00:00 AM	487800.000	23.122	13.872	52.084
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4/18/2016 5:15:00 AM	488700.000	23.117	13.896	52.074
40387.980	51259.266	33.595	34856.305	24.760
1.025				
4/18/2016 5:30:00 AM	489600.000	23.119	13.891	52.078
40367.406	51239.234	33.580	34842.684	24.772
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4/18/2016 5:45:00 AM	490500.000	23.114	13.896	52.066
40377.688	51246.637	33.586	34847.719	24.766
1.025				
4/18/2016 6:00:00 AM	491400.000	23.115	13.914	52.069
40370.844	51215.824	33.565	34826.762	24.770
1.025				
4/18/2016 6:15:00 AM	492300.000	23.112	13.903	52.062
40384.672	51246.879	33.587	34847.883	24.762
1.025				
4/18/2016 6:30:00 AM	493200.000	23.119	13.933	52.078
40427.262	51263.840	33.602	34859.414	24.736
1.025				
4/18/2016 6:45:00 AM	494100.000	23.114	13.941	52.066
40401.473	51220.875	33.571	34830.195	24.752
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4/18/2016 7:00:00 AM	495000.000	23.118	13.959	52.075
40432.195	51237.281	33.585	34841.355	24.733
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4/18/2016 7:15:00 AM	495900.000	23.130	13.971	52.103
40450.953	51245.699	33.592	34847.078	24.721
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4/18/2016 7:30:00 AM	496800.000	23.132	14.003	52.108
40495.641	51263.098	33.608	34858.910	24.694
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4/18/2016 7:45:00 AM	497700.000	23.144	14.014	52.134
40470.117	51216.578	33.575	34827.273	24.710
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4/18/2016 8:00:00 AM	498600.000	23.156	14.051	52.162
40529.207	51246.262	33.600	34847.457	24.674
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4/18/2016 8:15:00 AM	499500.000	23.167	14.079	52.186
40538.043	51222.434	33.585	34831.258	24.668
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4/18/2016 8:30:00 AM	500400.000	23.176	14.103	52.206
40578.078	51243.629	33.602	34845.668	24.644
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4/18/2016 8:45:00 AM	501300.000	23.181	14.130	52.218
40587.898	51223.059	33.590	34831.680	24.638
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4/18/2016 9:00:00 AM	502200.000	23.202	14.157	52.266
40627.879	51240.117	33.604	34843.285	24.614
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4/18/2016 9:15:00 AM	503100.000	23.208	14.178	52.278
40566.516	51136.000	33.530	34772.484	24.651
1.025				

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4/18/2016 9:45:00 AM	504900.000	23.228	14.239	52.322
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4/18/2016 10:00:00 AM	505800.000	23.238	14.246	52.345
40710.547	51233.668	33.608	34838.898	24.564
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4/18/2016 10:15:00 AM	506700.000	23.244	14.282	52.360
40738.902	51225.914	33.605	34833.621	24.547
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4/18/2016 10:30:00 AM	507600.000	23.251	14.284	52.375
40731.504	51213.551	33.596	34825.219	24.551
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4/18/2016 10:45:00 AM	508500.000	23.253	14.321	52.379
40751.699	51193.602	33.585	34811.648	24.539
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4/18/2016 11:00:00 AM	509400.000	23.259	14.354	52.392
40773.918	51180.938	33.578	34803.039	24.525
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4/18/2016 11:15:00 AM	510300.000	23.264	14.351	52.405
40744.043	51146.590	33.553	34779.684	24.543
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40794.508	51206.887	33.597	34820.688	24.513
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4/18/2016 11:45:00 AM	512100.000	23.265	14.349	52.406
40752.305	51159.695	33.562	34788.598	24.538
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4/18/2016 12:00:00 PM	513000.000	23.263	14.327	52.401
40793.973	51238.961	33.619	34842.496	24.513
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4/18/2016 12:15:00 PM	513900.000	23.264	14.321	52.405
40778.820	51228.215	33.610	34835.191	24.523
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4/18/2016 12:30:00 PM	514800.000	23.255	14.272	52.383
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4/18/2016 1:00:00 PM	516600.000	23.241	14.193	52.353
40638.383	51209.059	33.585	34822.164	24.607
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4/18/2016 1:15:00 PM	517500.000	23.245	14.131	52.361
40619.863	51261.758	33.618	34857.996	24.618
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40507.055	51194.816	33.564	34812.477	24.687
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40498.449	51247.801	33.598	34848.508	24.692
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4/18/2016 2:00:00 PM	520200.000	23.214	13.978	52.293
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4/18/2016 3:45:00 PM 526500.000 23.143 13.838 52.131
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40344.703 51284.531 33.608 34873.480 24.786
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40302.152 51243.867 33.577 34845.828 24.813
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40298.324 51241.781 33.575 34844.410 24.815
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4/18/2016 6:45:00 PM 537300.000 23.092 13.871 52.016

40345.402 51236.762 33.576 34841.004 24.786
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40331.137 51206.707 33.555 34820.563 24.795
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4/18/2016 7:15:00 PM 539100.000 23.110 13.896 52.058
40414.063 51291.910 33.619 34878.500 24.744
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4/18/2016 7:45:00 PM 540900.000 23.126 13.953 52.093
40414.992 51222.762 33.574 34831.477 24.743
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4/18/2016 8:30:00 PM 543600.000 23.172 14.044 52.197
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40570.504 51209.340 33.579 34822.352 24.648
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4/18/2016 11:00:00 PM 552600.000 23.299 14.399 52.483
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4/18/2016 11:15:00 PM 553500.000 23.303 14.401 52.492
40823.012 51185.012 33.585 34805.809 24.496
1.025

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40824.645	51136.398	33.553	34772.750	24.495
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40896.586	51197.371	33.600	34814.211	24.452
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4/19/2016 12:15:00 AM	557100.000	23.325	14.451	52.543
40854.535	51163.406	33.574	34791.117	24.477
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40866.734	51191.070	33.593	34809.934	24.470
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40869.398	51168.105	33.578	34794.316	24.468
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40863.227	51185.270	33.589	34805.984	24.472
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40819.523	51167.043	33.573	34793.590	24.498
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40809.215	51214.441	33.604	34825.820	24.504
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4/19/2016 2:15:00 AM	564300.000	23.309	14.238	52.506
40678.781	51203.543	33.585	34818.414	24.583
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4/19/2016 2:30:00 AM	565200.000	23.304	14.159	52.494
40604.293	51207.418	33.581	34821.047	24.628
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40530.141	51213.430	33.578	34825.133	24.673
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4/19/2016 3:00:00 AM	567000.000	23.286	14.033	52.453
40496.543	51227.203	33.584	34834.504	24.693
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4/19/2016 3:15:00 AM	567900.000	23.270	13.963	52.417
40435.617	51236.875	33.585	34841.074	24.731
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4/19/2016 3:30:00 AM	568800.000	23.258	13.937	52.392
40402.211	51226.109	33.575	34833.754	24.751
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4/19/2016 3:45:00 AM	569700.000	23.252	13.921	52.378
40391.422	51233.309	33.578	34838.648	24.758
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4/19/2016 4:00:00 AM	570600.000	23.241	13.897	52.352
40381.605	51250.066	33.588	34850.047	24.764

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4/19/2016 4:15:00 AM 571500.000 23.232 13.871 52.332
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4/19/2016 4:30:00 AM 572400.000 23.229 13.861 52.326
40307.602 51200.258 33.549 34816.176 24.809
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4/19/2016 4:45:00 AM 573300.000 23.215 13.851 52.295
40318.363 51226.684 33.567 34834.145 24.803
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4/19/2016 5:00:00 AM 574200.000 23.205 13.842 52.271
40311.465 51229.758 33.569 34836.234 24.807
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4/19/2016 5:15:00 AM 575100.000 23.198 13.840 52.257
40321.855 51245.074 33.580 34846.652 24.800
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4/19/2016 5:30:00 AM 576000.000 23.197 13.830 52.253
40319.012 51253.434 33.585 34852.336 24.802
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4/19/2016 5:45:00 AM 576900.000 23.186 13.832 52.228
40305.695 51234.398 33.571 34839.395 24.810
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4/19/2016 6:00:00 AM 577800.000 23.181 13.842 52.218
40342.051 51268.629 33.597 34862.672 24.788
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4/19/2016 6:15:00 AM 578700.000 23.177 13.837 52.207
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4/19/2016 6:30:00 AM 579600.000 23.171 13.844 52.194
40329.484 51250.109 33.584 34850.074 24.796
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4/19/2016 6:45:00 AM 580500.000 23.173 13.842 52.200
40336.430 51260.492 33.591 34857.141 24.791
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4/19/2016 7:00:00 AM 581400.000 23.169 13.871 52.190
40365.613 51261.766 33.595 34858.000 24.774
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4/19/2016 7:15:00 AM 582300.000 23.172 13.871 52.198
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4/19/2016 7:30:00 AM 583200.000 23.168 13.880 52.189
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1.025
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4/19/2016 8:15:00 AM 585900.000 23.189 13.913 52.235
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1.025
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1.025

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4/19/2016 2:45:00 PM	609300.000	23.234	13.875	52.336
40344.461	51230.809	33.572	34836.953	24.787
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4/19/2016 3:00:00 PM	610200.000	23.220	13.845	52.306
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4/19/2016 3:15:00 PM	611100.000	23.205	13.849	52.271
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40304.637	51224.512	33.564	34832.668	24.811
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40314.645	51239.793	33.575	34843.059	24.805
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4/19/2016 4:00:00 PM	613800.000	23.178	13.822	52.211
40274.684	51207.504	33.550	34821.102	24.829
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40284.957	51226.879	33.564	34834.277	24.823
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4/19/2016 4:30:00 PM	615600.000	23.162	13.818	52.174
40289.117	51231.277	33.567	34837.273	24.821
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40283.090	51218.195	33.558	34828.375	24.824
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40276.586	51210.027	33.552	34822.824	24.828
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40287.652	51219.992	33.560	34829.594	24.822
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1.025
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1.025
4/20/2016 2:45:00 AM 652500.000 23.276 13.998 52.431
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1.025
4/20/2016 3:00:00 AM 653400.000 23.270 13.937 52.419
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1.025
4/20/2016 3:15:00 AM 654300.000 23.257 13.903 52.389
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1.025

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40256.043	51200.871	33.544	34816.598	24.841
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40256.211	51197.766	33.542	34814.484	24.841
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4/20/2016 6:00:00 AM	664200.000	23.143	13.803	52.131
40275.234	51232.152	33.567	34837.863	24.829
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40262.246	51201.113	33.545	34816.762	24.837
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40225.547	51167.621	33.520	34793.988	24.860
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40285.074	51248.457	33.578	34848.949	24.823
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40292.926	51248.219	33.579	34848.789	24.818
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40237.297	51159.402	33.515	34788.395	24.853
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40275.539	51208.918	33.551	34822.066	24.829
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1.025
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1.025
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40282.059 51209.230 33.552 34822.281 24.825
1.025
4/20/2016 5:15:00 PM 704700.000 23.100 13.827 52.035
40274.355 51201.105 33.546 34816.758 24.830
1.025

4/20/2016 5:30:00 PM	705600.000	23.090	13.836	52.012
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4/20/2016 5:45:00 PM	706500.000	23.086	13.824	52.004
40260.977	51187.965	33.536	34807.820	24.838
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4/20/2016 6:00:00 PM	707400.000	23.077	13.841	51.982
40260.449	51165.367	33.521	34792.449	24.838
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4/20/2016 6:15:00 PM	708300.000	23.081	13.825	51.993
40283.965	51215.305	33.556	34826.410	24.824
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4/20/2016 6:30:00 PM	709200.000	23.079	13.827	51.988
40272.105	51198.574	33.544	34815.031	24.831
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40265.777	51174.137	33.528	34798.418	24.835
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4/20/2016 7:00:00 PM	711000.000	23.077	13.838	51.984
40262.258	51171.438	33.526	34796.582	24.837
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4/20/2016 7:15:00 PM	711900.000	23.075	13.840	51.978
40285.277	51199.137	33.546	34815.414	24.823
1.025				
4/20/2016 7:30:00 PM	712800.000	23.075	13.870	51.978
40299.598	51179.254	33.534	34801.895	24.814
1.025				
4/20/2016 7:45:00 PM	713700.000	23.084	13.876	51.999
40312.609	51188.691	33.542	34808.313	24.806
1.025				
4/20/2016 8:00:00 PM	714600.000	23.089	13.875	52.010
40287.297	51157.656	33.519	34787.207	24.822
1.025				
4/20/2016 8:15:00 PM	715500.000	23.089	13.895	52.011
40371.617	51239.379	33.580	34842.777	24.770
1.025				
4/20/2016 8:30:00 PM	716400.000	23.097	13.920	52.029
40330.836	51156.578	33.522	34786.477	24.795
1.025				
4/20/2016 8:45:00 PM	717300.000	23.110	13.940	52.058
40385.637	51201.898	33.557	34817.297	24.761
1.025				
4/20/2016 9:00:00 PM	718200.000	23.116	13.970	52.072
40393.629	51174.398	33.540	34798.590	24.756
1.025				
4/20/2016 9:15:00 PM	719100.000	23.126	13.987	52.094
40386.016	51144.598	33.519	34778.328	24.761
1.025				
4/20/2016 9:30:00 PM	720000.000	23.136	14.023	52.115
40440.590	51169.176	33.541	34795.039	24.728
1.025				
4/20/2016 9:45:00 PM	720900.000	23.144	14.035	52.135
40431.938	51142.500	33.522	34776.902	24.733
1.025				
4/20/2016 10:00:00 PM	721800.000	23.154	14.077	52.156
40479.648	51151.492	33.533	34783.016	24.704

1.025
4/20/2016 10:15:00 PM 722700.000 23.169 14.091 52.190
40463.883 51114.234 33.506 34757.684 24.713
1.025
4/20/2016 10:30:00 PM 723600.000 23.182 14.123 52.220
40526.844 51153.797 33.538 34784.586 24.675
1.025
4/20/2016 10:45:00 PM 724500.000 23.189 14.149 52.236
40554.660 51156.879 33.543 34786.684 24.658
1.025
4/20/2016 11:00:00 PM 725400.000 23.199 14.168 52.258
40543.859 51120.477 33.518 34761.930 24.665
1.025
4/20/2016 11:15:00 PM 726300.000 23.206 14.189 52.274
40575.527 51133.891 33.530 34771.051 24.645
1.025
4/20/2016 11:30:00 PM 727200.000 23.212 14.191 52.288
40581.281 51138.637 33.533 34774.277 24.642
1.025
4/20/2016 11:45:00 PM 728100.000 23.221 14.224 52.309
40596.922 51118.410 33.521 34760.520 24.632
1.025

Report Date: 4/22/2016 8:22:50 AM
Report User Name: KMakar
Report Computer Name: WKST46
Application: WinSitu.exe
Application Version: 5.6.25.0

Log File Properties:
File Name: MPWSP MW-3D LT Test_2016-04-21_11-19-59-391-BaroMerge.wsl
Create Date: 4/22/2016 8:12:46 AM

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

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

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

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

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

TDS Factor: 0.68

Log Notes:

Date and Time	Note
3/9/2016 6:36:41 PM	Used Battery: 0% Used Memory: 3% User Name: KMakar
3/9/2016 6:37:49 PM	Sensor SN: 446752 Cache Timeout: 1000 User Name: KMakar
3/9/2016 6:37:54 PM	Device Taken Offline
3/9/2016 6:39:03 PM	Device Put Online
3/9/2016 6:39:04 PM	Sensor SN: 446752 Cache Timeout: 1750 User Name: KMakar
3/17/2016 5:02:59 PM	Log Download - Used Battery: 0% Used Memory: 3% User Name: SKuiper Interval - Start Time: 3/10/2016 9:00:00 AM Stop Time: 3/17/2016 5:00:00 PM
3/24/2016 1:04:11 PM	Log Download - Used Battery: 1% Used Memory: 4% User Name: KMakar Interval - Start Time: 3/15/2016 12:00:00 PM Stop Time: 3/24/2016 1:15:00 PM
3/31/2016 8:47:15 AM	Log Download - Used Battery: 1% Used Memory: 4% User Name: SKuiper Interval - Start Time: 3/22/2016 12:00:00 PM Stop Time: 3/31/2016 9:30:00 AM
4/7/2016 1:07:21 PM	Log Download - Used Battery: 1% Used Memory: 6% User Name: KMakar Interval - Start Time: 2/29/2016 5:00:00 PM Stop Time: 4/7/2016 1:15:00 PM
4/14/2016 12:53:34 PM	Log Download - Used Battery: 2% Used Memory: 6% User Name: SKuiper Interval - Start Time: 4/5/2016 12:00:00 PM Stop Time: 4/14/2016 1:45:00 PM
4/21/2016 11:16:11 AM	Log Download - Used Battery: 2% Used Memory: 7% User Name: ELinden Interval - Start Time: 4/12/2016 1:30:00 PM Stop Time: 4/21/2016 12:15:00 PM
4/22/2016 8:12:46 AM	User Note: "Pressure & Level adjusted by baro data from: "MPWSP BaroTroll Pre Test_Append_2016-04-21_18-56-38-301.wsl""

Log Data:
Record Count: 856
Sensors: 2
1 - 446752: PCTD 100 PSIA (60.1m/197.3ft)
2 - 0: Baro-Adjustment Calc
Time Zone: Pacific Daylight Time

	Sensor: PCTD(A) 197.3ft SN#: 446752	Sensor: PCTD(A) 197.3ft SN#: 446752	Sensor: PCTD(A) 197.3ft SN#: 446752	Sensor: PCTD(A) 197.3ft SN#: 446752	Sensor: PCTD(A) 197.3ft SN#: 446752	Sensor: PCTD(A) 197.3ft SN#: 446752	Sensor: PCTD(A) 197.3ft SN#: 446752	Sensor: PCTD(A) 197.3ft SN#: 446752	Sensor: Baro-Adj Calc SN#: 000000
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)	Resistivity (ohm-cm)	Water Density (g/cm3)	Barometric Pressure (PSI)
4/14/2016 12:00:00 AM	124200.000	124.228	19.708	279.836	41645.098	46327.988	30.366	31.503	24.012	1.021	14.791
4/14/2016 12:15:00 AM	125100.000	124.221	19.701	279.820	41629.246	46317.219	30.358	31.496	24.022		

1.021 14.795
4/14/2016 12:30:00 AM 126000.000 124.228 19.710 279.836
41605.293 46281.910 30.332 31.472 24.035
1.021 14.793
4/14/2016 12:45:00 AM 126900.000 124.248 19.713 279.880
41595.898 46268.211 30.322 31.462 24.041
1.021 14.791
4/14/2016 1:00:00 AM 127800.000 124.253 19.701 279.893
41597.762 46282.188 30.332 31.472 24.040
1.021 14.794
4/14/2016 1:15:00 AM 128700.000 124.271 19.701 279.932
41580.617 46263.281 30.318 31.459 24.050
1.021 14.803
4/14/2016 1:30:00 AM 129600.000 124.286 19.701 279.966
41594.551 46278.781 30.330 31.470 24.042
1.021 14.799
4/14/2016 1:45:00 AM 130500.000 124.306 19.698 280.012
41578.191 46263.328 30.318 31.459 24.051
1.021 14.796
4/14/2016 2:00:00 AM 131400.000 124.357 19.696 280.125
41585.078 46273.043 30.325 31.466 24.047
1.021 14.802
4/14/2016 2:15:00 AM 132300.000 124.346 19.693 280.102
41568.891 46257.520 30.314 31.455 24.056
1.021 14.792
4/14/2016 2:30:00 AM 133200.000 124.379 19.691 280.177
41564.363 46255.047 30.312 31.453 24.059
1.021 14.790
4/14/2016 2:45:00 AM 134100.000 124.419 19.693 280.265
41599.191 46291.750 30.339 31.478 24.039
1.021 14.787
4/14/2016 3:00:00 AM 135000.000 124.408 19.697 280.242
41610.949 46300.375 30.345 31.484 24.032
1.021 14.786
4/14/2016 3:15:00 AM 135900.000 124.458 19.708 280.353
41586.945 46263.043 30.318 31.459 24.046
1.021 14.785
4/14/2016 3:30:00 AM 136800.000 124.443 19.702 280.321
41604.070 46287.578 30.336 31.476 24.036
1.021 14.781
4/14/2016 3:45:00 AM 137700.000 124.461 19.703 280.361
41621.781 46306.594 30.350 31.488 24.026
1.021 14.782
4/14/2016 4:00:00 AM 138600.000 124.482 19.709 280.409
41612.027 46290.434 30.338 31.477 24.032
1.021 14.777
4/14/2016 4:15:00 AM 139500.000 124.506 19.694 280.462
41619.988 46313.773 30.355 31.493 24.027
1.021 14.774
4/14/2016 4:30:00 AM 140400.000 124.516 19.693 280.484
41587.066 46277.566 30.328 31.469 24.046
1.021 14.772
4/14/2016 4:45:00 AM 141300.000 124.521 19.687 280.495
41590.086 46287.523 30.335 31.476 24.044
1.021 14.767

4/14/2016 5:00:00 AM 142200.000 124.522 19.698 280.498
41620.992 46310.852 30.353 31.491 24.026
1.021 14.766
4/14/2016 5:15:00 AM 143100.000 124.531 19.696 280.518
41590.297 46279.023 30.330 31.470 24.044
1.021 14.765
4/14/2016 5:30:00 AM 144000.000 124.523 19.696 280.501
41573.031 46259.301 30.315 31.456 24.054
1.021 14.773
4/14/2016 5:45:00 AM 144900.000 124.524 19.693 280.502
41579.402 46269.727 30.323 31.463 24.050
1.021 14.764
4/14/2016 6:00:00 AM 145800.000 124.521 19.693 280.495
41585.148 46275.695 30.327 31.467 24.047
1.021 14.769
4/14/2016 6:15:00 AM 146700.000 124.502 19.697 280.452
41568.238 46252.762 30.310 31.452 24.057
1.021 14.770
4/14/2016 6:30:00 AM 147600.000 124.486 19.701 280.416
41603.285 46287.727 30.336 31.476 24.037
1.021 14.766
4/14/2016 6:45:00 AM 148500.000 124.453 19.697 280.343
41611.523 46301.270 30.346 31.485 24.032
1.021 14.784
4/14/2016 7:00:00 AM 149400.000 124.434 19.698 280.300
41597.332 46284.023 30.333 31.473 24.040
1.021 14.783
4/14/2016 7:15:00 AM 150300.000 124.419 19.706 280.265
41584.422 46261.945 30.318 31.458 24.047
1.021 14.780
4/14/2016 7:30:00 AM 151200.000 124.380 19.701 280.178
41590.652 46274.363 30.326 31.467 24.044
1.021 14.793
4/14/2016 7:45:00 AM 152100.000 124.355 19.698 280.122
41614.469 46303.434 30.347 31.486 24.030
1.021 14.788
4/14/2016 8:00:00 AM 153000.000 124.317 19.704 280.035
41603.070 46285.012 30.334 31.474 24.037
1.021 14.793
4/14/2016 8:15:00 AM 153900.000 124.289 19.701 279.973
41590.297 46274.051 30.326 31.466 24.044
1.021 14.803
4/14/2016 8:30:00 AM 154800.000 124.254 19.700 279.894
41585.211 46269.168 30.323 31.463 24.047
1.021 14.801
4/14/2016 8:45:00 AM 155700.000 124.215 19.691 279.807
41593.949 46287.199 30.335 31.475 24.042
1.021 14.807
4/14/2016 9:00:00 AM 156600.000 124.218 19.692 279.813
41553.719 46241.750 30.302 31.444 24.065
1.021 14.799
4/14/2016 9:15:00 AM 157500.000 124.150 19.697 279.659
41601.980 46290.566 30.338 31.478 24.037
1.021 14.802
4/14/2016 9:30:00 AM 158400.000 124.105 19.697 279.559

41602.996 46292.211 30.339 31.479 24.037
1.021 14.804
4/14/2016 9:45:00 AM 159300.000 124.071 19.700 279.481
41596.465 46281.945 30.332 31.472 24.041
1.021 14.804
4/14/2016 10:00:00 AM 160200.000 124.026 19.705 279.382
41603.207 46284.047 30.334 31.473 24.037
1.021 14.808
4/14/2016 10:15:00 AM 161100.000 124.008 19.701 279.340
41582.926 46265.684 30.320 31.461 24.048
1.021 14.803
4/14/2016 10:30:00 AM 162000.000 123.969 19.709 279.253
41584.148 46259.074 30.316 31.456 24.048
1.021 14.803
4/14/2016 10:45:00 AM 162900.000 123.935 19.703 279.176
41578.426 46258.359 30.315 31.456 24.051
1.021 14.809
4/14/2016 11:00:00 AM 163800.000 123.912 19.710 279.123
41624.438 46303.207 30.348 31.486 24.024
1.021 14.810
4/14/2016 11:15:00 AM 164700.000 123.920 19.710 279.141
41601.340 46277.176 30.329 31.468 24.038
1.021 14.810
4/14/2016 11:30:00 AM 165600.000 123.864 19.710 279.015
41582.207 46255.809 30.313 31.454 24.049
1.021 14.819
4/14/2016 11:45:00 AM 166500.000 123.849 19.709 278.983
41597.043 46272.988 30.326 31.466 24.040
1.021 14.811
4/14/2016 12:00:00 PM 167400.000 123.837 19.709 278.956
41558.734 46230.289 30.295 31.437 24.062
1.021 14.811
4/14/2016 12:15:00 PM 168300.000 123.828 19.710 278.934
41599.262 46274.781 30.327 31.467 24.039
1.021 14.807
4/14/2016 12:30:00 PM 169200.000 123.850 19.700 278.985
41599.410 46284.969 30.334 31.474 24.039
1.021 14.808
4/14/2016 12:45:00 PM 170100.000 123.823 19.698 278.924
41592.234 46278.613 30.329 31.469 24.043
1.021 14.804
4/14/2016 1:00:00 PM 171000.000 123.856 19.703 278.998
41612.742 46297.129 30.343 31.482 24.031
1.021 14.813
4/14/2016 1:15:00 PM 171900.000 123.824 19.708 278.926
41581.277 46257.074 30.314 31.455 24.049
1.021 14.806
4/14/2016 1:30:00 PM 172800.000 123.836 19.709 278.952
41582.996 46257.621 30.314 31.455 24.048
1.021 14.805
4/14/2016 1:45:00 PM 173700.000 123.884 19.708 279.061
41628.098 46308.387 30.352 31.490 24.022
1.021 14.799
4/14/2016 2:00:00 PM 174600.000 123.878 19.709 279.047
41621.422 46300.539 30.346 31.484 24.026

1.021 14.796
4/14/2016 2:15:00 PM 175500.000 123.895 19.707 279.086
41605.719 46284.613 30.334 31.474 24.035
1.021 14.792
4/14/2016 2:30:00 PM 176400.000 123.911 19.708 279.122
41551.953 46223.945 30.290 31.432 24.066
1.021 14.806
4/14/2016 2:45:00 PM 177300.000 123.952 19.709 279.213
41591.453 46267.031 30.321 31.462 24.043
1.021 14.794
4/14/2016 3:00:00 PM 178200.000 123.973 19.707 279.261
41591.160 46268.500 30.322 31.463 24.044
1.021 14.802
4/14/2016 3:15:00 PM 179100.000 124.036 19.710 279.404
41622.496 46300.965 30.346 31.485 24.025
1.021 14.794
4/14/2016 3:30:00 PM 180000.000 124.032 19.707 279.394
41584.500 46261.770 30.317 31.458 24.047
1.021 14.793
4/14/2016 3:45:00 PM 180900.000 124.066 19.707 279.471
41603.070 46281.582 30.332 31.471 24.037
1.021 14.793
4/14/2016 4:00:00 PM 181800.000 124.095 19.708 279.537
41604.426 46282.570 30.333 31.472 24.036
1.021 14.791
4/14/2016 4:15:00 PM 182700.000 124.131 19.706 279.618
41610.816 46291.820 30.339 31.478 24.032
1.021 14.789
4/14/2016 4:30:00 PM 183600.000 124.161 19.700 279.685
41601.844 46287.496 30.336 31.476 24.037
1.021 14.786
4/14/2016 4:45:00 PM 184500.000 124.195 19.700 279.762
41600.121 46285.914 30.335 31.474 24.038
1.021 14.783
4/14/2016 5:00:00 PM 185400.000 124.261 19.700 279.910
41604.926 46290.926 30.338 31.478 24.036
1.021 14.777
4/14/2016 5:15:00 PM 186300.000 124.256 19.708 279.898
41603.715 46281.527 30.332 31.471 24.036
1.021 14.781
4/14/2016 5:30:00 PM 187200.000 124.319 19.702 280.040
41590.090 46272.023 30.325 31.465 24.044
1.021 14.785
4/14/2016 5:45:00 PM 188100.000 124.306 19.698 280.012
41570.965 46255.109 30.312 31.453 24.055
1.021 14.785
4/14/2016 6:00:00 PM 189000.000 124.329 19.695 280.063
41584.000 46272.961 30.325 31.466 24.048
1.021 14.784
4/14/2016 6:15:00 PM 189900.000 124.381 19.703 280.181
41584.285 46264.621 30.319 31.460 24.048
1.021 14.786
4/14/2016 6:30:00 PM 190800.000 124.373 19.706 280.161
41619.410 46301.043 30.346 31.485 24.027
1.021 14.782

4/14/2016 6:45:00 PM 191700.000 124.381 19.704 280.180
41634.266 46319.281 30.359 31.497 24.019
1.021 14.787
4/14/2016 7:00:00 PM 192600.000 124.394 19.700 280.209
41592.090 46276.641 30.328 31.468 24.043
1.021 14.785
4/14/2016 7:15:00 PM 193500.000 124.399 19.702 280.220
41609.945 46294.629 30.341 31.480 24.033
1.021 14.783
4/14/2016 7:30:00 PM 194400.000 124.404 19.698 280.232
41594.883 46281.387 30.331 31.471 24.041
1.021 14.781
4/14/2016 7:45:00 PM 195300.000 124.437 19.691 280.307
41585.438 46277.980 30.329 31.469 24.047
1.021 14.785
4/14/2016 8:00:00 PM 196200.000 124.411 19.686 280.247
41584.629 46282.223 30.331 31.472 24.047
1.021 14.791
4/14/2016 8:15:00 PM 197100.000 124.412 19.694 280.249
41581.270 46270.082 30.323 31.464 24.049
1.021 14.792
4/14/2016 8:30:00 PM 198000.000 124.400 19.694 280.224
41575.109 46263.324 30.318 31.459 24.053
1.021 14.788
4/14/2016 8:45:00 PM 198900.000 124.392 19.695 280.205
41604.500 46295.172 30.341 31.481 24.036
1.021 14.788
4/14/2016 9:00:00 PM 199800.000 124.401 19.702 280.226
41597.539 46280.395 30.331 31.471 24.040
1.021 14.795
4/14/2016 9:15:00 PM 200700.000 124.399 19.705 280.221
41582.563 46261.250 30.317 31.458 24.049
1.021 14.794
4/14/2016 9:30:00 PM 201600.000 124.351 19.701 280.113
41607.289 46292.789 30.340 31.479 24.034
1.021 14.797
4/14/2016 9:45:00 PM 202500.000 124.325 19.708 280.055
41602.566 46280.852 30.331 31.471 24.037
1.021 14.804
4/14/2016 10:00:00 PM 203400.000 124.299 19.708 279.995
41605.926 46283.723 30.334 31.473 24.035
1.021 14.810
4/14/2016 10:15:00 PM 204300.000 124.292 19.702 279.979
41572.977 46252.984 30.311 31.452 24.054
1.021 14.804
4/14/2016 10:30:00 PM 205200.000 124.271 19.696 279.932
41576.758 46263.184 30.318 31.459 24.052
1.021 14.805
4/14/2016 10:45:00 PM 206100.000 124.258 19.704 279.903
41589.375 46270.195 30.323 31.464 24.045
1.021 14.799
4/14/2016 11:00:00 PM 207000.000 124.271 19.695 279.932
41578.617 46266.621 30.320 31.461 24.051
1.021 14.802
4/14/2016 11:15:00 PM 207900.000 124.225 19.707 279.829

41577.984 46254.020 30.312 31.453 24.051
1.021 14.802
4/14/2016 11:30:00 PM 208800.000 124.212 19.702 279.801
41583.922 46265.762 30.320 31.461 24.048
1.021 14.793
4/14/2016 11:45:00 PM 209700.000 124.195 19.704 279.760
41589.023 46269.047 30.323 31.463 24.045
1.021 14.797
4/15/2016 12:00:00 AM 210600.000 124.226 19.703 279.830
41578.773 46258.918 30.315 31.456 24.051
1.021 14.799
4/15/2016 12:15:00 AM 211500.000 124.215 19.703 279.805
41599.402 46282.207 30.332 31.472 24.039
1.021 14.795
4/15/2016 12:30:00 AM 212400.000 124.182 19.701 279.731
41604.926 46289.988 30.338 31.477 24.036
1.021 14.791
4/15/2016 12:45:00 AM 213300.000 124.166 19.698 279.696
41602.055 46289.441 30.337 31.477 24.037
1.021 14.799
4/15/2016 1:00:00 AM 214200.000 124.176 19.695 279.718
41592.602 46282.609 30.332 31.472 24.043
1.021 14.798
4/15/2016 1:15:00 AM 215100.000 124.167 19.698 279.697
41593.102 46279.480 30.330 31.470 24.042
1.021 14.804
4/15/2016 1:30:00 AM 216000.000 124.179 19.705 279.724
41626.293 46309.902 30.353 31.491 24.023
1.021 14.802
4/15/2016 1:45:00 AM 216900.000 124.217 19.700 279.810
41585.293 46269.078 30.322 31.463 24.047
1.021 14.799
4/15/2016 2:00:00 AM 217800.000 124.228 19.700 279.835
41574.047 46256.320 30.313 31.454 24.053
1.021 14.794
4/15/2016 2:15:00 AM 218700.000 124.214 19.696 279.803
41597.398 46286.055 30.335 31.475 24.040
1.021 14.792
4/15/2016 2:30:00 AM 219600.000 124.226 19.700 279.831
41562.852 46243.938 30.304 31.446 24.060
1.021 14.789
4/15/2016 2:45:00 AM 220500.000 124.252 19.697 279.889
41610.008 46299.328 30.344 31.484 24.033
1.021 14.786
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41596.746 46291.250 30.338 31.478 24.040
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4/15/2016 5:45:00 AM 231300.000 124.464 19.693 280.366
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41592.738	46284.141	30.333	31.473	24.043
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4/16/2016 4:45:00 PM	357300.000	123.992	19.696	279.303
41565.297	46250.336	30.309	31.450	24.059
1.021	14.759			
4/16/2016 5:00:00 PM	358200.000	124.024	19.694	279.376
41594.598	46285.094	30.334	31.474	24.042
1.021	14.757			
4/16/2016 5:15:00 PM	359100.000	124.060	19.695	279.457
41539.676	46222.859	30.288	31.432	24.073
1.021	14.760			
4/16/2016 5:30:00 PM	360000.000	124.095	19.701	279.536
41590.160	46273.559	30.326	31.466	24.044
1.021	14.758			
4/16/2016 5:45:00 PM	360900.000	124.124	19.704	279.601
41565.898	46243.473	30.304	31.446	24.058
1.021	14.760			
4/16/2016 6:00:00 PM	361800.000	124.157	19.702	279.675
41597.898	46281.395	30.332	31.471	24.040
1.021	14.759			
4/16/2016 6:15:00 PM	362700.000	124.201	19.691	279.775
41586.496	46278.906	30.329	31.470	24.046
1.021	14.755			
4/16/2016 6:30:00 PM	363600.000	124.236	19.690	279.853
41550.059	46239.551	30.300	31.443	24.067
1.021	14.752			
4/16/2016 6:45:00 PM	364500.000	124.266	19.696	279.922
41587.500	46275.398	30.327	31.467	24.046
1.021	14.757			
4/16/2016 7:00:00 PM	365400.000	124.300	19.699	279.997
41585.148	46269.957	30.323	31.464	24.047
1.021	14.755			
4/16/2016 7:15:00 PM	366300.000	124.317	19.691	280.036
41598.688	46293.074	30.340	31.479	24.039
1.021	14.760			
4/16/2016 7:30:00 PM	367200.000	124.353	19.693	280.116
41578.340	46268.457	30.322	31.463	24.051
1.021	14.755			
4/16/2016 7:45:00 PM	368100.000	124.379	19.691	280.176
41588.359	46281.152	30.331	31.471	24.045
1.021	14.754			
4/16/2016 8:00:00 PM	369000.000	124.393	19.697	280.208
41599.254	46287.781	30.336	31.476	24.039
1.021	14.759			
4/16/2016 8:15:00 PM	369900.000	124.412	19.706	280.250
41588.441	46267.109	30.321	31.462	24.045
1.021	14.755			
4/16/2016 8:30:00 PM	370800.000	124.432	19.694	280.296
41574.758	46263.352	30.318	31.459	24.053
1.021	14.755			
4/16/2016 8:45:00 PM	371700.000	124.438	19.697	280.309
41585.715	46272.379	30.325	31.465	24.047
1.021	14.754			
4/16/2016 9:00:00 PM	372600.000	124.436	19.707	280.305
41593.094	46271.246	30.324	31.464	24.042

1.021 14.756
4/16/2016 9:15:00 PM 373500.000 124.465 19.701 280.369
41589.438 46272.418 30.325 31.465 24.045
1.021 14.760
4/16/2016 9:30:00 PM 374400.000 124.430 19.704 280.291
41615.398 46298.473 30.344 31.483 24.030
1.021 14.762
4/16/2016 9:45:00 PM 375300.000 124.430 19.708 280.290
41580.930 46256.516 30.314 31.454 24.049
1.021 14.760
4/16/2016 10:00:00 PM 376200.000 124.414 19.705 280.254
41612.742 46294.563 30.341 31.480 24.031
1.021 14.766
4/16/2016 10:15:00 PM 377100.000 124.398 19.701 280.218
41600.137 46284.660 30.334 31.474 24.038
1.021 14.765
4/16/2016 10:30:00 PM 378000.000 124.385 19.696 280.190
41565.004 46250.449 30.309 31.450 24.059
1.021 14.763
4/16/2016 10:45:00 PM 378900.000 124.371 19.694 280.158
41584.645 46274.273 30.326 31.467 24.047
1.021 14.759
4/16/2016 11:00:00 PM 379800.000 124.353 19.693 280.116
41580.117 46269.832 30.323 31.463 24.050
1.021 14.759
4/16/2016 11:15:00 PM 380700.000 124.328 19.698 280.061
41597.820 46285.168 30.334 31.474 24.040
1.021 14.762
4/16/2016 11:30:00 PM 381600.000 124.306 19.700 280.012
41599.688 46285.277 30.334 31.474 24.039
1.021 14.755
4/16/2016 11:45:00 PM 382500.000 124.272 19.694 279.936
41595.168 46286.328 30.335 31.475 24.041
1.021 14.763
4/17/2016 12:00:00 AM 383400.000 124.250 19.693 279.884
41575.953 46265.281 30.319 31.460 24.052
1.021 14.761
4/17/2016 12:15:00 AM 384300.000 124.217 19.696 279.812
41575.477 46262.270 30.317 31.458 24.053
1.021 14.762
4/17/2016 12:30:00 AM 385200.000 124.199 19.695 279.771
41631.105 46324.598 30.363 31.501 24.021
1.021 14.755
4/17/2016 12:45:00 AM 386100.000 124.181 19.695 279.731
41579.758 46267.641 30.321 31.462 24.050
1.021 14.751
4/17/2016 1:00:00 AM 387000.000 124.137 19.699 279.632
41556.129 46237.570 30.299 31.442 24.064
1.021 14.757
4/17/2016 1:15:00 AM 387900.000 124.129 19.697 279.612
41593.027 46280.250 30.331 31.471 24.042
1.021 14.752
4/17/2016 1:30:00 AM 388800.000 124.107 19.693 279.564
41569.359 46257.863 30.314 31.455 24.056
1.021 14.756

4/17/2016 1:45:00 AM 389700.000 124.090 19.697 279.524
41593.949 46281.277 30.331 31.471 24.042
1.021 14.754
4/17/2016 2:00:00 AM 390600.000 124.066 19.698 279.472
41591.730 46278.645 30.329 31.469 24.043
1.021 14.754
4/17/2016 2:15:00 AM 391500.000 124.058 19.694 279.452
41608.727 46300.988 30.346 31.485 24.033
1.021 14.751
4/17/2016 2:30:00 AM 392400.000 124.053 19.698 279.442
41592.746 46279.262 30.330 31.470 24.043
1.021 14.748
4/17/2016 2:45:00 AM 393300.000 124.042 19.701 279.417
41597.754 46281.746 30.332 31.472 24.040
1.021 14.748
4/17/2016 3:00:00 AM 394200.000 124.041 19.695 279.414
41581.051 46269.234 30.322 31.463 24.049
1.021 14.746
4/17/2016 3:15:00 AM 395100.000 124.044 19.706 279.422
41575.551 46252.770 30.311 31.452 24.053
1.021 14.748
4/17/2016 3:30:00 AM 396000.000 124.057 19.700 279.452
41584.133 46267.543 30.321 31.462 24.048
1.021 14.745
4/17/2016 3:45:00 AM 396900.000 124.057 19.698 279.450
41564.387 46247.531 30.307 31.448 24.059
1.021 14.745
4/17/2016 4:00:00 AM 397800.000 124.080 19.701 279.501
41583.570 46266.480 30.321 31.461 24.048
1.021 14.736
4/17/2016 4:15:00 AM 398700.000 124.089 19.693 279.522
41589.863 46280.680 30.331 31.471 24.044
1.021 14.739
4/17/2016 4:30:00 AM 399600.000 124.099 19.692 279.546
41577.246 46267.664 30.321 31.462 24.052
1.021 14.742
4/17/2016 4:45:00 AM 400500.000 124.125 19.696 279.604
41580.566 46267.508 30.321 31.462 24.050
1.021 14.737
4/17/2016 5:00:00 AM 401400.000 124.150 19.703 279.660
41602.996 46285.773 30.335 31.474 24.037
1.021 14.740
4/17/2016 5:15:00 AM 402300.000 124.165 19.704 279.694
41600.629 46282.551 30.332 31.472 24.038
1.021 14.738
4/17/2016 5:30:00 AM 403200.000 124.194 19.703 279.759
41613.109 46296.688 30.343 31.482 24.031
1.021 14.738
4/17/2016 5:45:00 AM 404100.000 124.248 19.712 279.880
41624.863 46301.449 30.347 31.485 24.024
1.021 14.734
4/17/2016 6:00:00 AM 405000.000 124.254 19.700 279.894
41579.395 46262.855 30.318 31.459 24.050
1.021 14.729
4/17/2016 6:15:00 AM 405900.000 124.277 19.700 279.946

41613.316 46299.832 30.345 31.484 24.031
1.021 14.733
4/17/2016 6:30:00 AM 406800.000 124.300 19.701 279.998
41571.750 46253.332 30.311 31.452 24.055
1.021 14.733
4/17/2016 6:45:00 AM 407700.000 124.324 19.693 280.051
41570.938 46259.957 30.315 31.457 24.055
1.021 14.738
4/17/2016 7:00:00 AM 408600.000 124.348 19.701 280.106
41552.633 46232.063 30.295 31.438 24.066
1.021 14.733
4/17/2016 7:15:00 AM 409500.000 124.370 19.698 280.155
41605.859 46294.113 30.341 31.480 24.035
1.021 14.734
4/17/2016 7:30:00 AM 410400.000 124.386 19.705 280.191
41601.699 46282.711 30.333 31.472 24.037
1.021 14.734
4/17/2016 7:45:00 AM 411300.000 124.401 19.709 280.224
41605.355 46282.832 30.333 31.472 24.035
1.021 14.740
4/17/2016 8:00:00 AM 412200.000 124.416 19.708 280.260
41591.168 46267.738 30.322 31.462 24.044
1.021 14.730
4/17/2016 8:15:00 AM 413100.000 124.422 19.698 280.274
41563.785 46247.039 30.306 31.448 24.059
1.021 14.735
4/17/2016 8:30:00 AM 414000.000 124.420 19.693 280.268
41577.629 46267.582 30.321 31.462 24.051
1.021 14.738
4/17/2016 8:45:00 AM 414900.000 124.422 19.696 280.273
41596.746 46285.848 30.335 31.474 24.040
1.021 14.738
4/17/2016 9:00:00 AM 415800.000 124.423 19.707 280.274
41591.168 46268.941 30.323 31.463 24.044
1.021 14.738
4/17/2016 9:15:00 AM 416700.000 124.420 19.698 280.268
41583.352 46268.730 30.322 31.463 24.048
1.021 14.732
4/17/2016 9:30:00 AM 417600.000 124.415 19.697 280.257
41569.957 46255.363 30.312 31.454 24.056
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4/17/2016 9:45:00 AM 418500.000 124.399 19.699 280.220
41601.555 46287.945 30.336 31.476 24.038
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4/17/2016 10:00:00 AM 419400.000 124.387 19.701 280.193
41593.820 46277.887 30.329 31.469 24.042
1.021 14.727
4/17/2016 10:15:00 AM 420300.000 124.356 19.710 280.125
41594.895 46270.168 30.324 31.464 24.041
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4/17/2016 10:30:00 AM 421200.000 124.335 19.700 280.076
41616.473 46303.434 30.348 31.486 24.029
1.021 14.735
4/17/2016 10:45:00 AM 422100.000 124.324 19.694 280.051
41616.254 46309.363 30.352 31.490 24.029

1.021 14.724
4/17/2016 11:00:00 AM 423000.000 124.300 19.691 279.998
41588.785 46281.789 30.331 31.472 24.045
1.021 14.729
4/17/2016 11:15:00 AM 423900.000 124.260 19.690 279.908
41574.457 46266.801 30.320 31.461 24.053
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4/17/2016 11:30:00 AM 424800.000 124.229 19.691 279.837
41563.570 46253.477 30.311 31.452 24.060
1.021 14.735
4/17/2016 11:45:00 AM 425700.000 124.199 19.695 279.771
41593.598 46283.289 30.333 31.473 24.042
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4/17/2016 12:00:00 PM 426600.000 124.165 19.693 279.693
41580.832 46270.547 30.323 31.464 24.050
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4/17/2016 12:15:00 PM 427500.000 124.137 19.695 279.631
41586.141 46275.262 30.327 31.467 24.046
1.021 14.737
4/17/2016 12:30:00 PM 428400.000 124.097 19.698 279.541
41578.117 46262.809 30.318 31.459 24.051
1.021 14.736
4/17/2016 12:45:00 PM 429300.000 124.065 19.706 279.468
41581.422 46258.434 30.315 31.456 24.049
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4/17/2016 1:00:00 PM 430200.000 124.073 19.708 279.487
41590.582 46267.172 30.321 31.462 24.044
1.021 14.731
4/17/2016 1:15:00 PM 431100.000 124.015 19.699 279.355
41598.828 46284.914 30.334 31.474 24.039
1.021 14.727
4/17/2016 1:30:00 PM 432000.000 123.994 19.695 279.308
41598.832 46289.539 30.337 31.477 24.039
1.021 14.726
4/17/2016 1:45:00 PM 432900.000 123.957 19.704 279.226
41598.465 46280.141 30.331 31.470 24.039
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4/17/2016 2:00:00 PM 433800.000 123.938 19.703 279.183
41596.383 46278.594 30.330 31.469 24.041
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4/17/2016 2:15:00 PM 434700.000 123.925 19.698 279.154
41587.285 46273.445 30.326 31.466 24.046
1.021 14.736
4/17/2016 2:30:00 PM 435600.000 123.917 19.691 279.134
41564.004 46254.305 30.311 31.453 24.059
1.021 14.735
4/17/2016 2:45:00 PM 436500.000 123.898 19.690 279.093
41569.297 46260.793 30.316 31.457 24.056
1.021 14.738
4/17/2016 3:00:00 PM 437400.000 123.886 19.695 279.065
41593.516 46282.949 30.332 31.472 24.042
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4/17/2016 3:15:00 PM 438300.000 123.880 19.704 279.051
41582.125 46261.789 30.317 31.458 24.049
1.021 14.740

4/17/2016 3:30:00 PM 439200.000 123.887 19.706 279.068
41592.316 46271.336 30.324 31.465 24.043
1.021 14.732
4/17/2016 3:45:00 PM 440100.000 123.899 19.701 279.095
41599.324 46283.320 30.333 31.473 24.039
1.021 14.732
4/17/2016 4:00:00 PM 441000.000 123.903 19.700 279.103
41563.949 46244.996 30.305 31.447 24.059
1.021 14.737
4/17/2016 4:15:00 PM 441900.000 123.924 19.704 279.152
41607.867 46290.250 30.338 31.477 24.034
1.021 14.734
4/17/2016 4:30:00 PM 442800.000 123.941 19.703 279.190
41586.508 46267.859 30.322 31.462 24.046
1.021 14.733
4/17/2016 4:45:00 PM 443700.000 123.965 19.700 279.242
41570.855 46252.680 30.310 31.452 24.055
1.021 14.728
4/17/2016 5:00:00 PM 444600.000 123.990 19.702 279.300
41600.480 46284.434 30.334 31.473 24.038
1.021 14.730
4/17/2016 5:15:00 PM 445500.000 124.020 19.698 279.368
41597.332 46284.285 30.333 31.473 24.040
1.021 14.733
4/17/2016 5:30:00 PM 446400.000 124.053 19.705 279.441
41569.180 46246.098 30.306 31.447 24.056
1.021 14.732
4/17/2016 5:45:00 PM 447300.000 124.078 19.700 279.498
41572.309 46254.297 30.312 31.453 24.054
1.021 14.733
4/17/2016 6:00:00 PM 448200.000 124.122 19.698 279.596
41576.758 46261.219 30.317 31.458 24.052
1.021 14.732
4/17/2016 6:15:00 PM 449100.000 124.155 19.693 279.671
41588.566 46280.090 30.330 31.470 24.045
1.021 14.732
4/17/2016 6:30:00 PM 450000.000 124.181 19.705 279.731
41597.906 46278.570 30.330 31.469 24.040
1.021 14.734
4/17/2016 6:45:00 PM 450900.000 124.219 19.707 279.816
41588.871 46266.469 30.321 31.461 24.045
1.021 14.737
4/17/2016 7:00:00 PM 451800.000 124.263 19.699 279.914
41610.305 46297.512 30.343 31.482 24.033
1.021 14.726
4/17/2016 7:15:00 PM 452700.000 124.295 19.698 279.986
41588.367 46274.391 30.326 31.467 24.045
1.021 14.731
4/17/2016 7:30:00 PM 453600.000 124.330 19.695 280.066
41575.957 46263.750 30.318 31.459 24.052
1.021 14.734
4/17/2016 7:45:00 PM 454500.000 124.363 19.697 280.140
41599.477 46288.211 30.336 31.476 24.039
1.021 14.734
4/17/2016 8:00:00 PM 455400.000 124.384 19.698 280.188

41577.613 46262.508 30.318 31.459 24.051
1.021 14.739
4/17/2016 8:15:00 PM 456300.000 124.406 19.706 280.238
41599.188 46278.980 30.330 31.470 24.039
1.021 14.737
4/17/2016 8:30:00 PM 457200.000 124.434 19.707 280.299
41581.703 46258.234 30.315 31.456 24.049
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4/17/2016 8:45:00 PM 458100.000 124.449 19.703 280.333
41595.898 46277.711 30.329 31.469 24.041
1.021 14.740
4/17/2016 9:00:00 PM 459000.000 124.461 19.704 280.361
41587.645 46267.594 30.322 31.462 24.046
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4/17/2016 9:15:00 PM 459900.000 124.478 19.700 280.398
41574.680 46257.527 30.314 31.455 24.053
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4/17/2016 9:30:00 PM 460800.000 124.490 19.700 280.425
41593.805 46279.070 30.330 31.470 24.042
1.021 14.743
4/17/2016 9:45:00 PM 461700.000 124.516 19.708 280.485
41609.012 46288.109 30.337 31.476 24.033
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4/17/2016 10:00:00 PM 462600.000 124.481 19.711 280.406
41593.383 46266.867 30.321 31.461 24.042
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4/17/2016 10:15:00 PM 463500.000 124.478 19.710 280.400
41570.027 46242.160 30.303 31.445 24.056
1.021 14.744
4/17/2016 10:30:00 PM 464400.000 124.496 19.708 280.440
41586.215 46261.977 30.318 31.458 24.046
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4/17/2016 10:45:00 PM 465300.000 124.451 19.697 280.338
41580.410 46266.648 30.321 31.461 24.050
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4/17/2016 11:00:00 PM 466200.000 124.466 19.699 280.372
41573.316 46256.793 30.313 31.455 24.054
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4/17/2016 11:15:00 PM 467100.000 124.414 19.706 280.256
41557.230 46232.305 30.296 31.438 24.063
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41570.039 46248.082 30.307 31.449 24.056
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4/17/2016 11:45:00 PM 468900.000 124.359 19.704 280.132
41579.633 46259.191 30.315 31.456 24.050
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41591.090 46274.930 30.327 31.467 24.044
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4/18/2016 12:15:00 AM 470700.000 124.314 19.699 280.029
41574.176 46257.828 30.314 31.455 24.053
1.021 14.735
4/18/2016 12:30:00 AM 471600.000 124.281 19.696 279.955
41566.883 46252.281 30.310 31.452 24.058

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4/18/2016 12:45:00 AM 472500.000 124.253 19.693 279.892
41590.941 46282.059 30.332 31.472 24.044
1.021 14.744
4/18/2016 1:00:00 AM 473400.000 124.223 19.698 279.824
41603.059 46291.160 30.338 31.478 24.037
1.021 14.740
4/18/2016 1:15:00 AM 474300.000 124.202 19.709 279.778
41596.035 46272.203 30.325 31.465 24.041
1.021 14.737
4/18/2016 1:30:00 AM 475200.000 124.166 19.703 279.697
41575.336 46255.094 30.312 31.453 24.053
1.021 14.741
4/18/2016 1:45:00 AM 476100.000 124.134 19.701 279.625
41581.059 46263.094 30.318 31.459 24.049
1.021 14.745
4/18/2016 2:00:00 AM 477000.000 124.110 19.708 279.570
41601.199 46278.727 30.330 31.470 24.038
1.021 14.741
4/18/2016 2:15:00 AM 477900.000 124.094 19.704 279.534
41591.230 46271.582 30.324 31.465 24.044
1.021 14.738
4/18/2016 2:30:00 AM 478800.000 124.067 19.698 279.473
41595.453 46282.195 30.332 31.472 24.041
1.021 14.741
4/18/2016 2:45:00 AM 479700.000 124.059 19.696 279.456
41578.254 46264.934 30.319 31.460 24.051
1.021 14.734
4/18/2016 3:00:00 AM 480600.000 124.045 19.700 279.424
41585.922 46269.535 30.323 31.463 24.047
1.021 14.735
4/18/2016 3:15:00 AM 481500.000 124.033 19.699 279.396
41584.199 46268.898 30.322 31.463 24.048
1.021 14.734
4/18/2016 3:30:00 AM 482400.000 124.026 19.699 279.381
41585.270 46270.348 30.323 31.464 24.047
1.021 14.735
4/18/2016 3:45:00 AM 483300.000 124.042 19.701 279.416
41566.949 46247.398 30.307 31.448 24.058
1.021 14.726
4/18/2016 4:00:00 AM 484200.000 124.032 19.703 279.395
41594.742 46277.105 30.328 31.468 24.042
1.021 14.732
4/18/2016 4:15:00 AM 485100.000 124.035 19.708 279.401
41583.789 46259.441 30.316 31.456 24.048
1.021 14.741
4/18/2016 4:30:00 AM 486000.000 124.046 19.702 279.426
41564.934 46244.371 30.305 31.446 24.059
1.021 14.735
4/18/2016 4:45:00 AM 486900.000 124.055 19.703 279.447
41596.457 46278.770 30.330 31.470 24.041
1.021 14.740
4/18/2016 5:00:00 AM 487800.000 124.071 19.702 279.481
41595.094 46277.766 30.329 31.469 24.041
1.021 14.740

4/18/2016 5:15:00 AM 488700.000 124.090 19.704 279.525
41597.473 46279.039 30.330 31.470 24.040
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4/18/2016 5:30:00 AM 489600.000 124.111 19.704 279.572
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41578.980 46262.828 30.318 31.459 24.051
1.021 14.688
4/19/2016 7:15:00 PM 625500.000 124.170 19.707 279.705
41573.102 46249.008 30.308 31.449 24.054
1.021 14.693
4/19/2016 7:30:00 PM 626400.000 124.206 19.705 279.786
41616.617 46299.137 30.345 31.483 24.029
1.021 14.690
4/19/2016 7:45:00 PM 627300.000 124.238 19.695 279.859
41608.574 46299.789 30.345 31.484 24.034
1.021 14.685
4/19/2016 8:00:00 PM 628200.000 124.278 19.696 279.948
41568.297 46254.617 30.312 31.453 24.057
1.021 14.694
4/19/2016 8:15:00 PM 629100.000 124.308 19.707 280.016
41607.512 46286.605 30.336 31.475 24.034
1.021 14.698
4/19/2016 8:30:00 PM 630000.000 124.333 19.708 280.072
41575.898 46250.500 30.309 31.450 24.052
1.021 14.699
4/19/2016 8:45:00 PM 630900.000 124.376 19.700 280.168
41589.086 46273.219 30.325 31.466 24.045
1.021 14.696
4/19/2016 9:00:00 PM 631800.000 124.393 19.701 280.208
41580.910 46263.441 30.318 31.459 24.049
1.021 14.706
4/19/2016 9:15:00 PM 632700.000 124.417 19.696 280.261
41590.594 46279.000 30.330 31.470 24.044
1.021 14.705
4/19/2016 9:30:00 PM 633600.000 124.435 19.699 280.303
41560.859 46242.832 30.303 31.445 24.061
1.021 14.709
4/19/2016 9:45:00 PM 634500.000 124.456 19.686 280.350
41547.535 46240.941 30.301 31.444 24.069
1.021 14.706
4/19/2016 10:00:00 PM 635400.000 124.462 19.685 280.363
41565.523 46261.988 30.317 31.458 24.058
1.021 14.709
4/19/2016 10:15:00 PM 636300.000 124.477 19.686 280.396
41568.867 46264.426 30.318 31.460 24.056
1.021 14.710

4/19/2016 10:30:00 PM 637200.000 124.482 19.693 280.407
41566.000 46254.813 30.312 31.453 24.058
1.021 14.707
4/19/2016 10:45:00 PM 638100.000 124.470 19.695 280.382
41576.328 46263.980 30.319 31.460 24.052
1.021 14.707
4/19/2016 11:00:00 PM 639000.000 124.466 19.693 280.372
41595.102 46287.027 30.335 31.475 24.041
1.021 14.704
4/19/2016 11:15:00 PM 639900.000 124.456 19.700 280.350
41579.125 46262.398 30.318 31.458 24.051
1.021 14.703
4/19/2016 11:30:00 PM 640800.000 124.435 19.696 280.303
41586.715 46274.527 30.326 31.467 24.046
1.021 14.707
4/19/2016 11:45:00 PM 641700.000 124.428 19.696 280.286
41565.887 46251.598 30.310 31.451 24.058
1.021 14.699
4/20/2016 12:00:00 AM 642600.000 124.398 19.705 280.219
41587.074 46266.605 30.321 31.461 24.046
1.021 14.705
4/20/2016 12:15:00 AM 643500.000 124.372 19.706 280.160
41586.000 46263.621 30.319 31.459 24.047
1.021 14.703
4/20/2016 12:30:00 AM 644400.000 124.343 19.697 280.095
41582.277 46268.727 30.322 31.463 24.049
1.021 14.706
4/20/2016 12:45:00 AM 645300.000 124.301 19.697 280.000
41602.766 46291.086 30.338 31.478 24.037
1.021 14.712
4/20/2016 1:00:00 AM 646200.000 124.275 19.693 279.942
41573.977 46263.262 30.318 31.459 24.054
1.021 14.705
4/20/2016 1:15:00 AM 647100.000 124.240 19.693 279.862
41547.887 46234.387 30.297 31.439 24.069
1.021 14.708
4/20/2016 1:30:00 AM 648000.000 124.202 19.695 279.777
41600.051 46290.559 30.338 31.478 24.038
1.021 14.704
4/20/2016 1:45:00 AM 648900.000 124.164 19.703 279.691
41565.020 46243.359 30.304 31.445 24.059
1.021 14.703
4/20/2016 2:00:00 AM 649800.000 124.134 19.697 279.625
41600.336 46288.477 30.337 31.476 24.038
1.021 14.697
4/20/2016 2:15:00 AM 650700.000 124.090 19.700 279.524
41576.898 46260.258 30.316 31.457 24.052
1.021 14.706
4/20/2016 2:30:00 AM 651600.000 124.053 19.705 279.441
41585.574 46264.688 30.319 31.460 24.047
1.021 14.707
4/20/2016 2:45:00 AM 652500.000 124.021 19.700 279.369
41568.941 46250.805 30.309 31.451 24.056
1.021 14.707
4/20/2016 3:00:00 AM 653400.000 123.991 19.701 279.303

41575.172 46256.547 30.313 31.454 24.053
1.021 14.704
4/20/2016 3:15:00 AM 654300.000 123.996 19.699 279.312
41585.211 46270.363 30.323 31.464 24.047
1.021 14.703
4/20/2016 3:30:00 AM 655200.000 123.966 19.706 279.246
41583.629 46261.066 30.317 31.458 24.048
1.021 14.701
4/20/2016 3:45:00 AM 656100.000 123.910 19.705 279.119
41602.344 46283.594 30.333 31.473 24.037
1.021 14.694
4/20/2016 4:00:00 AM 657000.000 123.896 19.707 279.088
41608.438 46287.809 30.336 31.476 24.034
1.021 14.699
4/20/2016 4:15:00 AM 657900.000 123.868 19.706 279.025
41608.438 46289.355 30.338 31.477 24.034
1.021 14.703
4/20/2016 4:30:00 AM 658800.000 123.858 19.698 279.003
41552.684 46234.508 30.297 31.439 24.066
1.021 14.700
4/20/2016 4:45:00 AM 659700.000 123.862 19.698 279.011
41559.996 46243.160 30.303 31.445 24.062
1.021 14.700
4/20/2016 5:00:00 AM 660600.000 123.846 19.704 278.976
41591.363 46271.730 30.325 31.465 24.043
1.021 14.700
4/20/2016 5:15:00 AM 661500.000 123.843 19.702 278.969
41588.434 46270.445 30.324 31.464 24.045
1.021 14.702
4/20/2016 5:30:00 AM 662400.000 123.843 19.697 278.969
41568.371 46253.516 30.311 31.452 24.057
1.021 14.707
4/20/2016 5:45:00 AM 663300.000 123.864 19.696 279.017
41584.273 46271.719 30.324 31.465 24.048
1.021 14.697
4/20/2016 6:00:00 AM 664200.000 123.879 19.698 279.050
41580.746 46266.070 30.320 31.461 24.050
1.021 14.698
4/20/2016 6:15:00 AM 665100.000 123.899 19.694 279.094
41569.438 46257.012 30.313 31.455 24.056
1.021 14.699
4/20/2016 6:30:00 AM 666000.000 123.917 19.696 279.135
41580.055 46267.363 30.321 31.462 24.050
1.021 14.700
4/20/2016 6:45:00 AM 666900.000 123.934 19.699 279.173
41594.598 46280.133 30.331 31.470 24.042
1.021 14.707
4/20/2016 7:00:00 AM 667800.000 123.964 19.705 279.241
41543.027 46217.266 30.285 31.428 24.071
1.021 14.704
4/20/2016 7:15:00 AM 668700.000 123.993 19.707 279.307
41585.141 46261.801 30.317 31.458 24.047
1.021 14.706
4/20/2016 7:30:00 AM 669600.000 124.059 19.697 279.454
41600.691 46289.215 30.337 31.477 24.038

1.021 14.700
4/20/2016 7:45:00 AM 670500.000 124.052 19.692 279.440
41591.789 46284.535 30.333 31.473 24.043
1.021 14.706
4/20/2016 8:00:00 AM 671400.000 124.114 19.700 279.579
41573.965 46256.730 30.313 31.455 24.054
1.021 14.707
4/20/2016 8:15:00 AM 672300.000 124.108 19.695 279.566
41583.691 46272.020 30.324 31.465 24.048
1.021 14.711
4/20/2016 8:30:00 AM 673200.000 124.150 19.699 279.660
41595.391 46281.770 30.332 31.472 24.041
1.021 14.710
4/20/2016 8:45:00 AM 674100.000 124.173 19.706 279.711
41587.422 46266.047 30.320 31.461 24.046
1.021 14.708
4/20/2016 9:00:00 AM 675000.000 124.206 19.697 279.785
41573.309 46258.402 30.315 31.456 24.054
1.021 14.709
4/20/2016 9:15:00 AM 675900.000 124.227 19.693 279.833
41584.922 46275.441 30.327 31.467 24.047
1.021 14.713
4/20/2016 9:30:00 AM 676800.000 124.249 19.700 279.883
41586.641 46270.332 30.323 31.464 24.046
1.021 14.713
4/20/2016 9:45:00 AM 677700.000 124.261 19.700 279.910
41577.422 46259.984 30.316 31.457 24.052
1.021 14.722
4/20/2016 10:00:00 AM 678600.000 124.282 19.702 279.958
41574.816 46255.633 30.313 31.454 24.053
1.021 14.715
4/20/2016 10:15:00 AM 679500.000 124.303 19.711 280.005
41601.910 46277.027 30.329 31.468 24.037
1.021 14.714
4/20/2016 10:30:00 AM 680400.000 124.348 19.701 280.107
41579.402 46261.844 30.317 31.458 24.050
1.021 14.710
4/20/2016 10:45:00 AM 681300.000 124.314 19.700 280.030
41559.148 46239.652 30.301 31.443 24.062
1.021 14.719
4/20/2016 11:00:00 AM 682200.000 124.315 19.705 280.033
41578.844 46257.285 30.314 31.455 24.051
1.021 14.720
4/20/2016 11:15:00 AM 683100.000 124.314 19.699 280.030
41569.605 46253.000 30.311 31.452 24.056
1.021 14.723
4/20/2016 11:30:00 AM 684000.000 124.311 19.699 280.023
41589.652 46275.129 30.327 31.467 24.044
1.021 14.715
4/20/2016 11:45:00 AM 684900.000 124.308 19.697 280.016
41579.117 46265.555 30.320 31.461 24.051
1.021 14.713
4/20/2016 12:00:00 PM 685800.000 124.294 19.690 279.985
41555.820 46245.797 30.305 31.447 24.064
1.021 14.720

4/20/2016 12:15:00 PM 686700.000 124.276 19.694 279.944
41581.770 46271.332 30.324 31.465 24.049
1.021 14.717
4/20/2016 12:30:00 PM 687600.000 124.256 19.698 279.898
41584.285 46270.188 30.323 31.464 24.048
1.021 14.718
4/20/2016 12:45:00 PM 688500.000 124.238 19.699 279.858
41581.191 46265.809 30.320 31.461 24.049
1.021 14.715
4/20/2016 1:00:00 PM 689400.000 124.208 19.700 279.791
41588.074 46272.176 30.325 31.465 24.045
1.021 14.717
4/20/2016 1:15:00 PM 690300.000 124.182 19.698 279.732
41576.539 46261.488 30.317 31.458 24.052
1.021 14.719
4/20/2016 1:30:00 PM 691200.000 124.152 19.697 279.664
41558.188 46242.266 30.303 31.445 24.063
1.021 14.720
4/20/2016 1:45:00 PM 692100.000 124.124 19.697 279.602
41596.387 46284.426 30.334 31.473 24.041
1.021 14.717
4/20/2016 2:00:00 PM 693000.000 124.106 19.700 279.560
41590.281 46274.813 30.327 31.467 24.044
1.021 14.712
4/20/2016 2:15:00 PM 693900.000 124.073 19.697 279.486
41590.289 46277.559 30.329 31.469 24.044
1.021 14.715
4/20/2016 2:30:00 PM 694800.000 124.045 19.705 279.425
41582.418 46260.746 30.317 31.457 24.049
1.021 14.714
4/20/2016 2:45:00 PM 695700.000 124.056 19.711 279.449
41587.852 46261.570 30.317 31.458 24.045
1.021 14.705
4/20/2016 3:00:00 PM 696600.000 124.001 19.699 279.324
41571.094 46254.316 30.312 31.453 24.055
1.021 14.711
4/20/2016 3:15:00 PM 697500.000 123.971 19.700 279.256
41605.277 46291.145 30.339 31.478 24.035
1.021 14.715
4/20/2016 3:30:00 PM 698400.000 123.949 19.704 279.207
41595.957 46276.914 30.328 31.468 24.041
1.021 14.710
4/20/2016 3:45:00 PM 699300.000 123.935 19.702 279.175
41577.031 46258.262 30.315 31.456 24.052
1.021 14.706
4/20/2016 4:00:00 PM 700200.000 123.918 19.697 279.138
41582.898 46269.418 30.323 31.463 24.048
1.021 14.706
4/20/2016 4:15:00 PM 701100.000 123.901 19.710 279.099
41591.582 46266.656 30.321 31.461 24.043
1.021 14.709
4/20/2016 4:30:00 PM 702000.000 123.927 19.708 279.157
41572.527 46247.004 30.307 31.448 24.054
1.021 14.705
4/20/2016 4:45:00 PM 702900.000 123.890 19.705 279.075

41601.332 46281.961 30.332 31.472 24.038
1.021 14.706
4/20/2016 5:00:00 PM 703800.000 123.893 19.703 279.081
41577.824 46258.039 30.315 31.455 24.051
1.021 14.703
4/20/2016 5:15:00 PM 704700.000 123.893 19.699 279.082
41558.969 46240.391 30.301 31.443 24.062
1.021 14.706
4/20/2016 5:30:00 PM 705600.000 123.915 19.698 279.132
41577.816 46262.910 30.318 31.459 24.051
1.021 14.696
4/20/2016 5:45:00 PM 706500.000 123.924 19.704 279.151
41595.316 46276.805 30.328 31.468 24.041
1.021 14.699
4/20/2016 6:00:00 PM 707400.000 123.930 19.705 279.164
41595.824 46275.738 30.328 31.468 24.041
1.021 14.704
4/20/2016 6:15:00 PM 708300.000 123.954 19.708 279.218
41597.754 46274.813 30.327 31.467 24.040
1.021 14.703
4/20/2016 6:30:00 PM 709200.000 123.977 19.704 279.271
41582.059 46261.891 30.317 31.458 24.049
1.021 14.702
4/20/2016 6:45:00 PM 710100.000 123.998 19.710 279.318
41591.379 46265.574 30.320 31.461 24.043
1.021 14.701
4/20/2016 7:00:00 PM 711000.000 124.029 19.704 279.387
41563.215 46240.234 30.302 31.443 24.060
1.021 14.701
4/20/2016 7:15:00 PM 711900.000 124.050 19.710 279.436
41580.762 46253.938 30.312 31.453 24.050
1.021 14.706
4/20/2016 7:30:00 PM 712800.000 124.090 19.714 279.525
41623.863 46298.535 30.345 31.483 24.025
1.021 14.699
4/20/2016 7:45:00 PM 713700.000 124.110 19.705 279.569
41589.434 46268.805 30.322 31.463 24.045
1.021 14.705
4/20/2016 8:00:00 PM 714600.000 124.151 19.715 279.661
41606.574 46277.758 30.329 31.469 24.035
1.021 14.697
4/20/2016 8:15:00 PM 715500.000 124.185 19.712 279.738
41576.316 46247.102 30.307 31.448 24.052
1.021 14.699
4/20/2016 8:30:00 PM 716400.000 124.220 19.710 279.817
41583.418 46257.313 30.314 31.455 24.048
1.021 14.700
4/20/2016 8:45:00 PM 717300.000 124.248 19.704 279.880
41594.813 46275.906 30.328 31.468 24.041
1.021 14.703
4/20/2016 9:00:00 PM 718200.000 124.272 19.697 279.934
41571.504 46256.301 30.313 31.454 24.055
1.021 14.714
4/20/2016 9:15:00 PM 719100.000 124.337 19.697 280.081
41588.789 46275.629 30.327 31.467 24.045

1.021 14.708
4/20/2016 9:30:00 PM 720000.000 124.331 19.697 280.068
41582.250 46268.523 30.322 31.463 24.049
1.021 14.711
4/20/2016 9:45:00 PM 720900.000 124.357 19.702 280.126
41561.281 46240.234 30.301 31.443 24.061
1.021 14.708
4/20/2016 10:00:00 PM 721800.000 124.373 19.707 280.163
41595.320 46273.641 30.326 31.466 24.041
1.021 14.709
4/20/2016 10:15:00 PM 722700.000 124.377 19.704 280.170
41560.426 46237.902 30.300 31.442 24.061
1.021 14.715
4/20/2016 10:30:00 PM 723600.000 124.396 19.694 280.213
41552.891 46239.199 30.300 31.443 24.066
1.021 14.713
4/20/2016 10:45:00 PM 724500.000 124.397 19.699 280.216
41567.430 46250.145 30.309 31.450 24.057
1.021 14.711
4/20/2016 11:00:00 PM 725400.000 124.391 19.703 280.204
41585.199 46265.730 30.320 31.461 24.047
1.021 14.710
4/20/2016 11:15:00 PM 726300.000 124.383 19.708 280.185
41555.125 46227.809 30.293 31.435 24.064
1.021 14.710
4/20/2016 11:30:00 PM 727200.000 124.378 19.700 280.174
41529.789 46207.578 30.278 31.421 24.079
1.021 14.708
4/20/2016 11:45:00 PM 728100.000 124.372 19.701 280.161
41603.340 46287.887 30.336 31.476 24.037
1.021 14.703

Report Date: 4/22/2016 8:16:36 AM
Report User Name: KMakar
Report Computer Name: WKST46
Application: WinSitu.exe
Application Version: 5.6.25.0

Log File Properties:
File Name: MPWSP MW-3M Pre Test_2016-04-21_11-26-27-176.wsl
Create Date: 4/21/2016 11:23:42 AM

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

Log Configuration
Log Name: MPWSP MW-3M Pre Test
Created By: ECrowWillard
Computer Name: NOTEBOOK02
Application: WinSitu.exe
Application Version: 5.6.25.0
Create Date: 4/22/2015 12:51:17 PM Pacific Daylight Time
Log Setup Time Zone: Pacific Daylight Time
Notes Size(bytes): 4096
Overwrite when full: Enabled
Scheduled Start Time: 4/22/2015 1:00:00 PM Pacific Daylight Time
Scheduled Stop Time: No Stop Time
Type: Linear
Interval: Days: 0 hrs: 00 mins: 15 secs: 00

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

Other Log Settings
Depth of Probe: 148.509 (ft)
Head Pressure: 65.9279 (PSI)
Temperature: 17.0095 (C)

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

TDS Factor: 0.68

Log Notes:

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

10/22/2015 11:13:41 AM Log Download - Used Battery: 13% Used Memory: 28% User Name: CShaw Interval - Start Time: 10/1/2015 3:05:00 AM Stop Time: 10/22/2015 12:00:00 PM
10/29/2015 3:27:16 PM Log Download - Used Battery: 13% Used Memory: 29% User Name: KMakar Interval - Start Time: 10/13/2015 6:15:00 AM Stop Time: 10/29/2015 3:30:00 PM
11/5/2015 2:26:18 PM Log Download - Used Battery: 14% Used Memory: 29% User Name: KMakar Interval - Start Time: 10/20/2015 7:45:00 AM Stop Time: 11/5/2015 2:30:00 PM
11/12/2015 9:57:45 AM Log Download - Used Battery: 14% Used Memory: 31% User Name: CShaw Interval - Start Time: 10/26/2015 1:00:00 PM Stop Time: 11/12/2015 9:45:00 PM
11/19/2015 3:25:23 PM Log Download - Used Battery: 14% Used Memory: 31% User Name: KMakar Interval - Start Time: 11/1/2015 7:00:00 AM Stop Time: 11/19/2015 3:30:00 PM
11/29/2015 9:50:59 AM Log Download - Used Battery: 15% Used Memory: 32% User Name: CShaw Interval - Start Time: 11/13/2015 1:00:00 AM Stop Time: 11/29/2015 10:45:00 AM
12/3/2015 11:04:19 AM Log Download - Used Battery: 15% Used Memory: 32% User Name: KMakar Interval - Start Time: 11/18/2015 7:00:00 AM Stop Time: 12/3/2015 11:00:00 AM
12/10/2015 9:16:19 AM Log Download - Used Battery: 15% Used Memory: 34% User Name: CShaw Interval - Start Time: 10/13/2015 1:45:00 AM Stop Time: 12/10/2015 9:15:00 AM
12/17/2015 10:47:22 AM Log Download - Used Battery: 16% Used Memory: 34% User Name: KMakar Interval - Start Time: 12/1/2015 12:00:00 PM Stop Time: 12/17/2015 10:45:00 AM
1/3/2016 10:39:51 AM Log Download - Used Battery: 17% Used Memory: 37% User Name: CShaw Interval - Start Time: 11/30/2015 1:00:00 AM Stop Time: 1/3/2016 11:30:00 AM
1/7/2016 10:38:51 AM Log Download - Used Battery: 17% Used Memory: 37% User Name: KMakar Interval - Start Time: 12/31/2015 10:00:00 AM Stop Time: 1/7/2016 10:30:00 AM
1/14/2016 8:37:09 AM Log Download - Used Battery: 17% Used Memory: 37% 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 11:58:50 AM Log Download - Used Battery: 17% Used Memory: 39% User Name: KMakar Interval - Start Time: 1/12/2016 11:00:00 AM Stop Time: 1/21/2016 11:45:00 AM
1/28/2016 2:14:03 PM Log Download - Used Battery: 18% Used Memory: 40% User Name: KMakar Interval - Start Time: 1/18/2016 11:45:00 AM Stop Time: 1/28/2016 2:00:00 PM
2/4/2016 9:27:02 AM Log Download - Used Battery: 18% Used Memory: 40% 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 9:20:20 AM Log Download - Used Battery: 19% Used Memory: 42% 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 9:07:29 AM Log Download - Used Battery: 19% Used Memory: 42% 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 12:21:09 PM Log Download - Used Battery: 19% Used Memory: 43% 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 9:33:17 AM Log Download - Used Battery: 20% Used Memory: 43% 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 10:19:33 AM Log Download - Used Battery: 20% Used Memory: 45% 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 5:12:28 PM Log Download - Used Battery: 20% Used Memory: 45% User Name: SKuiper Interval - Start Time: 3/8/2016 9:00:00 AM Stop Time: 3/17/2016 6:00:00 PM
3/24/2016 1:08:48 PM Log Download - Used Battery: 21% Used Memory: 46% 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 5:35:25 PM Log Download - Used Battery: 21% Used Memory: 46% User Name: SKuiper Interval - Start Time: 3/22/2016 12:00:00 PM Stop Time: 3/31/2016 6:14:45 PM
4/7/2016 1:12:32 PM Log Download - Used Battery: 21% Used Memory: 48% User Name: KMakar Interval - Start Time: 2/29/2016 5:00:00 PM Stop Time: 4/7/2016 1:00:00 PM
4/14/2016 12:58:41 PM Log Download - Used Battery: 22% Used Memory: 48% User Name: SKuiper Interval - Start Time: 4/5/2016 12:00:00 PM Stop Time: 4/14/2016 12:45:00 PM
4/21/2016 11:23:37 AM Log Download - Used Battery: 22% Used Memory: 50% User Name: ELinden Interval - Start Time: 4/12/2016 1:30:00 PM Stop Time: 4/21/2016 12:15:00 PM

Log Data:
Record Count: 856
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	Sensor: PCTD(G) 231ft	Sensor: PCTD(G) 231ft	Sensor: PCTD(G) 231ft	Sensor: PCTD(G) 231ft
	Elapsed Time	SN#: 395601	SN#: 395601	SN#: 395601	SN#: 395601	SN#: 395601	SN#: 395601	SN#: 395601	SN#: 395601	SN#: 395601
Date and Time	Seconds	Pressure (PSI)	Temperature (C)	Depth (ft)	Actual Conductivity (µS)	Specific Conductivity (µS)	Salinity (PSU)	Total Dissolved Solids (ppt)	Resistivity (ohm-cm)	Water Density (g/cm3)
4/14/2016 12:00:00 AM	124200.000	66.351	17.060	149.463	35367.219	41689.625	26.889	28.349	28.275	1.019
4/14/2016 12:15:00 AM	125100.000	66.349	17.060	149.456	35368.609	41691.672	26.891	28.350	28.274	1.019
4/14/2016 12:30:00 AM	126000.000	66.351	17.060	149.463	35397.102	41724.520	26.914	28.373	28.251	1.019
4/14/2016 12:45:00 AM	126900.000	66.353	17.060	149.468	35380.461	41705.070	26.900	28.359	28.264	1.019
4/14/2016 1:00:00 AM	127800.000	66.352	17.060	149.464	35395.215	41722.625	26.913	28.371	28.252	1.019
4/14/2016 1:15:00 AM	128700.000	66.356	17.060	149.473	35391.363	41717.922	26.909	28.368	28.255	1.019
4/14/2016 1:30:00 AM	129600.000	66.359	17.061	149.481	35397.586	41724.762	26.914	28.373	28.251	1.019
4/14/2016 1:45:00 AM	130500.000	66.359	17.060	149.479	35404.797	41733.672	26.921	28.379	28.245	1.019
4/14/2016 2:00:00 AM	131400.000	66.360	17.061	149.483	35378.043	41701.555	26.898	28.357	28.266	1.019
4/14/2016 2:15:00 AM	132300.000	66.365	17.060	149.494	35389.672	41715.762	26.908	28.367	28.257	1.019
4/14/2016 2:30:00 AM	133200.000	66.372	17.061	149.508	35408.273	41737.523	26.923	28.382	28.242	1.019
4/14/2016 2:45:00 AM	134100.000	66.373	17.060	149.511	35392.875	41719.789	26.911	28.369	28.254	1.019

4/14/2016 3:00:00 AM 135000.000 66.385 17.061 149.538
35381.082 41705.137 26.900 28.359 28.264
1.019
4/14/2016 3:15:00 AM 135900.000 66.384 17.061 149.536
35388.738 41714.410 26.907 28.366 28.258
1.019
4/14/2016 3:30:00 AM 136800.000 66.385 17.060 149.539
35389.840 41715.957 26.908 28.367 28.257
1.019
4/14/2016 3:45:00 AM 137700.000 66.391 17.061 149.551
35416.801 41747.004 26.930 28.388 28.235
1.019
4/14/2016 4:00:00 AM 138600.000 66.398 17.061 149.569
35411.086 41740.266 26.925 28.383 28.240
1.019
4/14/2016 4:15:00 AM 139500.000 66.397 17.060 149.565
35374.578 41697.969 26.895 28.355 28.269
1.019
4/14/2016 4:30:00 AM 140400.000 66.400 17.061 149.572
35390.629 41716.391 26.908 28.367 28.256
1.019
4/14/2016 4:45:00 AM 141300.000 66.407 17.061 149.587
35395.074 41721.301 26.912 28.370 28.253
1.019
4/14/2016 5:00:00 AM 142200.000 66.407 17.061 149.587
35398.434 41725.762 26.915 28.374 28.250
1.019
4/14/2016 5:15:00 AM 143100.000 66.409 17.061 149.592
35388.563 41713.551 26.906 28.365 28.258
1.019
4/14/2016 5:30:00 AM 144000.000 66.409 17.061 149.593
35406.262 41734.484 26.921 28.379 28.244
1.019
4/14/2016 5:45:00 AM 144900.000 66.411 17.061 149.596
35390.582 41716.168 26.908 28.367 28.256
1.019
4/14/2016 6:00:00 AM 145800.000 66.411 17.061 149.596
35403.781 41731.727 26.919 28.378 28.246
1.019
4/14/2016 6:15:00 AM 146700.000 66.415 17.061 149.606
35404.922 41733.070 26.920 28.378 28.245
1.019
4/14/2016 6:30:00 AM 147600.000 66.414 17.061 149.603
35429.773 41762.449 26.941 28.398 28.225
1.019
4/14/2016 6:45:00 AM 148500.000 66.414 17.061 149.603
35386.816 41711.980 26.905 28.364 28.259
1.019
4/14/2016 7:00:00 AM 149400.000 66.407 17.061 149.589
35399.125 41726.074 26.915 28.374 28.249
1.019
4/14/2016 7:15:00 AM 150300.000 66.411 17.062 149.598
35397.211 41723.496 26.913 28.372 28.251
1.019
4/14/2016 7:30:00 AM 151200.000 66.404 17.061 149.582

35421.410 41752.098 26.934 28.391 28.232
1.019
4/14/2016 7:45:00 AM 152100.000 66.405 17.062 149.584
35402.039 41729.188 26.917 28.376 28.247
1.019
4/14/2016 8:00:00 AM 153000.000 66.395 17.061 149.561
35382.074 41706.223 26.901 28.360 28.263
1.019
4/14/2016 8:15:00 AM 153900.000 66.393 17.061 149.557
35390.836 41716.230 26.908 28.367 28.256
1.019
4/14/2016 8:30:00 AM 154800.000 66.392 17.061 149.555
35408.199 41736.934 26.923 28.381 28.242
1.019
4/14/2016 8:45:00 AM 155700.000 66.388 17.061 149.546
35414.465 41744.082 26.928 28.386 28.237
1.019
4/14/2016 9:00:00 AM 156600.000 66.385 17.061 149.539
35421.379 41752.723 26.934 28.392 28.232
1.019
4/14/2016 9:15:00 AM 157500.000 66.382 17.061 149.531
35397.309 41723.934 26.914 28.372 28.251
1.019
4/14/2016 9:30:00 AM 158400.000 66.374 17.061 149.514
35400.555 41727.852 26.917 28.375 28.248
1.019
4/14/2016 9:45:00 AM 159300.000 66.368 17.061 149.500
35379.527 41702.809 26.899 28.358 28.265
1.019
4/14/2016 10:00:00 AM 160200.000 66.367 17.061 149.499
35385.754 41710.406 26.904 28.363 28.260
1.019
4/14/2016 10:15:00 AM 161100.000 66.359 17.061 149.481
35391.496 41717.176 26.909 28.368 28.255
1.019
4/14/2016 10:30:00 AM 162000.000 66.350 17.061 149.460
35398.664 41725.457 26.915 28.373 28.250
1.019
4/14/2016 10:45:00 AM 162900.000 66.346 17.061 149.450
35410.516 41739.750 26.925 28.383 28.240
1.019
4/14/2016 11:00:00 AM 163800.000 66.344 17.061 149.445
35405.855 41734.102 26.921 28.379 28.244
1.019
4/14/2016 11:15:00 AM 164700.000 66.331 17.061 149.417
35381.551 41705.609 26.901 28.360 28.263
1.019
4/14/2016 11:30:00 AM 165600.000 66.333 17.061 149.422
35400.891 41728.484 26.917 28.375 28.248
1.019
4/14/2016 11:45:00 AM 166500.000 66.329 17.061 149.412
35404.137 41732.145 26.920 28.378 28.245
1.019
4/14/2016 12:00:00 PM 167400.000 66.322 17.061 149.396
35396.191 41722.711 26.913 28.371 28.252

1.019
4/14/2016 12:15:00 PM 168300.000 66.320 17.061 149.391
35389.199 41715.039 26.907 28.366 28.257
1.019
4/14/2016 12:30:00 PM 169200.000 66.321 17.061 149.394
35382.711 41706.977 26.902 28.361 28.262
1.019
4/14/2016 12:45:00 PM 170100.000 66.317 17.061 149.387
35413.691 41743.660 26.928 28.386 28.238
1.019
4/14/2016 1:00:00 PM 171000.000 66.320 17.061 149.391
35419.797 41750.535 26.933 28.390 28.233
1.019
4/14/2016 1:15:00 PM 171900.000 66.311 17.061 149.373
35390.605 41716.449 26.908 28.367 28.256
1.019
4/14/2016 1:30:00 PM 172800.000 66.315 17.061 149.380
35395.000 41721.375 26.912 28.371 28.253
1.019
4/14/2016 1:45:00 PM 173700.000 66.317 17.060 149.385
35393.941 41720.793 26.911 28.370 28.253
1.019
4/14/2016 2:00:00 PM 174600.000 66.318 17.061 149.388
35399.074 41726.016 26.915 28.374 28.249
1.019
4/14/2016 2:15:00 PM 175500.000 66.320 17.061 149.391
35386.184 41711.398 26.905 28.364 28.260
1.019
4/14/2016 2:30:00 PM 176400.000 66.320 17.061 149.391
35378.105 41701.297 26.898 28.357 28.266
1.019
4/14/2016 2:45:00 PM 177300.000 66.326 17.061 149.405
35396.090 41722.660 26.913 28.371 28.252
1.019
4/14/2016 3:00:00 PM 178200.000 66.326 17.061 149.407
35408.660 41737.895 26.924 28.382 28.242
1.019
4/14/2016 3:15:00 PM 179100.000 66.326 17.060 149.405
35424.676 41756.930 26.937 28.395 28.229
1.019
4/14/2016 3:30:00 PM 180000.000 66.329 17.061 149.412
35371.227 41693.520 26.892 28.352 28.272
1.019
4/14/2016 3:45:00 PM 180900.000 66.349 17.060 149.458
35412.715 41742.922 26.927 28.385 28.238
1.019
4/14/2016 4:00:00 PM 181800.000 66.344 17.060 149.447
35396.719 41724.234 26.914 28.372 28.251
1.019
4/14/2016 4:15:00 PM 182700.000 66.348 17.061 149.455
35402.039 41730.012 26.918 28.376 28.247
1.019
4/14/2016 4:30:00 PM 183600.000 66.348 17.060 149.456
35396.117 41723.266 26.913 28.372 28.252
1.019

4/14/2016 4:45:00 PM	184500.000	66.359	17.061	149.481
35374.098	41696.574	26.894	28.354	28.269
1.019				
4/14/2016 5:00:00 PM	185400.000	66.361	17.060	149.485
35386.172	41712.129	26.905	28.364	28.260
1.019				
4/14/2016 5:15:00 PM	186300.000	66.366	17.061	149.497
35403.934	41732.156	26.920	28.378	28.245
1.019				
4/14/2016 5:30:00 PM	187200.000	66.369	17.061	149.502
35387.047	41712.504	26.906	28.365	28.259
1.019				
4/14/2016 5:45:00 PM	188100.000	66.372	17.060	149.510
35381.770	41706.355	26.901	28.360	28.263
1.019				
4/14/2016 6:00:00 PM	189000.000	66.378	17.060	149.522
35391.621	41718.059	26.909	28.368	28.255
1.019				
4/14/2016 6:15:00 PM	189900.000	66.378	17.060	149.523
35399.293	41727.270	26.916	28.375	28.249
1.019				
4/14/2016 6:30:00 PM	190800.000	66.386	17.061	149.541
35388.461	41713.836	26.906	28.365	28.258
1.019				
4/14/2016 6:45:00 PM	191700.000	66.392	17.060	149.554
35399.301	41727.684	26.916	28.375	28.249
1.019				
4/14/2016 7:00:00 PM	192600.000	66.395	17.060	149.561
35400.910	41729.090	26.917	28.376	28.248
1.019				
4/14/2016 7:15:00 PM	193500.000	66.396	17.061	149.562
35394.805	41721.484	26.912	28.371	28.253
1.019				
4/14/2016 7:30:00 PM	194400.000	66.397	17.061	149.566
35358.098	41678.379	26.881	28.341	28.282
1.019				
4/14/2016 7:45:00 PM	195300.000	66.398	17.061	149.568
35392.613	41719.063	26.910	28.369	28.254
1.019				
4/14/2016 8:00:00 PM	196200.000	66.407	17.061	149.588
35378.816	41702.715	26.899	28.358	28.266
1.019				
4/14/2016 8:15:00 PM	197100.000	66.405	17.061	149.583
35386.438	41711.785	26.905	28.364	28.259
1.019				
4/14/2016 8:30:00 PM	198000.000	66.406	17.061	149.585
35384.906	41709.242	26.903	28.362	28.261
1.019				
4/14/2016 8:45:00 PM	198900.000	66.407	17.060	149.589
35375.871	41699.492	26.896	28.356	28.268
1.019				
4/14/2016 9:00:00 PM	199800.000	66.404	17.061	149.582
35391.934	41717.930	26.909	28.368	28.255
1.019				
4/14/2016 9:15:00 PM	200700.000	66.409	17.061	149.592

35388.879 41714.660 26.907 28.366 28.257
1.019
4/14/2016 9:30:00 PM 201600.000 66.409 17.061 149.593
35396.566 41723.473 26.913 28.372 28.251
1.019
4/14/2016 9:45:00 PM 202500.000 66.403 17.061 149.580
35385.891 41710.309 26.904 28.363 28.260
1.019
4/14/2016 10:00:00 PM 203400.000 66.410 17.061 149.594
35412.781 41742.422 26.927 28.385 28.238
1.019
4/14/2016 10:15:00 PM 204300.000 66.407 17.062 149.589
35386.520 41710.645 26.904 28.363 28.259
1.019
4/14/2016 10:30:00 PM 205200.000 66.406 17.061 149.587
35401.699 41729.035 26.917 28.376 28.247
1.019
4/14/2016 10:45:00 PM 206100.000 66.403 17.062 149.579
35405.598 41733.051 26.920 28.378 28.244
1.019
4/14/2016 11:00:00 PM 207000.000 66.402 17.061 149.576
35411.316 41740.945 26.926 28.384 28.240
1.019
4/14/2016 11:15:00 PM 207900.000 66.402 17.062 149.576
35397.355 41723.500 26.913 28.372 28.251
1.019
4/14/2016 11:30:00 PM 208800.000 66.407 17.062 149.588
35416.004 41745.484 26.929 28.387 28.236
1.019
4/14/2016 11:45:00 PM 209700.000 66.400 17.062 149.573
35412.277 41741.004 26.926 28.384 28.239
1.019
4/15/2016 12:00:00 AM 210600.000 66.398 17.062 149.568
35427.824 41759.332 26.939 28.396 28.226
1.019
4/15/2016 12:15:00 AM 211500.000 66.404 17.062 149.582
35393.355 41718.867 26.910 28.369 28.254
1.019
4/15/2016 12:30:00 AM 212400.000 66.398 17.062 149.567
35386.918 41710.781 26.904 28.363 28.259
1.019
4/15/2016 12:45:00 AM 213300.000 66.398 17.062 149.569
35408.234 41735.906 26.922 28.380 28.242
1.019
4/15/2016 1:00:00 AM 214200.000 66.398 17.062 149.567
35406.895 41734.746 26.921 28.380 28.243
1.019
4/15/2016 1:15:00 AM 215100.000 66.398 17.062 149.569
35400.566 41727.285 26.916 28.375 28.248
1.019
4/15/2016 1:30:00 AM 216000.000 66.397 17.062 149.566
35424.629 41755.234 26.936 28.394 28.229
1.019
4/15/2016 1:45:00 AM 216900.000 66.403 17.063 149.579
35405.926 41732.520 26.920 28.378 28.244

1.019

4/15/2016 2:00:00 AM	217800.000	66.405	17.062	149.584
35417.270	41746.559	26.930	28.388	28.235

1.019

4/15/2016 2:15:00 AM	218700.000	66.405	17.063	149.583
35413.113	41740.922	26.926	28.384	28.238

1.019

4/15/2016 2:30:00 AM	219600.000	66.407	17.062	149.589
35411.656	41739.777	26.925	28.383	28.239

1.019

4/15/2016 2:45:00 AM	220500.000	66.407	17.062	149.587
35407.996	41735.547	26.922	28.380	28.242

1.019

4/15/2016 3:00:00 AM	221400.000	66.409	17.062	149.592
35412.531	41740.895	26.926	28.384	28.239

1.019

4/15/2016 3:15:00 AM	222300.000	66.414	17.063	149.603
35416.434	41745.242	26.929	28.387	28.235

1.019

4/15/2016 3:30:00 AM	223200.000	66.418	17.062	149.613
35416.578	41745.500	26.929	28.387	28.235

1.019

4/15/2016 3:45:00 AM	224100.000	66.419	17.063	149.614
35409.289	41736.648	26.923	28.381	28.241

1.019

4/15/2016 4:00:00 AM	225000.000	66.421	17.063	149.619
35422.758	41752.527	26.934	28.392	28.230

1.019

4/15/2016 4:15:00 AM	225900.000	66.427	17.062	149.634
35443.410	41777.207	26.952	28.409	28.214

1.019

4/15/2016 4:30:00 AM	226800.000	66.431	17.063	149.643
35425.699	41755.992	26.937	28.394	28.228

1.019

4/15/2016 4:45:00 AM	227700.000	66.438	17.062	149.657
35413.094	41741.887	26.927	28.384	28.238

1.019

4/15/2016 5:00:00 AM	228600.000	66.435	17.063	149.651
35398.582	41723.793	26.914	28.372	28.250

1.019

4/15/2016 5:15:00 AM	229500.000	66.441	17.063	149.665
35417.988	41746.582	26.930	28.388	28.234

1.019

4/15/2016 5:30:00 AM	230400.000	66.441	17.062	149.665
35433.602	41765.566	26.944	28.401	28.222

1.019

4/15/2016 5:45:00 AM	231300.000	66.444	17.063	149.672
35398.734	41723.809	26.914	28.372	28.250

1.019

4/15/2016 6:00:00 AM	232200.000	66.446	17.063	149.675
35421.934	41751.723	26.934	28.391	28.231

1.019

4/15/2016 6:15:00 AM	233100.000	66.448	17.062	149.680
35429.941	41761.414	26.941	28.398	28.225

1.019

4/15/2016 6:30:00 AM 234000.000 66.454 17.063 149.695
35412.262 41740.152 26.925 28.383 28.239
1.019
4/15/2016 6:45:00 AM 234900.000 66.454 17.062 149.693
35430.289 41761.660 26.941 28.398 28.224
1.019
4/15/2016 7:00:00 AM 235800.000 66.452 17.062 149.690
35427.086 41757.887 26.938 28.395 28.227
1.019
4/15/2016 7:15:00 AM 236700.000 66.457 17.062 149.700
35420.832 41750.852 26.933 28.391 28.232
1.019
4/15/2016 7:30:00 AM 237600.000 66.453 17.063 149.692
35437.988 41770.570 26.947 28.404 28.218
1.019
4/15/2016 7:45:00 AM 238500.000 66.454 17.062 149.693
35429.234 41760.418 26.940 28.397 28.225
1.019
4/15/2016 8:00:00 AM 239400.000 66.451 17.063 149.688
35419.949 41749.309 26.932 28.390 28.233
1.019
4/15/2016 8:15:00 AM 240300.000 66.452 17.062 149.690
35394.281 41719.555 26.911 28.369 28.253
1.019
4/15/2016 8:30:00 AM 241200.000 66.448 17.063 149.681
35403.043 41729.289 26.918 28.376 28.246
1.019
4/15/2016 8:45:00 AM 242100.000 66.448 17.062 149.680
35412.051 41740.328 26.926 28.383 28.239
1.019
4/15/2016 9:00:00 AM 243000.000 66.444 17.062 149.671
35408.699 41736.789 26.923 28.381 28.242
1.019
4/15/2016 9:15:00 AM 243900.000 66.441 17.062 149.665
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4/15/2016 9:30:00 AM 244800.000 66.435 17.063 149.652
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1.019
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35406.043 41733.574 26.921 28.379 28.244
1.019
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35419.004 41748.766 26.932 28.389 28.233
1.019
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35392.266 41717.008 26.909 28.368 28.255
1.019
4/15/2016 11:15:00 AM 251100.000 66.408 17.063 149.590
35406.461 41733.488 26.921 28.379 28.243
1.019
4/15/2016 11:30:00 AM 252000.000 66.403 17.062 149.580
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1.019
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1.019
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1.019
4/15/2016 1:45:00 PM 260100.000 66.371 17.061 149.507
35415.934 41745.813 26.929 28.387 28.236
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35404.695 41731.832 26.919 28.378 28.245
1.019
4/15/2016 2:15:00 PM 261900.000 66.371 17.062 149.507
35406.629 41734.348 26.921 28.379 28.243
1.019
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35404.957 41732.785 26.920 28.378 28.245
1.019
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35406.902 41734.996 26.922 28.380 28.243
1.019
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35407.344 41735.438 26.922 28.380 28.243
1.019
4/15/2016 3:15:00 PM 265500.000 66.376 17.061 149.519
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1.019
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1.019
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1.019
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1.019
4/15/2016 4:15:00 PM 269100.000 66.384 17.061 149.536
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1.019
4/15/2016 4:30:00 PM 270000.000 66.390 17.061 149.551
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4/15/2016 6:45:00 PM 278100.000 66.431 17.061 149.643
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1.019
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1.019
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4/16/2016 6:00:00 AM 318600.000 66.452 17.061 149.689
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4/16/2016 6:15:00 AM 319500.000 66.455 17.061 149.696
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4/16/2016 6:30:00 AM 320400.000 66.460 17.061 149.709
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4/16/2016 6:45:00 AM 321300.000 66.460 17.061 149.709
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4/16/2016 7:15:00 AM 323100.000 66.464 17.061 149.717
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4/16/2016 7:30:00 AM 324000.000 66.463 17.061 149.715
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4/16/2016 9:45:00 AM 332100.000 66.462 17.061 149.713
35386.277 41711.094 26.905 28.364 28.260
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35360.703	41682.188	26.884	28.344	28.280
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35341.895 41659.195 26.867 28.328 28.295
1.019
4/20/2016 12:30:00 AM 644400.000 66.461 17.060 149.710
35352.516 41671.961 26.877 28.337 28.287
1.019
4/20/2016 12:45:00 AM 645300.000 66.457 17.061 149.701
35336.648 41653.012 26.863 28.324 28.299
1.019
4/20/2016 1:00:00 AM 646200.000 66.453 17.060 149.691

35350.383	41669.449	26.875	28.335	28.288
1.019				
4/20/2016 1:15:00 AM	647100.000	66.450	17.060	149.686
35342.676	41660.445	26.868	28.329	28.294
1.019				
4/20/2016 1:30:00 AM	648000.000	66.450	17.061	149.686
35341.828	41658.953	26.867	28.328	28.295
1.019				
4/20/2016 1:45:00 AM	648900.000	66.442	17.061	149.668
35331.098	41645.887	26.858	28.319	28.304
1.019				
4/20/2016 2:00:00 AM	649800.000	66.438	17.061	149.657
35327.629	41642.465	26.855	28.317	28.306
1.019				
4/20/2016 2:15:00 AM	650700.000	66.435	17.061	149.652
35363.719	41684.754	26.886	28.346	28.278
1.019				
4/20/2016 2:30:00 AM	651600.000	66.434	17.061	149.648
35346.395	41664.336	26.871	28.332	28.291
1.019				
4/20/2016 2:45:00 AM	652500.000	66.427	17.061	149.633
35330.570	41645.516	26.858	28.319	28.304
1.019				
4/20/2016 3:00:00 AM	653400.000	66.423	17.061	149.625
35376.539	41699.207	26.896	28.355	28.267
1.019				
4/20/2016 3:15:00 AM	654300.000	66.416	17.061	149.609
35362.813	41683.363	26.885	28.345	28.278
1.019				
4/20/2016 3:30:00 AM	655200.000	66.411	17.061	149.597
35345.449	41662.898	26.870	28.331	28.292
1.019				
4/20/2016 3:45:00 AM	656100.000	66.410	17.061	149.594
35370.836	41692.824	26.891	28.351	28.272
1.019				
4/20/2016 4:00:00 AM	657000.000	66.408	17.061	149.590
35353.227	41672.137	26.877	28.337	28.286
1.019				
4/20/2016 4:15:00 AM	657900.000	66.402	17.061	149.576
35354.523	41673.500	26.878	28.338	28.285
1.019				
4/20/2016 4:30:00 AM	658800.000	66.397	17.061	149.565
35349.148	41667.414	26.873	28.334	28.289
1.019				
4/20/2016 4:45:00 AM	659700.000	66.394	17.061	149.559
35368.078	41689.477	26.889	28.349	28.274
1.019				
4/20/2016 5:00:00 AM	660600.000	66.395	17.061	149.561
35358.980	41678.512	26.881	28.341	28.281
1.019				
4/20/2016 5:15:00 AM	661500.000	66.388	17.061	149.546
35351.008	41669.520	26.875	28.335	28.288
1.019				
4/20/2016 5:30:00 AM	662400.000	66.387	17.061	149.543
35335.598	41651.691	26.862	28.323	28.300

1.019
4/20/2016 5:45:00 AM 663300.000 66.387 17.061 149.543
35355.492 41674.641 26.878 28.339 28.284
1.019
4/20/2016 6:00:00 AM 664200.000 66.387 17.061 149.543
35341.156 41658.324 26.867 28.328 28.296
1.019
4/20/2016 6:15:00 AM 665100.000 66.385 17.060 149.539
35351.953 41671.207 26.876 28.336 28.287
1.019
4/20/2016 6:30:00 AM 666000.000 66.406 17.061 149.586
35340.992 41658.215 26.867 28.328 28.296
1.019
4/20/2016 6:45:00 AM 666900.000 66.388 17.061 149.546
35349.305 41668.012 26.874 28.334 28.289
1.019
4/20/2016 7:00:00 AM 667800.000 66.392 17.060 149.555
35335.887 41652.770 26.863 28.324 28.300
1.019
4/20/2016 7:15:00 AM 668700.000 66.395 17.061 149.561
35348.902 41667.289 26.873 28.334 28.289
1.019
4/20/2016 7:30:00 AM 669600.000 66.398 17.060 149.569
35363.344 41684.727 26.886 28.346 28.278
1.019
4/20/2016 7:45:00 AM 670500.000 66.400 17.060 149.572
35335.352 41651.813 26.862 28.323 28.300
1.019
4/20/2016 8:00:00 AM 671400.000 66.403 17.060 149.579
35341.086 41659.156 26.867 28.328 28.296
1.019
4/20/2016 8:15:00 AM 672300.000 66.405 17.060 149.584
35339.520 41657.219 26.866 28.327 28.297
1.019
4/20/2016 8:30:00 AM 673200.000 66.410 17.060 149.595
35344.980 41663.410 26.870 28.331 28.293
1.019
4/20/2016 8:45:00 AM 674100.000 66.412 17.060 149.600
35332.930 41649.207 26.860 28.321 28.302
1.019
4/20/2016 9:00:00 AM 675000.000 66.416 17.060 149.609
35304.328 41615.734 26.836 28.299 28.325
1.019
4/20/2016 9:15:00 AM 675900.000 66.414 17.059 149.603
35324.824 41640.391 26.854 28.315 28.309
1.019
4/20/2016 9:30:00 AM 676800.000 66.424 17.059 149.627
35333.512 41650.793 26.861 28.323 28.302
1.019
4/20/2016 9:45:00 AM 677700.000 66.421 17.059 149.620
35309.113 41622.031 26.841 28.303 28.321
1.019
4/20/2016 10:00:00 AM 678600.000 66.427 17.059 149.633
35319.586 41634.055 26.849 28.311 28.313
1.019

4/20/2016 10:15:00 AM	679500.000	66.427	17.059	149.634
35316.195	41630.555	26.847	28.309	28.316
1.019				
4/20/2016 10:30:00 AM	680400.000	66.435	17.059	149.651
35304.160	41615.871	26.836	28.299	28.325
1.019				
4/20/2016 10:45:00 AM	681300.000	66.431	17.059	149.642
35334.742	41652.172	26.862	28.323	28.301
1.019				
4/20/2016 11:00:00 AM	682200.000	66.435	17.059	149.652
35304.445	41616.625	26.837	28.299	28.325
1.019				
4/20/2016 11:15:00 AM	683100.000	66.435	17.059	149.650
35305.586	41617.875	26.838	28.300	28.324
1.019				
4/20/2016 11:30:00 AM	684000.000	66.436	17.059	149.655
35296.602	41607.379	26.830	28.293	28.331
1.019				
4/20/2016 11:45:00 AM	684900.000	66.437	17.059	149.656
35314.984	41629.125	26.846	28.308	28.317
1.019				
4/20/2016 12:00:00 PM	685800.000	66.438	17.059	149.657
35297.906	41609.238	26.832	28.294	28.330
1.019				
4/20/2016 12:15:00 PM	686700.000	66.436	17.058	149.653
35303.965	41616.465	26.837	28.299	28.325
1.019				
4/20/2016 12:30:00 PM	687600.000	66.433	17.059	149.647
35311.785	41624.945	26.843	28.305	28.319
1.019				
4/20/2016 12:45:00 PM	688500.000	66.432	17.059	149.645
35295.824	41606.367	26.830	28.292	28.332
1.019				
4/20/2016 1:00:00 PM	689400.000	66.431	17.059	149.642
35315.102	41629.184	26.846	28.308	28.316
1.019				
4/20/2016 1:15:00 PM	690300.000	66.426	17.059	149.631
35309.574	41622.992	26.841	28.304	28.321
1.019				
4/20/2016 1:30:00 PM	691200.000	66.420	17.059	149.618
35306.219	41618.457	26.838	28.301	28.324
1.019				
4/20/2016 1:45:00 PM	692100.000	66.417	17.058	149.611
35321.887	41637.922	26.852	28.314	28.311
1.019				
4/20/2016 2:00:00 PM	693000.000	66.413	17.058	149.602
35320.027	41635.398	26.850	28.312	28.313
1.019				
4/20/2016 2:15:00 PM	693900.000	66.421	17.059	149.619
35316.270	41630.719	26.847	28.309	28.316
1.019				
4/20/2016 2:30:00 PM	694800.000	66.414	17.060	149.603
35312.848	41625.699	26.843	28.305	28.318
1.019				
4/20/2016 2:45:00 PM	695700.000	66.406	17.060	149.585

35328.516	41644.082	26.857	28.318	28.306
1.019				
4/20/2016 3:00:00 PM	696600.000	66.405	17.059	149.583
35323.523	41639.434	26.853	28.315	28.310
1.019				
4/20/2016 3:15:00 PM	697500.000	66.402	17.060	149.578
35313.676	41626.918	26.844	28.306	28.318
1.019				
4/20/2016 3:30:00 PM	698400.000	66.399	17.060	149.570
35289.586	41598.355	26.824	28.287	28.337
1.019				
4/20/2016 3:45:00 PM	699300.000	66.393	17.059	149.557
35308.215	41620.652	26.840	28.302	28.322
1.019				
4/20/2016 4:00:00 PM	700200.000	66.390	17.060	149.551
35329.793	41645.508	26.858	28.319	28.305
1.019				
4/20/2016 4:15:00 PM	701100.000	66.389	17.059	149.547
35320.664	41635.246	26.850	28.312	28.312
1.019				
4/20/2016 4:30:00 PM	702000.000	66.384	17.060	149.538
35342.188	41660.281	26.868	28.329	28.295
1.019				
4/20/2016 4:45:00 PM	702900.000	66.386	17.059	149.541
35324.246	41639.469	26.853	28.315	28.309
1.019				
4/20/2016 5:00:00 PM	703800.000	66.384	17.060	149.538
35324.555	41639.672	26.853	28.315	28.309
1.019				
4/20/2016 5:15:00 PM	704700.000	66.386	17.060	149.541
35324.617	41639.813	26.854	28.315	28.309
1.019				
4/20/2016 5:30:00 PM	705600.000	66.385	17.060	149.539
35339.766	41657.344	26.866	28.327	28.297
1.019				
4/20/2016 5:45:00 PM	706500.000	66.382	17.060	149.532
35319.504	41633.621	26.849	28.311	28.313
1.019				
4/20/2016 6:00:00 PM	707400.000	66.384	17.060	149.536
35320.457	41634.426	26.850	28.311	28.312
1.019				
4/20/2016 6:15:00 PM	708300.000	66.384	17.060	149.536
35341.395	41659.590	26.868	28.329	28.295
1.019				
4/20/2016 6:30:00 PM	709200.000	66.384	17.060	149.536
35334.770	41651.711	26.862	28.323	28.301
1.019				
4/20/2016 6:45:00 PM	710100.000	66.389	17.059	149.547
35338.891	41656.734	26.866	28.327	28.297
1.019				
4/20/2016 7:00:00 PM	711000.000	66.390	17.059	149.551
35306.230	41618.234	26.838	28.300	28.324
1.019				
4/20/2016 7:15:00 PM	711900.000	66.396	17.060	149.562
35306.094	41617.652	26.838	28.300	28.324

1.019
4/20/2016 7:30:00 PM 712800.000 66.398 17.059 149.569
35309.094 41621.688 26.841 28.303 28.321
1.019
4/20/2016 7:45:00 PM 713700.000 66.401 17.059 149.574
35324.426 41639.762 26.853 28.315 28.309
1.019
4/20/2016 8:00:00 PM 714600.000 66.407 17.060 149.587
35319.242 41633.234 26.849 28.311 28.313
1.019
4/20/2016 8:15:00 PM 715500.000 66.411 17.060 149.596
35323.926 41638.758 26.853 28.314 28.309
1.019
4/20/2016 8:30:00 PM 716400.000 66.415 17.059 149.606
35328.785 41645.059 26.857 28.319 28.306
1.019
4/20/2016 8:45:00 PM 717300.000 66.419 17.059 149.615
35319.047 41633.578 26.849 28.311 28.313
1.019
4/20/2016 9:00:00 PM 718200.000 66.424 17.059 149.626
35318.395 41632.902 26.849 28.310 28.314
1.019
4/20/2016 9:15:00 PM 719100.000 66.433 17.059 149.647
35326.371 41642.141 26.855 28.317 28.307
1.019
4/20/2016 9:30:00 PM 720000.000 66.433 17.059 149.647
35313.109 41626.996 26.844 28.306 28.318
1.019
4/20/2016 9:45:00 PM 720900.000 66.441 17.059 149.665
35295.316 41605.605 26.829 28.292 28.332
1.019
4/20/2016 10:00:00 PM 721800.000 66.439 17.059 149.661
35286.238 41594.906 26.821 28.285 28.340
1.019
4/20/2016 10:15:00 PM 722700.000 66.444 17.059 149.671
35297.238 41608.371 26.831 28.294 28.331
1.019
4/20/2016 10:30:00 PM 723600.000 66.449 17.060 149.683
35322.785 41637.410 26.852 28.313 28.310
1.019
4/20/2016 10:45:00 PM 724500.000 66.450 17.059 149.685
35297.469 41607.906 26.831 28.293 28.331
1.019
4/20/2016 11:00:00 PM 725400.000 66.452 17.059 149.689
35262.965 41567.563 26.802 28.266 28.358
1.019
4/20/2016 11:15:00 PM 726300.000 66.466 17.059 149.722
35310.000 41623.250 26.842 28.304 28.321
1.019
4/20/2016 11:30:00 PM 727200.000 66.458 17.060 149.704
35313.223 41626.219 26.844 28.306 28.318
1.019
4/20/2016 11:45:00 PM 728100.000 66.457 17.059 149.701
35320.699 41635.785 26.851 28.312 28.312
1.019

Report Date: 4/22/2016 8:16:42 AM
Report User Name: KMakar
Report Computer Name: WKST46
Application: WinSitu.exe
Application Version: 5.6.25.0

Log File Properties:
File Name: MPWSP MW-3S Pre Test_2016-04-21_11-34-37-666.wsl
Create Date: 4/21/2016 11:31:50 AM

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

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

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

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

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

TDS Factor: 0.68

Log Notes:

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

Start Time: 8/1/2015 6:10:00 PM Stop Time: 9/3/2015 9:30:00 AM
9/10/2015 11:32:29 AM Log Download - Used Battery: 11% Used Memory: 26% User Name: KMakar Interval - Start Time: 8/10/2015 8:30:00 AM Stop Time: 9/10/2015 11:30:00 AM
9/17/2015 10:53:29 AM Log Download - Used Battery: 12% Used Memory: 28% User Name: KMakar Interval - Start Time: 9/1/2015 5:30:00 AM Stop Time: 9/17/2015 10:55:00 AM
9/24/2015 9:32:11 AM Log Download - Used Battery: 12% Used Memory: 28% User Name: CShaw Interval - Start Time: 9/1/2015 5:30:00 PM Stop Time: 9/24/2015 9:00:00 AM
10/1/2015 2:15:31 PM Log Download - Used Battery: 12% Used Memory: 29% User Name: KMakar Interval - Start Time: 9/15/2015 7:30:00 AM Stop Time: 10/1/2015 2:15:00 PM
10/8/2015 10:29:24 AM Log Download - Used Battery: 13% Used Memory: 29% User Name: CShaw Interval - Start Time: 9/14/2015 5:30:00 PM Stop Time: 10/8/2015 10:30:00 PM
10/15/2015 1:16:08 PM Log Download - Used Battery: 13% Used Memory: 31% User Name: KMakar Interval - Start Time: 9/30/2015 7:30:00 AM Stop Time: 10/15/2015 1:15:00 PM
10/22/2015 11:17:58 AM Log Download - Used Battery: 13% Used Memory: 31% User Name: CShaw Interval - Start Time: 10/1/2015 3:05:00 AM Stop Time: 10/22/2015 12:15:00 PM
10/29/2015 3:30:30 PM Log Download - Used Battery: 14% Used Memory: 32% User Name: KMakar Interval - Start Time: 10/13/2015 6:15:00 AM Stop Time: 10/29/2015 3:30:00 PM
11/5/2015 2:29:05 PM Log Download - Used Battery: 14% Used Memory: 32% User Name: KMakar Interval - Start Time: 10/20/2015 7:45:00 AM Stop Time: 11/5/2015 2:30:00 PM
11/12/2015 10:01:46 AM Log Download - Used Battery: 15% Used Memory: 34% User Name: CShaw Interval - Start Time: 10/26/2015 1:00:00 PM Stop Time: 11/12/2015 10:00:00 AM
11/12/2015 10:03:57 AM Log Download - Used Battery: 15% Used Memory: 34% User Name: CShaw Interval - Start Time: 10/26/2015 1:00:00 PM Stop Time: 11/12/2015 10:00:00 AM
11/12/2015 10:11:46 AM Log Download - Used Battery: 15% Used Memory: 34% User Name: CShaw Interval - Start Time: 10/26/2015 1:00:00 PM Stop Time: 11/12/2015 10:00:00 AM
11/19/2015 3:27:59 PM Log Download - Used Battery: 15% Used Memory: 34% User Name: KMakar Interval - Start Time: 11/1/2015 7:00:00 AM Stop Time: 11/19/2015 3:30:00 PM
11/29/2015 9:54:20 AM Log Download - Used Battery: 15% Used Memory: 35% User Name: CShaw Interval - Start Time: 11/13/2015 1:00:00 AM Stop Time: 11/29/2015 10:45:00 AM
12/3/2015 11:09:04 AM Log Download - Used Battery: 16% Used Memory: 35% User Name: KMakar Interval - Start Time: 11/18/2015 7:00:00 AM Stop Time: 12/3/2015 11:08:00 AM
12/10/2015 9:22:13 AM Log Download - Used Battery: 16% Used Memory: 37% User Name: CShaw Interval - Start Time: 10/13/2015 1:45:00 AM Stop Time: 12/10/2015 10:15:00 AM
12/17/2015 10:49:45 AM Log Download - Used Battery: 16% Used Memory: 37% User Name: KMakar Interval - Start Time: 12/1/2015 12:00:00 PM Stop Time: 12/17/2015 10:45:00 AM
1/3/2016 10:43:45 AM Log Download - Used Battery: 17% Used Memory: 40% User Name: CShaw Interval - Start Time: 11/30/2015 1:00:00 AM Stop Time: 1/3/2016 11:30:00 AM
1/7/2016 10:40:19 AM Log Download - Used Battery: 17% Used Memory: 40% User Name: KMakar Interval - Start Time: 12/31/2015 10:00:00 AM Stop Time: 1/7/2016 10:45:00 AM
1/14/2016 8:38:26 AM Log Download - Used Battery: 18% Used Memory: 40% User Name: KMakar Interval - Start Time: 1/4/2016 10:00:00 AM Stop Time: 1/14/2016 8:30:00 AM
1/21/2016 12:00:30 PM Log Download - Used Battery: 18% Used Memory: 42% User Name: KMakar Interval - Start Time: 1/12/2016 11:00:00 AM Stop Time: 1/21/2016 12:00:00 PM
1/28/2016 2:16:17 PM Log Download - Used Battery: 19% Used Memory: 42% User Name: KMakar Interval - Start Time: 1/18/2016 11:45:00 AM Stop Time: 1/28/2016 2:15:00 PM
2/4/2016 9:33:23 AM Log Download - Used Battery: 19% Used Memory: 43% User Name: CShaw Interval - Start Time: 12/31/2015 1:00:00 AM Stop Time: 2/4/2016 10:30:00 AM
2/11/2016 9:16:42 AM Log Download - Used Battery: 19% Used Memory: 45% User Name: CShaw Interval - Start Time: 2/2/2016 2:30:00 PM Stop Time: 2/11/2016 9:15:00 AM
2/18/2016 9:09:02 AM Log Download - Used Battery: 20% Used Memory: 45% User Name: CShaw Interval - Start Time: 2/4/2016 5:30:00 PM Stop Time: 2/18/2016 10:00:00 AM
2/25/2016 12:22:33 PM Log Download - Used Battery: 20% Used Memory: 46% User Name: KMakar Interval - Start Time: 2/15/2016 5:30:00 PM Stop Time: 2/25/2016 12:15:00 PM
3/3/2016 9:37:12 AM Log Download - Used Battery: 20% Used Memory: 46% User Name: SKuiper Interval -

Start Time: 1/31/2016 12:00:01 AM Stop Time: 3/3/2016 10:30:00 AM
3/10/2016 10:21:09 AM Log Download - Used Battery: 21% Used Memory: 48% User Name: KMakar Interval - Start Time: 3/1/2016 12:00:00 PM Stop Time: 3/10/2016 10:15:00 AM
3/17/2016 7:50:54 PM Log Download - Used Battery: 21% Used Memory: 48% User Name: SKuiper Interval - Start Time: 3/8/2016 9:00:00 AM Stop Time: 3/17/2016 7:45:00 PM
3/24/2016 1:10:13 PM Log Download - Used Battery: 21% Used Memory: 50% User Name: KMakar Interval - Start Time: 3/15/2016 12:00:00 PM Stop Time: 3/24/2016 1:00:00 PM
3/31/2016 8:26:16 AM Log Download - Used Battery: 22% Used Memory: 50% User Name: SKuiper Interval - Start Time: 3/22/2016 12:00:00 PM Stop Time: 3/31/2016 9:00:00 AM
4/7/2016 1:15:37 PM Log Download - Used Battery: 22% Used Memory: 51% User Name: KMakar Interval - Start Time: 2/29/2016 5:00:00 PM Stop Time: 4/7/2016 1:15:00 PM

Log Data:
Record Count: 857
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
Elapsed Time	SN#: 396211	SN#: 396211	SN#: 396211	SN#: 396211	SN#: 396211	SN#: 396211	SN#: 396211	SN#: 396211	SN#: 396211
Date and Time	Seconds	Pressure (PSI)	Temperature (C)	Depth (ft)	Actual Conductivity (µS)	Specific Conductivity (µS)	Salinity (PSU)	Total Dissolved Solids (ppt)	Resistivity (ohm-cm)	Water Density (g/cm3)
4/14/2016 12:00:00 AM	124200.000	20.202	16.875	45.506	33368.621	39498.426	25.320	26.859	29.968	1.018
4/14/2016 12:15:00 AM	125100.000	20.202	16.876	45.506	33338.180	39461.215	25.294	26.834	29.996	1.018
4/14/2016 12:30:00 AM	126000.000	20.203	16.878	45.510	33321.281	39439.730	25.279	26.819	30.011	1.018
4/14/2016 12:45:00 AM	126900.000	20.202	16.877	45.506	33340.020	39462.223	25.295	26.834	29.994	1.018
4/14/2016 1:00:00 AM	127800.000	20.207	16.876	45.518	33342.648	39466.590	25.298	26.837	29.992	1.018
4/14/2016 1:15:00 AM	128700.000	20.204	16.874	45.512	33364.438	39493.793	25.317	26.856	29.972	1.018
4/14/2016 1:30:00 AM	129600.000	20.208	16.876	45.520	33360.789	39488.457	25.313	26.852	29.975	1.018

4/14/2016 1:45:00 AM	130500.000	20.207	16.876	45.518
33387.738	39519.875	25.336	26.874	29.951
1.018				
4/14/2016 2:00:00 AM	131400.000	20.206	16.877	45.515
33345.719	39469.758	25.300	26.839	29.989
1.018				
4/14/2016 2:15:00 AM	132300.000	20.206	16.876	45.517
33390.035	39522.594	25.337	26.875	29.949
1.018				
4/14/2016 2:30:00 AM	133200.000	20.206	16.877	45.516
33395.125	39528.074	25.341	26.879	29.944
1.018				
4/14/2016 2:45:00 AM	134100.000	20.212	16.876	45.529
33347.605	39472.688	25.302	26.841	29.987
1.018				
4/14/2016 3:00:00 AM	135000.000	20.208	16.878	45.520
33381.832	39511.008	25.329	26.867	29.956
1.018				
4/14/2016 3:15:00 AM	135900.000	20.207	16.876	45.519
33399.242	39533.492	25.345	26.883	29.941
1.018				
4/14/2016 3:30:00 AM	136800.000	20.211	16.877	45.528
33375.273	39504.348	25.325	26.863	29.962
1.018				
4/14/2016 3:45:00 AM	137700.000	20.212	16.879	45.529
33381.543	39509.723	25.329	26.867	29.957
1.018				
4/14/2016 4:00:00 AM	138600.000	20.211	16.878	45.526
33341.660	39464.008	25.296	26.836	29.993
1.018				
4/14/2016 4:15:00 AM	139500.000	20.212	16.879	45.529
33383.027	39511.957	25.330	26.868	29.955
1.018				
4/14/2016 4:30:00 AM	140400.000	20.218	16.876	45.543
33358.703	39486.059	25.312	26.851	29.977
1.018				
4/14/2016 4:45:00 AM	141300.000	20.218	16.877	45.542
33336.727	39458.633	25.292	26.832	29.997
1.018				
4/14/2016 5:00:00 AM	142200.000	20.214	16.878	45.535
33362.555	39488.188	25.313	26.852	29.974
1.018				
4/14/2016 5:15:00 AM	143100.000	20.217	16.879	45.540
33364.027	39488.840	25.314	26.852	29.972
1.018				
4/14/2016 5:30:00 AM	144000.000	20.216	16.879	45.538
33350.977	39473.707	25.303	26.842	29.984
1.018				
4/14/2016 5:45:00 AM	144900.000	20.222	16.881	45.553
33390.219	39518.898	25.335	26.873	29.949
1.018				
4/14/2016 6:00:00 AM	145800.000	20.217	16.878	45.541
33356.281	39481.238	25.308	26.847	29.979
1.018				

4/14/2016 6:15:00 AM	146700.000	20.218	16.878	45.544
33354.578	39478.902	25.307	26.846	29.981
1.018				
4/14/2016 6:30:00 AM	147600.000	20.219	16.878	45.545
33357.832	39482.367	25.309	26.848	29.978
1.018				
4/14/2016 6:45:00 AM	148500.000	20.222	16.879	45.551
33340.203	39461.426	25.294	26.834	29.994
1.018				
4/14/2016 7:00:00 AM	149400.000	20.218	16.878	45.542
33379.629	39508.711	25.328	26.866	29.958
1.018				
4/14/2016 7:15:00 AM	150300.000	20.219	16.878	45.545
33367.480	39493.949	25.317	26.856	29.969
1.018				
4/14/2016 7:30:00 AM	151200.000	20.220	16.881	45.548
33353.324	39474.594	25.304	26.843	29.982
1.018				
4/14/2016 7:45:00 AM	152100.000	20.217	16.879	45.540
33345.570	39467.309	25.298	26.838	29.989
1.018				
4/14/2016 8:00:00 AM	153000.000	20.222	16.880	45.552
33361.809	39485.813	25.312	26.850	29.974
1.018				
4/14/2016 8:15:00 AM	153900.000	20.224	16.880	45.557
33368.520	39493.449	25.317	26.856	29.968
1.018				
4/14/2016 8:30:00 AM	154800.000	20.221	16.878	45.549
33387.625	39518.020	25.334	26.872	29.951
1.018				
4/14/2016 8:45:00 AM	155700.000	20.223	16.881	45.555
33384.934	39512.488	25.331	26.868	29.954
1.018				
4/14/2016 9:00:00 AM	156600.000	20.222	16.879	45.553
33353.465	39477.125	25.305	26.844	29.982
1.018				
4/14/2016 9:15:00 AM	157500.000	20.219	16.879	45.546
33353.316	39476.949	25.305	26.844	29.982
1.018				
4/14/2016 9:30:00 AM	158400.000	20.223	16.876	45.555
33394.691	39527.793	25.341	26.879	29.945
1.018				
4/14/2016 9:45:00 AM	159300.000	20.225	16.880	45.559
33365.012	39489.926	25.314	26.853	29.972
1.018				
4/14/2016 10:00:00 AM	160200.000	20.225	16.876	45.558
33367.793	39496.199	25.319	26.857	29.969
1.018				
4/14/2016 10:15:00 AM	161100.000	20.227	16.878	45.563
33326.934	39446.258	25.283	26.823	30.006
1.018				
4/14/2016 10:30:00 AM	162000.000	20.223	16.875	45.554
33367.152	39496.531	25.319	26.858	29.970
1.018				

4/14/2016 10:45:00 AM	162900.000	20.223	16.874	45.555
33331.301	39455.188	25.290	26.830	30.002
1.018				
4/14/2016 11:00:00 AM	163800.000	20.225	16.878	45.559
33377.016	39505.699	25.326	26.864	29.961
1.018				
4/14/2016 11:15:00 AM	164700.000	20.225	16.878	45.559
33372.750	39500.023	25.322	26.860	29.965
1.018				
4/14/2016 11:30:00 AM	165600.000	20.223	16.877	45.554
33381.371	39511.563	25.330	26.868	29.957
1.018				
4/14/2016 11:45:00 AM	166500.000	20.227	16.877	45.564
33364.590	39492.008	25.316	26.855	29.972
1.018				
4/14/2016 12:00:00 PM	167400.000	20.227	16.879	45.564
33388.648	39517.980	25.334	26.872	29.950
1.018				
4/14/2016 12:15:00 PM	168300.000	20.225	16.874	45.558
33337.746	39462.660	25.295	26.835	29.996
1.018				
4/14/2016 12:30:00 PM	169200.000	20.230	16.871	45.570
33360.566	39491.953	25.316	26.855	29.976
1.018				
4/14/2016 12:45:00 PM	170100.000	20.233	16.874	45.576
33352.746	39480.492	25.308	26.847	29.983
1.018				
4/14/2016 1:00:00 PM	171000.000	20.219	16.873	45.545
33400.961	39538.352	25.349	26.886	29.939
1.018				
4/14/2016 1:15:00 PM	171900.000	20.229	16.869	45.567
33387.453	39525.660	25.339	26.877	29.951
1.018				
4/14/2016 1:30:00 PM	172800.000	20.230	16.870	45.570
33324.664	39451.094	25.286	26.827	30.008
1.018				
4/14/2016 1:45:00 PM	173700.000	20.227	16.870	45.564
33390.309	39527.949	25.341	26.879	29.949
1.018				
4/14/2016 2:00:00 PM	174600.000	20.233	16.871	45.576
33371.344	39504.945	25.325	26.863	29.966
1.018				
4/14/2016 2:15:00 PM	175500.000	20.234	16.870	45.580
33333.914	39461.578	25.294	26.834	29.999
1.018				
4/14/2016 2:30:00 PM	176400.000	20.231	16.870	45.573
33375.559	39510.879	25.329	26.867	29.962
1.018				
4/14/2016 2:45:00 PM	177300.000	20.229	16.872	45.567
33366.063	39497.520	25.320	26.858	29.971
1.018				
4/14/2016 3:00:00 PM	178200.000	20.230	16.874	45.570
33376.488	39508.680	25.328	26.866	29.961
1.018				

4/14/2016 3:15:00 PM	179100.000	20.230	16.872	45.571
33362.848	39494.250	25.317	26.856	29.973
1.018				
4/14/2016 3:30:00 PM	180000.000	20.234	16.873	45.580
33353.117	39481.566	25.308	26.847	29.982
1.018				
4/14/2016 3:45:00 PM	180900.000	20.235	16.875	45.582
33325.234	39447.070	25.284	26.824	30.007
1.018				
4/14/2016 4:00:00 PM	181800.000	20.234	16.874	45.580
33349.559	39476.332	25.305	26.844	29.985
1.018				
4/14/2016 4:15:00 PM	182700.000	20.233	16.871	45.576
33340.258	39467.836	25.298	26.838	29.994
1.018				
4/14/2016 4:30:00 PM	183600.000	20.234	16.875	45.579
33337.160	39461.188	25.294	26.834	29.997
1.018				
4/14/2016 4:45:00 PM	184500.000	20.234	16.875	45.578
33366.934	39496.117	25.319	26.857	29.970
1.018				
4/14/2016 5:00:00 PM	185400.000	20.238	16.874	45.589
33365.477	39495.023	25.318	26.857	29.971
1.018				
4/14/2016 5:15:00 PM	186300.000	20.238	16.873	45.589
33367.172	39498.129	25.320	26.859	29.970
1.018				
4/14/2016 5:30:00 PM	187200.000	20.240	16.874	45.591
33336.023	39460.777	25.294	26.833	29.998
1.018				
4/14/2016 5:45:00 PM	188100.000	20.240	16.875	45.593
33379.949	39511.449	25.330	26.868	29.958
1.018				
4/14/2016 6:00:00 PM	189000.000	20.238	16.876	45.588
33336.777	39460.105	25.293	26.833	29.997
1.018				
4/14/2016 6:15:00 PM	189900.000	20.242	16.875	45.597
33361.973	39490.723	25.315	26.854	29.974
1.018				
4/14/2016 6:30:00 PM	190800.000	20.241	16.876	45.595
33342.430	39466.180	25.297	26.837	29.992
1.018				
4/14/2016 6:45:00 PM	191700.000	20.239	16.875	45.591
33372.883	39503.160	25.324	26.862	29.964
1.018				
4/14/2016 7:00:00 PM	192600.000	20.241	16.874	45.595
33353.551	39481.148	25.308	26.847	29.982
1.018				
4/14/2016 7:15:00 PM	193500.000	20.245	16.876	45.603
33351.879	39477.516	25.306	26.845	29.983
1.018				
4/14/2016 7:30:00 PM	194400.000	20.242	16.877	45.597
33377.168	39506.820	25.326	26.865	29.961
1.018				

4/14/2016 7:45:00 PM	195300.000	20.242	16.877	45.597
33364.617	39492.039	25.316	26.855	29.972
1.018				
4/14/2016 8:00:00 PM	196200.000	20.241	16.874	45.596
33367.258	39497.285	25.319	26.858	29.969
1.018				
4/14/2016 8:15:00 PM	197100.000	20.240	16.875	45.591
33328.484	39450.684	25.286	26.826	30.004
1.018				
4/14/2016 8:30:00 PM	198000.000	20.243	16.876	45.599
33345.805	39470.172	25.300	26.840	29.989
1.018				
4/14/2016 8:45:00 PM	198900.000	20.242	16.880	45.598
33326.750	39444.484	25.282	26.822	30.006
1.018				
4/14/2016 9:00:00 PM	199800.000	20.239	16.876	45.591
33356.379	39482.996	25.309	26.848	29.979
1.018				
4/14/2016 9:15:00 PM	200700.000	20.249	16.874	45.613
33355.094	39482.973	25.309	26.848	29.980
1.018				
4/14/2016 9:30:00 PM	201600.000	20.245	16.876	45.604
33346.426	39470.824	25.301	26.840	29.988
1.018				
4/14/2016 9:45:00 PM	202500.000	20.247	16.877	45.607
33340.109	39462.883	25.295	26.835	29.994
1.018				
4/14/2016 10:00:00 PM	203400.000	20.248	16.876	45.611
33350.160	39475.395	25.304	26.843	29.985
1.018				
4/14/2016 10:15:00 PM	204300.000	20.247	16.876	45.609
33329.652	39451.672	25.287	26.827	30.003
1.018				
4/14/2016 10:30:00 PM	205200.000	20.247	16.879	45.608
33351.539	39474.688	25.304	26.843	29.984
1.018				
4/14/2016 10:45:00 PM	206100.000	20.250	16.875	45.616
33367.430	39497.246	25.319	26.858	29.969
1.018				
4/14/2016 11:00:00 PM	207000.000	20.250	16.878	45.616
33378.145	39506.641	25.326	26.865	29.960
1.018				
4/14/2016 11:15:00 PM	207900.000	20.248	16.878	45.611
33358.109	39482.926	25.309	26.848	29.978
1.018				
4/14/2016 11:30:00 PM	208800.000	20.251	16.875	45.618
33334.539	39457.926	25.292	26.831	29.999
1.018				
4/14/2016 11:45:00 PM	209700.000	20.254	16.880	45.623
33364.473	39489.285	25.314	26.853	29.972
1.018				
4/15/2016 12:00:00 AM	210600.000	20.248	16.878	45.610
33349.883	39473.504	25.303	26.842	29.985
1.018				

4/15/2016 12:15:00 AM	211500.000	20.253	16.880	45.622
33352.477	39475.008	25.304	26.843	29.983
1.018				
4/15/2016 12:30:00 AM	212400.000	20.253	16.878	45.623
33369.609	39497.164	25.320	26.858	29.967
1.018				
4/15/2016 12:45:00 AM	213300.000	20.253	16.877	45.623
33375.070	39503.949	25.324	26.863	29.962
1.018				
4/15/2016 1:00:00 AM	214200.000	20.258	16.877	45.633
33364.355	39491.336	25.315	26.854	29.972
1.018				
4/15/2016 1:15:00 AM	215100.000	20.255	16.878	45.626
33353.980	39478.664	25.306	26.845	29.981
1.018				
4/15/2016 1:30:00 AM	216000.000	20.254	16.878	45.625
33375.801	39504.180	25.325	26.863	29.962
1.018				
4/15/2016 1:45:00 AM	216900.000	20.258	16.878	45.634
33350.711	39474.012	25.303	26.842	29.984
1.018				
4/15/2016 2:00:00 AM	217800.000	20.257	16.878	45.632
33363.406	39489.508	25.314	26.853	29.973
1.018				
4/15/2016 2:15:00 AM	218700.000	20.259	16.878	45.635
33324.059	39443.250	25.281	26.821	30.008
1.018				
4/15/2016 2:30:00 AM	219600.000	20.261	16.878	45.639
33396.785	39528.703	25.342	26.880	29.943
1.018				
4/15/2016 2:45:00 AM	220500.000	20.258	16.878	45.634
33367.020	39493.949	25.317	26.856	29.970
1.018				
4/15/2016 3:00:00 AM	221400.000	20.261	16.874	45.641
33331.191	39455.059	25.289	26.829	30.002
1.018				
4/15/2016 3:15:00 AM	222300.000	20.261	16.876	45.641
33371.254	39500.520	25.322	26.860	29.966
1.018				
4/15/2016 3:30:00 AM	223200.000	20.265	16.877	45.648
33374.777	39503.363	25.324	26.862	29.963
1.018				
4/15/2016 3:45:00 AM	224100.000	20.268	16.878	45.655
33380.082	39509.559	25.328	26.867	29.958
1.018				
4/15/2016 4:00:00 AM	225000.000	20.264	16.878	45.647
33358.453	39483.645	25.310	26.849	29.977
1.018				
4/15/2016 4:15:00 AM	225900.000	20.264	16.877	45.647
33342.027	39465.152	25.297	26.836	29.992
1.018				
4/15/2016 4:30:00 AM	226800.000	20.261	16.876	45.641
33369.000	39497.473	25.320	26.858	29.968
1.018				

4/15/2016 4:45:00 AM	227700.000	20.268	16.877	45.655
33396.020	39528.742	25.342	26.880	29.944
1.018				
4/15/2016 5:00:00 AM	228600.000	20.266	16.878	45.652
33377.066	39505.207	25.325	26.864	29.961
1.018				
4/15/2016 5:15:00 AM	229500.000	20.269	16.879	45.657
33338.332	39459.211	25.293	26.832	29.996
1.018				
4/15/2016 5:30:00 AM	230400.000	20.267	16.880	45.653
33340.688	39460.816	25.294	26.833	29.993
1.018				
4/15/2016 5:45:00 AM	231300.000	20.271	16.879	45.662
33363.316	39488.074	25.313	26.852	29.973
1.018				
4/15/2016 6:00:00 AM	232200.000	20.269	16.880	45.659
33381.664	39509.633	25.328	26.867	29.957
1.018				
4/15/2016 6:15:00 AM	233100.000	20.270	16.878	45.661
33372.141	39499.535	25.321	26.860	29.965
1.018				
4/15/2016 6:30:00 AM	234000.000	20.273	16.877	45.667
33372.480	39501.195	25.322	26.861	29.965
1.018				
4/15/2016 6:45:00 AM	234900.000	20.272	16.879	45.665
33379.691	39508.164	25.327	26.866	29.958
1.018				
4/15/2016 7:00:00 AM	235800.000	20.274	16.880	45.669
33348.355	39469.660	25.300	26.839	29.986
1.018				
4/15/2016 7:15:00 AM	236700.000	20.272	16.878	45.665
33351.207	39474.523	25.304	26.843	29.984
1.018				
4/15/2016 7:30:00 AM	237600.000	20.271	16.878	45.664
33336.195	39456.988	25.291	26.831	29.997
1.018				
4/15/2016 7:45:00 AM	238500.000	20.276	16.880	45.674
33344.496	39465.090	25.297	26.836	29.990
1.018				
4/15/2016 8:00:00 AM	239400.000	20.279	16.879	45.681
33375.824	39503.430	25.324	26.862	29.962
1.018				
4/15/2016 8:15:00 AM	240300.000	20.278	16.877	45.679
33343.910	39467.066	25.298	26.838	29.990
1.018				
4/15/2016 8:30:00 AM	241200.000	20.274	16.881	45.669
33362.727	39485.965	25.312	26.850	29.974
1.018				
4/15/2016 8:45:00 AM	242100.000	20.280	16.878	45.682
33351.270	39475.227	25.304	26.843	29.984
1.018				
4/15/2016 9:00:00 AM	243000.000	20.275	16.880	45.670
33385.891	39514.637	25.332	26.870	29.953
1.018				

4/15/2016 9:15:00 AM	243900.000	20.277	16.880	45.677
33369.879	39495.133	25.318	26.857	29.967
1.018				
4/15/2016 9:30:00 AM	244800.000	20.280	16.879	45.682
33325.191	39443.188	25.281	26.821	30.007
1.018				
4/15/2016 9:45:00 AM	245700.000	20.277	16.879	45.675
33377.016	39504.840	25.325	26.863	29.961
1.018				
4/15/2016 10:00:00 AM	246600.000	20.279	16.880	45.680
33317.172	39432.906	25.274	26.814	30.015
1.018				
4/15/2016 10:15:00 AM	247500.000	20.280	16.877	45.682
33348.410	39472.316	25.302	26.841	29.986
1.018				
4/15/2016 10:30:00 AM	248400.000	20.281	16.877	45.685
33361.242	39487.648	25.313	26.852	29.975
1.018				
4/15/2016 10:45:00 AM	249300.000	20.281	16.879	45.684
33347.277	39469.711	25.300	26.839	29.987
1.018				
4/15/2016 11:00:00 AM	250200.000	20.281	16.877	45.684
33364.473	39491.473	25.315	26.854	29.972
1.018				
4/15/2016 11:15:00 AM	251100.000	20.283	16.877	45.690
33363.117	39490.352	25.315	26.853	29.973
1.018				
4/15/2016 11:30:00 AM	252000.000	20.281	16.878	45.684
33342.820	39464.832	25.297	26.836	29.991
1.018				
4/15/2016 11:45:00 AM	252900.000	20.283	16.877	45.690
33366.789	39494.305	25.317	26.856	29.970
1.018				
4/15/2016 12:00:00 PM	253800.000	20.284	16.877	45.692
33376.070	39505.684	25.326	26.864	29.962
1.018				
4/15/2016 12:15:00 PM	254700.000	20.288	16.878	45.702
33330.914	39451.289	25.287	26.827	30.002
1.018				
4/15/2016 12:30:00 PM	255600.000	20.285	16.877	45.695
33366.504	39493.570	25.317	26.856	29.970
1.018				
4/15/2016 12:45:00 PM	256500.000	20.284	16.874	45.691
33361.996	39491.055	25.315	26.854	29.974
1.018				
4/15/2016 1:00:00 PM	257400.000	20.289	16.873	45.703
33350.434	39478.230	25.306	26.845	29.985
1.018				
4/15/2016 1:15:00 PM	258300.000	20.284	16.874	45.691
33331.738	39455.551	25.290	26.830	30.001
1.018				
4/15/2016 1:30:00 PM	259200.000	20.290	16.874	45.705
33333.715	39457.824	25.291	26.831	30.000
1.018				

4/15/2016 1:45:00 PM	260100.000	20.291	16.872	45.709
33379.309	39513.512	25.331	26.869	29.959
1.018				
4/15/2016 2:00:00 PM	261000.000	20.288	16.874	45.701
33346.156	39472.461	25.302	26.841	29.988
1.018				
4/15/2016 2:15:00 PM	261900.000	20.290	16.874	45.705
33374.574	39506.496	25.326	26.864	29.963
1.018				
4/15/2016 2:30:00 PM	262800.000	20.290	16.876	45.705
33333.742	39456.117	25.290	26.830	30.000
1.018				
4/15/2016 2:45:00 PM	263700.000	20.293	16.873	45.712
33338.949	39465.027	25.297	26.836	29.995
1.018				
4/15/2016 3:00:00 PM	264600.000	20.293	16.872	45.713
33333.195	39458.773	25.292	26.832	30.000
1.018				
4/15/2016 3:15:00 PM	265500.000	20.295	16.873	45.716
33327.590	39451.742	25.287	26.827	30.005
1.018				
4/15/2016 3:30:00 PM	266400.000	20.291	16.873	45.708
33349.742	39477.965	25.306	26.845	29.985
1.018				
4/15/2016 3:45:00 PM	267300.000	20.298	16.872	45.723
33369.465	39502.172	25.323	26.861	29.968
1.018				
4/15/2016 4:00:00 PM	268200.000	20.291	16.875	45.708
33381.500	39513.207	25.331	26.869	29.957
1.018				
4/15/2016 4:15:00 PM	269100.000	20.293	16.875	45.712
33357.746	39485.629	25.311	26.850	29.978
1.018				
4/15/2016 4:30:00 PM	270000.000	20.297	16.874	45.721
33349.047	39476.344	25.305	26.844	29.986
1.018				
4/15/2016 4:45:00 PM	270900.000	20.295	16.872	45.717
33330.324	39455.910	25.290	26.830	30.003
1.018				
4/15/2016 5:00:00 PM	271800.000	20.293	16.875	45.712
33361.242	39489.922	25.314	26.853	29.975
1.018				
4/15/2016 5:15:00 PM	272700.000	20.295	16.874	45.717
33360.375	39489.449	25.314	26.853	29.976
1.018				
4/15/2016 5:30:00 PM	273600.000	20.295	16.875	45.716
33347.699	39473.273	25.302	26.842	29.987
1.018				
4/15/2016 5:45:00 PM	274500.000	20.300	16.876	45.728
33378.176	39508.871	25.328	26.866	29.960
1.018				
4/15/2016 6:00:00 PM	275400.000	20.297	16.876	45.720
33351.629	39477.219	25.305	26.845	29.984
1.018				

4/15/2016 6:15:00 PM	276300.000	20.302	16.874	45.733
33352.559	39480.195	25.307	26.847	29.983
1.018				
4/15/2016 6:30:00 PM	277200.000	20.296	16.874	45.720
33368.492	39498.988	25.321	26.859	29.968
1.018				
4/15/2016 6:45:00 PM	278100.000	20.305	16.874	45.738
33363.750	39493.133	25.317	26.855	29.973
1.018				
4/15/2016 7:00:00 PM	279000.000	20.300	16.874	45.728
33352.234	39479.590	25.307	26.846	29.983
1.018				
4/15/2016 7:15:00 PM	279900.000	20.302	16.875	45.731
33376.516	39507.227	25.327	26.865	29.961
1.018				
4/15/2016 7:30:00 PM	280800.000	20.299	16.874	45.725
33323.035	39444.785	25.282	26.822	30.009
1.018				
4/15/2016 7:45:00 PM	281700.000	20.300	16.873	45.728
33336.422	39461.887	25.294	26.834	29.997
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4/15/2016 8:00:00 PM	282600.000	20.304	16.877	45.736
33330.844	39451.668	25.287	26.827	30.002
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4/15/2016 8:15:00 PM	283500.000	20.303	16.877	45.734
33328.570	39448.910	25.285	26.825	30.004
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4/15/2016 8:30:00 PM	284400.000	20.304	16.874	45.738
33363.133	39492.402	25.316	26.855	29.973
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4/15/2016 8:45:00 PM	285300.000	20.305	16.873	45.739
33368.469	39499.500	25.321	26.860	29.968
1.018				
4/15/2016 9:00:00 PM	286200.000	20.302	16.876	45.733
33350.914	39475.977	25.304	26.844	29.984
1.018				
4/15/2016 9:15:00 PM	287100.000	20.300	16.875	45.728
33360.336	39488.539	25.313	26.852	29.976
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4/15/2016 9:30:00 PM	288000.000	20.304	16.876	45.737
33321.898	39442.258	25.281	26.821	30.010
1.018				
4/15/2016 9:45:00 PM	288900.000	20.305	16.874	45.740
33362.523	39492.297	25.316	26.855	29.974
1.018				
4/15/2016 10:00:00 PM	289800.000	20.306	16.876	45.740
33367.363	39496.000	25.319	26.857	29.969
1.018				
4/15/2016 10:15:00 PM	290700.000	20.304	16.876	45.737
33313.852	39432.504	25.274	26.814	30.018
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4/15/2016 10:30:00 PM	291600.000	20.308	16.878	45.747
33336.492	39457.816	25.292	26.831	29.997
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4/15/2016 10:45:00 PM	292500.000	20.307	16.876	45.744
33359.305	39486.535	25.312	26.851	29.977
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4/15/2016 11:00:00 PM	293400.000	20.305	16.877	45.739
33341.602	39464.648	25.296	26.836	29.993
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4/15/2016 11:15:00 PM	294300.000	20.306	16.877	45.740
33333.656	39454.930	25.290	26.829	30.000
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4/15/2016 11:30:00 PM	295200.000	20.308	16.876	45.746
33338.598	39461.711	25.294	26.834	29.995
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4/15/2016 11:45:00 PM	296100.000	20.305	16.877	45.739
33321.402	39440.582	25.279	26.820	30.011
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4/16/2016 12:00:00 AM	297000.000	20.308	16.877	45.745
33370.695	39498.770	25.321	26.859	29.966
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4/16/2016 12:15:00 AM	297900.000	20.311	16.878	45.752
33350.160	39473.832	25.303	26.842	29.985
1.018				
4/16/2016 12:30:00 AM	298800.000	20.310	16.876	45.750
33352.008	39477.359	25.305	26.845	29.983
1.018				
4/16/2016 12:45:00 AM	299700.000	20.310	16.876	45.751
33302.816	39419.289	25.264	26.805	30.027
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4/16/2016 1:00:00 AM	300600.000	20.309	16.876	45.747
33341.469	39465.043	25.297	26.836	29.993
1.018				
4/16/2016 1:15:00 AM	301500.000	20.309	16.876	45.747
33320.969	39440.621	25.279	26.820	30.011
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4/16/2016 1:30:00 AM	302400.000	20.310	16.878	45.750
33352.086	39476.273	25.305	26.844	29.983
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4/16/2016 1:45:00 AM	303300.000	20.310	16.875	45.750
33364.602	39493.207	25.317	26.855	29.972
1.018				
4/16/2016 2:00:00 AM	304200.000	20.314	16.874	45.758
33354.789	39482.375	25.309	26.848	29.981
1.018				
4/16/2016 2:15:00 AM	305100.000	20.315	16.876	45.762
33351.742	39477.352	25.305	26.845	29.983
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4/16/2016 2:30:00 AM	306000.000	20.312	16.878	45.755
33343.348	39465.613	25.297	26.837	29.991
1.018				
4/16/2016 2:45:00 AM	306900.000	20.316	16.874	45.763
33341.211	39466.695	25.298	26.837	29.993
1.018				
4/16/2016 3:00:00 AM	307800.000	20.314	16.877	45.758
33349.922	39474.105	25.303	26.842	29.985
1.018				

4/16/2016 3:15:00 AM	308700.000	20.312	16.876	45.755
33375.926	39506.207	25.326	26.864	29.962
1.018				
4/16/2016 3:30:00 AM	309600.000	20.315	16.875	45.761
33313.023	39432.461	25.274	26.814	30.018
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4/16/2016 3:45:00 AM	310500.000	20.314	16.873	45.759
33374.883	39507.801	25.327	26.865	29.963
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4/16/2016 4:00:00 AM	311400.000	20.316	16.875	45.763
33361.348	39489.586	25.314	26.853	29.975
1.018				
4/16/2016 4:15:00 AM	312300.000	20.316	16.874	45.765
33348.258	39475.344	25.304	26.843	29.987
1.018				
4/16/2016 4:30:00 AM	313200.000	20.320	16.874	45.774
33332.555	39456.758	25.291	26.831	30.001
1.018				
4/16/2016 4:45:00 AM	314100.000	20.314	16.877	45.760
33363.262	39490.438	25.315	26.853	29.973
1.018				
4/16/2016 5:00:00 AM	315000.000	20.316	16.876	45.763
33330.684	39452.895	25.288	26.828	30.002
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4/16/2016 5:15:00 AM	315900.000	20.316	16.875	45.765
33352.344	39479.078	25.307	26.846	29.983
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4/16/2016 5:30:00 AM	316800.000	20.316	16.876	45.765
33326.875	39447.836	25.284	26.825	30.006
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4/16/2016 5:45:00 AM	317700.000	20.316	16.876	45.763
33316.926	39435.836	25.276	26.816	30.015
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4/16/2016 6:00:00 AM	318600.000	20.316	16.878	45.763
33345.949	39468.465	25.299	26.839	29.989
1.018				
4/16/2016 6:15:00 AM	319500.000	20.320	16.875	45.772
33304.559	39422.516	25.266	26.807	30.026
1.018				
4/16/2016 6:30:00 AM	320400.000	20.317	16.875	45.767
33327.164	39449.586	25.286	26.826	30.006
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4/16/2016 6:45:00 AM	321300.000	20.318	16.876	45.768
33321.738	39442.234	25.280	26.821	30.010
1.018				
4/16/2016 7:00:00 AM	322200.000	20.322	16.878	45.777
33332.371	39453.016	25.288	26.828	30.001
1.018				
4/16/2016 7:15:00 AM	323100.000	20.317	16.880	45.767
33313.383	39428.816	25.271	26.812	30.018
1.018				
4/16/2016 7:30:00 AM	324000.000	20.316	16.876	45.764
33354.031	39480.293	25.307	26.847	29.981
1.018				

4/16/2016 7:45:00 AM	324900.000	20.317	16.880	45.766
33320.133	39436.258	25.276	26.817	30.012
1.018				
4/16/2016 8:00:00 AM	325800.000	20.322	16.879	45.777
33337.645	39458.074	25.292	26.831	29.996
1.018				
4/16/2016 8:15:00 AM	326700.000	20.320	16.879	45.772
33313.883	39430.188	25.272	26.813	30.018
1.018				
4/16/2016 8:30:00 AM	327600.000	20.320	16.877	45.774
33341.250	39463.984	25.296	26.836	29.993
1.018				
4/16/2016 8:45:00 AM	328500.000	20.322	16.877	45.777
33320.430	39439.586	25.279	26.819	30.012
1.018				
4/16/2016 9:00:00 AM	329400.000	20.320	16.880	45.774
33372.609	39498.598	25.321	26.859	29.965
1.018				
4/16/2016 9:15:00 AM	330300.000	20.320	16.880	45.772
33314.125	39429.617	25.272	26.812	30.017
1.018				
4/16/2016 9:30:00 AM	331200.000	20.323	16.876	45.780
33336.461	39459.113	25.292	26.832	29.997
1.018				
4/16/2016 9:45:00 AM	332100.000	20.322	16.878	45.777
33327.473	39446.754	25.284	26.824	30.005
1.018				
4/16/2016 10:00:00 AM	333000.000	20.321	16.878	45.776
33340.992	39462.980	25.295	26.835	29.993
1.018				
4/16/2016 10:15:00 AM	333900.000	20.324	16.879	45.783
33343.859	39465.121	25.297	26.836	29.991
1.018				
4/16/2016 10:30:00 AM	334800.000	20.321	16.877	45.776
33340.566	39463.496	25.296	26.835	29.993
1.018				
4/16/2016 10:45:00 AM	335700.000	20.326	16.877	45.787
33345.348	39468.926	25.299	26.839	29.989
1.018				
4/16/2016 11:00:00 AM	336600.000	20.322	16.876	45.777
33319.395	39438.758	25.278	26.818	30.013
1.018				
4/16/2016 11:15:00 AM	337500.000	20.319	16.874	45.770
33331.574	39455.043	25.290	26.829	30.002
1.018				
4/16/2016 11:30:00 AM	338400.000	20.322	16.874	45.777
33340.023	39465.512	25.297	26.837	29.994
1.018				
4/16/2016 11:45:00 AM	339300.000	20.324	16.875	45.783
33321.469	39442.777	25.281	26.821	30.011
1.018				
4/16/2016 12:00:00 PM	340200.000	20.324	16.872	45.782
33355.668	39485.750	25.311	26.850	29.980
1.018				

4/16/2016 12:15:00 PM	341100.000	20.324	16.873	45.782
33324.332	39447.180	25.284	26.824	30.008
1.018				
4/16/2016 12:30:00 PM	342000.000	20.321	16.874	45.776
33342.965	39468.840	25.299	26.839	29.991
1.018				
4/16/2016 12:45:00 PM	342900.000	20.326	16.873	45.786
33340.906	39467.656	25.298	26.838	29.993
1.018				
4/16/2016 1:00:00 PM	343800.000	20.322	16.873	45.777
33308.262	39428.395	25.271	26.811	30.023
1.018				
4/16/2016 1:15:00 PM	344700.000	20.326	16.873	45.787
33338.367	39463.793	25.296	26.835	29.995
1.018				
4/16/2016 1:30:00 PM	345600.000	20.321	16.875	45.776
33323.680	39444.918	25.282	26.823	30.009
1.018				
4/16/2016 1:45:00 PM	346500.000	20.324	16.878	45.781
33346.766	39469.266	25.300	26.839	29.988
1.018				
4/16/2016 2:00:00 PM	347400.000	20.319	16.878	45.770
33342.473	39464.730	25.297	26.836	29.992
1.018				
4/16/2016 2:15:00 PM	348300.000	20.319	16.875	45.770
33305.629	39423.781	25.267	26.808	30.025
1.018				
4/16/2016 2:30:00 PM	349200.000	20.319	16.871	45.771
33329.969	39456.199	25.290	26.830	30.003
1.018				
4/16/2016 2:45:00 PM	350100.000	20.320	16.867	45.773
33286.504	39408.035	25.256	26.797	30.042
1.018				
4/16/2016 3:00:00 PM	351000.000	20.317	16.868	45.766
33332.641	39461.637	25.294	26.834	30.001
1.018				
4/16/2016 3:15:00 PM	351900.000	20.320	16.870	45.772
33353.945	39484.902	25.310	26.850	29.981
1.018				
4/16/2016 3:30:00 PM	352800.000	20.319	16.876	45.770
33296.297	39411.418	25.259	26.800	30.033
1.018				
4/16/2016 3:45:00 PM	353700.000	20.320	16.873	45.773
33326.527	39450.090	25.286	26.826	30.006
1.018				
4/16/2016 4:00:00 PM	354600.000	20.318	16.872	45.768
33304.258	39424.980	25.268	26.809	30.026
1.018				
4/16/2016 4:15:00 PM	355500.000	20.315	16.869	45.762
33341.922	39471.594	25.301	26.841	29.992
1.018				
4/16/2016 4:30:00 PM	356400.000	20.318	16.869	45.768
33303.770	39426.676	25.269	26.810	30.027
1.018				

4/16/2016 4:45:00 PM	357300.000	20.315	16.871	45.762
33327.934	39454.023	25.289	26.829	30.005
1.018				
4/16/2016 5:00:00 PM	358200.000	20.312	16.869	45.754
33296.613	39418.203	25.263	26.804	30.033
1.018				
4/16/2016 5:15:00 PM	359100.000	20.313	16.873	45.757
33319.539	39441.746	25.280	26.820	30.012
1.018				
4/16/2016 5:30:00 PM	360000.000	20.315	16.872	45.762
33321.969	39445.945	25.283	26.823	30.010
1.018				
4/16/2016 5:45:00 PM	360900.000	20.308	16.874	45.747
33293.148	39409.945	25.258	26.799	30.036
1.018				
4/16/2016 6:00:00 PM	361800.000	20.307	16.872	45.744
33315.094	39437.652	25.277	26.818	30.016
1.018				
4/16/2016 6:15:00 PM	362700.000	20.309	16.873	45.747
33266.629	39379.578	25.236	26.778	30.060
1.018				
4/16/2016 6:30:00 PM	363600.000	20.309	16.871	45.747
33300.707	39421.633	25.266	26.807	30.029
1.018				
4/16/2016 6:45:00 PM	364500.000	20.312	16.872	45.754
33310.266	39432.004	25.273	26.814	30.021
1.018				
4/16/2016 7:00:00 PM	365400.000	20.308	16.871	45.747
33311.535	39433.988	25.274	26.815	30.020
1.018				
4/16/2016 7:15:00 PM	366300.000	20.304	16.872	45.737
33276.883	39392.730	25.245	26.787	30.051
1.018				
4/16/2016 7:30:00 PM	367200.000	20.307	16.871	45.743
33302.273	39423.570	25.267	26.808	30.028
1.018				
4/16/2016 7:45:00 PM	368100.000	20.304	16.872	45.737
33330.578	39456.051	25.290	26.830	30.002
1.018				
4/16/2016 8:00:00 PM	369000.000	20.308	16.872	45.745
33320.816	39444.117	25.282	26.822	30.011
1.018				
4/16/2016 8:15:00 PM	369900.000	20.302	16.875	45.731
33338.891	39463.398	25.295	26.835	29.995
1.018				
4/16/2016 8:30:00 PM	370800.000	20.304	16.875	45.737
33338.219	39462.129	25.295	26.834	29.996
1.018				
4/16/2016 8:45:00 PM	371700.000	20.301	16.871	45.729
33323.344	39448.430	25.285	26.825	30.009
1.018				
4/16/2016 9:00:00 PM	372600.000	20.303	16.872	45.734
33314.195	39436.902	25.277	26.817	30.017
1.018				

4/16/2016 9:15:00 PM 373500.000 20.300 16.873 45.727
33326.180 39449.910 25.286 26.826 30.006
1.018
4/16/2016 9:30:00 PM 374400.000 20.300 16.873 45.728
33299.484 39417.766 25.263 26.804 30.030
1.018
4/16/2016 9:45:00 PM 375300.000 20.300 16.873 45.728
33319.293 39441.758 25.280 26.820 30.013
1.018
4/16/2016 10:00:00 PM 376200.000 20.300 16.874 45.729
33313.109 39433.574 25.274 26.815 30.018
1.018
4/16/2016 10:15:00 PM 377100.000 20.298 16.873 45.723
33311.797 39432.887 25.274 26.814 30.019
1.018
4/16/2016 10:30:00 PM 378000.000 20.295 16.875 45.716
33300.148 39417.375 25.263 26.804 30.030
1.018
4/16/2016 10:45:00 PM 378900.000 20.291 16.874 45.708
33283.543 39398.434 25.249 26.791 30.045
1.018
4/16/2016 11:00:00 PM 379800.000 20.295 16.873 45.717
33321.723 39444.797 25.282 26.822 30.010
1.018
4/16/2016 11:15:00 PM 380700.000 20.293 16.872 45.713
33321.594 39444.949 25.282 26.823 30.011
1.018
4/16/2016 11:30:00 PM 381600.000 20.291 16.873 45.707
33329.500 39453.840 25.289 26.829 30.003
1.018
4/16/2016 11:45:00 PM 382500.000 20.289 16.876 45.704
33317.613 39437.188 25.277 26.817 30.014
1.018
4/17/2016 12:00:00 AM 383400.000 20.293 16.873 45.711
33298.586 39417.410 25.263 26.804 30.031
1.018
4/17/2016 12:15:00 AM 384300.000 20.289 16.875 45.704
33319.523 39440.473 25.279 26.820 30.012
1.018
4/17/2016 12:30:00 AM 385200.000 20.293 16.874 45.712
33301.273 39419.332 25.264 26.805 30.029
1.018
4/17/2016 12:45:00 AM 386100.000 20.289 16.874 45.704
33293.531 39410.563 25.258 26.799 30.036
1.018
4/17/2016 1:00:00 AM 387000.000 20.287 16.872 45.697
33287.777 39404.918 25.254 26.795 30.041
1.018
4/17/2016 1:15:00 AM 387900.000 20.289 16.873 45.703
33326.273 39449.871 25.286 26.826 30.006
1.018
4/17/2016 1:30:00 AM 388800.000 20.288 16.875 45.701
33321.391 39441.977 25.280 26.821 30.011
1.018

4/17/2016 1:45:00 AM	389700.000	20.286	16.872	45.697
33322.129	39445.980	25.283	26.823	30.010
1.018				
4/17/2016 2:00:00 AM	390600.000	20.287	16.874	45.699
33323.238	39445.422	25.283	26.823	30.009
1.018				
4/17/2016 2:15:00 AM	391500.000	20.288	16.874	45.701
33282.664	39397.148	25.248	26.790	30.046
1.018				
4/17/2016 2:30:00 AM	392400.000	20.285	16.875	45.695
33323.801	39444.910	25.282	26.823	30.009
1.018				
4/17/2016 2:45:00 AM	393300.000	20.291	16.874	45.707
33306.406	39425.410	25.268	26.809	30.024
1.018				
4/17/2016 3:00:00 AM	394200.000	20.286	16.872	45.696
33300.949	39420.676	25.265	26.806	30.029
1.018				
4/17/2016 3:15:00 AM	395100.000	20.285	16.875	45.693
33330.984	39454.039	25.289	26.829	30.002
1.018				
4/17/2016 3:30:00 AM	396000.000	20.285	16.871	45.694
33300.984	39421.500	25.266	26.807	30.029
1.018				
4/17/2016 3:45:00 AM	396900.000	20.286	16.874	45.696
33309.453	39428.711	25.271	26.812	30.022
1.018				
4/17/2016 4:00:00 AM	397800.000	20.286	16.872	45.696
33287.059	39403.996	25.253	26.795	30.042
1.018				
4/17/2016 4:15:00 AM	398700.000	20.280	16.873	45.683
33284.953	39401.270	25.251	26.793	30.044
1.018				
4/17/2016 4:30:00 AM	399600.000	20.281	16.872	45.684
33290.918	39408.727	25.257	26.798	30.038
1.018				
4/17/2016 4:45:00 AM	400500.000	20.283	16.872	45.690
33271.656	39385.926	25.240	26.782	30.056
1.018				
4/17/2016 5:00:00 AM	401400.000	20.280	16.873	45.683
33329.875	39454.055	25.289	26.829	30.003
1.018				
4/17/2016 5:15:00 AM	402300.000	20.281	16.873	45.685
33311.836	39432.625	25.274	26.814	30.019
1.018				
4/17/2016 5:30:00 AM	403200.000	20.283	16.873	45.690
33310.426	39431.262	25.273	26.813	30.021
1.018				
4/17/2016 5:45:00 AM	404100.000	20.281	16.872	45.685
33316.848	39439.727	25.279	26.819	30.015
1.018				
4/17/2016 6:00:00 AM	405000.000	20.281	16.873	45.684
33307.719	39427.828	25.270	26.811	30.023
1.018				

4/17/2016 6:15:00 AM	405900.000	20.277	16.873	45.676
33296.180	39414.094	25.260	26.802	30.033
1.018				
4/17/2016 6:30:00 AM	406800.000	20.276	16.873	45.674
33289.797	39407.078	25.255	26.797	30.039
1.018				
4/17/2016 6:45:00 AM	407700.000	20.276	16.872	45.674
33302.836	39422.984	25.267	26.808	30.027
1.018				
4/17/2016 7:00:00 AM	408600.000	20.275	16.874	45.670
33296.258	39413.707	25.260	26.801	30.033
1.018				
4/17/2016 7:15:00 AM	409500.000	20.272	16.872	45.664
33294.223	39412.863	25.260	26.801	30.035
1.018				
4/17/2016 7:30:00 AM	410400.000	20.277	16.875	45.675
33301.824	39419.129	25.264	26.805	30.028
1.018				
4/17/2016 7:45:00 AM	411300.000	20.274	16.874	45.669
33281.848	39396.184	25.248	26.789	30.046
1.018				
4/17/2016 8:00:00 AM	412200.000	20.274	16.873	45.670
33309.238	39429.387	25.271	26.812	30.022
1.018				
4/17/2016 8:15:00 AM	413100.000	20.276	16.876	45.673
33263.969	39373.457	25.232	26.774	30.063
1.018				
4/17/2016 8:30:00 AM	414000.000	20.275	16.875	45.672
33315.504	39435.715	25.276	26.816	30.016
1.018				
4/17/2016 8:45:00 AM	414900.000	20.275	16.874	45.670
33302.566	39420.707	25.265	26.806	30.028
1.018				
4/17/2016 9:00:00 AM	415800.000	20.273	16.876	45.667
33313.496	39432.477	25.274	26.814	30.018
1.018				
4/17/2016 9:15:00 AM	416700.000	20.272	16.876	45.664
33313.078	39431.898	25.273	26.814	30.018
1.018				
4/17/2016 9:30:00 AM	417600.000	20.269	16.872	45.659
33268.504	39382.105	25.238	26.780	30.058
1.018				
4/17/2016 9:45:00 AM	418500.000	20.271	16.874	45.662
33291.141	39407.340	25.256	26.797	30.038
1.018				
4/17/2016 10:00:00 AM	419400.000	20.270	16.875	45.660
33291.844	39407.465	25.256	26.797	30.037
1.018				
4/17/2016 10:15:00 AM	420300.000	20.270	16.873	45.660
33274.477	39388.164	25.242	26.784	30.053
1.018				
4/17/2016 10:30:00 AM	421200.000	20.269	16.874	45.658
33300.125	39418.063	25.263	26.804	30.030
1.018				

4/17/2016 10:45:00 AM	422100.000	20.267	16.874	45.654
33296.789	39413.957	25.260	26.801	30.033
1.018				
4/17/2016 11:00:00 AM	423000.000	20.266	16.873	45.651
33314.125	39435.254	25.275	26.816	30.017
1.018				
4/17/2016 11:15:00 AM	423900.000	20.264	16.872	45.646
33284.512	39401.219	25.251	26.793	30.044
1.018				
4/17/2016 11:30:00 AM	424800.000	20.265	16.877	45.648
33316.773	39435.410	25.276	26.816	30.015
1.018				
4/17/2016 11:45:00 AM	425700.000	20.268	16.873	45.657
33261.449	39372.816	25.231	26.774	30.065
1.018				
4/17/2016 12:00:00 PM	426600.000	20.265	16.874	45.650
33287.203	39402.371	25.252	26.794	30.042
1.018				
4/17/2016 12:15:00 PM	427500.000	20.267	16.874	45.654
33282.957	39397.738	25.249	26.790	30.045
1.018				
4/17/2016 12:30:00 PM	428400.000	20.266	16.874	45.651
33268.055	39380.320	25.237	26.779	30.059
1.018				
4/17/2016 12:45:00 PM	429300.000	20.265	16.875	45.650
33302.934	39420.902	25.265	26.806	30.027
1.018				
4/17/2016 1:00:00 PM	430200.000	20.265	16.872	45.650
33291.016	39408.918	25.257	26.798	30.038
1.018				
4/17/2016 1:15:00 PM	431100.000	20.266	16.873	45.652
33312.152	39433.617	25.274	26.815	30.019
1.018				
4/17/2016 1:30:00 PM	432000.000	20.262	16.874	45.641
33304.973	39423.941	25.267	26.808	30.026
1.018				
4/17/2016 1:45:00 PM	432900.000	20.265	16.873	45.650
33254.480	39364.730	25.225	26.768	30.071
1.018				
4/17/2016 2:00:00 PM	433800.000	20.263	16.875	45.645
33291.793	39407.328	25.256	26.797	30.037
1.018				
4/17/2016 2:15:00 PM	434700.000	20.263	16.875	45.644
33286.270	39400.945	25.251	26.793	30.042
1.018				
4/17/2016 2:30:00 PM	435600.000	20.260	16.871	45.638
33317.402	39441.324	25.280	26.820	30.014
1.018				
4/17/2016 2:45:00 PM	436500.000	20.263	16.869	45.643
33294.289	39415.836	25.261	26.803	30.035
1.018				
4/17/2016 3:00:00 PM	437400.000	20.259	16.871	45.635
33306.602	39428.066	25.270	26.811	30.024
1.018				

4/17/2016 3:15:00 PM	438300.000	20.262	16.868	45.643
33271.078	39388.672	25.242	26.784	30.056
1.018				
4/17/2016 3:30:00 PM	439200.000	20.259	16.869	45.636
33302.230	39424.695	25.268	26.809	30.028
1.018				
4/17/2016 3:45:00 PM	440100.000	20.263	16.868	45.644
33256.527	39372.227	25.230	26.773	30.069
1.018				
4/17/2016 4:00:00 PM	441000.000	20.258	16.867	45.634
33265.066	39382.730	25.238	26.780	30.062
1.018				
4/17/2016 4:15:00 PM	441900.000	20.261	16.869	45.640
33274.535	39392.371	25.245	26.787	30.053
1.018				
4/17/2016 4:30:00 PM	442800.000	20.261	16.868	45.639
33282.906	39403.070	25.252	26.794	30.045
1.018				
4/17/2016 4:45:00 PM	443700.000	20.258	16.866	45.633
33266.805	39385.570	25.240	26.782	30.060
1.018				
4/17/2016 5:00:00 PM	444600.000	20.258	16.868	45.633
33230.906	39341.582	25.209	26.752	30.092
1.018				
4/17/2016 5:15:00 PM	445500.000	20.259	16.872	45.635
33263.406	39376.465	25.234	26.776	30.063
1.018				
4/17/2016 5:30:00 PM	446400.000	20.262	16.871	45.641
33248.191	39359.004	25.221	26.764	30.077
1.018				
4/17/2016 5:45:00 PM	447300.000	20.257	16.870	45.630
33267.348	39382.621	25.238	26.780	30.060
1.018				
4/17/2016 6:00:00 PM	448200.000	20.258	16.868	45.634
33250.695	39365.324	25.226	26.768	30.075
1.018				
4/17/2016 6:15:00 PM	449100.000	20.257	16.868	45.632
33247.262	39360.945	25.223	26.765	30.078
1.018				
4/17/2016 6:30:00 PM	450000.000	20.256	16.869	45.629
33270.430	39387.203	25.241	26.783	30.057
1.018				
4/17/2016 6:45:00 PM	450900.000	20.261	16.870	45.639
33287.719	39406.809	25.255	26.797	30.041
1.018				
4/17/2016 7:00:00 PM	451800.000	20.255	16.870	45.626
33255.910	39368.914	25.228	26.771	30.070
1.018				
4/17/2016 7:15:00 PM	452700.000	20.253	16.875	45.621
33237.617	39342.895	25.210	26.753	30.086
1.018				
4/17/2016 7:30:00 PM	453600.000	20.255	16.873	45.627
33256.652	39367.844	25.228	26.770	30.069
1.018				

4/17/2016 7:45:00 PM	454500.000	20.253	16.875	45.623
33234.773	39340.223	25.208	26.751	30.089
1.018				
4/17/2016 8:00:00 PM	455400.000	20.254	16.874	45.625
33264.641	39376.199	25.234	26.776	30.062
1.018				
4/17/2016 8:15:00 PM	456300.000	20.254	16.873	45.625
33273.980	39388.195	25.242	26.784	30.054
1.018				
4/17/2016 8:30:00 PM	457200.000	20.250	16.872	45.615
33244.340	39354.051	25.218	26.761	30.080
1.018				
4/17/2016 8:45:00 PM	458100.000	20.248	16.875	45.610
33239.395	39345.535	25.212	26.755	30.085
1.018				
4/17/2016 9:00:00 PM	459000.000	20.252	16.873	45.620
33248.430	39357.793	25.221	26.763	30.077
1.018				
4/17/2016 9:15:00 PM	459900.000	20.248	16.875	45.611
33273.809	39385.656	25.240	26.782	30.054
1.018				
4/17/2016 9:30:00 PM	460800.000	20.253	16.873	45.621
33267.680	39380.512	25.237	26.779	30.059
1.018				
4/17/2016 9:45:00 PM	461700.000	20.247	16.875	45.609
33272.660	39385.066	25.240	26.782	30.055
1.018				
4/17/2016 10:00:00 PM	462600.000	20.247	16.875	45.609
33261.805	39372.063	25.231	26.773	30.065
1.018				
4/17/2016 10:15:00 PM	463500.000	20.255	16.873	45.625
33240.113	39347.641	25.213	26.756	30.084
1.018				
4/17/2016 10:30:00 PM	464400.000	20.251	16.874	45.618
33249.301	39358.121	25.221	26.764	30.076
1.018				
4/17/2016 10:45:00 PM	465300.000	20.248	16.875	45.611
33279.801	39393.289	25.246	26.787	30.048
1.018				
4/17/2016 11:00:00 PM	466200.000	20.252	16.875	45.620
33254.094	39362.703	25.224	26.767	30.071
1.018				
4/17/2016 11:15:00 PM	467100.000	20.246	16.877	45.607
33239.863	39344.461	25.211	26.754	30.084
1.018				
4/17/2016 11:30:00 PM	468000.000	20.248	16.876	45.611
33277.367	39389.168	25.243	26.785	30.050
1.018				
4/17/2016 11:45:00 PM	468900.000	20.245	16.876	45.604
33260.164	39369.109	25.229	26.771	30.066
1.018				
4/18/2016 12:00:00 AM	469800.000	20.246	16.875	45.607
33257.488	39367.043	25.227	26.770	30.068
1.018				

4/18/2016 12:15:00 AM	470700.000	20.247	16.874	45.608
33268.637	39380.930	25.237	26.779	30.058
1.018				
4/18/2016 12:30:00 AM	471600.000	20.247	16.875	45.608
33277.156	39390.160	25.244	26.785	30.051
1.018				
4/18/2016 12:45:00 AM	472500.000	20.247	16.872	45.609
33280.246	39396.094	25.248	26.789	30.048
1.018				
4/18/2016 1:00:00 AM	473400.000	20.249	16.877	45.613
33276.438	39387.129	25.242	26.783	30.051
1.018				
4/18/2016 1:15:00 AM	474300.000	20.248	16.876	45.611
33246.566	39353.324	25.217	26.760	30.078
1.018				
4/18/2016 1:30:00 AM	475200.000	20.242	16.873	45.598
33254.508	39364.766	25.225	26.768	30.071
1.018				
4/18/2016 1:45:00 AM	476100.000	20.244	16.875	45.602
33253.070	39361.418	25.223	26.766	30.072
1.018				
4/18/2016 2:00:00 AM	477000.000	20.246	16.873	45.606
33261.906	39374.063	25.232	26.774	30.064
1.018				
4/18/2016 2:15:00 AM	477900.000	20.251	16.875	45.617
33254.863	39363.461	25.225	26.767	30.071
1.018				
4/18/2016 2:30:00 AM	478800.000	20.248	16.875	45.611
33260.109	39369.438	25.229	26.771	30.066
1.018				
4/18/2016 2:45:00 AM	479700.000	20.245	16.872	45.604
33253.070	39364.000	25.225	26.768	30.072
1.018				
4/18/2016 3:00:00 AM	480600.000	20.249	16.874	45.612
33254.672	39364.324	25.225	26.768	30.071
1.018				
4/18/2016 3:15:00 AM	481500.000	20.247	16.873	45.609
33286.082	39402.055	25.252	26.793	30.043
1.018				
4/18/2016 3:30:00 AM	482400.000	20.247	16.876	45.609
33238.750	39344.074	25.211	26.754	30.085
1.018				
4/18/2016 3:45:00 AM	483300.000	20.246	16.874	45.605
33260.430	39371.215	25.230	26.772	30.066
1.018				
4/18/2016 4:00:00 AM	484200.000	20.244	16.875	45.602
33266.895	39377.625	25.235	26.777	30.060
1.018				
4/18/2016 4:15:00 AM	485100.000	20.245	16.877	45.604
33224.809	39325.855	25.198	26.742	30.098
1.018				
4/18/2016 4:30:00 AM	486000.000	20.244	16.876	45.601
33242.789	39348.461	25.214	26.757	30.082
1.018				

4/18/2016 4:45:00 AM	486900.000	20.240	16.873	45.593
33250.707	39360.266	25.222	26.765	30.075
1.018				
4/18/2016 5:00:00 AM	487800.000	20.244	16.871	45.602
33253.902	39365.609	25.226	26.769	30.072
1.018				
4/18/2016 5:15:00 AM	488700.000	20.242	16.875	45.597
33259.156	39368.852	25.228	26.771	30.067
1.018				
4/18/2016 5:30:00 AM	489600.000	20.245	16.874	45.604
33225.313	39329.648	25.201	26.744	30.098
1.018				
4/18/2016 5:45:00 AM	490500.000	20.241	16.875	45.595
33246.051	39353.184	25.217	26.760	30.079
1.018				
4/18/2016 6:00:00 AM	491400.000	20.243	16.876	45.600
33237.961	39342.902	25.210	26.753	30.086
1.018				
4/18/2016 6:15:00 AM	492300.000	20.242	16.875	45.597
33268.629	39380.297	25.237	26.779	30.058
1.018				
4/18/2016 6:30:00 AM	493200.000	20.243	16.874	45.599
33228.668	39333.848	25.204	26.747	30.094
1.018				
4/18/2016 6:45:00 AM	494100.000	20.248	16.873	45.610
33241.582	39349.844	25.215	26.758	30.083
1.018				
4/18/2016 7:00:00 AM	495000.000	20.241	16.875	45.596
33263.801	39374.039	25.232	26.774	30.063
1.018				
4/18/2016 7:15:00 AM	495900.000	20.241	16.873	45.596
33234.859	39341.727	25.209	26.752	30.089
1.018				
4/18/2016 7:30:00 AM	496800.000	20.240	16.874	45.593
33246.328	39354.137	25.218	26.761	30.079
1.018				
4/18/2016 7:45:00 AM	497700.000	20.240	16.874	45.594
33226.102	39330.121	25.201	26.744	30.097
1.018				
4/18/2016 8:00:00 AM	498600.000	20.238	16.873	45.589
33228.359	39333.648	25.203	26.747	30.095
1.018				
4/18/2016 8:15:00 AM	499500.000	20.238	16.875	45.588
33255.797	39364.875	25.226	26.768	30.070
1.018				
4/18/2016 8:30:00 AM	500400.000	20.240	16.874	45.593
33257.098	39367.352	25.227	26.770	30.069
1.018				
4/18/2016 8:45:00 AM	501300.000	20.237	16.874	45.586
33245.676	39353.980	25.218	26.761	30.079
1.018				
4/18/2016 9:00:00 AM	502200.000	20.240	16.875	45.593
33270.348	39381.945	25.238	26.780	30.057
1.018				

4/18/2016 9:15:00 AM	503100.000	20.236	16.873	45.585
33239.086	39346.270	25.212	26.755	30.085
1.018				
4/18/2016 9:30:00 AM	504000.000	20.241	16.876	45.595
33244.855	39351.145	25.216	26.759	30.080
1.018				
4/18/2016 9:45:00 AM	504900.000	20.236	16.876	45.585
33232.301	39336.047	25.205	26.749	30.091
1.018				
4/18/2016 10:00:00 AM	505800.000	20.241	16.876	45.594
33229.543	39332.707	25.203	26.746	30.094
1.018				
4/18/2016 10:15:00 AM	506700.000	20.238	16.876	45.589
33239.504	39344.105	25.211	26.754	30.085
1.018				
4/18/2016 10:30:00 AM	507600.000	20.237	16.875	45.586
33247.035	39354.734	25.218	26.761	30.078
1.018				
4/18/2016 10:45:00 AM	508500.000	20.239	16.876	45.590
33202.266	39300.652	25.180	26.724	30.118
1.018				
4/18/2016 11:00:00 AM	509400.000	20.240	16.875	45.591
33241.012	39347.605	25.213	26.756	30.083
1.018				
4/18/2016 11:15:00 AM	510300.000	20.234	16.877	45.580
33231.004	39333.891	25.204	26.747	30.092
1.018				
4/18/2016 11:30:00 AM	511200.000	20.238	16.874	45.588
33242.820	39349.836	25.215	26.758	30.082
1.018				
4/18/2016 11:45:00 AM	512100.000	20.236	16.875	45.585
33236.777	39342.207	25.210	26.753	30.087
1.018				
4/18/2016 12:00:00 PM	513000.000	20.236	16.874	45.585
33251.367	39360.102	25.222	26.765	30.074
1.018				
4/18/2016 12:15:00 PM	513900.000	20.236	16.876	45.584
33223.250	39325.332	25.198	26.741	30.099
1.018				
4/18/2016 12:30:00 PM	514800.000	20.236	16.876	45.583
33248.813	39355.520	25.219	26.762	30.076
1.018				
4/18/2016 12:45:00 PM	515700.000	20.238	16.876	45.589
33186.363	39281.203	25.166	26.711	30.133
1.018				
4/18/2016 1:00:00 PM	516600.000	20.242	16.876	45.598
33245.145	39351.332	25.216	26.759	30.080
1.018				
4/18/2016 1:15:00 PM	517500.000	20.239	16.874	45.591
33235.090	39341.219	25.209	26.752	30.089
1.018				
4/18/2016 1:30:00 PM	518400.000	20.236	16.876	45.584
33243.652	39349.410	25.215	26.758	30.081
1.018				

4/18/2016 1:45:00 PM	519300.000	20.238	16.876	45.588
33202.352	39300.289	25.180	26.724	30.118
1.018				
4/18/2016 2:00:00 PM	520200.000	20.238	16.875	45.588
33248.684	39356.688	25.220	26.763	30.076
1.018				
4/18/2016 2:15:00 PM	521100.000	20.238	16.875	45.589
33202.094	39300.922	25.180	26.725	30.119
1.018				
4/18/2016 2:30:00 PM	522000.000	20.238	16.874	45.589
33211.387	39313.086	25.189	26.733	30.110
1.018				
4/18/2016 2:45:00 PM	522900.000	20.238	16.873	45.588
33232.750	39338.926	25.207	26.750	30.091
1.018				
4/18/2016 3:00:00 PM	523800.000	20.238	16.872	45.588
33248.180	39358.672	25.221	26.764	30.077
1.018				
4/18/2016 3:15:00 PM	524700.000	20.238	16.873	45.588
33216.547	39319.828	25.194	26.737	30.105
1.018				
4/18/2016 3:30:00 PM	525600.000	20.237	16.876	45.586
33210.527	39310.117	25.187	26.731	30.111
1.018				
4/18/2016 3:45:00 PM	526500.000	20.237	16.876	45.586
33236.340	39341.066	25.209	26.752	30.088
1.018				
4/18/2016 4:00:00 PM	527400.000	20.240	16.875	45.593
33230.418	39334.836	25.204	26.748	30.093
1.018				
4/18/2016 4:15:00 PM	528300.000	20.236	16.874	45.585
33224.219	39328.055	25.200	26.743	30.099
1.018				
4/18/2016 4:30:00 PM	529200.000	20.239	16.871	45.591
33240.758	39350.277	25.215	26.758	30.084
1.018				
4/18/2016 4:45:00 PM	530100.000	20.236	16.874	45.584
33229.047	39334.066	25.204	26.747	30.094
1.018				
4/18/2016 5:00:00 PM	531000.000	20.240	16.878	45.591
33239.570	39342.465	25.210	26.753	30.085
1.018				
4/18/2016 5:15:00 PM	531900.000	20.240	16.874	45.594
33230.430	39335.934	25.205	26.748	30.093
1.018				
4/18/2016 5:30:00 PM	532800.000	20.239	16.872	45.591
33221.121	39326.254	25.198	26.742	30.101
1.018				
4/18/2016 5:45:00 PM	533700.000	20.241	16.873	45.595
33187.137	39284.852	25.169	26.714	30.132
1.018				
4/18/2016 6:00:00 PM	534600.000	20.243	16.872	45.599
33220.434	39325.516	25.198	26.741	30.102
1.018				

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33212.953	39314.324	25.190	26.734	30.109
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4/18/2016 6:30:00 PM	536400.000	20.244	16.875	45.601
33212.418	39313.145	25.189	26.733	30.109
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4/18/2016 6:45:00 PM	537300.000	20.244	16.874	45.601
33193.574	39292.004	25.174	26.719	30.126
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4/18/2016 7:00:00 PM	538200.000	20.250	16.874	45.615
33202.184	39302.434	25.181	26.726	30.119
1.018				
4/18/2016 7:15:00 PM	539100.000	20.249	16.874	45.612
33206.926	39308.113	25.185	26.730	30.114
1.018				
4/18/2016 7:30:00 PM	540000.000	20.252	16.873	45.619
33152.277	39243.824	25.140	26.686	30.164
1.018				
4/18/2016 7:45:00 PM	540900.000	20.249	16.875	45.612
33246.961	39353.875	25.218	26.761	30.078
1.018				
4/18/2016 8:00:00 PM	541800.000	20.245	16.875	45.603
33223.543	39326.469	25.198	26.742	30.099
1.018				
4/18/2016 8:15:00 PM	542700.000	20.248	16.875	45.611
33224.664	39327.484	25.199	26.743	30.098
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4/18/2016 8:30:00 PM	543600.000	20.250	16.874	45.615
33193.988	39292.566	25.174	26.719	30.126
1.018				
4/18/2016 8:45:00 PM	544500.000	20.247	16.876	45.609
33243.523	39349.414	25.215	26.758	30.081
1.018				
4/18/2016 9:00:00 PM	545400.000	20.248	16.875	45.610
33185.641	39281.371	25.166	26.711	30.134
1.018				
4/18/2016 9:15:00 PM	546300.000	20.249	16.875	45.613
33192.383	39289.656	25.172	26.717	30.127
1.018				
4/18/2016 9:30:00 PM	547200.000	20.252	16.878	45.619
33227.676	39328.633	25.200	26.743	30.095
1.018				
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33209.414	39306.699	25.185	26.729	30.112
1.018				
4/18/2016 10:00:00 PM	549000.000	20.251	16.877	45.618
33221.371	39322.250	25.196	26.739	30.101
1.018				
4/18/2016 10:15:00 PM	549900.000	20.255	16.876	45.627
33220.203	39321.652	25.195	26.739	30.102
1.018				
4/18/2016 10:30:00 PM	550800.000	20.260	16.879	45.638
33207.605	39304.484	25.183	26.727	30.114
1.018				

4/18/2016 10:45:00 PM	551700.000	20.260	16.877	45.638
33221.641	39322.270	25.196	26.739	30.101
1.018				
4/18/2016 11:00:00 PM	552600.000	20.260	16.878	45.637
33189.352	39283.574	25.168	26.713	30.130
1.018				
4/18/2016 11:15:00 PM	553500.000	20.261	16.876	45.640
33206.320	39305.688	25.184	26.728	30.115
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4/18/2016 11:30:00 PM	554400.000	20.259	16.878	45.636
33189.555	39283.898	25.168	26.713	30.130
1.018				
4/18/2016 11:45:00 PM	555300.000	20.264	16.879	45.647
33175.133	39265.730	25.156	26.701	30.143
1.018				
4/19/2016 12:00:00 AM	556200.000	20.265	16.877	45.650
33207.352	39305.652	25.184	26.728	30.114
1.018				
4/19/2016 12:15:00 AM	557100.000	20.265	16.878	45.649
33162.875	39252.000	25.146	26.691	30.154
1.018				
4/19/2016 12:30:00 AM	558000.000	20.270	16.879	45.661
33191.824	39285.648	25.170	26.714	30.128
1.018				
4/19/2016 12:45:00 AM	558900.000	20.269	16.878	45.658
33212.125	39309.906	25.187	26.731	30.109
1.018				
4/19/2016 1:00:00 AM	559800.000	20.271	16.878	45.662
33196.980	39292.215	25.174	26.719	30.123
1.018				
4/19/2016 1:15:00 AM	560700.000	20.263	16.877	45.643
33162.387	39252.133	25.146	26.691	30.155
1.018				
4/19/2016 1:30:00 AM	561600.000	20.268	16.878	45.657
33179.051	39271.078	25.159	26.704	30.139
1.018				
4/19/2016 1:45:00 AM	562500.000	20.270	16.878	45.661
33180.180	39272.484	25.160	26.705	30.138
1.018				
4/19/2016 2:00:00 AM	563400.000	20.277	16.877	45.675
33176.883	39269.828	25.158	26.703	30.141
1.018				
4/19/2016 2:15:00 AM	564300.000	20.271	16.878	45.664
33204.195	39300.984	25.181	26.725	30.117
1.018				
4/19/2016 2:30:00 AM	565200.000	20.277	16.877	45.677
33200.066	39297.355	25.178	26.722	30.120
1.018				
4/19/2016 2:45:00 AM	566100.000	20.281	16.878	45.685
33237.578	39340.031	25.208	26.751	30.086
1.018				
4/19/2016 3:00:00 AM	567000.000	20.283	16.877	45.690
33194.707	39290.621	25.173	26.718	30.125
1.018				

4/19/2016 3:15:00 AM	567900.000	20.280	16.878	45.683
33203.785	39300.422	25.180	26.724	30.117
1.018				
4/19/2016 3:30:00 AM	568800.000	20.280	16.878	45.683
33235.594	39337.918	25.207	26.750	30.088
1.018				
4/19/2016 3:45:00 AM	569700.000	20.284	16.877	45.691
33164.836	39254.871	25.148	26.693	30.152
1.018				
4/19/2016 4:00:00 AM	570600.000	20.275	16.879	45.671
33187.906	39281.012	25.166	26.711	30.131
1.018				
4/19/2016 4:15:00 AM	571500.000	20.276	16.880	45.674
33209.871	39306.148	25.184	26.728	30.112
1.018				
4/19/2016 4:30:00 AM	572400.000	20.286	16.878	45.697
33222.039	39321.961	25.195	26.739	30.101
1.018				
4/19/2016 4:45:00 AM	573300.000	20.280	16.878	45.682
33154.027	39241.996	25.139	26.685	30.162
1.018				
4/19/2016 5:00:00 AM	574200.000	20.285	16.874	45.695
33188.941	39286.594	25.170	26.715	30.131
1.018				
4/19/2016 5:15:00 AM	575100.000	20.285	16.872	45.695
33197.289	39297.965	25.178	26.723	30.123
1.018				
4/19/2016 5:30:00 AM	576000.000	20.291	16.873	45.708
33217.254	39320.738	25.194	26.738	30.105
1.018				
4/19/2016 5:45:00 AM	576900.000	20.289	16.876	45.702
33140.230	39227.387	25.128	26.675	30.175
1.018				
4/19/2016 6:00:00 AM	577800.000	20.289	16.874	45.703
33207.965	39309.191	25.186	26.730	30.113
1.018				
4/19/2016 6:15:00 AM	578700.000	20.295	16.877	45.717
33154.234	39242.871	25.139	26.685	30.162
1.018				
4/19/2016 6:30:00 AM	579600.000	20.292	16.876	45.710
33183.867	39278.563	25.165	26.709	30.135
1.018				
4/19/2016 6:45:00 AM	580500.000	20.286	16.876	45.697
33127.371	39212.234	25.118	26.664	30.187
1.018				
4/19/2016 7:00:00 AM	581400.000	20.295	16.875	45.717
33210.805	39311.539	25.188	26.732	30.111
1.018				
4/19/2016 7:15:00 AM	582300.000	20.294	16.878	45.714
33186.879	39280.414	25.166	26.711	30.132
1.018				
4/19/2016 7:30:00 AM	583200.000	20.300	16.880	45.728
33155.957	39241.945	25.139	26.685	30.160
1.018				

4/19/2016 7:45:00 AM	584100.000	20.289	16.874	45.702
33204.305	39304.859	25.183	26.727	30.117
1.018				
4/19/2016 8:00:00 AM	585000.000	20.295	16.877	45.716
33142.891	39229.520	25.130	26.676	30.172
1.018				
4/19/2016 8:15:00 AM	585900.000	20.299	16.873	45.725
33161.422	39254.410	25.147	26.693	30.156
1.018				
4/19/2016 8:30:00 AM	586800.000	20.297	16.874	45.720
33163.492	39256.469	25.149	26.694	30.154
1.018				
4/19/2016 8:45:00 AM	587700.000	20.298	16.876	45.722
33167.918	39260.230	25.152	26.697	30.150
1.018				
4/19/2016 9:00:00 AM	588600.000	20.299	16.878	45.725
33154.566	39242.563	25.139	26.685	30.162
1.018				
4/19/2016 9:15:00 AM	589500.000	20.295	16.875	45.717
33142.246	39229.926	25.130	26.676	30.173
1.018				
4/19/2016 9:30:00 AM	590400.000	20.299	16.876	45.726
33168.430	39260.602	25.152	26.697	30.149
1.018				
4/19/2016 9:45:00 AM	591300.000	20.297	16.876	45.722
33138.754	39225.094	25.127	26.673	30.176
1.018				
4/19/2016 10:00:00 AM	592200.000	20.298	16.876	45.723
33180.422	39274.723	25.162	26.707	30.138
1.018				
4/19/2016 10:15:00 AM	593100.000	20.302	16.876	45.733
33160.813	39250.961	25.145	26.691	30.156
1.018				
4/19/2016 10:30:00 AM	594000.000	20.298	16.877	45.724
33175.438	39267.879	25.157	26.702	30.143
1.018				
4/19/2016 10:45:00 AM	594900.000	20.302	16.876	45.731
33149.563	39237.891	25.136	26.682	30.166
1.018				
4/19/2016 11:00:00 AM	595800.000	20.300	16.876	45.728
33199.770	39297.777	25.178	26.722	30.121
1.018				
4/19/2016 11:15:00 AM	596700.000	20.300	16.877	45.727
33174.195	39266.109	25.156	26.701	30.144
1.018				
4/19/2016 11:30:00 AM	597600.000	20.296	16.878	45.719
33178.008	39270.305	25.159	26.704	30.140
1.018				
4/19/2016 11:45:00 AM	598500.000	20.297	16.878	45.720
33177.395	39268.801	25.158	26.703	30.141
1.018				
4/19/2016 12:00:00 PM	599400.000	20.296	16.876	45.718
33166.363	39257.691	25.150	26.695	30.151
1.018				

4/19/2016 12:15:00 PM	600300.000	20.297	16.876	45.721
33143.398	39230.512	25.131	26.677	30.172
1.018				
4/19/2016 12:30:00 PM	601200.000	20.297	16.876	45.722
33165.848	39257.316	25.149	26.695	30.151
1.018				
4/19/2016 12:45:00 PM	602100.000	20.302	16.877	45.733
33164.000	39254.117	25.147	26.693	30.153
1.018				
4/19/2016 1:00:00 PM	603000.000	20.300	16.875	45.727
33189.117	39286.109	25.170	26.715	30.130
1.018				
4/19/2016 1:15:00 PM	603900.000	20.303	16.877	45.734
33178.422	39271.344	25.159	26.705	30.140
1.018				
4/19/2016 1:30:00 PM	604800.000	20.303	16.874	45.735
33118.090	39202.266	25.110	26.658	30.195
1.018				
4/19/2016 1:45:00 PM	605700.000	20.304	16.875	45.737
33113.438	39196.527	25.106	26.654	30.199
1.018				
4/19/2016 2:00:00 PM	606600.000	20.306	16.875	45.740
33143.289	39231.242	25.131	26.677	30.172
1.018				
4/19/2016 2:15:00 PM	607500.000	20.305	16.878	45.738
33128.992	39211.586	25.117	26.664	30.185
1.018				
4/19/2016 2:30:00 PM	608400.000	20.306	16.879	45.741
33149.156	39235.305	25.134	26.680	30.167
1.018				
4/19/2016 2:45:00 PM	609300.000	20.300	16.876	45.728
33188.113	39284.063	25.168	26.713	30.131
1.018				
4/19/2016 3:00:00 PM	610200.000	20.298	16.874	45.724
33121.762	39207.234	25.114	26.661	30.192
1.018				
4/19/2016 3:15:00 PM	611100.000	20.298	16.877	45.723
33127.602	39210.879	25.117	26.663	30.186
1.018				
4/19/2016 3:30:00 PM	612000.000	20.304	16.872	45.737
33150.582	39242.441	25.139	26.685	30.165
1.018				
4/19/2016 3:45:00 PM	612900.000	20.306	16.876	45.741
33169.148	39261.223	25.152	26.698	30.148
1.018				
4/19/2016 4:00:00 PM	613800.000	20.307	16.873	45.743
33135.012	39223.777	25.126	26.672	30.180
1.018				
4/19/2016 4:15:00 PM	614700.000	20.302	16.873	45.731
33147.512	39238.574	25.136	26.682	30.168
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4/19/2016 4:30:00 PM	615600.000	20.308	16.870	45.747
33137.094	39228.258	25.129	26.675	30.178
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4/19/2016 4:45:00 PM	616500.000	20.300	16.870	45.727
33130.910	39221.641	25.124	26.671	30.183
1.018				
4/19/2016 5:00:00 PM	617400.000	20.304	16.870	45.737
33139.855	39231.762	25.131	26.678	30.175
1.018				
4/19/2016 5:15:00 PM	618300.000	20.306	16.870	45.742
33172.852	39270.984	25.159	26.704	30.145
1.018				
4/19/2016 5:30:00 PM	619200.000	20.307	16.870	45.744
33065.414	39143.871	25.069	26.618	30.243
1.018				
4/19/2016 5:45:00 PM	620100.000	20.301	16.871	45.731
33148.938	39242.125	25.138	26.685	30.167
1.018				
4/19/2016 6:00:00 PM	621000.000	20.312	16.868	45.755
33125.547	39217.086	25.121	26.668	30.188
1.018				
4/19/2016 6:15:00 PM	621900.000	20.302	16.868	45.731
33128.332	39220.227	25.123	26.670	30.186
1.018				
4/19/2016 6:30:00 PM	622800.000	20.308	16.870	45.745
33156.582	39251.879	25.145	26.691	30.160
1.018				
4/19/2016 6:45:00 PM	623700.000	20.302	16.873	45.733
33120.246	39205.988	25.113	26.660	30.193
1.018				
4/19/2016 7:00:00 PM	624600.000	20.309	16.873	45.749
33100.602	39182.801	25.097	26.644	30.211
1.018				
4/19/2016 7:15:00 PM	625500.000	20.304	16.874	45.737
33099.441	39180.730	25.095	26.643	30.212
1.018				
4/19/2016 7:30:00 PM	626400.000	20.302	16.873	45.733
33125.250	39212.297	25.117	26.664	30.188
1.018				
4/19/2016 7:45:00 PM	627300.000	20.303	16.874	45.734
33163.770	39256.656	25.149	26.695	30.153
1.018				
4/19/2016 8:00:00 PM	628200.000	20.304	16.875	45.737
33105.539	39187.090	25.100	26.647	30.206
1.018				
4/19/2016 8:15:00 PM	629100.000	20.301	16.875	45.730
33116.133	39199.328	25.108	26.656	30.197
1.018				
4/19/2016 8:30:00 PM	630000.000	20.308	16.876	45.747
33087.340	39164.156	25.084	26.632	30.223
1.018				
4/19/2016 8:45:00 PM	630900.000	20.303	16.876	45.734
33112.469	39194.051	25.105	26.652	30.200
1.018				
4/19/2016 9:00:00 PM	631800.000	20.307	16.876	45.744
33145.121	39233.246	25.132	26.679	30.170
1.018				

4/19/2016 9:15:00 PM 632700.000 20.311 16.874 45.752
33108.973 39191.473 25.103 26.650 30.203
1.018
4/19/2016 9:30:00 PM 633600.000 20.303 16.876 45.734
33115.063 39197.512 25.107 26.654 30.198
1.018
4/19/2016 9:45:00 PM 634500.000 20.303 16.874 45.735
33111.035 39193.840 25.104 26.652 30.201
1.018
4/19/2016 10:00:00 PM 635400.000 20.312 16.875 45.754
33106.859 39188.270 25.101 26.648 30.205
1.018
4/19/2016 10:15:00 PM 636300.000 20.305 16.876 45.740
33130.070 39214.660 25.119 26.666 30.184
1.018
4/19/2016 10:30:00 PM 637200.000 20.311 16.875 45.753
33087.738 39165.637 25.085 26.633 30.223
1.018
4/19/2016 10:45:00 PM 638100.000 20.307 16.877 45.744
33093.645 39171.152 25.088 26.636 30.217
1.018
4/19/2016 11:00:00 PM 639000.000 20.308 16.878 45.746
33112.699 39192.688 25.104 26.651 30.200
1.018
4/19/2016 11:15:00 PM 639900.000 20.306 16.877 45.740
33094.902 39172.645 25.090 26.637 30.216
1.018
4/19/2016 11:30:00 PM 640800.000 20.305 16.879 45.740
33122.215 39203.258 25.111 26.658 30.191
1.018
4/19/2016 11:45:00 PM 641700.000 20.309 16.878 45.747
33107.367 39186.766 25.100 26.647 30.205
1.018
4/20/2016 12:00:00 AM 642600.000 20.312 16.877 45.756
33127.301 39210.902 25.117 26.663 30.187
1.018
4/20/2016 12:15:00 AM 643500.000 20.312 16.877 45.754
33139.141 39225.078 25.127 26.673 30.176
1.018
4/20/2016 12:30:00 AM 644400.000 20.313 16.876 45.757
33103.324 39183.617 25.097 26.645 30.208
1.018
4/20/2016 12:45:00 AM 645300.000 20.310 16.876 45.750
33111.230 39192.273 25.103 26.651 30.201
1.018
4/20/2016 1:00:00 AM 646200.000 20.313 16.877 45.758
33129.156 39212.801 25.118 26.665 30.185
1.018
4/20/2016 1:15:00 AM 647100.000 20.311 16.877 45.752
33132.133 39216.785 25.121 26.667 30.182
1.018
4/20/2016 1:30:00 AM 648000.000 20.311 16.878 45.753
33120.387 39201.559 25.110 26.657 30.193
1.018

4/20/2016 1:45:00 AM	648900.000	20.314	16.876	45.759
33096.965	39175.547	25.092	26.639	30.214
1.018				
4/20/2016 2:00:00 AM	649800.000	20.320	16.876	45.773
33087.719	39165.301	25.084	26.632	30.223
1.018				
4/20/2016 2:15:00 AM	650700.000	20.312	16.878	45.755
33112.301	39192.297	25.104	26.651	30.200
1.018				
4/20/2016 2:30:00 AM	651600.000	20.310	16.877	45.751
33120.523	39202.813	25.111	26.658	30.193
1.018				
4/20/2016 2:45:00 AM	652500.000	20.322	16.876	45.777
33119.086	39201.660	25.110	26.657	30.194
1.018				
4/20/2016 3:00:00 AM	653400.000	20.319	16.877	45.770
33117.406	39198.969	25.108	26.655	30.196
1.018				
4/20/2016 3:15:00 AM	654300.000	20.314	16.876	45.759
33099.730	39179.055	25.094	26.642	30.212
1.018				
4/20/2016 3:30:00 AM	655200.000	20.315	16.875	45.762
33082.020	39159.176	25.080	26.628	30.228
1.018				
4/20/2016 3:45:00 AM	656100.000	20.316	16.876	45.765
33106.477	39187.504	25.100	26.648	30.206
1.018				
4/20/2016 4:00:00 AM	657000.000	20.314	16.877	45.758
33080.066	39155.316	25.077	26.626	30.230
1.018				
4/20/2016 4:15:00 AM	657900.000	20.314	16.875	45.758
33107.031	39188.945	25.101	26.648	30.205
1.018				
4/20/2016 4:30:00 AM	658800.000	20.317	16.875	45.766
33122.031	39206.383	25.113	26.660	30.191
1.018				
4/20/2016 4:45:00 AM	659700.000	20.310	16.876	45.749
33081.320	39157.418	25.079	26.627	30.229
1.018				
4/20/2016 5:00:00 AM	660600.000	20.324	16.875	45.783
33085.355	39163.289	25.083	26.631	30.225
1.018				
4/20/2016 5:15:00 AM	661500.000	20.317	16.872	45.767
33116.453	39202.734	25.111	26.658	30.196
1.018				
4/20/2016 5:30:00 AM	662400.000	20.321	16.871	45.775
33098.402	39181.840	25.096	26.644	30.213
1.018				
4/20/2016 5:45:00 AM	663300.000	20.320	16.871	45.774
33085.938	39166.930	25.085	26.634	30.224
1.018				
4/20/2016 6:00:00 AM	664200.000	20.320	16.870	45.772
33088.449	39170.836	25.088	26.636	30.222
1.018				

4/20/2016 6:15:00 AM	665100.000	20.316	16.870	45.764
33108.816	39195.484	25.105	26.653	30.203
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4/20/2016 6:30:00 AM	666000.000	20.319	16.869	45.770
33093.316	39177.285	25.092	26.641	30.218
1.018				
4/20/2016 6:45:00 AM	666900.000	20.325	16.868	45.783
33100.504	39186.977	25.099	26.647	30.211
1.018				
4/20/2016 7:00:00 AM	667800.000	20.312	16.867	45.754
33056.137	39135.148	25.063	26.612	30.252
1.018				
4/20/2016 7:15:00 AM	668700.000	20.316	16.871	45.763
33082.727	39163.516	25.083	26.631	30.227
1.018				
4/20/2016 7:30:00 AM	669600.000	20.314	16.873	45.760
33069.398	39145.406	25.070	26.619	30.239
1.018				
4/20/2016 7:45:00 AM	670500.000	20.324	16.874	45.781
33091.449	39170.895	25.088	26.636	30.219
1.018				
4/20/2016 8:00:00 AM	671400.000	20.316	16.873	45.764
33103.906	39186.566	25.099	26.647	30.208
1.018				
4/20/2016 8:15:00 AM	672300.000	20.314	16.875	45.759
33082.695	39159.820	25.080	26.629	30.227
1.018				
4/20/2016 8:30:00 AM	673200.000	20.322	16.874	45.777
33098.219	39178.742	25.094	26.642	30.213
1.018				
4/20/2016 8:45:00 AM	674100.000	20.317	16.874	45.767
33084.672	39163.168	25.083	26.631	30.225
1.018				
4/20/2016 9:00:00 AM	675000.000	20.314	16.873	45.760
33058.461	39132.695	25.061	26.610	30.249
1.018				
4/20/2016 9:15:00 AM	675900.000	20.314	16.878	45.760
33072.707	39145.672	25.070	26.619	30.236
1.018				
4/20/2016 9:30:00 AM	676800.000	20.323	16.878	45.780
33040.531	39107.270	25.043	26.593	30.266
1.018				
4/20/2016 9:45:00 AM	677700.000	20.317	16.877	45.766
33062.734	39134.566	25.063	26.612	30.246
1.018				
4/20/2016 10:00:00 AM	678600.000	20.323	16.876	45.780
33053.563	39124.715	25.056	26.605	30.254
1.018				
4/20/2016 10:15:00 AM	679500.000	20.321	16.874	45.775
33085.176	39163.844	25.083	26.631	30.225
1.018				
4/20/2016 10:30:00 AM	680400.000	20.319	16.871	45.770
33062.852	39139.672	25.066	26.615	30.245
1.018				

4/20/2016 10:45:00 AM	681300.000	20.314	16.870	45.758
33080.000	39161.371	25.081	26.630	30.230
1.018				
4/20/2016 11:00:00 AM	682200.000	20.311	16.871	45.753
33063.750	39140.738	25.067	26.616	30.245
1.018				
4/20/2016 11:15:00 AM	683100.000	20.310	16.875	45.750
33046.230	39116.582	25.050	26.599	30.261
1.018				
4/20/2016 11:30:00 AM	684000.000	20.309	16.874	45.747
33061.020	39134.637	25.063	26.612	30.247
1.018				
4/20/2016 11:45:00 AM	684900.000	20.320	16.874	45.772
33061.484	39135.645	25.063	26.612	30.247
1.018				
4/20/2016 12:00:00 PM	685800.000	20.313	16.878	45.757
33064.195	39135.594	25.063	26.612	30.244
1.018				
4/20/2016 12:15:00 PM	686700.000	20.315	16.875	45.762
33082.457	39159.922	25.080	26.629	30.228
1.018				
4/20/2016 12:30:00 PM	687600.000	20.311	16.876	45.753
33051.867	39122.250	25.054	26.603	30.255
1.018				
4/20/2016 12:45:00 PM	688500.000	20.315	16.876	45.760
33074.645	39149.059	25.073	26.621	30.235
1.018				
4/20/2016 1:00:00 PM	689400.000	20.307	16.875	45.743
33077.875	39153.887	25.076	26.625	30.232
1.018				
4/20/2016 1:15:00 PM	690300.000	20.315	16.877	45.761
33115.484	39196.617	25.107	26.654	30.197
1.018				
4/20/2016 1:30:00 PM	691200.000	20.310	16.874	45.750
33038.305	39107.750	25.043	26.593	30.268
1.018				
4/20/2016 1:45:00 PM	692100.000	20.314	16.875	45.760
33053.336	39125.387	25.056	26.605	30.254
1.018				
4/20/2016 2:00:00 PM	693000.000	20.312	16.875	45.756
33040.230	39109.328	25.045	26.594	30.266
1.018				
4/20/2016 2:15:00 PM	693900.000	20.314	16.874	45.759
33062.395	39137.027	25.064	26.613	30.246
1.018				
4/20/2016 2:30:00 PM	694800.000	20.310	16.872	45.749
33053.465	39127.477	25.057	26.607	30.254
1.018				
4/20/2016 2:45:00 PM	695700.000	20.316	16.874	45.764
33067.379	39142.469	25.068	26.617	30.241
1.018				
4/20/2016 3:00:00 PM	696600.000	20.310	16.875	45.750
33049.348	39119.965	25.052	26.602	30.258
1.018				

4/20/2016 3:15:00 PM	697500.000	20.318	16.875	45.768
33069.301	39143.664	25.069	26.618	30.240
1.018				
4/20/2016 3:30:00 PM	698400.000	20.308	16.874	45.747
33070.207	39146.207	25.071	26.619	30.239
1.018				
4/20/2016 3:45:00 PM	699300.000	20.312	16.872	45.755
33064.387	39140.789	25.067	26.616	30.244
1.018				
4/20/2016 4:00:00 PM	700200.000	20.314	16.872	45.759
33042.773	39115.055	25.049	26.598	30.264
1.018				
4/20/2016 4:15:00 PM	701100.000	20.312	16.874	45.755
33048.504	39120.277	25.052	26.602	30.259
1.018				
4/20/2016 4:30:00 PM	702000.000	20.310	16.873	45.751
33038.199	39108.930	25.044	26.594	30.268
1.018				
4/20/2016 4:45:00 PM	702900.000	20.311	16.873	45.753
33043.137	39114.391	25.048	26.598	30.263
1.018				
4/20/2016 5:00:00 PM	703800.000	20.314	16.873	45.759
33058.754	39133.043	25.061	26.610	30.249
1.018				
4/20/2016 5:15:00 PM	704700.000	20.313	16.877	45.757
33075.832	39150.219	25.074	26.622	30.234
1.018				
4/20/2016 5:30:00 PM	705600.000	20.312	16.877	45.754
33022.207	39086.508	25.029	26.579	30.283
1.018				
4/20/2016 5:45:00 PM	706500.000	20.308	16.879	45.745
33015.789	39077.363	25.022	26.573	30.289
1.018				
4/20/2016 6:00:00 PM	707400.000	20.314	16.873	45.759
33042.480	39114.242	25.048	26.598	30.264
1.018				
4/20/2016 6:15:00 PM	708300.000	20.312	16.870	45.755
33006.996	39074.410	25.020	26.571	30.297
1.018				
4/20/2016 6:30:00 PM	709200.000	20.312	16.874	45.755
33036.297	39105.445	25.042	26.592	30.270
1.018				
4/20/2016 6:45:00 PM	710100.000	20.310	16.874	45.750
33047.230	39118.551	25.051	26.601	30.260
1.018				
4/20/2016 7:00:00 PM	711000.000	20.312	16.874	45.754
32958.617	39013.570	24.977	26.529	30.341
1.018				
4/20/2016 7:15:00 PM	711900.000	20.316	16.873	45.764
33024.965	39093.656	25.033	26.584	30.280
1.018				
4/20/2016 7:30:00 PM	712800.000	20.310	16.870	45.750
33045.203	39119.945	25.052	26.602	30.262
1.018				

4/20/2016 7:45:00 PM	713700.000	20.306	16.870	45.742
33037.602	39110.711	25.045	26.595	30.269
1.018				
4/20/2016 8:00:00 PM	714600.000	20.312	16.876	45.756
33011.387	39074.180	25.020	26.570	30.293
1.018				
4/20/2016 8:15:00 PM	715500.000	20.312	16.873	45.754
33044.223	39115.602	25.049	26.599	30.262
1.018				
4/20/2016 8:30:00 PM	716400.000	20.311	16.875	45.752
33021.781	39088.035	25.030	26.580	30.283
1.018				
4/20/2016 8:45:00 PM	717300.000	20.306	16.874	45.742
33028.980	39096.785	25.036	26.586	30.276
1.018				
4/20/2016 9:00:00 PM	718200.000	20.310	16.876	45.750
33062.355	39134.512	25.063	26.611	30.246
1.018				
4/20/2016 9:15:00 PM	719100.000	20.309	16.875	45.749
33025.711	39092.598	25.033	26.583	30.279
1.018				
4/20/2016 9:30:00 PM	720000.000	20.306	16.874	45.742
32993.965	39056.023	25.007	26.558	30.309
1.018				
4/20/2016 9:45:00 PM	720900.000	20.310	16.874	45.749
33001.516	39064.199	25.013	26.564	30.302
1.018				
4/20/2016 10:00:00 PM	721800.000	20.306	16.876	45.740
32999.098	39060.094	25.010	26.561	30.304
1.018				
4/20/2016 10:15:00 PM	722700.000	20.306	16.875	45.742
33034.988	39103.578	25.041	26.590	30.271
1.018				
4/20/2016 10:30:00 PM	723600.000	20.308	16.876	45.746
33043.426	39112.563	25.047	26.597	30.263
1.018				
4/20/2016 10:45:00 PM	724500.000	20.308	16.876	45.745
33029.410	39096.281	25.035	26.585	30.276
1.018				
4/20/2016 11:00:00 PM	725400.000	20.305	16.876	45.739
33056.172	39127.102	25.057	26.606	30.252
1.018				
4/20/2016 11:15:00 PM	726300.000	20.311	16.875	45.753
33051.438	39122.977	25.054	26.604	30.256
1.018				
4/20/2016 11:30:00 PM	727200.000	20.310	16.878	45.750
33052.578	39121.844	25.054	26.603	30.255
1.018				
4/20/2016 11:45:00 PM	728100.000	20.308	16.876	45.745
33043.992	39113.543	25.048	26.597	30.263
1.018				

Report Date: 4/22/2016 8:16:48 AM
Report User Name: KMakar
Report Computer Name: WKST46
Application: WinSitu.exe
Application Version: 5.6.25.0

Log File Properties:
File Name: MPWSP MW-4D Pre Test_2016-04-21_14-28-02-148.wsl
Create Date: 4/21/2016 2:24:53 PM

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

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

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

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

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

TDS Factor: 0.68

Log Notes:

Date and Time	Note
3/13/2015 6:12:00 PM	Used Battery: 3% Used Memory: 6% User Name: nreynolds
3/20/2015 2:49:07 PM	Log Download - Used Battery: 3% Used Memory: 6% User Name: GSSI
3/27/2015 12:53:55 PM	Log Download - Used Battery: 3% Used Memory: 7% User Name: GSSI
4/3/2015 2:51:11 PM	Log Download - Used Battery: 4% Used Memory: 7% User Name: ECrowWillard
4/8/2015 1:53:10 PM	Log Download - Used Battery: 4% Used Memory: 7% User Name: ECrowWillard
4/10/2015 11:29:19 AM	Log Download - Used Battery: 4% Used Memory: 9% User Name: ECrowWillard
4/17/2015 11:35:37 AM	Log Download - Used Battery: 4% Used Memory: 9% User Name: AKieta
4/24/2015 11:18:08 AM	Log Download - Used Battery: 5% Used Memory: 10% User Name: JSobolew
4/30/2015 3:06:21 PM	Log Download - Used Battery: 5% Used Memory: 10% User Name: GSSI
5/7/2015 8:09:16 AM	Log Download - Used Battery: 5% Used Memory: 12% User Name: ECrowWillard Interval - Start Time: 4/30/2015 3:00:00 PM
5/14/2015 4:56:40 PM	Log Download - Used Battery: 6% Used Memory: 12% User Name: BDuarte
5/21/2015 12:10:59 PM	Log Download - Used Battery: 6% Used Memory: 14% User Name: CShaw
5/28/2015 8:24:45 AM	Log Download - Used Battery: 7% Used Memory: 14% User Name: ECrowWillard Interval - Start Time: 5/7/2015 8:00:00 AM
6/4/2015 1:11:43 PM	Log Download - Used Battery: 7% Used Memory: 15% User Name: BDuarte
6/8/2015 7:50:56 AM	Log Download - Used Battery: 7% Used Memory: 15% User Name: BDuarte
6/8/2015 7:51:21 AM	Log Download - Used Battery: 7% Used Memory: 15% User Name: BDuarte Interval - Start Time: 6/4/2015 1:00:00 PM
6/11/2015 7:20:33 AM	Log Download - Used Battery: 7% Used Memory: 15% User Name: BDuarte Interval - Start Time: 6/8/2015 7:45:00 AM
6/17/2015 8:18:07 AM	Log Download - Used Battery: 8% Used Memory: 17% User Name: CShaw Interval - Start Time: 5/21/2015 12:00:00 PM
6/18/2015 9:14:06 AM	Log Download - Used Battery: 8% Used Memory: 17% User Name: CShaw
6/25/2015 9:25:21 AM	Log Download - Used Battery: 8% Used Memory: 17% User Name: BDuarte Interval - Start Time: 6/11/2015 7:15:00 AM
7/2/2015 1:07:51 PM	Log Download - Used Battery: 8% Used Memory: 18% User Name: CShaw
7/9/2015 10:04:53 AM	Log Download - Used Battery: 9% Used Memory: 18% User Name: BDuarte
7/16/2015 1:23:49 PM	Log Download - Used Battery: 9% Used Memory: 20% User Name: CShaw
7/23/2015 5:05:36 PM	Log Download - Used Battery: 10% Used Memory: 20% User Name: KMakar
7/30/2015 11:32:36 AM	Log Download - Used Battery: 10% Used Memory: 21% User Name: BDuarte Interval - Start Time: 7/9/2015 10:00:00 AM
8/6/2015 6:22:24 PM	Log Download - Used Battery: 10% Used Memory: 21% User Name: CShaw Interval - Start Time: 7/1/2015 3:30:00 PM Stop Time: 8/6/2015 5:30:00 PM
8/13/2015 2:04:11 PM	Log Download - Used Battery: 11% Used Memory: 23% User Name: KMakar Interval - Start Time: 7/23/2015 5:00:00 PM
8/20/2015 12:00:21 PM	Log Download - Used Battery: 11% Used Memory: 23% User Name: BDuarte Interval - Start Time: 7/30/2015 11:30:00 AM
8/27/2015 12:42:28 PM	Log Download - Used Battery: 11% Used Memory: 25% User Name: KMakar Interval - Start Time: 8/13/2015 5:15:00 PM Stop Time: 8/27/2015 12:40:00 PM
9/3/2015 6:29:41 PM	Log Download - Used Battery: 12% Used Memory: 26% User Name: CShaw Interval - Start Time: 8/1/2015 5:30:00 PM Stop Time: 9/3/2015 7:15:00 PM
9/10/2015 11:57:05 AM	Log Download - Used Battery: 12% Used Memory: 26% User Name: KMakar Interval - Start Time: 8/10/2015 8:30:00 AM Stop Time: 9/10/2015 11:55:00 AM
9/17/2015 11:20:16 AM	Log Download - Used Battery: 12% Used Memory: 28% User Name: KMakar Interval - Start Time: 9/1/2015 5:30:00 AM Stop Time: 9/17/2015 11:20:00 AM
9/24/2015 6:34:44 PM	Log Download - Used Battery: 13% Used Memory: 28% User Name: CShaw Interval - Start

Time: 9/1/2015 5:30:00 PM Stop Time: 9/24/2015 6:30:00 PM
10/1/2015 2:35:46 PM Log Download - Used Battery: 13% Used Memory: 29% User Name: KMakar Interval - Start Time: 9/15/2015 7:30:00 AM Stop Time: 10/1/2015 2:30:00 PM
10/8/2015 5:13:21 PM Log Download - Used Battery: 13% Used Memory: 29% User Name: CShaw Interval - Start Time: 9/14/2015 5:30:00 PM Stop Time: 10/8/2015 6:00:00 PM
10/15/2015 1:51:13 PM Log Download - Used Battery: 14% Used Memory: 31% User Name: KMakar Interval - Start Time: 9/30/2015 7:30:00 AM Stop Time: 10/15/2015 1:50:00 PM
10/22/2015 5:37:36 PM Log Download - Used Battery: 14% Used Memory: 31% User Name: CShaw Interval - Start Time: 10/1/2015 3:05:00 AM Stop Time: 10/22/2015 6:30:00 PM
10/29/2015 3:55:13 PM Log Download - Used Battery: 15% Used Memory: 32% User Name: KMakar Interval - Start Time: 10/13/2015 6:15:00 AM Stop Time: 10/29/2015 3:50:00 PM
11/5/2015 2:55:45 PM Log Download - Used Battery: 15% Used Memory: 32% User Name: KMakar Interval - Start Time: 10/20/2015 7:00:00 AM Stop Time: 11/5/2015 3:00:00 PM
11/12/2015 5:48:20 PM Log Download - Used Battery: 15% Used Memory: 34% User Name: KMakar Interval - Start Time: 10/20/2015 7:00:00 AM Stop Time: 11/5/2015 5:50:00 PM
11/12/2015 5:48:42 PM Log Download - Used Battery: 15% Used Memory: 34% User Name: KMakar Interval - Start Time: 10/20/2015 7:00:00 AM Stop Time: 11/12/2015 5:50:00 PM
11/19/2015 3:51:21 PM Log Download - Used Battery: 16% Used Memory: 34% User Name: KMakar Interval - Start Time: 11/1/2015 7:00:00 AM Stop Time: 11/19/2015 3:50:00 PM
11/29/2015 10:25:59 AM Log Download - Used Battery: 16% Used Memory: 35% User Name: CShaw Interval - Start Time: 11/13/2015 1:00:00 AM Stop Time: 11/29/2015 11:15:00 AM
12/3/2015 11:38:11 AM Log Download - Used Battery: 16% Used Memory: 35% User Name: KMakar Interval - Start Time: 11/18/2015 7:00:00 AM Stop Time: 12/3/2015 11:35:00 AM
12/10/2015 4:06:30 PM Log Download - Used Battery: 17% Used Memory: 37% User Name: CShaw Interval - Start Time: 10/13/2015 1:00:00 AM Stop Time: 12/10/2015 4:45:00 PM
12/17/2015 1:16:47 PM Log Download - Used Battery: 17% Used Memory: 37% User Name: KMakar Interval - Start Time: 12/1/2015 12:00:00 PM Stop Time: 12/17/2015 1:15:00 PM
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: 868
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
Date and Time	Elapsed Time Seconds	SN#: 392547 Pressure (PSI)	SN#: 392547 Temperature (C)	SN#: 392547 Depth (ft)	SN#: 392547 Actual Conductivity (µS)	SN#: 392547 Specific Conductivity (µS)	SN#: 392547 Salinity (PSU)	SN#: 392547 Total Dissolved Solids (ppt)	SN#: 392547 Resistivity (ohm-cm)	SN#: 392547 Water Density (g/cm3)
4/14/2016 12:00:00 AM	124200.000	120.718	20.375	271.929	37453.012	41081.715	26.590	27.936	26.700	1.018
4/14/2016 12:15:00 AM	125100.000	120.736	20.375	271.969	37436.441	41064.289	26.578	27.924	26.712	1.018
4/14/2016 12:30:00 AM	126000.000	120.722	20.373	271.939	37462.785	41094.238	26.599	27.944	26.693	1.018
4/14/2016 12:45:00 AM	126900.000	120.723	20.374	271.941	37414.180	41040.629	26.561	27.908	26.728	1.018
4/14/2016 1:00:00 AM	127800.000	120.720	20.376	271.933	37442.441	41069.738	26.582	27.927	26.708	1.018
4/14/2016 1:15:00 AM	128700.000	120.741	20.374	271.982	37400.750	41025.969	26.550	27.898	26.737	1.018
4/14/2016 1:30:00 AM	129600.000	120.728	20.376	271.952	37415.629	41040.637	26.561	27.908	26.727	1.018
4/14/2016 1:45:00 AM	130500.000	120.741	20.375	271.980	37437.027	41064.332	26.578	27.924	26.712	

1.018
4/14/2016 2:00:00 AM 131400.000 120.769 20.375 272.043
37432.391 41059.094 26.574 27.920 26.715
1.018
4/14/2016 2:15:00 AM 132300.000 120.748 20.372 271.997
37415.363 41042.977 26.562 27.909 26.727
1.018
4/14/2016 2:30:00 AM 133200.000 120.769 20.374 272.044
37476.746 41109.109 26.610 27.954 26.683
1.018
4/14/2016 2:45:00 AM 134100.000 120.795 20.372 272.103
37430.215 41059.266 26.574 27.920 26.716
1.018
4/14/2016 3:00:00 AM 135000.000 120.807 20.371 272.129
37433.418 41063.695 26.577 27.923 26.714
1.018
4/14/2016 3:15:00 AM 135900.000 120.801 20.373 272.116
37395.762 41021.094 26.547 27.894 26.741
1.018
4/14/2016 3:30:00 AM 136800.000 120.804 20.374 272.122
37425.934 41053.664 26.570 27.916 26.719
1.018
4/14/2016 3:45:00 AM 137700.000 120.850 20.376 272.226
37450.441 41078.059 26.588 27.933 26.702
1.018
4/14/2016 4:00:00 AM 138600.000 120.841 20.377 272.205
37462.105 41090.258 26.596 27.941 26.694
1.018
4/14/2016 4:15:00 AM 139500.000 120.846 20.376 272.218
37471.977 41102.367 26.605 27.950 26.687
1.018
4/14/2016 4:30:00 AM 140400.000 120.884 20.375 272.303
37453.363 41082.633 26.591 27.936 26.700
1.018
4/14/2016 4:45:00 AM 141300.000 120.873 20.376 272.277
37440.301 41067.699 26.580 27.926 26.709
1.018
4/14/2016 5:00:00 AM 142200.000 120.903 20.372 272.346
37465.734 41098.988 26.602 27.947 26.691
1.018
4/14/2016 5:15:00 AM 143100.000 120.912 20.371 272.367
37450.527 41082.535 26.591 27.936 26.702
1.018
4/14/2016 5:30:00 AM 144000.000 120.894 20.372 272.326
37461.816 41094.086 26.599 27.944 26.694
1.018
4/14/2016 5:45:00 AM 144900.000 120.891 20.375 272.319
37416.410 41042.098 26.562 27.909 26.726
1.018
4/14/2016 6:00:00 AM 145800.000 120.895 20.377 272.328
37451.293 41078.477 26.588 27.933 26.701
1.018
4/14/2016 6:15:00 AM 146700.000 120.895 20.376 272.328
37445.262 41072.535 26.584 27.929 26.706
1.018

4/14/2016 6:30:00 AM 147600.000 120.897 20.371 272.332
37462.316 41095.684 26.600 27.945 26.693
1.018
4/14/2016 6:45:00 AM 148500.000 120.893 20.377 272.322
37473.563 41102.902 26.605 27.950 26.685
1.018
4/14/2016 7:00:00 AM 149400.000 120.883 20.377 272.300
37472.262 41101.852 26.605 27.949 26.686
1.018
4/14/2016 7:15:00 AM 150300.000 120.867 20.376 272.264
37409.980 41034.293 26.556 27.903 26.731
1.018
4/14/2016 7:30:00 AM 151200.000 120.858 20.376 272.243
37465.453 41094.906 26.600 27.945 26.691
1.018
4/14/2016 7:45:00 AM 152100.000 120.843 20.377 272.211
37469.898 41098.582 26.602 27.947 26.688
1.018
4/14/2016 8:00:00 AM 153000.000 120.841 20.374 272.205
37413.207 41039.633 26.560 27.907 26.729
1.018
4/14/2016 8:15:00 AM 153900.000 120.808 20.374 272.132
37426.406 41053.961 26.570 27.917 26.719
1.018
4/14/2016 8:30:00 AM 154800.000 120.793 20.373 272.099
37416.273 41043.672 26.563 27.910 26.726
1.018
4/14/2016 8:45:00 AM 155700.000 120.800 20.374 272.114
37433.551 41061.875 26.576 27.922 26.714
1.018
4/14/2016 9:00:00 AM 156600.000 120.748 20.376 271.997
37415.723 41040.664 26.561 27.908 26.727
1.018
4/14/2016 9:15:00 AM 157500.000 120.735 20.376 271.967
37436.793 41063.852 26.577 27.923 26.712
1.018
4/14/2016 9:30:00 AM 158400.000 120.715 20.372 271.921
37459.840 41091.988 26.597 27.943 26.695
1.018
4/14/2016 9:45:00 AM 159300.000 120.683 20.375 271.850
37434.031 41061.570 26.576 27.922 26.714
1.018
4/14/2016 10:00:00 AM 160200.000 120.654 20.378 271.785
37460.168 41087.680 26.595 27.940 26.695
1.018
4/14/2016 10:15:00 AM 161100.000 120.644 20.378 271.763
37433.871 41058.461 26.574 27.920 26.714
1.018
4/14/2016 10:30:00 AM 162000.000 120.644 20.376 271.764
37452.395 41080.813 26.590 27.935 26.701
1.018
4/14/2016 10:45:00 AM 162900.000 120.623 20.377 271.716
37437.027 41063.133 26.577 27.923 26.712
1.018
4/14/2016 11:00:00 AM 163800.000 120.602 20.380 271.668

37418.871	41040.730	26.561	27.908	26.724
1.018				
4/14/2016 11:15:00 AM	164700.000	120.578	20.380	271.614
37439.426	41063.133	26.577	27.923	26.710
1.018				
4/14/2016 11:30:00 AM	165600.000	120.557	20.378	271.567
37450.449	41077.020	26.587	27.932	26.702
1.018				
4/14/2016 11:45:00 AM	166500.000	120.512	20.375	271.466
37443.211	41071.035	26.583	27.928	26.707
1.018				
4/14/2016 12:00:00 PM	167400.000	120.502	20.376	271.443
37429.590	41055.871	26.572	27.918	26.717
1.018				
4/14/2016 12:15:00 PM	168300.000	120.491	20.381	271.418
37417.805	41038.203	26.559	27.906	26.725
1.018				
4/14/2016 12:30:00 PM	169200.000	120.500	20.378	271.438
37449.313	41075.324	26.586	27.931	26.703
1.018				
4/14/2016 12:45:00 PM	170100.000	120.466	20.379	271.362
37401.621	41022.113	26.548	27.895	26.737
1.018				
4/14/2016 1:00:00 PM	171000.000	120.482	20.377	271.397
37425.344	41050.172	26.568	27.914	26.720
1.018				
4/14/2016 1:15:00 PM	171900.000	120.483	20.380	271.401
37450.004	41074.281	26.585	27.931	26.702
1.018				
4/14/2016 1:30:00 PM	172800.000	120.446	20.381	271.316
37433.305	41055.352	26.571	27.918	26.714
1.018				
4/14/2016 1:45:00 PM	173700.000	120.473	20.377	271.377
37411.695	41034.820	26.557	27.904	26.730
1.018				
4/14/2016 2:00:00 PM	174600.000	120.452	20.376	271.331
37403.125	41026.613	26.551	27.898	26.736
1.018				
4/14/2016 2:15:00 PM	175500.000	120.480	20.380	271.392
37436.598	41059.648	26.575	27.921	26.712
1.018				
4/14/2016 2:30:00 PM	176400.000	120.465	20.377	271.359
37435.742	41061.418	26.576	27.922	26.712
1.018				
4/14/2016 2:45:00 PM	177300.000	120.484	20.374	271.401
37394.555	41018.414	26.545	27.893	26.742
1.018				
4/14/2016 3:00:00 PM	178200.000	120.489	20.375	271.412
37392.621	41015.473	26.543	27.891	26.743
1.018				
4/14/2016 3:15:00 PM	179100.000	120.523	20.376	271.489
37445.902	41073.082	26.584	27.930	26.705
1.018				
4/14/2016 3:30:00 PM	180000.000	120.544	20.376	271.536
37410.258	41034.141	26.556	27.903	26.731

1.018
4/14/2016 3:45:00 PM 180900.000 120.529 20.375 271.504
37401.594 41025.992 26.550 27.898 26.737
1.018
4/14/2016 4:00:00 PM 181800.000 120.554 20.377 271.560
37421.313 41046.039 26.565 27.911 26.723
1.018
4/14/2016 4:15:00 PM 182700.000 120.566 20.375 271.588
37415.832 41041.609 26.561 27.908 26.727
1.018
4/14/2016 4:30:00 PM 183600.000 120.584 20.374 271.626
37445.488 41074.449 26.585 27.931 26.705
1.018
4/14/2016 4:45:00 PM 184500.000 120.611 20.374 271.688
37430.191 41057.504 26.573 27.919 26.716
1.018
4/14/2016 5:00:00 PM 185400.000 120.627 20.376 271.725
37283.293 40895.027 26.456 27.809 26.822
1.018
4/14/2016 5:15:00 PM 186300.000 120.643 20.376 271.759
37404.402 41027.941 26.552 27.899 26.735
1.018
4/14/2016 5:30:00 PM 187200.000 120.683 20.374 271.850
37421.543 41048.020 26.566 27.913 26.723
1.018
4/14/2016 5:45:00 PM 188100.000 120.713 20.371 271.919
37416.391 41045.305 26.564 27.911 26.726
1.018
4/14/2016 6:00:00 PM 189000.000 120.724 20.372 271.943
37419.051 41047.395 26.565 27.912 26.724
1.018
4/14/2016 6:15:00 PM 189900.000 120.736 20.374 271.969
37427.813 41055.348 26.571 27.918 26.718
1.018
4/14/2016 6:30:00 PM 190800.000 120.738 20.374 271.974
37422.285 41049.066 26.567 27.913 26.722
1.018
4/14/2016 6:45:00 PM 191700.000 120.753 20.374 272.008
37436.207 41064.711 26.578 27.924 26.712
1.018
4/14/2016 7:00:00 PM 192600.000 120.792 20.375 272.096
37439.875 41068.055 26.580 27.926 26.709
1.018
4/14/2016 7:15:00 PM 193500.000 120.795 20.373 272.103
37400.133 41026.047 26.550 27.898 26.738
1.018
4/14/2016 7:30:00 PM 194400.000 120.786 20.370 272.082
37432.059 41063.555 26.577 27.923 26.715
1.018
4/14/2016 7:45:00 PM 195300.000 120.814 20.370 272.145
37433.090 41064.688 26.578 27.924 26.714
1.018
4/14/2016 8:00:00 PM 196200.000 120.797 20.373 272.106
37466.980 41098.922 26.602 27.947 26.690
1.018

4/14/2016 8:15:00 PM 197100.000 120.793 20.374 272.099
37453.859 41084.297 26.592 27.937 26.700
1.018
4/14/2016 8:30:00 PM 198000.000 120.826 20.375 272.171
37438.438 41066.109 26.579 27.925 26.711
1.018
4/14/2016 8:45:00 PM 198900.000 120.811 20.374 272.139
37429.863 41057.453 26.573 27.919 26.717
1.018
4/14/2016 9:00:00 PM 199800.000 120.800 20.374 272.114
37431.367 41059.102 26.574 27.920 26.716
1.018
4/14/2016 9:15:00 PM 200700.000 120.799 20.377 272.112
37442.957 41069.707 26.582 27.927 26.707
1.018
4/14/2016 9:30:00 PM 201600.000 120.801 20.379 272.116
37464.602 41091.793 26.598 27.942 26.692
1.018
4/14/2016 9:45:00 PM 202500.000 120.817 20.376 272.152
37449.762 41077.551 26.587 27.933 26.702
1.018
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1.018
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37447.895 41076.484 26.586 27.932 26.704
1.018
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37466.816 41095.949 26.600 27.945 26.690
1.018
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37462.109 41090.645 26.597 27.942 26.694
1.018
4/14/2016 11:00:00 PM 207000.000 120.781 20.376 272.072
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1.018
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37467.359 41097.602 26.602 27.946 26.690
1.018
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37445.926 41072.965 26.584 27.930 26.705
1.018
4/14/2016 11:45:00 PM 209700.000 120.724 20.378 271.943
37475.465 41104.012 26.606 27.951 26.684
1.018
4/15/2016 12:00:00 AM 210600.000 120.720 20.379 271.933
37439.461 41064.066 26.578 27.924 26.710
1.018
4/15/2016 12:15:00 AM 211500.000 120.705 20.378 271.901
37473.535 41101.664 26.605 27.949 26.685
1.018
4/15/2016 12:30:00 AM 212400.000 120.709 20.376 271.909
37461.773 41091.102 26.597 27.942 26.694
1.018
4/15/2016 12:45:00 AM 213300.000 120.695 20.374 271.878

37436.898 41065.398 26.578 27.924 26.712
1.018
4/15/2016 1:00:00 AM 214200.000 120.692 20.373 271.871
37443.016 41072.859 26.584 27.930 26.707
1.018
4/15/2016 1:15:00 AM 215100.000 120.687 20.374 271.859
37465.820 41097.125 26.601 27.946 26.691
1.018
4/15/2016 1:30:00 AM 216000.000 120.687 20.375 271.859
37437.711 41065.387 26.578 27.924 26.711
1.018
4/15/2016 1:45:00 AM 216900.000 120.718 20.375 271.929
37426.895 41053.520 26.570 27.916 26.719
1.018
4/15/2016 2:00:00 AM 217800.000 120.715 20.373 271.922
37434.352 41063.734 26.577 27.923 26.713
1.018
4/15/2016 2:15:00 AM 218700.000 120.723 20.374 271.941
37419.711 41046.172 26.565 27.911 26.724
1.018
4/15/2016 2:30:00 AM 219600.000 120.719 20.374 271.931
37423.066 41050.066 26.567 27.914 26.721
1.018
4/15/2016 2:45:00 AM 220500.000 120.706 20.374 271.902
37437.105 41065.254 26.578 27.924 26.711
1.018
4/15/2016 3:00:00 AM 221400.000 120.733 20.375 271.963
37440.266 41068.410 26.581 27.927 26.709
1.018
4/15/2016 3:15:00 AM 222300.000 120.741 20.374 271.982
37436.313 41064.754 26.578 27.924 26.712
1.018
4/15/2016 3:30:00 AM 223200.000 120.733 20.371 271.963
37419.945 41049.059 26.567 27.913 26.724
1.018
4/15/2016 3:45:00 AM 224100.000 120.741 20.369 271.980
37467.176 41102.750 26.605 27.950 26.690
1.018
4/15/2016 4:00:00 AM 225000.000 120.760 20.371 272.024
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1.018
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1.018
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37425.781 41056.512 26.572 27.918 26.720
1.018
4/15/2016 4:45:00 AM 227700.000 120.800 20.370 272.114
37462.832 41096.781 26.601 27.946 26.693
1.018
4/15/2016 5:00:00 AM 228600.000 120.815 20.372 272.147
37420.215 41048.379 26.566 27.913 26.724
1.018
4/15/2016 5:15:00 AM 229500.000 120.816 20.374 272.149
37441.199 41070.340 26.582 27.928 26.709

1.018
4/15/2016 5:30:00 AM 230400.000 120.866 20.374 272.262
37463.340 41094.555 26.599 27.944 26.693
1.018
4/15/2016 5:45:00 AM 231300.000 120.848 20.374 272.221
37430.996 41059.074 26.574 27.920 26.716
1.018
4/15/2016 6:00:00 AM 232200.000 120.873 20.372 272.277
37469.430 41103.043 26.605 27.950 26.688
1.018
4/15/2016 6:15:00 AM 233100.000 120.886 20.372 272.308
37437.461 41067.891 26.580 27.926 26.711
1.018
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37427.563 41057.797 26.573 27.919 26.718
1.018
4/15/2016 6:45:00 AM 234900.000 120.897 20.372 272.333
37460.605 41092.758 26.598 27.943 26.695
1.018
4/15/2016 7:00:00 AM 235800.000 120.895 20.375 272.327
37439.586 41067.664 26.580 27.926 26.710
1.018
4/15/2016 7:15:00 AM 236700.000 120.873 20.372 272.279
37423.309 41052.066 26.569 27.915 26.721
1.018
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37441.516 41069.707 26.582 27.927 26.708
1.018
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37451.059 41079.348 26.589 27.934 26.702
1.018
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37437.758 41062.574 26.577 27.923 26.711
1.018
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37461.082 41091.766 26.597 27.942 26.694
1.018
4/15/2016 8:30:00 AM 241200.000 120.851 20.375 272.228
37460.453 41090.410 26.596 27.941 26.695
1.018
4/15/2016 8:45:00 AM 242100.000 120.863 20.374 272.257
37470.660 41102.504 26.605 27.950 26.688
1.018
4/15/2016 9:00:00 AM 243000.000 120.841 20.372 272.205
37474.254 41107.953 26.609 27.953 26.685
1.018
4/15/2016 9:15:00 AM 243900.000 120.824 20.374 272.167
37475.254 41107.695 26.609 27.953 26.684
1.018
4/15/2016 9:30:00 AM 244800.000 120.819 20.372 272.157
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1.018
4/15/2016 9:45:00 AM 245700.000 120.813 20.372 272.142
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1.018

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1.018
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1.018
4/15/2016 10:30:00 AM 248400.000 120.735 20.373 271.967
37451.320 41082.117 26.590 27.936 26.701
1.018
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37404.270 41031.184 26.554 27.901 26.735
1.018
4/15/2016 11:00:00 AM 250200.000 120.701 20.374 271.890
37420.754 41047.688 26.566 27.912 26.723
1.018
4/15/2016 11:15:00 AM 251100.000 120.694 20.374 271.876
37449.117 41078.801 26.588 27.934 26.703
1.018
4/15/2016 11:30:00 AM 252000.000 120.672 20.374 271.825
37432.715 41060.352 26.575 27.921 26.715
1.018
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1.018
4/15/2016 12:00:00 PM 253800.000 120.633 20.374 271.738
37443.270 41072.609 26.584 27.929 26.707
1.018
4/15/2016 12:15:00 PM 254700.000 120.620 20.375 271.707
37426.613 41053.508 26.570 27.916 26.719
1.018
4/15/2016 12:30:00 PM 255600.000 120.602 20.376 271.667
37433.543 41059.523 26.574 27.920 26.714
1.018
4/15/2016 12:45:00 PM 256500.000 120.566 20.376 271.588
37430.301 41056.652 26.572 27.919 26.716
1.018
4/15/2016 1:00:00 PM 257400.000 120.536 20.378 271.519
37412.465 41035.281 26.557 27.904 26.729
1.018
4/15/2016 1:15:00 PM 258300.000 120.534 20.378 271.514
37429.914 41054.121 26.570 27.917 26.717
1.018
4/15/2016 1:30:00 PM 259200.000 120.524 20.378 271.492
37427.988 41051.938 26.569 27.915 26.718
1.018
4/15/2016 1:45:00 PM 260100.000 120.508 20.377 271.455
37449.375 41076.371 26.586 27.932 26.703
1.018
4/15/2016 2:00:00 PM 261000.000 120.506 20.376 271.451
37414.504 41039.402 26.560 27.907 26.728
1.018
4/15/2016 2:15:00 PM 261900.000 120.488 20.375 271.411
37441.543 41069.133 26.581 27.927 26.708
1.018
4/15/2016 2:30:00 PM 262800.000 120.497 20.377 271.431

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1.018				
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37431.973	41058.789	26.574	27.920	26.715
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4/15/2016 3:00:00 PM	264600.000	120.527	20.378	271.499
37394.758	41016.016	26.543	27.891	26.742
1.018				
4/15/2016 3:15:00 PM	265500.000	120.521	20.376	271.485
37440.875	41067.875	26.580	27.926	26.709
1.018				
4/15/2016 3:30:00 PM	266400.000	120.534	20.375	271.514
37422.398	41048.367	26.566	27.913	26.722
1.018				
4/15/2016 3:45:00 PM	267300.000	120.526	20.374	271.496
37410.621	41036.039	26.557	27.905	26.730
1.018				
4/15/2016 4:00:00 PM	268200.000	120.561	20.376	271.574
37428.406	41054.344	26.571	27.917	26.718
1.018				
4/15/2016 4:15:00 PM	269100.000	120.575	20.373	271.608
37436.160	41065.266	26.578	27.924	26.712
1.018				
4/15/2016 4:30:00 PM	270000.000	120.561	20.372	271.576
37442.031	41072.605	26.584	27.929	26.708
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4/15/2016 4:45:00 PM	270900.000	120.579	20.371	271.616
37407.340	41035.613	26.557	27.904	26.733
1.018				
4/15/2016 5:00:00 PM	271800.000	120.602	20.372	271.668
37420.426	41049.285	26.567	27.914	26.723
1.018				
4/15/2016 5:15:00 PM	272700.000	120.619	20.371	271.706
37459.551	41093.031	26.598	27.943	26.695
1.018				
4/15/2016 5:30:00 PM	273600.000	120.641	20.372	271.756
37435.453	41065.617	26.579	27.925	26.713
1.018				
4/15/2016 5:45:00 PM	274500.000	120.656	20.369	271.790
37416.773	41047.305	26.565	27.912	26.726
1.018				
4/15/2016 6:00:00 PM	275400.000	120.671	20.370	271.822
37431.496	41063.012	26.577	27.923	26.715
1.018				
4/15/2016 6:15:00 PM	276300.000	120.687	20.371	271.859
37438.016	41068.809	26.581	27.927	26.711
1.018				
4/15/2016 6:30:00 PM	277200.000	120.719	20.377	271.931
37464.734	41093.219	26.599	27.943	26.692
1.018				
4/15/2016 6:45:00 PM	278100.000	120.726	20.375	271.946
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1.018				
4/15/2016 7:00:00 PM	279000.000	120.738	20.374	271.974
37431.691	41059.148	26.574	27.920	26.715

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4/15/2016 7:15:00 PM 279900.000 120.763 20.373 272.031
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1.018
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37444.695 41072.520 26.584 27.929 26.706
1.018
4/15/2016 7:45:00 PM 281700.000 120.797 20.375 272.106
37441.625 41069.297 26.581 27.927 26.708
1.018
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37432.266 41061.516 26.576 27.922 26.715
1.018
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37456.164 41089.172 26.595 27.941 26.698
1.018
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37438.000 41068.719 26.581 27.927 26.711
1.018
4/15/2016 8:45:00 PM 285300.000 120.808 20.370 272.132
37435.184 41066.453 26.579 27.925 26.713
1.018
4/15/2016 9:00:00 PM 286200.000 120.810 20.369 272.137
37403.234 41033.055 26.555 27.902 26.736
1.018
4/15/2016 9:15:00 PM 287100.000 120.816 20.372 272.149
37417.922 41046.086 26.565 27.911 26.725
1.018
4/15/2016 9:30:00 PM 288000.000 120.815 20.371 272.147
37433.027 41063.336 26.577 27.923 26.714
1.018
4/15/2016 9:45:00 PM 288900.000 120.828 20.371 272.177
37431.316 41062.133 26.576 27.922 26.716
1.018
4/15/2016 10:00:00 PM 289800.000 120.809 20.371 272.135
37448.250 41080.035 26.589 27.934 26.704
1.018
4/15/2016 10:15:00 PM 290700.000 120.801 20.371 272.116
37430.199 41060.234 26.575 27.921 26.716
1.018
4/15/2016 10:30:00 PM 291600.000 120.775 20.371 272.058
37444.918 41076.309 26.586 27.932 26.706
1.018
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37460.559 41093.008 26.598 27.943 26.695
1.018
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37429.949 41058.977 26.574 27.920 26.717
1.018
4/15/2016 11:15:00 PM 294300.000 120.759 20.371 272.021
37440.336 41071.426 26.583 27.929 26.709
1.018
4/15/2016 11:30:00 PM 295200.000 120.759 20.372 272.021
37446.605 41077.777 26.587 27.933 26.705
1.018

4/15/2016 11:45:00 PM 296100.000 120.736 20.375 271.970
37447.598 41076.078 26.586 27.932 26.704
1.018
4/16/2016 12:00:00 AM 297000.000 120.720 20.376 271.933
37460.352 41089.691 26.596 27.941 26.695
1.018
4/16/2016 12:15:00 AM 297900.000 120.707 20.375 271.905
37477.270 41108.855 26.610 27.954 26.683
1.018
4/16/2016 12:30:00 AM 298800.000 120.722 20.374 271.939
37465.805 41096.570 26.601 27.946 26.691
1.018
4/16/2016 12:45:00 AM 299700.000 120.697 20.375 271.883
37454.211 41083.262 26.591 27.937 26.699
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4/16/2016 1:00:00 AM 300600.000 120.667 20.376 271.814
37466.582 41096.449 26.601 27.946 26.690
1.018
4/16/2016 1:15:00 AM 301500.000 120.660 20.375 271.799
37457.836 41087.754 26.595 27.940 26.697
1.018
4/16/2016 1:30:00 AM 302400.000 120.670 20.373 271.822
37467.137 41099.391 26.603 27.948 26.690
1.018
4/16/2016 1:45:00 AM 303300.000 120.666 20.371 271.811
37420.414 41050.098 26.567 27.914 26.723
1.018
4/16/2016 2:00:00 AM 304200.000 120.635 20.371 271.742
37421.797 41051.313 26.568 27.915 26.722
1.018
4/16/2016 2:15:00 AM 305100.000 120.658 20.370 271.793
37433.215 41064.371 26.578 27.924 26.714
1.018
4/16/2016 2:30:00 AM 306000.000 120.629 20.370 271.728
37430.895 41062.277 26.576 27.922 26.716
1.018
4/16/2016 2:45:00 AM 306900.000 120.630 20.373 271.730
37450.270 41081.043 26.590 27.935 26.702
1.018
4/16/2016 3:00:00 AM 307800.000 120.623 20.371 271.715
37461.109 41094.598 26.599 27.944 26.694
1.018
4/16/2016 3:15:00 AM 308700.000 120.624 20.371 271.717
37454.914 41087.945 26.595 27.940 26.699
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4/16/2016 3:30:00 AM 309600.000 120.635 20.371 271.742
37405.469 41033.180 26.555 27.903 26.734
1.018
4/16/2016 3:45:00 AM 310500.000 120.638 20.373 271.748
37429.855 41058.805 26.574 27.920 26.717
1.018
4/16/2016 4:00:00 AM 311400.000 120.674 20.372 271.831
37429.227 41058.336 26.573 27.920 26.717
1.018
4/16/2016 4:15:00 AM 312300.000 120.656 20.375 271.790

37444.504	41072.762	26.584	27.929	26.706
1.018				
4/16/2016 4:30:00 AM	313200.000	120.646	20.371	271.766
37405.766	41033.887	26.556	27.903	26.734
1.018				
4/16/2016 4:45:00 AM	314100.000	120.660	20.370	271.798
37441.844	41074.289	26.585	27.931	26.708
1.018				
4/16/2016 5:00:00 AM	315000.000	120.682	20.374	271.849
37464.031	41094.789	26.600	27.944	26.692
1.018				
4/16/2016 5:15:00 AM	315900.000	120.717	20.374	271.926
37466.293	41097.555	26.602	27.946	26.691
1.018				
4/16/2016 5:30:00 AM	316800.000	120.737	20.374	271.972
37461.230	41092.383	26.598	27.943	26.694
1.018				
4/16/2016 5:45:00 AM	317700.000	120.723	20.376	271.941
37460.398	41089.742	26.596	27.941	26.695
1.018				
4/16/2016 6:00:00 AM	318600.000	120.737	20.375	271.972
37481.430	41113.563	26.613	27.957	26.680
1.018				
4/16/2016 6:15:00 AM	319500.000	120.756	20.372	272.015
37450.910	41082.574	26.591	27.936	26.702
1.018				
4/16/2016 6:30:00 AM	320400.000	120.757	20.369	272.017
37464.793	41100.223	26.603	27.948	26.692
1.018				
4/16/2016 6:45:00 AM	321300.000	120.766	20.374	272.038
37457.813	41088.410	26.595	27.940	26.697
1.018				
4/16/2016 7:00:00 AM	322200.000	120.814	20.373	272.145
37461.434	41093.441	26.599	27.944	26.694
1.018				
4/16/2016 7:15:00 AM	323100.000	120.814	20.373	272.146
37433.355	41062.488	26.576	27.922	26.714
1.018				
4/16/2016 7:30:00 AM	324000.000	120.797	20.374	272.106
37422.965	41049.813	26.567	27.914	26.722
1.018				
4/16/2016 7:45:00 AM	324900.000	120.831	20.371	272.183
37447.566	41079.742	26.589	27.934	26.704
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4/16/2016 8:00:00 AM	325800.000	120.818	20.371	272.154
37446.645	41078.273	26.588	27.933	26.705
1.018				
4/16/2016 8:15:00 AM	326700.000	120.804	20.373	272.124
37460.504	41091.895	26.597	27.942	26.695
1.018				
4/16/2016 8:30:00 AM	327600.000	120.804	20.370	272.124
37439.941	41071.750	26.583	27.929	26.709
1.018				
4/16/2016 8:45:00 AM	328500.000	120.803	20.376	272.120
37417.078	41041.848	26.562	27.908	26.726

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4/16/2016 9:00:00 AM 329400.000 120.815 20.375 272.147
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1.018
4/16/2016 9:15:00 AM 330300.000 120.827 20.377 272.175
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4/16/2016 9:30:00 AM 331200.000 120.817 20.374 272.152
37478.699 41111.402 26.611 27.956 26.682
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4/16/2016 9:45:00 AM 332100.000 120.809 20.373 272.135
37469.422 41101.750 26.605 27.949 26.688
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4/16/2016 10:00:00 AM 333000.000 120.774 20.376 272.055
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4/16/2016 10:30:00 AM 334800.000 120.754 20.374 272.011
37467.332 41099.004 26.603 27.947 26.690
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4/16/2016 10:45:00 AM 335700.000 120.750 20.377 272.000
37419.781 41044.070 26.563 27.910 26.724
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37447.957 41077.898 26.587 27.933 26.704
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1.018
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37432.070 41055.961 26.572 27.918 26.715
1.018
4/16/2016 12:30:00 PM 342000.000 120.615 20.379 271.697
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1.018
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1.018
4/16/2016 1:15:00 PM 344700.000 120.536 20.376 271.519
37435.516 41061.848 26.576 27.922 26.713
1.018

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37416.543	41042.910	26.562	27.909	26.726
1.018				
4/16/2016 2:00:00 PM	347400.000	120.490	20.375	271.415
37441.668	41069.344	26.581	27.927	26.708
1.018				
4/16/2016 2:15:00 PM	348300.000	120.473	20.376	271.377
37448.117	41075.965	26.586	27.932	26.704
1.018				
4/16/2016 2:30:00 PM	349200.000	120.481	20.379	271.394
37430.398	41054.281	26.571	27.917	26.716
1.018				
4/16/2016 2:45:00 PM	350100.000	120.485	20.376	271.403
37413.703	41037.762	26.559	27.906	26.728
1.018				
4/16/2016 3:00:00 PM	351000.000	120.452	20.375	271.329
37411.336	41036.531	26.558	27.905	26.730
1.018				
4/16/2016 3:15:00 PM	351900.000	120.476	20.377	271.384
37431.008	41056.227	26.572	27.918	26.716
1.018				
4/16/2016 3:30:00 PM	352800.000	120.472	20.376	271.374
37443.953	41071.707	26.583	27.929	26.707
1.018				
4/16/2016 3:45:00 PM	353700.000	120.446	20.374	271.316
37423.574	41050.324	26.568	27.914	26.721
1.018				
4/16/2016 4:00:00 PM	354600.000	120.476	20.376	271.384
37431.859	41058.211	26.573	27.920	26.715
1.018				
4/16/2016 4:15:00 PM	355500.000	120.490	20.374	271.415
37419.633	41046.086	26.565	27.911	26.724
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4/16/2016 4:30:00 PM	356400.000	120.470	20.372	271.370
37458.598	41090.629	26.597	27.942	26.696
1.018				
4/16/2016 4:45:00 PM	357300.000	120.496	20.374	271.428
37437.379	41066.148	26.579	27.925	26.711
1.018				
4/16/2016 5:00:00 PM	358200.000	120.504	20.374	271.448
37407.922	41033.910	26.556	27.903	26.732
1.018				
4/16/2016 5:15:00 PM	359100.000	120.521	20.370	271.485
37456.195	41089.578	26.596	27.941	26.698
1.018				
4/16/2016 5:30:00 PM	360000.000	120.532	20.373	271.509
37431.766	41060.215	26.575	27.921	26.715
1.018				
4/16/2016 5:45:00 PM	360900.000	120.549	20.374	271.549
37427.949	41055.730	26.571	27.918	26.718
1.018				
4/16/2016 6:00:00 PM	361800.000	120.568	20.373	271.591

37447.711	41078.309	26.588	27.933	26.704
1.018				
4/16/2016 6:15:00 PM	362700.000	120.589	20.373	271.639
37452.684	41083.691	26.592	27.937	26.700
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4/16/2016 6:30:00 PM	363600.000	120.602	20.373	271.668
37422.609	41050.094	26.567	27.914	26.722
1.018				
4/16/2016 6:45:00 PM	364500.000	120.629	20.372	271.728
37406.523	41033.652	26.556	27.903	26.733
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37462.828	41096.938	26.601	27.946	26.693
1.018				
4/16/2016 7:15:00 PM	366300.000	120.662	20.373	271.803
37442.008	41072.055	26.583	27.929	26.708
1.018				
4/16/2016 7:30:00 PM	367200.000	120.715	20.375	271.922
37424.773	41051.270	26.568	27.915	26.720
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4/16/2016 7:45:00 PM	368100.000	120.697	20.376	271.882
37442.305	41069.820	26.582	27.927	26.708
1.018				
4/16/2016 8:00:00 PM	369000.000	120.738	20.375	271.974
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1.018				
4/16/2016 8:15:00 PM	369900.000	120.730	20.377	271.957
37453.688	41080.801	26.590	27.935	26.700
1.018				
4/16/2016 8:30:00 PM	370800.000	120.760	20.373	272.023
37438.664	41068.086	26.580	27.926	26.710
1.018				
4/16/2016 8:45:00 PM	371700.000	120.772	20.371	272.051
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1.018				
4/16/2016 9:00:00 PM	372600.000	120.797	20.370	272.106
37451.574	41084.434	26.592	27.937	26.701
1.018				
4/16/2016 9:15:00 PM	373500.000	120.782	20.375	272.073
37458.105	41087.754	26.595	27.940	26.696
1.018				
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37441.707	41072.859	26.584	27.930	26.708
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37432.320	41059.250	26.574	27.920	26.715
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4/16/2016 10:00:00 PM	376200.000	120.797	20.376	272.106
37413.512	41037.789	26.559	27.906	26.728
1.018				
4/16/2016 10:15:00 PM	377100.000	120.775	20.374	272.058
37451.918	41081.715	26.590	27.936	26.701
1.018				
4/16/2016 10:30:00 PM	378000.000	120.804	20.371	272.124
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4/16/2016 10:45:00 PM 378900.000 120.814 20.371 272.145
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4/16/2016 11:00:00 PM 379800.000 120.782 20.372 272.073
37455.742 41087.723 26.594 27.940 26.698
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4/16/2016 11:15:00 PM 380700.000 120.800 20.371 272.114
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4/16/2016 11:45:00 PM 382500.000 120.754 20.373 272.011
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37449.574 41080.957 26.590 27.935 26.703
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4/17/2016 4:30:00 PM 442800.000 120.507 20.374 271.454
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4/17/2016 4:45:00 PM 443700.000 120.511 20.376 271.463
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37420.035 41049.230 26.567 27.913 26.724
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4/17/2016 6:45:00 PM 450900.000 120.606 20.371 271.677
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4/17/2016 7:00:00 PM 451800.000 120.629 20.375 271.728
37448.016 41076.688 26.587 27.932 26.704
1.018
4/17/2016 7:15:00 PM 452700.000 120.638 20.374 271.748
37458.316 41088.520 26.595 27.940 26.696
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4/17/2016 8:00:00 PM 455400.000 120.719 20.376 271.931
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1.018
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1.018
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4/18/2016 3:30:00 AM 482400.000 120.604 20.372 271.672
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4/18/2016 4:00:00 AM 484200.000 120.605 20.377 271.675
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37415.270 41039.121 26.560 27.907 26.727
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37430.457 41058.859 26.574 27.920 26.716
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1.018
4/18/2016 5:15:00 AM 488700.000 120.629 20.373 271.728
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1.018
4/18/2016 5:30:00 AM 489600.000 120.638 20.372 271.748
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1.018
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1.018
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1.018
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1.018

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37438.383 41066.797 26.579 27.925 26.711
1.018
4/18/2016 7:15:00 AM 495900.000 120.732 20.372 271.960
37446.828 41078.168 26.588 27.933 26.705
1.018
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4/18/2016 9:00:00 AM 502200.000 120.809 20.372 272.135
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1.018
4/18/2016 9:15:00 AM 503100.000 120.841 20.375 272.205
37433.602 41060.496 26.575 27.921 26.714
1.018
4/18/2016 9:30:00 AM 504000.000 120.834 20.376 272.190
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1.018
4/18/2016 9:45:00 AM 504900.000 120.845 20.376 272.215
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4/18/2016 10:00:00 AM 505800.000 120.848 20.376 272.221
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1.018
4/18/2016 10:45:00 AM 508500.000 120.864 20.374 272.258
37459.117 41089.543 26.596 27.941 26.696
1.018
4/18/2016 11:00:00 AM 509400.000 120.863 20.376 272.255
37425.383 41051.188 26.568 27.915 26.720
1.018
4/18/2016 11:15:00 AM 510300.000 120.857 20.375 272.241

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37448.219	41080.219	26.589	27.935	26.704
1.018				
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37435.863	41065.164	26.578	27.924	26.712
1.018				
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37449.152	41081.777	26.590	27.936	26.703
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4/18/2016 12:30:00 PM	514800.000	120.786	20.372	272.082
37437.359	41067.406	26.580	27.926	26.711
1.018				
4/18/2016 12:45:00 PM	515700.000	120.760	20.373	272.024
37438.980	41068.660	26.581	27.927	26.710
1.018				
4/18/2016 1:00:00 PM	516600.000	120.753	20.373	272.008
37450.176	41080.488	26.589	27.935	26.702
1.018				
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37441.637	41069.086	26.581	27.927	26.708
1.018				
4/18/2016 1:30:00 PM	518400.000	120.732	20.373	271.962
37444.332	41074.000	26.585	27.930	26.706
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37450.789	41078.895	26.588	27.934	26.702
1.018				
4/18/2016 2:00:00 PM	520200.000	120.666	20.375	271.811
37419.965	41045.918	26.564	27.911	26.724
1.018				
4/18/2016 2:15:00 PM	521100.000	120.651	20.375	271.777
37425.723	41051.930	26.569	27.915	26.720
1.018				
4/18/2016 2:30:00 PM	522000.000	120.655	20.375	271.787
37415.879	41041.660	26.561	27.908	26.727
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4/18/2016 2:45:00 PM	522900.000	120.614	20.374	271.694
37440.789	41069.293	26.581	27.927	26.709
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37444.723	41074.656	26.585	27.931	26.706
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37447.793 41077.121 26.587 27.932 26.704
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37449.090 41079.520 26.589 27.934 26.703
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37415.063 41042.496 26.562 27.909 26.727
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37413.559 41039.258 26.560 27.907 26.728
1.018
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37435.633 41062.270 26.576 27.922 26.713
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4/18/2016 6:30:00 PM 536400.000 120.602 20.373 271.668
37440.488 41069.941 26.582 27.928 26.709
1.018
4/18/2016 6:45:00 PM 537300.000 120.626 20.374 271.723
37431.613 41059.141 26.574 27.920 26.715
1.018
4/18/2016 7:00:00 PM 538200.000 120.644 20.375 271.763
37449.539 41078.438 26.588 27.933 26.703
1.018
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37453.781 41082.559 26.591 27.936 26.700
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37444.605 41072.113 26.583 27.929 26.706
1.018
4/18/2016 9:30:00 PM 547200.000 120.834 20.375 272.190
37468.723 41099.695 26.603 27.948 26.689
1.018
4/18/2016 9:45:00 PM 548100.000 120.836 20.371 272.196
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4/18/2016 10:00:00 PM 549000.000 120.866 20.371 272.262
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37445.910 41076.484 26.586 27.932 26.705
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37447.438 41077.563 26.587 27.933 26.704
1.018
4/19/2016 1:00:00 AM 559800.000 120.765 20.373 272.035

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37428.195	41057.133	26.572	27.919	26.718
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37419.336	41045.453	26.564	27.911	26.724
1.018				
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37457.793	41086.887	26.594	27.939	26.697
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37436.996	41063.996	26.577	27.924	26.712
1.018				
4/19/2016 2:15:00 AM	564300.000	120.678	20.378	271.839
37466.293	41094.477	26.599	27.944	26.691
1.018				
4/19/2016 2:30:00 AM	565200.000	120.654	20.376	271.784
37431.422	41057.578	26.573	27.919	26.716
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37484.188	41117.113	26.616	27.960	26.678
1.018				
4/19/2016 3:00:00 AM	567000.000	120.649	20.372	271.774
37409.668	41036.727	26.558	27.905	26.731
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4/19/2016 3:15:00 AM	567900.000	120.610	20.374	271.685
37421.008	41047.594	26.566	27.912	26.723
1.018				
4/19/2016 3:30:00 AM	568800.000	120.588	20.375	271.637
37447.512	41076.215	26.586	27.932	26.704
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37435.918	41062.891	26.577	27.923	26.712
1.018				
4/19/2016 4:15:00 AM	571500.000	120.539	20.375	271.527
37441.137	41069.293	26.581	27.927	26.709
1.018				
4/19/2016 4:30:00 AM	572400.000	120.557	20.375	271.567
37435.742	41063.520	26.577	27.923	26.712
1.018				
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37452.906	41081.980	26.590	27.936	26.700
1.018				
4/19/2016 5:00:00 AM	574200.000	120.552	20.373	271.555
37433.816	41062.543	26.576	27.923	26.714
1.018				
4/19/2016 5:15:00 AM	575100.000	120.553	20.376	271.557
37437.176	41064.195	26.578	27.924	26.711
1.018				
4/19/2016 5:30:00 AM	576000.000	120.520	20.375	271.484
37453.715	41082.715	26.591	27.936	26.700

1.018
4/19/2016 5:45:00 AM 576900.000 120.548 20.374 271.546
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1.018
4/20/2016 7:30:00 PM 712800.000 120.461 20.373 271.350
37474.211 41106.695 26.608 27.953 26.685
1.018
4/20/2016 7:45:00 PM 713700.000 120.492 20.373 271.421
37403.270 41029.559 26.553 27.900 26.736
1.018
4/20/2016 8:00:00 PM 714600.000 120.485 20.372 271.403
37434.316 41063.918 26.577 27.923 26.713
1.018
4/20/2016 8:15:00 PM 715500.000 120.503 20.372 271.445
37477.355 41111.203 26.611 27.956 26.683
1.018
4/20/2016 8:30:00 PM 716400.000 120.516 20.372 271.474
37432.992 41062.688 26.576 27.923 26.714
1.018
4/20/2016 8:45:00 PM 717300.000 120.557 20.371 271.567
37443.469 41074.938 26.585 27.931 26.707
1.018
4/20/2016 9:00:00 PM 718200.000 120.565 20.374 271.585
37454.367 41084.855 26.592 27.938 26.699
1.018
4/20/2016 9:15:00 PM 719100.000 120.571 20.370 271.598
37464.555 41098.832 26.602 27.947 26.692
1.018
4/20/2016 9:30:00 PM 720000.000 120.602 20.372 271.667
37465.832 41098.715 26.602 27.947 26.691
1.018
4/20/2016 9:45:00 PM 720900.000 120.624 20.374 271.716
37436.172 41064.602 26.578 27.924 26.712
1.018
4/20/2016 10:00:00 PM 721800.000 120.616 20.375 271.700
37445.148 41073.238 26.584 27.930 26.706
1.018
4/20/2016 10:15:00 PM 722700.000 120.625 20.374 271.719
37485.664 41118.516 26.617 27.961 26.677
1.018
4/20/2016 10:30:00 PM 723600.000 120.660 20.375 271.799
37477.895 41109.758 26.610 27.955 26.682
1.018
4/20/2016 10:45:00 PM 724500.000 120.651 20.373 271.779
37461.004 41092.445 26.598 27.943 26.694

1.018

4/20/2016 11:00:00 PM	725400.000	120.686	20.375	271.858
37439.281	41067.332	26.580	27.926	26.710
1.018				
4/20/2016 11:15:00 PM	726300.000	120.687	20.373	271.860
37472.563	41105.270	26.607	27.952	26.686
1.018				
4/20/2016 11:30:00 PM	727200.000	120.674	20.372	271.830
37436.961	41067.344	26.580	27.926	26.712
1.018				
4/20/2016 11:45:00 PM	728100.000	120.673	20.372	271.827
37488.254	41122.934	26.620	27.964	26.675
1.018				

Report Date: 4/22/2016 8:17:33 AM
Report User Name: KMakar
Report Computer Name: WKST46
Application: WinSitu.exe
Application Version: 5.6.25.0

Log File Properties:
File Name: MPWSP MW-4M LT Test_2016-04-21_14-34-20-604-BaroMerge.wsl
Create Date: 4/22/2016 8:12:46 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
4/22/2016 8:12:46 AM User Note: "Pressure & Level adjusted by baro data from: "MPWSP BaroTroll Pre Test_Append_2016-04-21_18-56-38-301.wsl""

Log Data:
Record Count: 2605
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 SN#: 399060	Sensor: PCTD(A) 197.3ft SN#: 399060	Sensor: PCTD(A) 197.3ft SN#: 399060	Sensor: PCTD(A) 197.3ft SN#: 399060	Sensor: PCTD(A) 197.3ft SN#: 399060	Sensor: PCTD(A) 197.3ft SN#: 399060	Sensor: PCTD(A) 197.3ft SN#: 399060	Sensor: PCTD(A) 197.3ft SN#: 399060	Sensor: PCTD(A) 197.3ft SN#: 399060	Sensor: Baro-Adj Calc 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 (ppm)	Resistivity (ohm-cm)	Water Density (g/cm3)	Barometric Pressure (PSI)
4/14/2016 12:00:00 AM	124200.000	73.537	17.981	167.615	28757.303	33209.758	20.951	22582.637	34.774	1.015	14.791
4/14/2016 12:05:00 AM	124500.000	73.541	17.981	167.623	28758.900	33211.469	20.952	22583.799	34.772	1.015	14.792
4/14/2016 12:10:00 AM	124800.000	73.523	17.980	167.582	28754.619	33206.789	20.949	22580.617	34.777	1.015	14.793
4/14/2016 12:15:00 AM	125100.000	73.539	17.980	167.619	28764.480	33218.176	20.957	22588.359	34.765	1.015	14.795
4/14/2016 12:20:00 AM	125400.000	73.541	17.981	167.622	28749.842	33201.199	20.945	22576.816	34.783	1.015	14.794
4/14/2016 12:25:00 AM	125700.000	73.544	17.980	167.629	28753.174	33205.309	20.948	22579.611	34.779	1.015	14.793
4/14/2016 12:30:00 AM	126000.000	73.542	17.980	167.624	28741.145	33191.227	20.938	22570.035	34.793	1.015	14.793
4/14/2016 12:35:00 AM	126300.000	73.538	17.980	167.617	28748.762	33200.078	20.944	22576.053	34.784	1.015	14.792

4/14/2016 12:40:00 AM 126600.000 73.544 17.981 167.629
28750.752 33202.000 20.945 22577.359 34.782
1.015 14.792
4/14/2016 12:45:00 AM 126900.000 73.545 17.981 167.633
28756.881 33208.758 20.950 22581.957 34.774
1.015 14.791
4/14/2016 12:50:00 AM 127200.000 73.528 17.981 167.592
28729.447 33177.453 20.928 22560.668 34.807
1.015 14.792
4/14/2016 12:55:00 AM 127500.000 73.543 17.981 167.627
28758.750 33211.430 20.952 22583.773 34.772
1.015 14.793
4/14/2016 1:00:00 AM 127800.000 73.548 17.980 167.639
28759.191 33212.191 20.952 22584.291 34.771
1.015 14.794
4/14/2016 1:05:00 AM 128100.000 73.545 17.980 167.632
28751.840 33203.699 20.947 22578.516 34.780
1.015 14.797
4/14/2016 1:10:00 AM 128400.000 73.544 17.980 167.628
28738.822 33188.797 20.936 22568.385 34.796
1.015 14.800
4/14/2016 1:15:00 AM 128700.000 73.546 17.981 167.633
28750.723 33202.090 20.945 22577.424 34.782
1.015 14.803
4/14/2016 1:20:00 AM 129000.000 73.542 17.981 167.624
28755.395 33207.484 20.949 22581.092 34.776
1.015 14.802
4/14/2016 1:25:00 AM 129300.000 73.543 17.981 167.627
28733.281 33181.945 20.931 22563.725 34.803
1.015 14.801
4/14/2016 1:30:00 AM 129600.000 73.546 17.981 167.635
28750.805 33202.254 20.946 22577.533 34.782
1.015 14.799
4/14/2016 1:35:00 AM 129900.000 73.548 17.980 167.639
28765.531 33219.391 20.957 22589.186 34.764
1.015 14.798
4/14/2016 1:40:00 AM 130200.000 73.553 17.980 167.651
28762.904 33216.355 20.955 22587.121 34.767
1.015 14.797
4/14/2016 1:45:00 AM 130500.000 73.554 17.980 167.653
28753.102 33205.035 20.947 22579.426 34.779
1.015 14.796
4/14/2016 1:50:00 AM 130800.000 73.555 17.981 167.655
28767.828 33221.969 20.959 22590.941 34.761
1.015 14.798
4/14/2016 1:55:00 AM 131100.000 73.556 17.981 167.657
28736.648 33185.770 20.934 22566.326 34.799
1.015 14.800
4/14/2016 2:00:00 AM 131400.000 73.548 17.980 167.639
28754.434 33206.574 20.949 22580.471 34.777
1.015 14.802
4/14/2016 2:05:00 AM 131700.000 73.554 17.981 167.652
28756.641 33209.051 20.950 22582.154 34.775
1.015 14.799
4/14/2016 2:10:00 AM 132000.000 73.554 17.981 167.653
28749.422 33200.656 20.944 22576.449 34.783
1.015 14.796
4/14/2016 2:15:00 AM 132300.000 73.561 17.981 167.667

28754.039 33205.988 20.948 22580.072 34.778
1.015 14.792
4/14/2016 2:20:00 AM 132600.000 73.539 17.981 167.618
28759.584 33212.391 20.953 22584.428 34.771
1.015 14.792
4/14/2016 2:25:00 AM 132900.000 73.543 17.980 167.628
28758.879 33211.762 20.952 22584.000 34.772
1.015 14.791
4/14/2016 2:30:00 AM 133200.000 73.560 17.980 167.666
28752.396 33204.223 20.947 22578.873 34.780
1.015 14.790
4/14/2016 2:35:00 AM 133500.000 73.540 17.980 167.620
28744.916 33195.637 20.941 22573.035 34.789
1.015 14.789
4/14/2016 2:40:00 AM 133800.000 73.561 17.981 167.667
28764.494 33217.930 20.956 22588.193 34.765
1.015 14.788
4/14/2016 2:45:00 AM 134100.000 73.569 17.980 167.686
28748.986 33200.406 20.944 22576.279 34.784
1.015 14.787
4/14/2016 2:50:00 AM 134400.000 73.574 17.981 167.698
28741.350 33191.266 20.938 22570.061 34.793
1.015 14.787
4/14/2016 2:55:00 AM 134700.000 73.572 17.981 167.693
28737.240 33186.328 20.934 22566.703 34.798
1.015 14.787
4/14/2016 3:00:00 AM 135000.000 73.567 17.980 167.681
28751.965 33203.910 20.947 22578.658 34.780
1.015 14.786
4/14/2016 3:05:00 AM 135300.000 73.570 17.980 167.689
28743.076 33193.516 20.939 22571.592 34.791
1.015 14.786
4/14/2016 3:10:00 AM 135600.000 73.572 17.981 167.693
28761.402 33214.551 20.954 22585.896 34.769
1.015 14.785
4/14/2016 3:15:00 AM 135900.000 73.575 17.980 167.701
28750.578 33202.176 20.945 22577.482 34.782
1.015 14.785
4/14/2016 3:20:00 AM 136200.000 73.559 17.980 167.663
28741.193 33191.406 20.938 22570.158 34.793
1.015 14.784
4/14/2016 3:25:00 AM 136500.000 73.563 17.981 167.672
28759.574 33212.188 20.952 22584.287 34.771
1.015 14.782
4/14/2016 3:30:00 AM 136800.000 73.583 17.981 167.719
28740.479 33190.195 20.937 22569.336 34.794
1.015 14.781
4/14/2016 3:35:00 AM 137100.000 73.565 17.981 167.677
28759.291 33212.055 20.952 22584.197 34.771
1.015 14.781
4/14/2016 3:40:00 AM 137400.000 73.581 17.980 167.715
28738.256 33187.891 20.936 22567.766 34.797
1.015 14.781
4/14/2016 3:45:00 AM 137700.000 73.587 17.981 167.727
28750.213 33201.375 20.945 22576.938 34.782
1.015 14.782
4/14/2016 3:50:00 AM 138000.000 73.580 17.980 167.713
28761.004 33214.164 20.954 22585.633 34.769

1.015 14.780
4/14/2016 3:55:00 AM 138300.000 73.587 17.981 167.728
28759.385 33212.219 20.952 22584.311 34.771
1.015 14.779
4/14/2016 4:00:00 AM 138600.000 73.594 17.980 167.743
28756.100 33208.500 20.950 22581.779 34.775
1.015 14.777
4/14/2016 4:05:00 AM 138900.000 73.593 17.981 167.742
28745.574 33196.215 20.941 22573.428 34.788
1.015 14.776
4/14/2016 4:10:00 AM 139200.000 73.594 17.980 167.744
28745.336 33196.070 20.941 22573.330 34.788
1.015 14.775
4/14/2016 4:15:00 AM 139500.000 73.595 17.981 167.746
28765.408 33219.117 20.957 22589.000 34.764
1.015 14.774
4/14/2016 4:20:00 AM 139800.000 73.596 17.980 167.749
28740.211 33190.270 20.937 22569.383 34.794
1.015 14.774
4/14/2016 4:25:00 AM 140100.000 73.597 17.981 167.750
28754.494 33206.320 20.948 22580.299 34.777
1.015 14.773
4/14/2016 4:30:00 AM 140400.000 73.600 17.980 167.758
28759.736 33212.699 20.953 22584.637 34.771
1.015 14.772
4/14/2016 4:35:00 AM 140700.000 73.603 17.981 167.765
28758.939 33211.648 20.952 22583.924 34.772
1.015 14.770
4/14/2016 4:40:00 AM 141000.000 73.610 17.981 167.779
28759.270 33211.895 20.952 22584.090 34.771
1.015 14.769
4/14/2016 4:45:00 AM 141300.000 73.602 17.980 167.762
28773.949 33229.113 20.964 22595.799 34.754
1.015 14.767
4/14/2016 4:50:00 AM 141600.000 73.606 17.980 167.770
28761.289 33214.547 20.954 22585.895 34.769
1.015 14.767
4/14/2016 4:55:00 AM 141900.000 73.609 17.981 167.778
28735.109 33184.129 20.933 22565.209 34.801
1.015 14.766
4/14/2016 5:00:00 AM 142200.000 73.607 17.980 167.772
28764.539 33218.246 20.957 22588.410 34.765
1.015 14.766
4/14/2016 5:05:00 AM 142500.000 73.634 17.981 167.835
28739.072 33188.703 20.936 22568.318 34.796
1.015 14.766
4/14/2016 5:10:00 AM 142800.000 73.608 17.980 167.775
28754.648 33206.879 20.949 22580.680 34.777
1.015 14.765
4/14/2016 5:15:00 AM 143100.000 73.611 17.980 167.783
28757.912 33210.594 20.951 22583.205 34.773
1.015 14.765
4/14/2016 5:20:00 AM 143400.000 73.612 17.980 167.784
28747.170 33198.188 20.943 22574.768 34.786
1.015 14.768
4/14/2016 5:25:00 AM 143700.000 73.590 17.980 167.735
28762.199 33215.598 20.955 22586.609 34.768
1.015 14.771

4/14/2016 5:30:00 AM 144000.000 73.613 17.981 167.787
28756.969 33209.301 20.950 22582.324 34.774
1.015 14.773
4/14/2016 5:35:00 AM 144300.000 73.595 17.980 167.745
28752.133 33203.918 20.947 22578.664 34.780
1.015 14.770
4/14/2016 5:40:00 AM 144600.000 73.601 17.980 167.758
28754.354 33206.484 20.948 22580.412 34.777
1.015 14.767
4/14/2016 5:45:00 AM 144900.000 73.621 17.981 167.806
28754.861 33206.938 20.949 22580.717 34.777
1.015 14.764
4/14/2016 5:50:00 AM 145200.000 73.622 17.980 167.807
28756.389 33208.953 20.950 22582.088 34.775
1.015 14.765
4/14/2016 5:55:00 AM 145500.000 73.602 17.980 167.761
28771.061 33225.832 20.962 22593.566 34.757
1.015 14.767
4/14/2016 6:00:00 AM 145800.000 73.619 17.981 167.800
28744.072 33194.480 20.940 22572.246 34.790
1.015 14.769
4/14/2016 6:05:00 AM 146100.000 73.614 17.981 167.788
28743.758 33194.172 20.940 22572.039 34.790
1.015 14.769
4/14/2016 6:10:00 AM 146400.000 73.599 17.981 167.754
28758.961 33211.480 20.952 22583.807 34.772
1.015 14.770
4/14/2016 6:15:00 AM 146700.000 73.615 17.980 167.792
28742.408 33192.688 20.939 22571.027 34.792
1.015 14.770
4/14/2016 6:20:00 AM 147000.000 73.619 17.980 167.799
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28764.984 33218.879 20.957 22588.838 34.764

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28749.963 33201.410 20.945 22576.959 34.783
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28773.402 33228.352 20.964 22595.279 34.754
1.015 14.796
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28764.615 33217.941 20.956 22588.201 34.765
1.015 14.793
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1.015 14.796
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4/14/2016 11:50:00 PM 210000.000 73.575 17.981 167.700
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28750.148 33201.813 20.945 22577.234 34.782
1.015 14.794
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28759.291 33211.984 20.952 22584.152 34.771
1.015 14.796
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1.015 14.798
4/15/2016 1:05:00 AM 214500.000 73.564 17.981 167.676
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1.015 14.800
4/15/2016 1:10:00 AM 214800.000 73.565 17.980 167.678
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1.015 14.802
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28759.396 33212.754 20.953 22584.676 34.771
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28764.520 33218.223 20.957 22588.395 34.765
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28763.271 33216.578 20.955 22587.275 34.767
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28763.512 33216.984 20.956 22587.549 34.766
1.015 14.796
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28768.418 33222.523 20.960 22591.318 34.760
1.015 14.794
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28744.604 33195.223 20.941 22572.754 34.789
1.015 14.793
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28768.277 33222.488 20.960 22591.293 34.761
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28737.662 33187.133 20.935 22567.252 34.798
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28757.775 33210.359 20.951 22583.047 34.773
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28761.512 33214.805 20.954 22586.068 34.769
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28760.529 33213.348 20.953 22585.078 34.770
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4/15/2016 4:35:00 AM 227100.000 73.600 17.981 167.758
28754.377 33206.438 20.948 22580.377 34.777
1.015 14.787
4/15/2016 4:40:00 AM 227400.000 73.594 17.980 167.744
28758.664 33211.648 20.952 22583.924 34.772
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28754.148 33206.434 20.948 22580.375 34.778
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28759.822 33212.598 20.953 22584.568 34.771
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28770.416 33225.152 20.961 22593.105 34.758
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4/15/2016 5:00:00 AM 228600.000 73.605 17.980 167.768
28759.166 33212.160 20.952 22584.270 34.772
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28762.406 33215.652 20.955 22586.645 34.768
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4/15/2016 5:10:00 AM 229200.000 73.610 17.981 167.781
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28759.789 33212.879 20.953 22584.758 34.771
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28749.842	33201.273	20.945	22576.865	34.783
1.015	14.788			
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28759.791	33212.563	20.953	22584.543	34.771
1.015	14.788			
4/15/2016 5:55:00 AM	231900.000	73.615	17.981	167.792
28757.301	33209.684	20.951	22582.586	34.774
1.015	14.789			
4/15/2016 6:00:00 AM	232200.000	73.621	17.981	167.804
28768.213	33222.223	20.959	22591.111	34.761
1.015	14.789			
4/15/2016 6:05:00 AM	232500.000	73.602	17.981	167.762
28747.797	33198.836	20.943	22575.211	34.785
1.015	14.789			
4/15/2016 6:10:00 AM	232800.000	73.619	17.981	167.802
28757.232	33209.605	20.951	22582.533	34.774
1.015	14.790			
4/15/2016 6:15:00 AM	233100.000	73.624	17.981	167.811
28761.664	33214.852	20.954	22586.102	34.769
1.015	14.790			
4/15/2016 6:20:00 AM	233400.000	73.603	17.980	167.763
28755.285	33207.559	20.949	22581.143	34.776
1.015	14.789			
4/15/2016 6:25:00 AM	233700.000	73.624	17.981	167.812
28755.453	33207.488	20.949	22581.094	34.776
1.015	14.787			
4/15/2016 6:30:00 AM	234000.000	73.629	17.980	167.823
28766.607	33220.953	20.958	22590.250	34.763
1.015	14.786			
4/15/2016 6:35:00 AM	234300.000	73.638	17.980	167.844
28754.445	33206.590	20.949	22580.482	34.777
1.015	14.787			
4/15/2016 6:40:00 AM	234600.000	73.630	17.980	167.826
28764.881	33218.641	20.957	22588.676	34.765
1.015	14.788			
4/15/2016 6:45:00 AM	234900.000	73.629	17.980	167.823
28760.707	33213.820	20.954	22585.400	34.770
1.015	14.789			
4/15/2016 6:50:00 AM	235200.000	73.631	17.980	167.828
28752.479	33204.371	20.947	22578.975	34.780
1.015	14.790			
4/15/2016 6:55:00 AM	235500.000	73.632	17.980	167.829
28752.582	33204.625	20.947	22579.145	34.779
1.015	14.790			
4/15/2016 7:00:00 AM	235800.000	73.627	17.981	167.820
28772.209	33226.973	20.963	22594.344	34.756
1.015	14.791			
4/15/2016 7:05:00 AM	236100.000	73.634	17.981	167.834
28760.008	33212.813	20.953	22584.715	34.771
1.015	14.792			
4/15/2016 7:10:00 AM	236400.000	73.632	17.981	167.830
28760.359	33213.344	20.953	22585.076	34.770
1.015	14.793			
4/15/2016 7:15:00 AM	236700.000	73.611	17.981	167.781

28757.885 33210.430 20.951 22583.094 34.773
1.015 14.794
4/15/2016 7:20:00 AM 237000.000 73.631 17.981 167.827
28769.111 33223.395 20.960 22591.910 34.760
1.015 14.795
4/15/2016 7:25:00 AM 237300.000 73.634 17.980 167.834
28758.398 33211.273 20.952 22583.668 34.772
1.015 14.796
4/15/2016 7:30:00 AM 237600.000 73.630 17.981 167.825
28761.943 33215.176 20.954 22586.320 34.768
1.015 14.797
4/15/2016 7:35:00 AM 237900.000 73.632 17.981 167.829
28756.666 33208.887 20.950 22582.045 34.775
1.015 14.798
4/15/2016 7:40:00 AM 238200.000 73.628 17.980 167.821
28773.883 33229.223 20.964 22595.873 34.754
1.015 14.799
4/15/2016 7:45:00 AM 238500.000 73.632 17.981 167.830
28779.426 33235.234 20.968 22599.961 34.747
1.015 14.800
4/15/2016 7:50:00 AM 238800.000 73.628 17.981 167.820
28765.021 33218.535 20.957 22588.604 34.764
1.015 14.800
4/15/2016 7:55:00 AM 239100.000 73.631 17.981 167.827
28749.916 33201.227 20.945 22576.836 34.783
1.015 14.801
4/15/2016 8:00:00 AM 239400.000 73.627 17.981 167.818
28765.771 33219.539 20.958 22589.289 34.764
1.015 14.801
4/15/2016 8:05:00 AM 239700.000 73.626 17.981 167.816
28768.672 33222.816 20.960 22591.516 34.760
1.015 14.801
4/15/2016 8:10:00 AM 240000.000 73.625 17.981 167.814
28771.896 33226.668 20.962 22594.135 34.756
1.015 14.800
4/15/2016 8:15:00 AM 240300.000 73.631 17.980 167.828
28769.543 33224.145 20.961 22592.418 34.759
1.015 14.800
4/15/2016 8:20:00 AM 240600.000 73.627 17.981 167.818
28765.109 33218.703 20.957 22588.721 34.764
1.015 14.799
4/15/2016 8:25:00 AM 240900.000 73.634 17.981 167.834
28776.742 33232.074 20.966 22597.811 34.750
1.015 14.799
4/15/2016 8:30:00 AM 241200.000 73.627 17.980 167.819
28750.955 33202.680 20.946 22577.824 34.781
1.015 14.798
4/15/2016 8:35:00 AM 241500.000 73.628 17.981 167.821
28774.432 33229.344 20.964 22595.955 34.753
1.015 14.798
4/15/2016 8:40:00 AM 241800.000 73.628 17.980 167.822
28761.832 33215.117 20.954 22586.281 34.768
1.015 14.797
4/15/2016 8:45:00 AM 242100.000 73.627 17.980 167.818
28762.178 33215.574 20.955 22586.592 34.768
1.015 14.797
4/15/2016 8:50:00 AM 242400.000 73.607 17.980 167.774
28775.430 33230.820 20.965 22596.961 34.752

1.015 14.795
4/15/2016 8:55:00 AM 242700.000 73.602 17.980 167.761
28776.125 33231.746 20.966 22597.590 34.751
1.015 14.794
4/15/2016 9:00:00 AM 243000.000 73.630 17.981 167.824
28758.506 33211.078 20.952 22583.535 34.772
1.015 14.792
4/15/2016 9:05:00 AM 243300.000 73.627 17.981 167.818
28767.186 33221.227 20.959 22590.436 34.762
1.015 14.794
4/15/2016 9:10:00 AM 243600.000 73.624 17.981 167.812
28763.377 33216.512 20.955 22587.229 34.766
1.015 14.796
4/15/2016 9:15:00 AM 243900.000 73.614 17.981 167.790
28760.670 33213.574 20.953 22585.232 34.770
1.015 14.798
4/15/2016 9:20:00 AM 244200.000 73.618 17.980 167.797
28758.410 33211.168 20.952 22583.596 34.772
1.015 14.797
4/15/2016 9:25:00 AM 244500.000 73.618 17.981 167.797
28763.336 33216.656 20.956 22587.328 34.766
1.015 14.795
4/15/2016 9:30:00 AM 244800.000 73.613 17.980 167.787
28771.176 33225.910 20.962 22593.621 34.757
1.015 14.794
4/15/2016 9:35:00 AM 245100.000 73.616 17.981 167.793
28748.451 33199.273 20.943 22575.506 34.784
1.015 14.794
4/15/2016 9:40:00 AM 245400.000 73.614 17.981 167.789
28773.154 33227.742 20.963 22594.865 34.755
1.015 14.795
4/15/2016 9:45:00 AM 245700.000 73.610 17.981 167.781
28764.322 33217.793 20.956 22588.100 34.765
1.015 14.795
4/15/2016 9:50:00 AM 246000.000 73.609 17.980 167.778
28752.818 33204.766 20.947 22579.240 34.779
1.015 14.795
4/15/2016 9:55:00 AM 246300.000 73.609 17.981 167.777
28751.426 33203.027 20.946 22578.061 34.781
1.015 14.795
4/15/2016 10:00:00 AM 246600.000 73.609 17.981 167.777
28764.424 33218.039 20.956 22588.268 34.765
1.015 14.794
4/15/2016 10:05:00 AM 246900.000 73.583 17.981 167.719
28760.586 33213.551 20.953 22585.217 34.770
1.015 14.796
4/15/2016 10:10:00 AM 247200.000 73.598 17.980 167.753
28765.119 33218.914 20.957 22588.861 34.764
1.015 14.798
4/15/2016 10:15:00 AM 247500.000 73.596 17.981 167.748
28759.289 33212.109 20.952 22584.236 34.771
1.015 14.800
4/15/2016 10:20:00 AM 247800.000 73.593 17.980 167.742
28770.383 33225.047 20.961 22593.033 34.758
1.015 14.800
4/15/2016 10:25:00 AM 248100.000 73.595 17.980 167.746
28769.379 33224.086 20.961 22592.381 34.759
1.015 14.799

4/15/2016 10:30:00 AM 248400.000 73.588 17.981 167.729
28761.916 33215.086 20.954 22586.258 34.768
1.015 14.799
4/15/2016 10:35:00 AM 248700.000 73.590 17.981 167.733
28754.088 33206.047 20.948 22580.113 34.778
1.015 14.798
4/15/2016 10:40:00 AM 249000.000 73.588 17.981 167.731
28766.176 33220.004 20.958 22589.605 34.763
1.015 14.797
4/15/2016 10:45:00 AM 249300.000 73.589 17.980 167.733
28751.475 33203.156 20.946 22578.148 34.781
1.015 14.796
4/15/2016 10:50:00 AM 249600.000 73.584 17.980 167.722
28768.455 33223.020 20.960 22591.656 34.760
1.015 14.800
4/15/2016 10:55:00 AM 249900.000 73.555 17.981 167.654
28749.961 33201.336 20.945 22576.910 34.783
1.015 14.803
4/15/2016 11:00:00 AM 250200.000 73.570 17.981 167.688
28757.256 33209.633 20.951 22582.553 34.774
1.015 14.807
4/15/2016 11:05:00 AM 250500.000 73.574 17.980 167.697
28771.074 33225.793 20.962 22593.541 34.757
1.015 14.804
4/15/2016 11:10:00 AM 250800.000 73.571 17.981 167.691
28776.994 33232.426 20.966 22598.049 34.750
1.015 14.802
4/15/2016 11:15:00 AM 251100.000 73.574 17.981 167.698
28750.891 33202.410 20.946 22577.641 34.782
1.015 14.799
4/15/2016 11:20:00 AM 251400.000 73.547 17.981 167.636
28761.123 33214.227 20.954 22585.674 34.769
1.015 14.798
4/15/2016 11:25:00 AM 251700.000 73.569 17.981 167.686
28758.773 33211.387 20.952 22583.746 34.772
1.015 14.796
4/15/2016 11:30:00 AM 252000.000 73.565 17.981 167.678
28751.436 33202.984 20.946 22578.029 34.781
1.015 14.794
4/15/2016 11:35:00 AM 252300.000 73.561 17.981 167.668
28760.809 33213.809 20.954 22585.393 34.770
1.015 14.795
4/15/2016 11:40:00 AM 252600.000 73.559 17.980 167.663
28773.090 33228.176 20.963 22595.162 34.755
1.015 14.795
4/15/2016 11:45:00 AM 252900.000 73.553 17.980 167.650
28757.076 33209.680 20.951 22582.582 34.774
1.015 14.796
4/15/2016 11:50:00 AM 253200.000 73.550 17.981 167.644
28755.514 33207.496 20.949 22581.098 34.776
1.015 14.795
4/15/2016 11:55:00 AM 253500.000 73.554 17.980 167.652
28749.324 33200.676 20.944 22576.459 34.783
1.015 14.793
4/15/2016 12:00:00 PM 253800.000 73.524 17.980 167.584
28755.328 33207.664 20.949 22581.211 34.776
1.015 14.792
4/15/2016 12:05:00 PM 254100.000 73.547 17.981 167.637

28766.518 33220.328 20.958 22589.824 34.763
1.015 14.792
4/15/2016 12:10:00 PM 254400.000 73.538 17.980 167.617
28764.326 33218.188 20.957 22588.367 34.765
1.015 14.793
4/15/2016 12:15:00 PM 254700.000 73.537 17.980 167.615
28767.545 33221.715 20.959 22590.768 34.761
1.015 14.793
4/15/2016 12:20:00 PM 255000.000 73.535 17.981 167.610
28773.305 33228.168 20.963 22595.156 34.754
1.015 14.793
4/15/2016 12:25:00 PM 255300.000 73.534 17.980 167.606
28758.568 33211.539 20.952 22583.850 34.772
1.015 14.792
4/15/2016 12:30:00 PM 255600.000 73.510 17.980 167.553
28776.549 33232.168 20.966 22597.875 34.751
1.015 14.792
4/15/2016 12:35:00 PM 255900.000 73.533 17.981 167.604
28751.494 33202.980 20.946 22578.027 34.781
1.015 14.792
4/15/2016 12:40:00 PM 256200.000 73.510 17.981 167.551
28776.449 33231.797 20.966 22597.623 34.751
1.015 14.792
4/15/2016 12:45:00 PM 256500.000 73.529 17.980 167.595
28758.674 33211.527 20.952 22583.840 34.772
1.015 14.791
4/15/2016 12:50:00 PM 256800.000 73.505 17.980 167.541
28773.861 33229.199 20.964 22595.855 34.754
1.015 14.791
4/15/2016 12:55:00 PM 257100.000 73.523 17.980 167.582
28764.066 33217.887 20.956 22588.166 34.766
1.015 14.790
4/15/2016 1:00:00 PM 257400.000 73.520 17.981 167.574
28777.615 33232.953 20.967 22598.410 34.749
1.015 14.790
4/15/2016 1:05:00 PM 257700.000 73.522 17.981 167.578
28762.299 33215.527 20.955 22586.559 34.768
1.015 14.788
4/15/2016 1:10:00 PM 258000.000 73.513 17.981 167.558
28764.918 33218.551 20.957 22588.615 34.765
1.015 14.787
4/15/2016 1:15:00 PM 258300.000 73.517 17.980 167.568
28770.750 33225.473 20.962 22593.322 34.758
1.015 14.785
4/15/2016 1:20:00 PM 258600.000 73.511 17.980 167.554
28769.184 33223.664 20.960 22592.092 34.759
1.015 14.785
4/15/2016 1:25:00 PM 258900.000 73.489 17.980 167.504
28768.254 33222.535 20.960 22591.326 34.761
1.015 14.784
4/15/2016 1:30:00 PM 259200.000 73.508 17.980 167.547
28773.404 33228.539 20.964 22595.408 34.754
1.015 14.784
4/15/2016 1:35:00 PM 259500.000 73.504 17.980 167.538
28780.316 33236.586 20.969 22600.879 34.746
1.015 14.785
4/15/2016 1:40:00 PM 259800.000 73.508 17.981 167.547
28765.590 33219.258 20.957 22589.096 34.764

1.015 14.786
4/15/2016 1:45:00 PM 260100.000 73.501 17.981 167.531
28762.307 33215.535 20.955 22586.564 34.768
1.015 14.786
4/15/2016 1:50:00 PM 260400.000 73.477 17.980 167.477
28757.486 33210.156 20.951 22582.906 34.774
1.015 14.786
4/15/2016 1:55:00 PM 260700.000 73.481 17.980 167.486
28763.775 33217.484 20.956 22587.891 34.766
1.015 14.785
4/15/2016 2:00:00 PM 261000.000 73.497 17.981 167.522
28763.627 33217.117 20.956 22587.641 34.766
1.015 14.785
4/15/2016 2:05:00 PM 261300.000 73.499 17.980 167.527
28754.082 33206.289 20.948 22580.279 34.778
1.015 14.783
4/15/2016 2:10:00 PM 261600.000 73.496 17.980 167.521
28768.771 33223.383 20.960 22591.902 34.760
1.015 14.781
4/15/2016 2:15:00 PM 261900.000 73.494 17.980 167.516
28754.021 33206.219 20.948 22580.229 34.778
1.015 14.778
4/15/2016 2:20:00 PM 262200.000 73.492 17.981 167.512
28747.621 33198.578 20.943 22575.035 34.785
1.015 14.779
4/15/2016 2:25:00 PM 262500.000 73.494 17.980 167.515
28754.529 33206.809 20.949 22580.631 34.777
1.015 14.780
4/15/2016 2:30:00 PM 262800.000 73.485 17.980 167.494
28771.547 33226.590 20.962 22594.084 34.757
1.015 14.781
4/15/2016 2:35:00 PM 263100.000 73.492 17.980 167.511
28763.355 33217.000 20.956 22587.563 34.766
1.015 14.779
4/15/2016 2:40:00 PM 263400.000 73.485 17.980 167.496
28772.238 33227.387 20.963 22594.623 34.756
1.015 14.778
4/15/2016 2:45:00 PM 263700.000 73.470 17.981 167.462
28777.926 33233.438 20.967 22598.740 34.749
1.015 14.777
4/15/2016 2:50:00 PM 264000.000 73.489 17.980 167.503
28751.646 33203.863 20.947 22578.629 34.781
1.015 14.775
4/15/2016 2:55:00 PM 264300.000 73.493 17.980 167.513
28762.428 33215.809 20.955 22586.752 34.768
1.015 14.774
4/15/2016 3:00:00 PM 264600.000 73.495 17.980 167.519
28763.893 33217.621 20.956 22587.984 34.766
1.015 14.772
4/15/2016 3:05:00 PM 264900.000 73.468 17.980 167.457
28766.107 33220.176 20.958 22589.723 34.763
1.015 14.775
4/15/2016 3:10:00 PM 265200.000 73.465 17.981 167.449
28780.400 33236.488 20.969 22600.813 34.746
1.015 14.778
4/15/2016 3:15:00 PM 265500.000 73.484 17.981 167.492
28770.424 33224.910 20.961 22592.941 34.758
1.015 14.781

4/15/2016 3:20:00 PM	265800.000	73.482	17.980	167.488
28773.695	33228.820	20.964	22595.598	34.754
1.015	14.779			
4/15/2016 3:25:00 PM	266100.000	73.486	17.980	167.498
28757.924	33210.660	20.951	22583.252	34.773
1.015	14.777			
4/15/2016 3:30:00 PM	266400.000	73.486	17.980	167.498
28764.287	33218.273	20.957	22588.426	34.765
1.015	14.774			
4/15/2016 3:35:00 PM	266700.000	73.470	17.980	167.461
28786.707	33243.898	20.974	22605.852	34.738
1.015	14.773			
4/15/2016 3:40:00 PM	267000.000	73.483	17.981	167.489
28756.576	33208.918	20.950	22582.066	34.775
1.015	14.771			
4/15/2016 3:45:00 PM	267300.000	73.489	17.981	167.505
28758.381	33211.059	20.952	22583.521	34.772
1.015	14.769			
4/15/2016 3:50:00 PM	267600.000	73.492	17.980	167.512
28769.541	33224.023	20.961	22592.336	34.759
1.015	14.769			
4/15/2016 3:55:00 PM	267900.000	73.493	17.980	167.512
28757.557	33210.500	20.951	22583.141	34.773
1.015	14.768			
4/15/2016 4:00:00 PM	268200.000	73.495	17.981	167.517
28766.002	33219.668	20.958	22589.377	34.763
1.015	14.767			
4/15/2016 4:05:00 PM	268500.000	73.490	17.980	167.506
28764.453	33218.199	20.957	22588.377	34.765
1.015	14.767			
4/15/2016 4:10:00 PM	268800.000	73.471	17.981	167.462
28769.467	33223.734	20.960	22592.141	34.759
1.015	14.766			
4/15/2016 4:15:00 PM	269100.000	73.491	17.980	167.510
28770.270	33224.863	20.961	22592.908	34.758
1.015	14.766			
4/15/2016 4:20:00 PM	269400.000	73.473	17.981	167.468
28755.609	33207.730	20.949	22581.258	34.776
1.015	14.764			
4/15/2016 4:25:00 PM	269700.000	73.499	17.980	167.527
28767.840	33222.059	20.959	22591.002	34.761
1.015	14.761			
4/15/2016 4:30:00 PM	270000.000	73.503	17.981	167.535
28765.051	33218.637	20.957	22588.674	34.764
1.015	14.759			
4/15/2016 4:35:00 PM	270300.000	73.482	17.980	167.487
28748.414	33199.625	20.944	22575.746	34.785
1.015	14.758			
4/15/2016 4:40:00 PM	270600.000	73.487	17.980	167.500
28755.139	33207.391	20.949	22581.025	34.776
1.015	14.757			
4/15/2016 4:45:00 PM	270900.000	73.510	17.980	167.553
28785.264	33242.180	20.973	22604.684	34.740
1.015	14.756			
4/15/2016 4:50:00 PM	271200.000	73.509	17.980	167.549
28762.721	33216.199	20.955	22587.018	34.767
1.015	14.757			
4/15/2016 4:55:00 PM	271500.000	73.508	17.980	167.548

28746.182 33197.102 20.942 22574.029 34.787
1.015 14.757
4/15/2016 5:00:00 PM 271800.000 73.513 17.981 167.559
28756.723 33209.145 20.950 22582.221 34.774
1.015 14.757
4/15/2016 5:05:00 PM 272100.000 73.516 17.980 167.565
28761.084 33214.309 20.954 22585.732 34.769
1.015 14.756
4/15/2016 5:10:00 PM 272400.000 73.519 17.981 167.572
28800.182 33259.332 20.985 22616.346 34.722
1.015 14.755
4/15/2016 5:15:00 PM 272700.000 73.520 17.980 167.574
28758.430 33211.379 20.952 22583.740 34.772
1.015 14.754
4/15/2016 5:20:00 PM 273000.000 73.519 17.980 167.571
28765.605 33219.598 20.958 22589.326 34.764
1.015 14.755
4/15/2016 5:25:00 PM 273300.000 73.523 17.980 167.582
28766.363 33220.668 20.958 22590.055 34.763
1.015 14.757
4/15/2016 5:30:00 PM 273600.000 73.518 17.981 167.571
28748.684 33199.609 20.944 22575.734 34.784
1.015 14.758
4/15/2016 5:35:00 PM 273900.000 73.519 17.981 167.573
28760.916 33213.738 20.953 22585.342 34.769
1.015 14.756
4/15/2016 5:40:00 PM 274200.000 73.504 17.981 167.539
28769.699 33223.879 20.961 22592.240 34.759
1.015 14.755
4/15/2016 5:45:00 PM 274500.000 73.525 17.981 167.585
28757.092 33209.516 20.951 22582.473 34.774
1.015 14.754
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28747.758 33198.664 20.943 22575.092 34.785
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28771.279 33225.898 20.962 22593.613 34.757
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28783.820 33240.383 20.972 22603.463 34.742
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28763.203 33216.629 20.955 22587.309 34.767

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28750.912 33202.113 20.945 22577.438 34.782
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28768.650 33223.047 20.960 22591.674 34.760
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28771.965 33226.746 20.963 22594.189 34.756
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28772.488 33227.223 20.963 22594.514 34.755
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28773.139 33228.102 20.963 22595.109 34.755
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1.015 14.765
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28770.311 33224.836 20.961 22592.891 34.758
1.015 14.767

4/16/2016 5:50:00 AM	318000.000	73.575	17.980	167.700
28775.752	33231.316	20.966	22597.295	34.751
1.015	14.766			
4/16/2016 5:55:00 AM	318300.000	73.561	17.981	167.668
28755.914	33208.211	20.950	22581.584	34.775
1.015	14.765			
4/16/2016 6:00:00 AM	318600.000	73.563	17.980	167.672
28774.738	33230.023	20.965	22596.416	34.753
1.015	14.763			
4/16/2016 6:05:00 AM	318900.000	73.578	17.980	167.708
28756.598	33209.074	20.950	22582.170	34.775
1.015	14.765			
4/16/2016 6:10:00 AM	319200.000	73.579	17.981	167.710
28768.711	33222.863	20.960	22591.547	34.760
1.015	14.767			
4/16/2016 6:15:00 AM	319500.000	73.582	17.981	167.717
28775.219	33230.449	20.965	22596.707	34.752
1.015	14.769			
4/16/2016 6:20:00 AM	319800.000	73.584	17.981	167.720
28783.910	33240.414	20.972	22603.482	34.742
1.015	14.769			
4/16/2016 6:25:00 AM	320100.000	73.585	17.981	167.723
28767.281	33221.020	20.959	22590.293	34.762
1.015	14.768			
4/16/2016 6:30:00 AM	320400.000	73.569	17.981	167.686
28767.910	33222.066	20.959	22591.008	34.761
1.015	14.768			
4/16/2016 6:35:00 AM	320700.000	73.594	17.981	167.742
28765.412	33219.121	20.957	22589.002	34.764
1.015	14.766			
4/16/2016 6:40:00 AM	321000.000	73.598	17.980	167.752
28775.445	33230.840	20.965	22596.971	34.752
1.015	14.764			
4/16/2016 6:45:00 AM	321300.000	73.596	17.981	167.748
28770.775	33225.375	20.962	22593.256	34.757
1.015	14.763			
4/16/2016 6:50:00 AM	321600.000	73.597	17.980	167.751
28770.271	33224.863	20.961	22592.908	34.758
1.015	14.764			
4/16/2016 6:55:00 AM	321900.000	73.598	17.981	167.752
28792.752	33250.625	20.979	22610.426	34.731
1.015	14.765			
4/16/2016 7:00:00 AM	322200.000	73.600	17.980	167.757
28769.508	33224.172	20.961	22592.438	34.759
1.015	14.766			
4/16/2016 7:05:00 AM	322500.000	73.606	17.980	167.770
28759.197	33212.328	20.952	22584.383	34.771
1.015	14.767			
4/16/2016 7:10:00 AM	322800.000	73.585	17.980	167.724
28755.477	33207.781	20.949	22581.291	34.776
1.015	14.767			
4/16/2016 7:15:00 AM	323100.000	73.606	17.981	167.772
28777.223	33232.500	20.967	22598.102	34.750
1.015	14.768			
4/16/2016 7:20:00 AM	323400.000	73.604	17.980	167.766
28773.898	33229.109	20.964	22595.797	34.754
1.015	14.772			
4/16/2016 7:25:00 AM	323700.000	73.603	17.980	167.763

28757.117 33209.676 20.951 22582.580 34.774
1.015 14.775
4/16/2016 7:30:00 AM 324000.000 73.601 17.980 167.759
28781.609 33238.078 20.970 22601.895 34.744
1.015 14.779
4/16/2016 7:35:00 AM 324300.000 73.604 17.980 167.766
28770.166 33224.863 20.961 22592.908 34.758
1.015 14.776
4/16/2016 7:40:00 AM 324600.000 73.611 17.981 167.783
28767.918 33222.016 20.959 22590.971 34.761
1.015 14.774
4/16/2016 7:45:00 AM 324900.000 73.587 17.980 167.727
28769.756 33224.520 20.961 22592.674 34.759
1.015 14.772
4/16/2016 7:50:00 AM 325200.000 73.609 17.980 167.777
28772.059 33227.117 20.963 22594.441 34.756
1.015 14.772
4/16/2016 7:55:00 AM 325500.000 73.611 17.980 167.782
28771.400 33226.289 20.962 22593.877 34.757
1.015 14.772
4/16/2016 8:00:00 AM 325800.000 73.612 17.980 167.784
28763.219 33216.719 20.956 22587.369 34.767
1.015 14.772
4/16/2016 8:05:00 AM 326100.000 73.589 17.981 167.732
28769.811 33224.133 20.961 22592.410 34.759
1.015 14.774
4/16/2016 8:10:00 AM 326400.000 73.612 17.980 167.784
28768.711 33223.063 20.960 22591.684 34.760
1.015 14.775
4/16/2016 8:15:00 AM 326700.000 73.608 17.981 167.775
28772.764 33227.543 20.963 22594.730 34.755
1.015 14.776
4/16/2016 8:20:00 AM 327000.000 73.608 17.980 167.776
28784.105 33241.027 20.972 22603.898 34.741
1.015 14.777
4/16/2016 8:25:00 AM 327300.000 73.609 17.981 167.777
28769.518 33223.922 20.961 22592.268 34.759
1.015 14.777
4/16/2016 8:30:00 AM 327600.000 73.603 17.981 167.765
28773.646 33228.691 20.964 22595.510 34.754
1.015 14.777
4/16/2016 8:35:00 AM 327900.000 73.613 17.980 167.786
28775.842 33231.297 20.966 22597.283 34.751
1.015 14.778
4/16/2016 8:40:00 AM 328200.000 73.587 17.981 167.727
28752.691 33204.488 20.947 22579.055 34.779
1.015 14.780
4/16/2016 8:45:00 AM 328500.000 73.609 17.981 167.778
28759.906 33212.820 20.953 22584.721 34.771
1.015 14.781
4/16/2016 8:50:00 AM 328800.000 73.603 17.980 167.764
28774.023 33229.199 20.964 22595.855 34.754
1.015 14.780
4/16/2016 8:55:00 AM 329100.000 73.586 17.981 167.725
28775.752 33231.121 20.966 22597.162 34.751
1.015 14.779
4/16/2016 9:00:00 AM 329400.000 73.612 17.980 167.785
28767.797 33222.258 20.959 22591.135 34.761

1.015 14.777
4/16/2016 9:05:00 AM 329700.000 73.609 17.980 167.778
28773.068 33228.348 20.964 22595.277 34.755
1.015 14.777
4/16/2016 9:10:00 AM 330000.000 73.610 17.981 167.781
28762.559 33215.691 20.955 22586.672 34.767
1.015 14.776
4/16/2016 9:15:00 AM 330300.000 73.611 17.981 167.783
28748.441 33199.391 20.944 22575.586 34.784
1.015 14.775
4/16/2016 9:20:00 AM 330600.000 73.617 17.981 167.795
28767.850 33221.938 20.959 22590.920 34.761
1.015 14.771
4/16/2016 9:25:00 AM 330900.000 73.595 17.980 167.746
28761.840 33215.184 20.954 22586.324 34.768
1.015 14.768
4/16/2016 9:30:00 AM 331200.000 73.603 17.980 167.765
28773.141 33228.180 20.963 22595.164 34.755
1.015 14.765
4/16/2016 9:35:00 AM 331500.000 73.617 17.981 167.797
28764.131 33217.379 20.956 22587.820 34.766
1.015 14.767
4/16/2016 9:40:00 AM 331800.000 73.616 17.980 167.794
28781.715 33238.137 20.970 22601.934 34.744
1.015 14.770
4/16/2016 9:45:00 AM 332100.000 73.612 17.980 167.785
28755.465 33207.820 20.949 22581.320 34.776
1.015 14.772
4/16/2016 9:50:00 AM 332400.000 73.609 17.981 167.779
28770.471 33225.023 20.961 22593.018 34.758
1.015 14.774
4/16/2016 9:55:00 AM 332700.000 73.604 17.981 167.767
28774.963 33230.152 20.965 22596.504 34.752
1.015 14.775
4/16/2016 10:00:00 AM 333000.000 73.600 17.981 167.756
28764.473 33217.844 20.956 22588.137 34.765
1.015 14.777
4/16/2016 10:05:00 AM 333300.000 73.578 17.981 167.707
28771.436 33225.816 20.962 22593.555 34.757
1.015 14.777
4/16/2016 10:10:00 AM 333600.000 73.596 17.980 167.748
28770.189 33225.090 20.961 22593.061 34.758
1.015 14.777
4/16/2016 10:15:00 AM 333900.000 73.596 17.981 167.748
28758.936 33211.449 20.952 22583.785 34.772
1.015 14.776
4/16/2016 10:20:00 AM 334200.000 73.602 17.981 167.761
28760.639 33213.539 20.953 22585.209 34.770
1.015 14.776
4/16/2016 10:25:00 AM 334500.000 73.598 17.980 167.752
28769.369 33223.879 20.961 22592.240 34.759
1.015 14.776
4/16/2016 10:30:00 AM 334800.000 73.602 17.980 167.763
28768.477 33222.980 20.960 22591.627 34.760
1.015 14.775
4/16/2016 10:35:00 AM 335100.000 73.594 17.981 167.743
28769.984 33224.270 20.961 22592.504 34.758
1.015 14.775

4/16/2016 10:40:00 AM 335400.000 73.589 17.980 167.733
28772.396 33227.441 20.963 22594.662 34.756
1.015 14.776
4/16/2016 10:45:00 AM 335700.000 73.590 17.980 167.735
28768.025 33222.324 20.959 22591.184 34.761
1.015 14.776
4/16/2016 10:50:00 AM 336000.000 73.592 17.981 167.738
28760.176 33213.074 20.953 22584.893 34.770
1.015 14.776
4/16/2016 10:55:00 AM 336300.000 73.568 17.981 167.683
28777.334 33232.695 20.967 22598.234 34.750
1.015 14.776
4/16/2016 11:00:00 AM 336600.000 73.580 17.980 167.711
28769.006 33223.523 20.960 22591.998 34.760
1.015 14.776
4/16/2016 11:05:00 AM 336900.000 73.581 17.981 167.714
28770.248 33224.637 20.961 22592.754 34.758
1.015 14.776
4/16/2016 11:10:00 AM 337200.000 73.579 17.981 167.709
28776.326 33231.785 20.966 22597.615 34.751
1.015 14.776
4/16/2016 11:15:00 AM 337500.000 73.572 17.981 167.694
28790.951 33248.672 20.978 22609.098 34.733
1.015 14.776
4/16/2016 11:20:00 AM 337800.000 73.573 17.981 167.695
28755.145 33207.195 20.949 22580.895 34.776
1.015 14.775
4/16/2016 11:25:00 AM 338100.000 73.576 17.980 167.703
28750.123 33201.969 20.945 22577.342 34.782
1.015 14.774
4/16/2016 11:30:00 AM 338400.000 73.555 17.981 167.655
28769.051 33223.063 20.960 22591.684 34.760
1.015 14.773
4/16/2016 11:35:00 AM 338700.000 73.573 17.980 167.694
28781.645 33238.188 20.970 22601.969 34.744
1.015 14.773
4/16/2016 11:40:00 AM 339000.000 73.567 17.981 167.683
28762.590 33215.730 20.955 22586.699 34.767
1.015 14.773
4/16/2016 11:45:00 AM 339300.000 73.565 17.981 167.678
28782.109 33238.211 20.970 22601.986 34.744
1.015 14.773
4/16/2016 11:50:00 AM 339600.000 73.563 17.980 167.674
28772.508 33227.766 20.963 22594.881 34.755
1.015 14.772
4/16/2016 11:55:00 AM 339900.000 73.563 17.980 167.672
28772.971 33227.980 20.963 22595.027 34.755
1.015 14.770
4/16/2016 12:00:00 PM 340200.000 73.545 17.981 167.633
28761.904 33215.070 20.954 22586.248 34.768
1.015 14.768
4/16/2016 12:05:00 PM 340500.000 73.541 17.981 167.622
28775.740 33231.105 20.966 22597.152 34.751
1.015 14.770
4/16/2016 12:10:00 PM 340800.000 73.555 17.980 167.654
28755.523 33207.832 20.949 22581.328 34.776
1.015 14.771
4/16/2016 12:15:00 PM 341100.000 73.555 17.980 167.654

28773.225 33228.465 20.964 22595.355 34.755
1.015 14.773
4/16/2016 12:20:00 PM 341400.000 73.548 17.981 167.639
28770.035 33224.520 20.961 22592.674 34.758
1.015 14.772
4/16/2016 12:25:00 PM 341700.000 73.550 17.981 167.642
28763.068 33216.473 20.955 22587.201 34.767
1.015 14.772
4/16/2016 12:30:00 PM 342000.000 73.547 17.980 167.637
28778.643 33234.531 20.968 22599.484 34.748
1.015 14.771
4/16/2016 12:35:00 PM 342300.000 73.541 17.981 167.623
28767.543 33221.641 20.959 22590.717 34.761
1.015 14.770
4/16/2016 12:40:00 PM 342600.000 73.542 17.981 167.625
28775.967 33231.313 20.966 22597.293 34.751
1.015 14.770
4/16/2016 12:45:00 PM 342900.000 73.540 17.980 167.620
28789.783 33247.586 20.977 22608.359 34.735
1.015 14.769
4/16/2016 12:50:00 PM 343200.000 73.539 17.980 167.619
28778.777 33235.008 20.968 22599.807 34.748
1.015 14.768
4/16/2016 12:55:00 PM 343500.000 73.535 17.980 167.609
28781.879 33238.270 20.971 22602.023 34.744
1.015 14.767
4/16/2016 1:00:00 PM 343800.000 73.533 17.980 167.605
28770.328 33225.117 20.961 22593.080 34.758
1.015 14.766
4/16/2016 1:05:00 PM 344100.000 73.532 17.981 167.602
28762.648 33215.797 20.955 22586.742 34.767
1.015 14.767
4/16/2016 1:10:00 PM 344400.000 73.527 17.981 167.590
28774.098 33228.762 20.964 22595.561 34.753
1.015 14.768
4/16/2016 1:15:00 PM 344700.000 73.525 17.980 167.587
28764.617 33218.336 20.957 22588.471 34.765
1.015 14.769
4/16/2016 1:20:00 PM 345000.000 73.498 17.980 167.524
28768.145 33222.781 20.960 22591.494 34.761
1.015 14.769
4/16/2016 1:25:00 PM 345300.000 73.511 17.980 167.555
28765.162 33219.152 20.957 22589.023 34.764
1.015 14.769
4/16/2016 1:30:00 PM 345600.000 73.495 17.980 167.517
28774.980 33230.492 20.965 22596.734 34.752
1.015 14.769
4/16/2016 1:35:00 PM 345900.000 73.517 17.980 167.568
28771.123 33225.902 20.962 22593.615 34.757
1.015 14.770
4/16/2016 1:40:00 PM 346200.000 73.507 17.981 167.545
28763.463 33216.930 20.956 22587.514 34.766
1.015 14.771
4/16/2016 1:45:00 PM 346500.000 73.488 17.981 167.502
28765.527 33219.258 20.957 22589.096 34.764
1.015 14.772
4/16/2016 1:50:00 PM 346800.000 73.483 17.981 167.490
28780.055 33236.031 20.969 22600.504 34.746

1.015 14.771
4/16/2016 1:55:00 PM 347100.000 73.483 17.981 167.490
28772.744 33227.648 20.963 22594.801 34.755
1.015 14.771
4/16/2016 2:00:00 PM 347400.000 73.479 17.980 167.481
28771.648 33226.578 20.962 22594.076 34.756
1.015 14.770
4/16/2016 2:05:00 PM 347700.000 73.496 17.980 167.520
28762.678 33216.094 20.955 22586.945 34.767
1.015 14.771
4/16/2016 2:10:00 PM 348000.000 73.498 17.980 167.525
28776.361 33231.898 20.966 22597.693 34.751
1.015 14.772
4/16/2016 2:15:00 PM 348300.000 73.493 17.980 167.514
28784.215 33240.969 20.972 22603.861 34.741
1.015 14.773
4/16/2016 2:20:00 PM 348600.000 73.474 17.981 167.471
28762.377 33215.676 20.955 22586.660 34.768
1.015 14.775
4/16/2016 2:25:00 PM 348900.000 73.486 17.980 167.497
28760.746 33213.863 20.954 22585.428 34.770
1.015 14.776
4/16/2016 2:30:00 PM 349200.000 73.486 17.981 167.497
28772.107 33226.785 20.963 22594.215 34.756
1.015 14.778
4/16/2016 2:35:00 PM 349500.000 73.487 17.980 167.499
28766.221 33220.438 20.958 22589.898 34.763
1.015 14.774
4/16/2016 2:40:00 PM 349800.000 73.488 17.980 167.501
28771.314 33226.191 20.962 22593.811 34.757
1.015 14.771
4/16/2016 2:45:00 PM 350100.000 73.492 17.980 167.512
28778.092 33234.016 20.968 22599.133 34.749
1.015 14.767
4/16/2016 2:50:00 PM 350400.000 73.491 17.981 167.508
28755.902 33208.199 20.950 22581.578 34.775
1.015 14.768
4/16/2016 2:55:00 PM 350700.000 73.490 17.981 167.507
28761.396 33214.414 20.954 22585.805 34.769
1.015 14.770
4/16/2016 3:00:00 PM 351000.000 73.484 17.980 167.493
28755.188 33207.500 20.949 22581.100 34.776
1.015 14.771
4/16/2016 3:05:00 PM 351300.000 73.478 17.981 167.479
28780.635 33236.758 20.969 22600.998 34.746
1.015 14.774
4/16/2016 3:10:00 PM 351600.000 73.474 17.981 167.471
28767.305 33221.238 20.959 22590.443 34.762
1.015 14.776
4/16/2016 3:15:00 PM 351900.000 73.451 17.980 167.418
28763.467 33217.195 20.956 22587.693 34.766
1.015 14.778
4/16/2016 3:20:00 PM 352200.000 73.475 17.981 167.473
28775.893 33231.090 20.966 22597.141 34.751
1.015 14.774
4/16/2016 3:25:00 PM 352500.000 73.477 17.980 167.476
28769.105 33223.770 20.960 22592.164 34.760
1.015 14.771

4/16/2016 3:30:00 PM	352800.000	73.481	17.981	167.485
28777.027	33232.465	20.966	22598.078	34.750
1.015	14.767			
4/16/2016 3:35:00 PM	353100.000	73.485	17.980	167.494
28770.043	33224.602	20.961	22592.730	34.758
1.015	14.766			
4/16/2016 3:40:00 PM	353400.000	73.480	17.980	167.485
28772.547	33227.492	20.963	22594.695	34.755
1.015	14.766			
4/16/2016 3:45:00 PM	353700.000	73.480	17.981	167.484
28768.373	33222.473	20.960	22591.281	34.760
1.015	14.765			
4/16/2016 3:50:00 PM	354000.000	73.475	17.981	167.472
28768.865	33223.109	20.960	22591.717	34.760
1.015	14.765			
4/16/2016 3:55:00 PM	354300.000	73.477	17.981	167.476
28759.783	33212.680	20.953	22584.623	34.771
1.015	14.766			
4/16/2016 4:00:00 PM	354600.000	73.475	17.980	167.473
28782.736	33239.633	20.971	22602.953	34.743
1.015	14.766			
4/16/2016 4:05:00 PM	354900.000	73.475	17.980	167.472
28770.676	33225.332	20.962	22593.227	34.758
1.015	14.764			
4/16/2016 4:10:00 PM	355200.000	73.460	17.980	167.439
28755.477	33208.031	20.950	22581.463	34.776
1.015	14.762			
4/16/2016 4:15:00 PM	355500.000	73.478	17.981	167.480
28768.195	33222.203	20.959	22591.100	34.761
1.015	14.761			
4/16/2016 4:20:00 PM	355800.000	73.456	17.980	167.428
28782.154	33238.586	20.971	22602.240	34.744
1.015	14.763			
4/16/2016 4:25:00 PM	356100.000	73.470	17.981	167.461
28752.936	33204.773	20.947	22579.246	34.779
1.015	14.766			
4/16/2016 4:30:00 PM	356400.000	73.472	17.980	167.465
28756.707	33209.387	20.950	22582.385	34.774
1.015	14.768			
4/16/2016 4:35:00 PM	356700.000	73.476	17.980	167.475
28775.492	33231.145	20.966	22597.180	34.752
1.015	14.765			
4/16/2016 4:40:00 PM	357000.000	73.458	17.980	167.434
28765.637	33219.566	20.958	22589.307	34.764
1.015	14.762			
4/16/2016 4:45:00 PM	357300.000	73.479	17.980	167.481
28791.250	33249.215	20.978	22609.469	34.733
1.015	14.759			
4/16/2016 4:50:00 PM	357600.000	73.486	17.980	167.497
28777.969	33233.941	20.967	22599.080	34.749
1.015	14.758			
4/16/2016 4:55:00 PM	357900.000	73.481	17.980	167.486
28766.260	33220.352	20.958	22589.842	34.763
1.015	14.758			
4/16/2016 5:00:00 PM	358200.000	73.484	17.981	167.492
28765.031	33218.742	20.957	22588.746	34.764
1.015	14.757			
4/16/2016 5:05:00 PM	358500.000	73.488	17.980	167.502

28776.318 33232.168 20.966 22597.875 34.751
1.015 14.758
4/16/2016 5:10:00 PM 358800.000 73.484 17.981 167.493
28783.010 33239.375 20.971 22602.775 34.743
1.015 14.759
4/16/2016 5:15:00 PM 359100.000 73.480 17.981 167.484
28774.254 33229.262 20.964 22595.900 34.753
1.015 14.760
4/16/2016 5:20:00 PM 359400.000 73.486 17.981 167.497
28782.826 33239.234 20.971 22602.680 34.743
1.015 14.759
4/16/2016 5:25:00 PM 359700.000 73.488 17.980 167.502
28772.533 33227.477 20.963 22594.686 34.755
1.015 14.759
4/16/2016 5:30:00 PM 360000.000 73.492 17.981 167.510
28775.789 33231.105 20.966 22597.152 34.751
1.015 14.758
4/16/2016 5:35:00 PM 360300.000 73.489 17.980 167.504
28765.313 33219.258 20.957 22589.096 34.764
1.015 14.759
4/16/2016 5:40:00 PM 360600.000 73.492 17.980 167.510
28760.082 33213.152 20.953 22584.943 34.770
1.015 14.759
4/16/2016 5:45:00 PM 360900.000 73.495 17.981 167.517
28780.523 33236.633 20.969 22600.912 34.746
1.015 14.760
4/16/2016 5:50:00 PM 361200.000 73.475 17.980 167.473
28761.863 33215.156 20.954 22586.307 34.768
1.015 14.760
4/16/2016 5:55:00 PM 361500.000 73.493 17.980 167.513
28768.855 33223.480 20.960 22591.969 34.760
1.015 14.760
4/16/2016 6:00:00 PM 361800.000 73.494 17.980 167.516
28759.420 33212.520 20.953 22584.514 34.771
1.015 14.759
4/16/2016 6:05:00 PM 362100.000 73.500 17.980 167.529
28762.092 33215.539 20.955 22586.566 34.768
1.015 14.758
4/16/2016 6:10:00 PM 362400.000 73.480 17.981 167.482
28773.439 33228.395 20.964 22595.311 34.754
1.015 14.756
4/16/2016 6:15:00 PM 362700.000 73.488 17.980 167.502
28767.512 33221.734 20.959 22590.779 34.761
1.015 14.755
4/16/2016 6:20:00 PM 363000.000 73.507 17.980 167.545
28759.508 33212.754 20.953 22584.676 34.771
1.015 14.754
4/16/2016 6:25:00 PM 363300.000 73.495 17.980 167.517
28784.648 33241.840 20.973 22604.451 34.741
1.015 14.753
4/16/2016 6:30:00 PM 363600.000 73.514 17.980 167.561
28774.037 33229.215 20.964 22595.869 34.754
1.015 14.752
4/16/2016 6:35:00 PM 363900.000 73.495 17.980 167.517
28780.412 33236.695 20.969 22600.953 34.746
1.015 14.754
4/16/2016 6:40:00 PM 364200.000 73.515 17.981 167.563
28763.813 33217.332 20.956 22587.785 34.766

1.015	14.755			
4/16/2016 6:45:00 PM	364500.000	73.515	17.980	167.562
28758.619	33211.410	20.952	22583.762	34.772
1.015	14.757			
4/16/2016 6:50:00 PM	364800.000	73.496	17.980	167.519
28763.008	33216.598	20.955	22587.287	34.767
1.015	14.756			
4/16/2016 6:55:00 PM	365100.000	73.520	17.980	167.575
28793.348	33251.703	20.980	22611.158	34.730
1.015	14.755			
4/16/2016 7:00:00 PM	365400.000	73.523	17.981	167.581
28779.338	33235.203	20.968	22599.939	34.747
1.015	14.755			
4/16/2016 7:05:00 PM	365700.000	73.524	17.980	167.584
28776.084	33231.578	20.966	22597.473	34.751
1.015	14.757			
4/16/2016 7:10:00 PM	366000.000	73.528	17.981	167.593
28770.031	33224.516	20.961	22592.670	34.758
1.015	14.759			
4/16/2016 7:15:00 PM	366300.000	73.525	17.981	167.586
28775.012	33230.266	20.965	22596.580	34.752
1.015	14.760			
4/16/2016 7:20:00 PM	366600.000	73.530	17.981	167.596
28778.678	33234.309	20.968	22599.330	34.748
1.015	14.759			
4/16/2016 7:25:00 PM	366900.000	73.536	17.981	167.612
28776.742	33232.137	20.966	22597.855	34.750
1.015	14.757			
4/16/2016 7:30:00 PM	367200.000	73.534	17.981	167.607
28757.863	33210.461	20.951	22583.115	34.773
1.015	14.755			
4/16/2016 7:35:00 PM	367500.000	73.537	17.980	167.612
28794.748	33253.254	20.981	22612.213	34.729
1.015	14.755			
4/16/2016 7:40:00 PM	367800.000	73.539	17.980	167.618
28768.771	33223.133	20.960	22591.732	34.760
1.015	14.754			
4/16/2016 7:45:00 PM	368100.000	73.549	17.980	167.640
28761.686	33215.203	20.954	22586.338	34.768
1.015	14.754			
4/16/2016 7:50:00 PM	368400.000	73.548	17.980	167.639
28746.594	33197.574	20.942	22574.352	34.787
1.015	14.755			
4/16/2016 7:55:00 PM	368700.000	73.546	17.981	167.634
28770.541	33225.047	20.961	22593.033	34.758
1.015	14.757			
4/16/2016 8:00:00 PM	369000.000	73.525	17.980	167.586
28768.168	33222.625	20.960	22591.385	34.761
1.015	14.759			
4/16/2016 8:05:00 PM	369300.000	73.528	17.980	167.593
28775.594	33231.066	20.966	22597.127	34.752
1.015	14.758			
4/16/2016 8:10:00 PM	369600.000	73.529	17.980	167.596
28775.887	33231.406	20.966	22597.359	34.751
1.015	14.756			
4/16/2016 8:15:00 PM	369900.000	73.553	17.980	167.649
28762.537	33215.934	20.955	22586.838	34.767
1.015	14.755			

4/16/2016 8:20:00 PM	370200.000	73.562	17.980	167.671
28766.715	33221.129	20.959	22590.369	34.762
1.015	14.755			
4/16/2016 8:25:00 PM	370500.000	73.564	17.980	167.675
28759.643	33213.035	20.953	22584.863	34.771
1.015	14.755			
4/16/2016 8:30:00 PM	370800.000	73.540	17.981	167.620
28789.635	33246.961	20.977	22607.936	34.735
1.015	14.755			
4/16/2016 8:35:00 PM	371100.000	73.563	17.980	167.673
28770.205	33224.789	20.961	22592.859	34.758
1.015	14.754			
4/16/2016 8:40:00 PM	371400.000	73.550	17.980	167.643
28771.484	33226.320	20.962	22593.898	34.757
1.015	14.754			
4/16/2016 8:45:00 PM	371700.000	73.571	17.980	167.692
28761.385	33214.656	20.954	22585.969	34.769
1.015	14.754			
4/16/2016 8:50:00 PM	372000.000	73.550	17.980	167.643
28772.471	33227.406	20.963	22594.637	34.755
1.015	14.754			
4/16/2016 8:55:00 PM	372300.000	73.571	17.980	167.691
28776.943	33232.758	20.967	22598.275	34.750
1.015	14.755			
4/16/2016 9:00:00 PM	372600.000	73.547	17.980	167.636
28763.041	33216.766	20.956	22587.402	34.767
1.015	14.756			
4/16/2016 9:05:00 PM	372900.000	73.567	17.980	167.682
28757.508	33210.246	20.951	22582.967	34.774
1.015	14.758			
4/16/2016 9:10:00 PM	373200.000	73.571	17.980	167.692
28776.627	33232.391	20.966	22598.025	34.750
1.015	14.759			
4/16/2016 9:15:00 PM	373500.000	73.572	17.981	167.692
28786.736	33243.750	20.974	22605.752	34.738
1.015	14.760			
4/16/2016 9:20:00 PM	373800.000	73.576	17.980	167.702
28777.656	33233.582	20.967	22598.836	34.749
1.015	14.761			
4/16/2016 9:25:00 PM	374100.000	73.556	17.980	167.656
28772.051	33226.977	20.963	22594.346	34.756
1.015	14.762			
4/16/2016 9:30:00 PM	374400.000	73.553	17.980	167.650
28785.018	33242.082	20.973	22604.615	34.740
1.015	14.762			
4/16/2016 9:35:00 PM	374700.000	73.574	17.981	167.697
28766.627	33220.582	20.958	22589.996	34.763
1.015	14.761			
4/16/2016 9:40:00 PM	375000.000	73.579	17.980	167.710
28773.975	33229.516	20.964	22596.070	34.754
1.015	14.761			
4/16/2016 9:45:00 PM	375300.000	73.583	17.980	167.717
28780.873	33237.230	20.970	22601.318	34.745
1.015	14.760			
4/16/2016 9:50:00 PM	375600.000	73.577	17.980	167.705
28773.898	33229.109	20.964	22595.797	34.754
1.015	14.762			
4/16/2016 9:55:00 PM	375900.000	73.558	17.981	167.662

28782.781 33239.238 20.971 22602.682 34.743
1.015 14.764
4/16/2016 10:00:00 PM 376200.000 73.582 17.980 167.715
28796.133 33255.047 20.982 22613.432 34.727
1.015 14.766
4/16/2016 10:05:00 PM 376500.000 73.578 17.980 167.707
28773.078 33228.160 20.963 22595.150 34.755
1.015 14.766
4/16/2016 10:10:00 PM 376800.000 73.578 17.980 167.708
28779.080 33235.160 20.968 22599.908 34.747
1.015 14.765
4/16/2016 10:15:00 PM 377100.000 73.584 17.981 167.721
28780.963 33236.945 20.970 22601.123 34.745
1.015 14.765
4/16/2016 10:20:00 PM 377400.000 73.580 17.981 167.713
28789.764 33247.246 20.977 22608.127 34.735
1.015 14.765
4/16/2016 10:25:00 PM 377700.000 73.581 17.980 167.714
28755.750 33208.094 20.950 22581.504 34.776
1.015 14.764
4/16/2016 10:30:00 PM 378000.000 73.582 17.980 167.716
28761.336 33214.547 20.954 22585.895 34.769
1.015 14.763
4/16/2016 10:35:00 PM 378300.000 73.564 17.981 167.676
28773.385 33228.328 20.964 22595.264 34.754
1.015 14.762
4/16/2016 10:40:00 PM 378600.000 73.586 17.980 167.726
28780.098 33236.211 20.969 22600.625 34.746
1.015 14.760
4/16/2016 10:45:00 PM 378900.000 73.587 17.980 167.727
28761.105 33214.469 20.954 22585.840 34.769
1.015 14.759
4/16/2016 10:50:00 PM 379200.000 73.584 17.980 167.720
28756.896 33209.793 20.951 22582.660 34.774
1.015 14.759
4/16/2016 10:55:00 PM 379500.000 73.583 17.980 167.719
28769.162 33223.641 20.960 22592.078 34.759
1.015 14.759
4/16/2016 11:00:00 PM 379800.000 73.586 17.980 167.726
28775.477 33230.996 20.965 22597.078 34.752
1.015 14.759
4/16/2016 11:05:00 PM 380100.000 73.582 17.980 167.717
28769.279 33224.039 20.961 22592.348 34.759
1.015 14.760
4/16/2016 11:10:00 PM 380400.000 73.580 17.980 167.712
28771.787 33226.934 20.963 22594.314 34.756
1.015 14.761
4/16/2016 11:15:00 PM 380700.000 73.577 17.980 167.705
28783.330 33240.262 20.972 22603.381 34.742
1.015 14.762
4/16/2016 11:20:00 PM 381000.000 73.579 17.980 167.708
28775.799 33231.371 20.966 22597.334 34.751
1.015 14.759
4/16/2016 11:25:00 PM 381300.000 73.581 17.980 167.714
28775.496 33231.020 20.965 22597.096 34.752
1.015 14.757
4/16/2016 11:30:00 PM 381600.000 73.584 17.981 167.722
28767.488 33221.520 20.959 22590.633 34.761

1.015 14.755
4/16/2016 11:35:00 PM 381900.000 73.577 17.980 167.704
28758.332 33211.133 20.952 22583.570 34.773
1.015 14.757
4/16/2016 11:40:00 PM 382200.000 73.556 17.981 167.657
28780.203 33236.203 20.969 22600.621 34.746
1.015 14.760
4/16/2016 11:45:00 PM 382500.000 73.572 17.981 167.693
28784.260 33240.754 20.972 22603.715 34.741
1.015 14.763
4/16/2016 11:50:00 PM 382800.000 73.575 17.980 167.701
28775.359 33230.797 20.965 22596.943 34.752
1.015 14.762
4/16/2016 11:55:00 PM 383100.000 73.552 17.980 167.647
28773.936 33229.219 20.964 22595.871 34.754
1.015 14.762
4/17/2016 12:00:00 AM 383400.000 73.573 17.981 167.695
28783.770 33240.324 20.972 22603.420 34.742
1.015 14.761
4/17/2016 12:05:00 AM 383700.000 73.572 17.980 167.694
28764.908 33218.727 20.957 22588.736 34.765
1.015 14.761
4/17/2016 12:10:00 AM 384000.000 73.570 17.981 167.688
28757.529 33210.020 20.951 22582.814 34.774
1.015 14.762
4/17/2016 12:15:00 AM 384300.000 73.566 17.980 167.679
28773.174 33228.273 20.964 22595.229 34.755
1.015 14.762
4/17/2016 12:20:00 AM 384600.000 73.563 17.980 167.673
28769.230 33223.664 20.960 22592.092 34.759
1.015 14.760
4/17/2016 12:25:00 AM 384900.000 73.563 17.980 167.673
28779.051 33235.059 20.968 22599.840 34.747
1.015 14.757
4/17/2016 12:30:00 AM 385200.000 73.569 17.980 167.688
28765.389 33219.281 20.957 22589.113 34.764
1.015 14.755
4/17/2016 12:35:00 AM 385500.000 73.548 17.980 167.638
28765.727 33219.805 20.958 22589.469 34.764
1.015 14.754
4/17/2016 12:40:00 AM 385800.000 73.567 17.981 167.683
28769.986 33224.461 20.961 22592.635 34.758
1.015 14.752
4/17/2016 12:45:00 AM 386100.000 73.571 17.980 167.691
28775.529 33231.383 20.966 22597.342 34.752
1.015 14.751
4/17/2016 12:50:00 AM 386400.000 73.562 17.980 167.670
28771.119 33225.898 20.962 22593.613 34.757
1.015 14.753
4/17/2016 12:55:00 AM 386700.000 73.562 17.980 167.670
28776.293 33232.191 20.966 22597.891 34.751
1.015 14.755
4/17/2016 1:00:00 AM 387000.000 73.560 17.980 167.666
28758.096 33211.121 20.952 22583.563 34.773
1.015 14.757
4/17/2016 1:05:00 AM 387300.000 73.557 17.980 167.660
28769.801 33224.641 20.961 22592.756 34.759
1.015 14.756

4/17/2016 1:10:00 AM	387600.000	73.553	17.980	167.649
28780.176	33236.426	20.969	22600.771	34.746
1.015	14.754			
4/17/2016 1:15:00 AM	387900.000	73.561	17.981	167.668
28767.742	33221.742	20.959	22590.785	34.761
1.015	14.752			
4/17/2016 1:20:00 AM	388200.000	73.532	17.980	167.603
28780.922	33237.418	20.970	22601.445	34.745
1.015	14.754			
4/17/2016 1:25:00 AM	388500.000	73.549	17.981	167.640
28780.146	33236.004	20.969	22600.482	34.746
1.015	14.755			
4/17/2016 1:30:00 AM	388800.000	73.550	17.981	167.644
28772.658	33227.492	20.963	22594.695	34.755
1.015	14.756			
4/17/2016 1:35:00 AM	389100.000	73.548	17.980	167.639
28771.623	33226.613	20.962	22594.100	34.756
1.015	14.755			
4/17/2016 1:40:00 AM	389400.000	73.545	17.981	167.633
28757.531	33210.078	20.951	22582.855	34.773
1.015	14.755			
4/17/2016 1:45:00 AM	389700.000	73.547	17.980	167.637
28778.182	33234.055	20.968	22599.160	34.749
1.015	14.754			
4/17/2016 1:50:00 AM	390000.000	73.524	17.980	167.584
28775.531	33230.938	20.965	22597.039	34.752
1.015	14.754			
4/17/2016 1:55:00 AM	390300.000	73.542	17.980	167.625
28757.939	33210.746	20.951	22583.307	34.773
1.015	14.754			
4/17/2016 2:00:00 AM	390600.000	73.539	17.980	167.619
28765.234	33219.168	20.957	22589.037	34.764
1.015	14.754			
4/17/2016 2:05:00 AM	390900.000	73.538	17.980	167.615
28789.949	33247.777	20.977	22608.490	34.734
1.015	14.753			
4/17/2016 2:10:00 AM	391200.000	73.534	17.980	167.607
28787.541	33244.996	20.975	22606.598	34.737
1.015	14.752			
4/17/2016 2:15:00 AM	391500.000	73.517	17.980	167.568
28778.783	33234.883	20.968	22599.723	34.748
1.015	14.751			
4/17/2016 2:20:00 AM	391800.000	73.517	17.981	167.568
28783.164	33239.625	20.971	22602.947	34.743
1.015	14.750			
4/17/2016 2:25:00 AM	392100.000	73.537	17.981	167.613
28762.059	33215.250	20.955	22586.373	34.768
1.015	14.749			
4/17/2016 2:30:00 AM	392400.000	73.515	17.980	167.563
28747.637	33198.977	20.943	22575.307	34.785
1.015	14.748			
4/17/2016 2:35:00 AM	392700.000	73.515	17.980	167.563
28761.281	33214.539	20.954	22585.889	34.769
1.015	14.748			
4/17/2016 2:40:00 AM	393000.000	73.531	17.980	167.600
28784.594	33241.656	20.973	22604.328	34.741
1.015	14.748			
4/17/2016 2:45:00 AM	393300.000	73.528	17.980	167.593

28774.287 33229.754 20.965 22596.232 34.753
1.015 14.748
4/17/2016 2:50:00 AM 393600.000 73.529 17.981 167.595
28773.121 33228.082 20.963 22595.096 34.755
1.015 14.747
4/17/2016 2:55:00 AM 393900.000 73.525 17.980 167.586
28773.518 33228.801 20.964 22595.584 34.754
1.015 14.747
4/17/2016 3:00:00 AM 394200.000 73.526 17.980 167.589
28765.734 33219.879 20.958 22589.520 34.764
1.015 14.746
4/17/2016 3:05:00 AM 394500.000 73.523 17.981 167.581
28772.311 33227.090 20.963 22594.424 34.756
1.015 14.747
4/17/2016 3:10:00 AM 394800.000 73.525 17.980 167.586
28757.666 33210.363 20.951 22583.049 34.773
1.015 14.748
4/17/2016 3:15:00 AM 395100.000 73.522 17.980 167.578
28780.352 33236.879 20.970 22601.080 34.746
1.015 14.748
4/17/2016 3:20:00 AM 395400.000 73.519 17.980 167.573
28768.996 33223.391 20.960 22591.908 34.760
1.015 14.747
4/17/2016 3:25:00 AM 395700.000 73.521 17.981 167.578
28774.906 33230.145 20.965 22596.498 34.753
1.015 14.746
4/17/2016 3:30:00 AM 396000.000 73.524 17.980 167.585
28770.156 33225.051 20.961 22593.037 34.758
1.015 14.745
4/17/2016 3:35:00 AM 396300.000 73.498 17.980 167.525
28761.602 33214.973 20.954 22586.184 34.769
1.015 14.745
4/17/2016 3:40:00 AM 396600.000 73.519 17.980 167.573
28770.211 33224.984 20.961 22592.990 34.758
1.015 14.745
4/17/2016 3:45:00 AM 396900.000 73.520 17.980 167.574
28764.350 33218.277 20.957 22588.430 34.765
1.015 14.745
4/17/2016 3:50:00 AM 397200.000 73.521 17.980 167.578
28781.479 33238.180 20.970 22601.963 34.745
1.015 14.742
4/17/2016 3:55:00 AM 397500.000 73.522 17.980 167.579
28778.008 33233.922 20.967 22599.068 34.749
1.015 14.739
4/17/2016 4:00:00 AM 397800.000 73.526 17.980 167.589
28771.371 33226.258 20.962 22593.857 34.757
1.015 14.736
4/17/2016 4:05:00 AM 398100.000 73.522 17.980 167.580
28789.098 33246.980 20.977 22607.949 34.735
1.015 14.737
4/17/2016 4:10:00 AM 398400.000 73.522 17.980 167.580
28778.553 33234.680 20.968 22599.582 34.748
1.015 14.738
4/17/2016 4:15:00 AM 398700.000 73.524 17.981 167.583
28756.797 33209.230 20.950 22582.279 34.774
1.015 14.739
4/17/2016 4:20:00 AM 399000.000 73.519 17.980 167.573
28761.471 33214.758 20.954 22586.037 34.769

1.015 14.740
4/17/2016 4:25:00 AM 399300.000 73.517 17.980 167.568
28775.242 33230.855 20.965 22596.982 34.752
1.015 14.741
4/17/2016 4:30:00 AM 399600.000 73.494 17.980 167.514
28760.375 33213.559 20.953 22585.223 34.770
1.015 14.742
4/17/2016 4:35:00 AM 399900.000 73.517 17.980 167.569
28764.881 33218.828 20.957 22588.805 34.765
1.015 14.740
4/17/2016 4:40:00 AM 400200.000 73.514 17.981 167.560
28778.148 33233.695 20.967 22598.914 34.749
1.015 14.739
4/17/2016 4:45:00 AM 400500.000 73.522 17.981 167.578
28786.740 33243.684 20.974 22605.705 34.738
1.015 14.737
4/17/2016 4:50:00 AM 400800.000 73.522 17.980 167.578
28765.609 33219.801 20.958 22589.467 34.764
1.015 14.738
4/17/2016 4:55:00 AM 401100.000 73.500 17.980 167.528
28760.969 33214.309 20.954 22585.732 34.769
1.015 14.739
4/17/2016 5:00:00 AM 401400.000 73.521 17.980 167.576
28782.260 33238.898 20.971 22602.451 34.744
1.015 14.740
4/17/2016 5:05:00 AM 401700.000 73.517 17.980 167.569
28759.639 33212.836 20.953 22584.730 34.771
1.015 14.739
4/17/2016 5:10:00 AM 402000.000 73.524 17.980 167.583
28755.428 33207.777 20.949 22581.289 34.776
1.015 14.739
4/17/2016 5:15:00 AM 402300.000 73.520 17.980 167.576
28784.918 33241.969 20.973 22604.539 34.740
1.015 14.738
4/17/2016 5:20:00 AM 402600.000 73.519 17.980 167.573
28768.260 33223.051 20.960 22591.676 34.761
1.015 14.738
4/17/2016 5:25:00 AM 402900.000 73.523 17.980 167.582
28783.652 33240.570 20.972 22603.588 34.742
1.015 14.738
4/17/2016 5:30:00 AM 403200.000 73.503 17.980 167.536
28778.740 33234.699 20.968 22599.596 34.748
1.015 14.738
4/17/2016 5:35:00 AM 403500.000 73.524 17.980 167.583
28774.547 33229.988 20.965 22596.395 34.753
1.015 14.737
4/17/2016 5:40:00 AM 403800.000 73.527 17.980 167.591
28757.414 33210.203 20.951 22582.939 34.774
1.015 14.735
4/17/2016 5:45:00 AM 404100.000 73.530 17.980 167.598
28789.268 33247.250 20.977 22608.131 34.735
1.015 14.734
4/17/2016 5:50:00 AM 404400.000 73.512 17.980 167.556
28768.988 33223.637 20.960 22592.074 34.760
1.015 14.732
4/17/2016 5:55:00 AM 404700.000 73.515 17.980 167.563
28783.971 33240.742 20.972 22603.707 34.742
1.015 14.731

4/17/2016 6:00:00 AM	405000.000	73.535	17.980	167.610
28755.740	33208.207	20.950	22581.582	34.776
1.015	14.729			
4/17/2016 6:05:00 AM	405300.000	73.516	17.981	167.566
28768.316	33222.281	20.959	22591.154	34.760
1.015	14.730			
4/17/2016 6:10:00 AM	405600.000	73.534	17.980	167.606
28765.893	33219.930	20.958	22589.555	34.763
1.015	14.731			
4/17/2016 6:15:00 AM	405900.000	73.536	17.980	167.612
28766.520	33220.586	20.958	22589.998	34.763
1.015	14.733			
4/17/2016 6:20:00 AM	406200.000	73.544	17.980	167.630
28765.152	33218.953	20.957	22588.891	34.764
1.015	14.733			
4/17/2016 6:25:00 AM	406500.000	73.541	17.980	167.622
28765.691	33219.762	20.958	22589.439	34.764
1.015	14.733			
4/17/2016 6:30:00 AM	406800.000	73.527	17.980	167.591
28769.297	33224.059	20.961	22592.359	34.759
1.015	14.733			
4/17/2016 6:35:00 AM	407100.000	73.541	17.980	167.624
28777.506	33233.664	20.967	22598.895	34.749
1.015	14.735			
4/17/2016 6:40:00 AM	407400.000	73.547	17.980	167.636
28771.961	33227.004	20.963	22594.363	34.756
1.015	14.736			
4/17/2016 6:45:00 AM	407700.000	73.520	17.980	167.575
28782.365	33238.832	20.971	22602.408	34.743
1.015	14.738			
4/17/2016 6:50:00 AM	408000.000	73.544	17.980	167.630
28746.121	33197.031	20.942	22573.984	34.787
1.015	14.736			
4/17/2016 6:55:00 AM	408300.000	73.531	17.980	167.600
28755.107	33207.727	20.949	22581.256	34.776
1.015	14.735			
4/17/2016 7:00:00 AM	408600.000	73.532	17.980	167.603
28768.041	33222.539	20.960	22591.328	34.761
1.015	14.733			
4/17/2016 7:05:00 AM	408900.000	73.551	17.980	167.646
28767.945	33222.234	20.959	22591.119	34.761
1.015	14.733			
4/17/2016 7:10:00 AM	409200.000	73.556	17.980	167.657
28765.807	33219.832	20.958	22589.486	34.763
1.015	14.734			
4/17/2016 7:15:00 AM	409500.000	73.535	17.980	167.610
28767.729	33222.301	20.959	22591.166	34.761
1.015	14.734			
4/17/2016 7:20:00 AM	409800.000	73.558	17.980	167.662
28779.418	33235.484	20.969	22600.131	34.747
1.015	14.734			
4/17/2016 7:25:00 AM	410100.000	73.559	17.980	167.664
28775.691	33231.441	20.966	22597.381	34.752
1.015	14.734			
4/17/2016 7:30:00 AM	410400.000	73.544	17.980	167.629
28752.709	33204.770	20.947	22579.244	34.779
1.015	14.734			
4/17/2016 7:35:00 AM	410700.000	73.560	17.980	167.667

28766.760 33220.930 20.958 22590.232 34.762
1.015 14.736
4/17/2016 7:40:00 AM 411000.000 73.558 17.980 167.661
28777.748 33233.871 20.967 22599.033 34.749
1.015 14.738
4/17/2016 7:45:00 AM 411300.000 73.556 17.980 167.657
28774.854 33230.406 20.965 22596.678 34.753
1.015 14.740
4/17/2016 7:50:00 AM 411600.000 73.564 17.980 167.675
28762.268 33215.742 20.955 22586.707 34.768
1.015 14.737
4/17/2016 7:55:00 AM 411900.000 73.550 17.981 167.642
28782.285 33238.609 20.971 22602.254 34.744
1.015 14.733
4/17/2016 8:00:00 AM 412200.000 73.570 17.980 167.689
28781.238 33237.586 20.970 22601.561 34.745
1.015 14.730
4/17/2016 8:05:00 AM 412500.000 73.572 17.980 167.694
28766.457 33220.516 20.958 22589.953 34.763
1.015 14.732
4/17/2016 8:10:00 AM 412800.000 73.572 17.980 167.694
28784.055 33240.969 20.972 22603.861 34.741
1.015 14.733
4/17/2016 8:15:00 AM 413100.000 73.572 17.980 167.694
28766.000 33219.988 20.958 22589.592 34.763
1.015 14.735
4/17/2016 8:20:00 AM 413400.000 73.570 17.980 167.690
28768.883 33223.512 20.960 22591.990 34.760
1.015 14.736
4/17/2016 8:25:00 AM 413700.000 73.568 17.980 167.683
28790.551 33248.656 20.978 22609.088 34.734
1.015 14.737
4/17/2016 8:30:00 AM 414000.000 73.571 17.980 167.692
28780.289 33236.555 20.969 22600.859 34.746
1.015 14.738
4/17/2016 8:35:00 AM 414300.000 73.554 17.980 167.653
28762.629 33216.227 20.955 22587.035 34.767
1.015 14.738
4/17/2016 8:40:00 AM 414600.000 73.552 17.980 167.647
28768.850 33223.277 20.960 22591.830 34.760
1.015 14.738
4/17/2016 8:45:00 AM 414900.000 73.555 17.980 167.655
28760.893 33214.285 20.954 22585.717 34.769
1.015 14.738
4/17/2016 8:50:00 AM 415200.000 73.576 17.980 167.702
28764.482 33218.430 20.957 22588.533 34.765
1.015 14.738
4/17/2016 8:55:00 AM 415500.000 73.574 17.981 167.697
28757.098 33209.578 20.951 22582.514 34.774
1.015 14.738
4/17/2016 9:00:00 AM 415800.000 73.580 17.980 167.710
28763.434 33217.090 20.956 22587.621 34.766
1.015 14.738
4/17/2016 9:05:00 AM 416100.000 73.582 17.981 167.716
28770.771 33225.371 20.962 22593.252 34.757
1.015 14.736
4/17/2016 9:10:00 AM 416400.000 73.581 17.980 167.713
28773.521 33228.871 20.964 22595.635 34.754

1.015 14.734
4/17/2016 9:15:00 AM 416700.000 73.585 17.981 167.723
28784.242 33240.926 20.972 22603.830 34.741
1.015 14.732
4/17/2016 9:20:00 AM 417000.000 73.592 17.980 167.738
28773.385 33228.582 20.964 22595.436 34.754
1.015 14.731
4/17/2016 9:25:00 AM 417300.000 73.586 17.980 167.726
28774.113 33229.488 20.964 22596.055 34.753
1.015 14.729
4/17/2016 9:30:00 AM 417600.000 73.591 17.980 167.737
28757.174 33210.184 20.951 22582.928 34.774
1.015 14.727
4/17/2016 9:35:00 AM 417900.000 73.592 17.980 167.738
28762.029 33215.535 20.955 22586.564 34.768
1.015 14.729
4/17/2016 9:40:00 AM 418200.000 73.590 17.980 167.734
28777.291 33233.223 20.967 22598.592 34.750
1.015 14.730
4/17/2016 9:45:00 AM 418500.000 73.587 17.980 167.728
28772.146 33227.348 20.963 22594.598 34.756
1.015 14.731
4/17/2016 9:50:00 AM 418800.000 73.589 17.980 167.732
28766.732 33221.031 20.959 22590.301 34.762
1.015 14.730
4/17/2016 9:55:00 AM 419100.000 73.594 17.980 167.743
28775.518 33231.109 20.966 22597.154 34.752
1.015 14.729
4/17/2016 10:00:00 AM 419400.000 73.591 17.980 167.737
28775.541 33231.137 20.966 22597.176 34.752
1.015 14.727
4/17/2016 10:05:00 AM 419700.000 73.591 17.980 167.736
28768.412 33222.906 20.960 22591.578 34.760
1.015 14.729
4/17/2016 10:10:00 AM 420000.000 73.587 17.980 167.727
28769.531 33224.066 20.961 22592.367 34.759
1.015 14.730
4/17/2016 10:15:00 AM 420300.000 73.588 17.980 167.729
28762.277 33215.820 20.955 22586.760 34.768
1.015 14.732
4/17/2016 10:20:00 AM 420600.000 73.587 17.980 167.728
28766.754 33220.992 20.959 22590.277 34.762
1.015 14.733
4/17/2016 10:25:00 AM 420900.000 73.566 17.980 167.680
28768.109 33222.488 20.960 22591.293 34.761
1.015 14.734
4/17/2016 10:30:00 AM 421200.000 73.581 17.980 167.714
28774.359 33229.902 20.965 22596.334 34.753
1.015 14.735
4/17/2016 10:35:00 AM 421500.000 73.584 17.980 167.721
28780.451 33236.871 20.970 22601.074 34.746
1.015 14.731
4/17/2016 10:40:00 AM 421800.000 73.589 17.980 167.732
28768.350 33222.766 20.960 22591.482 34.760
1.015 14.727
4/17/2016 10:45:00 AM 422100.000 73.593 17.980 167.742
28777.877 33233.648 20.967 22598.883 34.749
1.015 14.724

4/17/2016 10:50:00 AM 422400.000 73.567 17.980 167.682
28770.432 33225.238 20.961 22593.162 34.758
1.015 14.725
4/17/2016 10:55:00 AM 422700.000 73.588 17.980 167.731
28774.754 33230.293 20.965 22596.602 34.753
1.015 14.727
4/17/2016 11:00:00 AM 423000.000 73.584 17.980 167.720
28776.113 33231.668 20.966 22597.535 34.751
1.015 14.729
4/17/2016 11:05:00 AM 423300.000 73.562 17.980 167.671
28780.775 33237.566 20.970 22601.545 34.745
1.015 14.731
4/17/2016 11:10:00 AM 423600.000 73.579 17.980 167.710
28766.266 33220.492 20.958 22589.938 34.763
1.015 14.733
4/17/2016 11:15:00 AM 423900.000 73.577 17.981 167.705
28771.152 33225.617 20.962 22593.422 34.757
1.015 14.736
4/17/2016 11:20:00 AM 424200.000 73.576 17.980 167.701
28778.670 33234.750 20.968 22599.633 34.748
1.015 14.735
4/17/2016 11:25:00 AM 424500.000 73.567 17.980 167.683
28760.648 33214.199 20.954 22585.656 34.770
1.015 14.735
4/17/2016 11:30:00 AM 424800.000 73.552 17.980 167.647
28757.928 33210.863 20.951 22583.387 34.773
1.015 14.735
4/17/2016 11:35:00 AM 425100.000 73.553 17.980 167.650
28790.777 33248.863 20.978 22609.229 34.733
1.015 14.734
4/17/2016 11:40:00 AM 425400.000 73.567 17.980 167.682
28778.152 33234.340 20.968 22599.352 34.749
1.015 14.734
4/17/2016 11:45:00 AM 425700.000 73.567 17.980 167.681
28769.045 33223.766 20.960 22592.162 34.760
1.015 14.733
4/17/2016 11:50:00 AM 426000.000 73.566 17.980 167.680
28763.992 33217.984 20.956 22588.232 34.766
1.015 14.734
4/17/2016 11:55:00 AM 426300.000 73.547 17.980 167.636
28783.742 33240.867 20.972 22603.791 34.742
1.015 14.734
4/17/2016 12:00:00 PM 426600.000 73.557 17.980 167.659
28772.184 33227.645 20.963 22594.799 34.756
1.015 14.735
4/17/2016 12:05:00 PM 426900.000 73.564 17.980 167.674
28757.506 33210.242 20.951 22582.967 34.774
1.015 14.735
4/17/2016 12:10:00 PM 427200.000 73.557 17.980 167.659
28774.979 33230.746 20.965 22596.908 34.752
1.015 14.736
4/17/2016 12:15:00 PM 427500.000 73.561 17.980 167.668
28756.902 33209.676 20.951 22582.580 34.774
1.015 14.737
4/17/2016 12:20:00 PM 427800.000 73.559 17.980 167.664
28775.422 33231.320 20.966 22597.299 34.752
1.015 14.736
4/17/2016 12:25:00 PM 428100.000 73.557 17.981 167.660

28769.047 33223.320 20.960 22591.857 34.760
1.015 14.736
4/17/2016 12:30:00 PM 428400.000 73.558 17.980 167.661
28764.598 33218.563 20.957 22588.625 34.765
1.015 14.736
4/17/2016 12:35:00 PM 428700.000 73.552 17.980 167.648
28764.369 33218.367 20.957 22588.492 34.765
1.015 14.735
4/17/2016 12:40:00 PM 429000.000 73.549 17.980 167.642
28760.783 33214.414 20.954 22585.805 34.770
1.015 14.735
4/17/2016 12:45:00 PM 429300.000 73.532 17.980 167.603
28786.756 33244.152 20.975 22606.023 34.738
1.015 14.735
4/17/2016 12:50:00 PM 429600.000 73.530 17.980 167.597
28757.635 33210.590 20.951 22583.203 34.773
1.015 14.733
4/17/2016 12:55:00 PM 429900.000 73.523 17.980 167.581
28771.893 33226.859 20.963 22594.266 34.756
1.015 14.732
4/17/2016 1:00:00 PM 430200.000 73.521 17.980 167.577
28769.385 33224.215 20.961 22592.469 34.759
1.015 14.731
4/17/2016 1:05:00 PM 430500.000 73.539 17.980 167.619
28756.988 33209.777 20.951 22582.648 34.774
1.015 14.729
4/17/2016 1:10:00 PM 430800.000 73.540 17.980 167.621
28781.170 33237.449 20.970 22601.465 34.745
1.015 14.728
4/17/2016 1:15:00 PM 431100.000 73.542 17.980 167.624
28747.902 33199.031 20.943 22575.342 34.785
1.015 14.727
4/17/2016 1:20:00 PM 431400.000 73.518 17.980 167.569
28774.584 33230.098 20.965 22596.469 34.753
1.015 14.727
4/17/2016 1:25:00 PM 431700.000 73.517 17.980 167.567
28764.207 33217.918 20.956 22588.184 34.765
1.015 14.727
4/17/2016 1:30:00 PM 432000.000 73.533 17.980 167.604
28765.883 33219.918 20.958 22589.547 34.763
1.015 14.726
4/17/2016 1:35:00 PM 432300.000 73.531 17.980 167.600
28792.254 33250.305 20.979 22610.209 34.732
1.015 14.728
4/17/2016 1:40:00 PM 432600.000 73.527 17.980 167.590
28759.846 33213.332 20.953 22585.068 34.771
1.015 14.729
4/17/2016 1:45:00 PM 432900.000 73.523 17.980 167.581
28754.094 33206.555 20.948 22580.457 34.778
1.015 14.731
4/17/2016 1:50:00 PM 433200.000 73.523 17.980 167.582
28778.672 33234.688 20.968 22599.588 34.748
1.015 14.732
4/17/2016 1:55:00 PM 433500.000 73.498 17.981 167.525
28768.094 33222.277 20.959 22591.150 34.761
1.015 14.734
4/17/2016 2:00:00 PM 433800.000 73.513 17.980 167.559
28756.693 33209.305 20.950 22582.328 34.775

1.015 14.736
4/17/2016 2:05:00 PM 434100.000 73.514 17.980 167.562
28775.379 33231.016 20.965 22597.094 34.752
1.015 14.736
4/17/2016 2:10:00 PM 434400.000 73.515 17.980 167.563
28781.080 33237.719 20.970 22601.650 34.745
1.015 14.736
4/17/2016 2:15:00 PM 434700.000 73.511 17.980 167.553
28778.307 33234.781 20.968 22599.652 34.748
1.015 14.736
4/17/2016 2:20:00 PM 435000.000 73.506 17.980 167.542
28769.521 33224.445 20.961 22592.625 34.759
1.015 14.735
4/17/2016 2:25:00 PM 435300.000 73.505 17.980 167.540
28762.211 33215.613 20.955 22586.619 34.768
1.015 14.735
4/17/2016 2:30:00 PM 435600.000 73.488 17.980 167.501
28764.088 33218.043 20.956 22588.270 34.766
1.015 14.735
4/17/2016 2:35:00 PM 435900.000 73.504 17.980 167.538
28755.193 33207.703 20.949 22581.240 34.776
1.015 14.736
4/17/2016 2:40:00 PM 436200.000 73.494 17.980 167.515
28779.643 33236.133 20.969 22600.570 34.747
1.015 14.737
4/17/2016 2:45:00 PM 436500.000 73.498 17.980 167.525
28776.047 33232.105 20.966 22597.834 34.751
1.015 14.738
4/17/2016 2:50:00 PM 436800.000 73.496 17.980 167.519
28773.080 33228.164 20.963 22595.154 34.755
1.015 14.738
4/17/2016 2:55:00 PM 437100.000 73.495 17.980 167.517
28759.605 33212.668 20.953 22584.615 34.771
1.015 14.738
4/17/2016 3:00:00 PM 437400.000 73.471 17.981 167.463
28776.057 33231.414 20.966 22597.363 34.751
1.015 14.738
4/17/2016 3:05:00 PM 437700.000 73.491 17.980 167.510
28766.189 33220.660 20.958 22590.049 34.763
1.015 14.739
4/17/2016 3:10:00 PM 438000.000 73.468 17.980 167.456
28794.561 33253.234 20.981 22612.199 34.729
1.015 14.739
4/17/2016 3:15:00 PM 438300.000 73.482 17.980 167.488
28774.352 33229.895 20.965 22596.328 34.753
1.015 14.740
4/17/2016 3:20:00 PM 438600.000 73.485 17.980 167.495
28776.859 33232.918 20.967 22598.387 34.750
1.015 14.737
4/17/2016 3:25:00 PM 438900.000 73.481 17.980 167.487
28779.982 33236.648 20.969 22600.924 34.746
1.015 14.735
4/17/2016 3:30:00 PM 439200.000 73.489 17.980 167.504
28761.781 33215.113 20.954 22586.279 34.768
1.015 14.732
4/17/2016 3:35:00 PM 439500.000 73.488 17.980 167.502
28771.555 33226.793 20.963 22594.219 34.757
1.015 14.732

4/17/2016 3:40:00 PM	439800.000	73.484	17.980	167.493
28749.727	33201.586	20.945	22577.080	34.783
1.015	14.732			
4/17/2016 3:45:00 PM	440100.000	73.487	17.980	167.500
28766.264	33220.426	20.958	22589.891	34.763
1.015	14.732			
4/17/2016 3:50:00 PM	440400.000	73.480	17.980	167.484
28760.254	33213.547	20.953	22585.215	34.770
1.015	14.734			
4/17/2016 3:55:00 PM	440700.000	73.477	17.980	167.477
28765.066	33218.910	20.957	22588.859	34.764
1.015	14.735			
4/17/2016 4:00:00 PM	441000.000	73.475	17.980	167.471
28777.318	33233.254	20.967	22598.613	34.750
1.015	14.737			
4/17/2016 4:05:00 PM	441300.000	73.474	17.980	167.469
28780.152	33236.465	20.969	22600.797	34.746
1.015	14.736			
4/17/2016 4:10:00 PM	441600.000	73.475	17.980	167.471
28775.348	33231.172	20.966	22597.199	34.752
1.015	14.735			
4/17/2016 4:15:00 PM	441900.000	73.481	17.980	167.485
28779.367	33235.621	20.969	22600.223	34.747
1.015	14.734			
4/17/2016 4:20:00 PM	442200.000	73.460	17.980	167.439
28757.590	33210.789	20.951	22583.338	34.773
1.015	14.734			
4/17/2016 4:25:00 PM	442500.000	73.476	17.980	167.475
28773.301	33228.809	20.964	22595.590	34.754
1.015	14.733			
4/17/2016 4:30:00 PM	442800.000	73.480	17.980	167.483
28752.107	33204.207	20.947	22578.863	34.780
1.015	14.733			
4/17/2016 4:35:00 PM	443100.000	73.482	17.980	167.488
28767.303	33221.688	20.959	22590.750	34.762
1.015	14.732			
4/17/2016 4:40:00 PM	443400.000	73.482	17.980	167.487
28790.408	33248.371	20.978	22608.895	34.734
1.015	14.730			
4/17/2016 4:45:00 PM	443700.000	73.462	17.980	167.443
28764.584	33218.484	20.957	22588.572	34.765
1.015	14.728			
4/17/2016 4:50:00 PM	444000.000	73.483	17.980	167.491
28763.670	33217.363	20.956	22587.809	34.766
1.015	14.729			
4/17/2016 4:55:00 PM	444300.000	73.477	17.980	167.476
28767.762	33222.340	20.959	22591.191	34.761
1.015	14.729			
4/17/2016 5:00:00 PM	444600.000	73.486	17.980	167.498
28782.000	33238.598	20.971	22602.248	34.744
1.015	14.730			
4/17/2016 5:05:00 PM	444900.000	73.483	17.981	167.490
28757.104	33209.527	20.951	22582.479	34.774
1.015	14.731			
4/17/2016 5:10:00 PM	445200.000	73.481	17.980	167.485
28758.508	33211.652	20.952	22583.926	34.772
1.015	14.732			
4/17/2016 5:15:00 PM	445500.000	73.485	17.980	167.495

28763.482 33217.473 20.956 22587.881 34.766
1.015 14.733
4/17/2016 5:20:00 PM 445800.000 73.479 17.980 167.482
28781.471 33238.434 20.971 22602.137 34.745
1.015 14.732
4/17/2016 5:25:00 PM 446100.000 73.487 17.980 167.499
28791.381 33249.430 20.978 22609.613 34.733
1.015 14.732
4/17/2016 5:30:00 PM 446400.000 73.470 17.980 167.461
28756.918 33209.566 20.951 22582.506 34.774
1.015 14.732
4/17/2016 5:35:00 PM 446700.000 73.488 17.980 167.501
28768.920 33223.813 20.960 22592.193 34.760
1.015 14.732
4/17/2016 5:40:00 PM 447000.000 73.485 17.980 167.496
28782.533 33239.535 20.971 22602.887 34.743
1.015 14.733
4/17/2016 5:45:00 PM 447300.000 73.487 17.980 167.499
28775.791 33231.492 20.966 22597.416 34.751
1.015 14.733
4/17/2016 5:50:00 PM 447600.000 73.474 17.980 167.469
28769.986 33224.590 20.961 22592.723 34.758
1.015 14.733
4/17/2016 5:55:00 PM 447900.000 73.491 17.980 167.509
28779.131 33235.285 20.968 22599.994 34.747
1.015 14.732
4/17/2016 6:00:00 PM 448200.000 73.471 17.980 167.463
28774.963 33230.789 20.965 22596.939 34.752
1.015 14.732
4/17/2016 6:05:00 PM 448500.000 73.492 17.980 167.511
28750.232 33202.039 20.945 22577.387 34.782
1.015 14.732
4/17/2016 6:10:00 PM 448800.000 73.495 17.980 167.518
28765.400 33219.559 20.958 22589.303 34.764
1.015 14.732
4/17/2016 6:15:00 PM 449100.000 73.481 17.979 167.486
28770.311 33225.613 20.962 22593.418 34.758
1.015 14.732
4/17/2016 6:20:00 PM 449400.000 73.501 17.980 167.530
28760.463 33213.855 20.954 22585.422 34.770
1.015 14.733
4/17/2016 6:25:00 PM 449700.000 73.498 17.980 167.525
28785.242 33242.406 20.973 22604.838 34.740
1.015 14.733
4/17/2016 6:30:00 PM 450000.000 73.504 17.980 167.539
28769.332 33223.969 20.961 22592.301 34.759
1.015 14.734
4/17/2016 6:35:00 PM 450300.000 73.504 17.980 167.538
28758.303 33211.551 20.952 22583.857 34.773
1.015 14.735
4/17/2016 6:40:00 PM 450600.000 73.480 17.980 167.485
28763.219 33216.973 20.956 22587.541 34.767
1.015 14.736
4/17/2016 6:45:00 PM 450900.000 73.500 17.980 167.530
28782.186 33238.813 20.971 22602.395 34.744
1.015 14.737
4/17/2016 6:50:00 PM 451200.000 73.487 17.980 167.499
28791.723 33249.957 20.979 22609.973 34.732

1.015 14.733
4/17/2016 6:55:00 PM 451500.000 73.514 17.980 167.561
28759.121 33212.359 20.953 22584.406 34.772
1.015 14.730
4/17/2016 7:00:00 PM 451800.000 73.515 17.980 167.564
28767.805 33222.336 20.959 22591.189 34.761
1.015 14.726
4/17/2016 7:05:00 PM 452100.000 73.517 17.980 167.569
28763.596 33217.277 20.956 22587.750 34.766
1.015 14.728
4/17/2016 7:10:00 PM 452400.000 73.523 17.980 167.581
28763.234 33217.184 20.956 22587.688 34.767
1.015 14.729
4/17/2016 7:15:00 PM 452700.000 73.530 17.980 167.598
28757.785 33210.816 20.951 22583.357 34.773
1.015 14.731
4/17/2016 7:20:00 PM 453000.000 73.526 17.980 167.589
28755.736 33208.523 20.950 22581.799 34.776
1.015 14.732
4/17/2016 7:25:00 PM 453300.000 73.528 17.980 167.592
28775.848 33231.426 20.966 22597.371 34.751
1.015 14.733
4/17/2016 7:30:00 PM 453600.000 73.506 17.980 167.542
28774.723 33230.191 20.965 22596.533 34.753
1.015 14.734
4/17/2016 7:35:00 PM 453900.000 73.530 17.980 167.597
28759.287 33212.301 20.952 22584.365 34.771
1.015 14.734
4/17/2016 7:40:00 PM 454200.000 73.530 17.980 167.599
28774.744 33230.219 20.965 22596.551 34.753
1.015 14.734
4/17/2016 7:45:00 PM 454500.000 73.532 17.980 167.603
28775.379 33230.883 20.965 22597.000 34.752
1.015 14.734
4/17/2016 7:50:00 PM 454800.000 73.537 17.980 167.612
28762.672 33216.598 20.955 22587.287 34.767
1.015 14.736
4/17/2016 7:55:00 PM 455100.000 73.536 17.980 167.612
28798.252 33257.496 20.984 22615.100 34.724
1.015 14.737
4/17/2016 8:00:00 PM 455400.000 73.541 17.980 167.623
28782.115 33238.988 20.971 22602.512 34.744
1.015 14.739
4/17/2016 8:05:00 PM 455700.000 73.544 17.981 167.630
28776.986 33232.488 20.966 22598.094 34.750
1.015 14.738
4/17/2016 8:10:00 PM 456000.000 73.549 17.980 167.640
28778.289 33234.695 20.968 22599.594 34.748
1.015 14.738
4/17/2016 8:15:00 PM 456300.000 73.548 17.980 167.638
28749.438 33201.441 20.945 22576.980 34.783
1.015 14.737
4/17/2016 8:20:00 PM 456600.000 73.551 17.981 167.645
28767.537 33221.633 20.959 22590.711 34.761
1.015 14.737
4/17/2016 8:25:00 PM 456900.000 73.554 17.980 167.651
28770.092 33225.031 20.961 22593.023 34.758
1.015 14.737

4/17/2016 8:30:00 PM 457200.000 73.561 17.980 167.668
28763.678 33217.887 20.956 22588.166 34.766
1.015 14.738
4/17/2016 8:35:00 PM 457500.000 73.558 17.980 167.662
28762.703 33216.441 20.955 22587.182 34.767
1.015 14.738
4/17/2016 8:40:00 PM 457800.000 73.560 17.980 167.665
28774.215 33229.605 20.964 22596.135 34.753
1.015 14.739
4/17/2016 8:45:00 PM 458100.000 73.565 17.980 167.676
28782.715 33239.555 20.971 22602.898 34.743
1.015 14.740
4/17/2016 8:50:00 PM 458400.000 73.564 17.980 167.676
28774.527 33230.031 20.965 22596.422 34.753
1.015 14.741
4/17/2016 8:55:00 PM 458700.000 73.564 17.980 167.676
28764.285 33218.141 20.957 22588.338 34.765
1.015 14.743
4/17/2016 9:00:00 PM 459000.000 73.548 17.979 167.637
28764.473 33219.125 20.957 22589.006 34.765
1.015 14.744
4/17/2016 9:05:00 PM 459300.000 73.573 17.980 167.695
28768.223 33222.816 20.960 22591.516 34.761
1.015 14.744
4/17/2016 9:10:00 PM 459600.000 73.571 17.980 167.691
28758.568 33211.859 20.952 22584.066 34.772
1.015 14.744
4/17/2016 9:15:00 PM 459900.000 73.571 17.979 167.690
28777.318 33233.707 20.967 22598.922 34.750
1.015 14.744
4/17/2016 9:20:00 PM 460200.000 73.575 17.980 167.700
28772.355 33227.590 20.963 22594.764 34.756
1.015 14.744
4/17/2016 9:25:00 PM 460500.000 73.582 17.979 167.715
28769.641 33224.840 20.961 22592.893 34.759
1.015 14.743
4/17/2016 9:30:00 PM 460800.000 73.579 17.980 167.710
28762.092 33215.793 20.955 22586.740 34.768
1.015 14.743
4/17/2016 9:35:00 PM 461100.000 73.585 17.980 167.723
28766.898 33221.156 20.959 22590.387 34.762
1.015 14.743
4/17/2016 9:40:00 PM 461400.000 73.586 17.980 167.725
28778.563 33234.629 20.968 22599.551 34.748
1.015 14.743
4/17/2016 9:45:00 PM 461700.000 73.588 17.980 167.731
28758.795 33212.059 20.952 22584.199 34.772
1.015 14.742
4/17/2016 9:50:00 PM 462000.000 73.591 17.980 167.736
28767.105 33221.395 20.959 22590.549 34.762
1.015 14.744
4/17/2016 9:55:00 PM 462300.000 73.582 17.980 167.717
28750.510 33202.297 20.946 22577.564 34.782
1.015 14.746
4/17/2016 10:00:00 PM 462600.000 73.585 17.980 167.723
28776.225 33232.059 20.966 22597.801 34.751
1.015 14.749
4/17/2016 10:05:00 PM 462900.000 73.589 17.980 167.732

28778.537 33234.980 20.968 22599.789 34.748
1.015 14.747
4/17/2016 10:10:00 PM 463200.000 73.594 17.980 167.744
28762.641 33216.426 20.955 22587.172 34.767
1.015 14.746
4/17/2016 10:15:00 PM 463500.000 73.593 17.980 167.740
28762.740 33216.613 20.955 22587.297 34.767
1.015 14.744
4/17/2016 10:20:00 PM 463800.000 73.593 17.981 167.741
28774.127 33229.246 20.964 22595.889 34.753
1.015 14.745
4/17/2016 10:25:00 PM 464100.000 73.592 17.980 167.739
28774.451 33229.813 20.965 22596.275 34.753
1.015 14.746
4/17/2016 10:30:00 PM 464400.000 73.574 17.980 167.698
28762.924 33216.754 20.956 22587.393 34.767
1.015 14.747
4/17/2016 10:35:00 PM 464700.000 73.593 17.979 167.742
28780.965 33237.918 20.970 22601.785 34.745
1.015 14.746
4/17/2016 10:40:00 PM 465000.000 73.597 17.980 167.750
28772.811 33228.172 20.963 22595.158 34.755
1.015 14.745
4/17/2016 10:45:00 PM 465300.000 73.598 17.980 167.753
28765.900 33220.324 20.958 22589.820 34.763
1.015 14.744
4/17/2016 10:50:00 PM 465600.000 73.600 17.980 167.757
28757.252 33210.277 20.951 22582.988 34.774
1.015 14.744
4/17/2016 10:55:00 PM 465900.000 73.580 17.980 167.711
28765.162 33219.410 20.957 22589.201 34.764
1.015 14.744
4/17/2016 11:00:00 PM 466200.000 73.603 17.980 167.763
28779.090 33235.496 20.969 22600.139 34.747
1.015 14.743
4/17/2016 11:05:00 PM 466500.000 73.583 17.980 167.719
28751.516 33203.395 20.946 22578.311 34.781
1.015 14.742
4/17/2016 11:10:00 PM 466800.000 73.605 17.980 167.768
28781.109 33237.699 20.970 22601.635 34.745
1.015 14.742
4/17/2016 11:15:00 PM 467100.000 73.606 17.980 167.771
28774.633 33230.410 20.965 22596.682 34.753
1.015 14.741
4/17/2016 11:20:00 PM 467400.000 73.607 17.980 167.774
28772.613 33227.941 20.963 22595.002 34.755
1.015 14.740
4/17/2016 11:25:00 PM 467700.000 73.601 17.980 167.758
28780.059 33236.539 20.969 22600.850 34.746
1.015 14.739
4/17/2016 11:30:00 PM 468000.000 73.605 17.980 167.768
28764.029 33218.102 20.956 22588.311 34.766
1.015 14.738
4/17/2016 11:35:00 PM 468300.000 73.602 17.980 167.762
28762.889 33216.711 20.956 22587.363 34.767
1.015 14.741
4/17/2016 11:40:00 PM 468600.000 73.595 17.980 167.745
28778.008 33234.172 20.968 22599.238 34.749

1.015 14.743
4/17/2016 11:45:00 PM 468900.000 73.596 17.980 167.748
28759.992 33213.246 20.953 22585.008 34.771
1.015 14.746
4/17/2016 11:50:00 PM 469200.000 73.583 17.980 167.719
28769.912 33224.957 20.961 22592.973 34.759
1.015 14.741
4/17/2016 11:55:00 PM 469500.000 73.606 17.980 167.772
28755.408 33208.074 20.950 22581.492 34.776
1.015 14.737
4/18/2016 12:00:00 AM 469800.000 73.606 17.980 167.771
28767.676 33222.313 20.959 22591.174 34.761
1.015 14.733
4/18/2016 12:05:00 AM 470100.000 73.586 17.980 167.726
28775.605 33231.594 20.966 22597.484 34.752
1.015 14.734
4/18/2016 12:10:00 AM 470400.000 73.606 17.980 167.770
28780.549 33236.922 20.970 22601.109 34.746
1.015 14.734
4/18/2016 12:15:00 AM 470700.000 73.582 17.980 167.717
28774.496 33230.063 20.965 22596.445 34.753
1.015 14.735
4/18/2016 12:20:00 AM 471000.000 73.605 17.980 167.768
28754.354 33206.930 20.949 22580.713 34.777
1.015 14.738
4/18/2016 12:25:00 AM 471300.000 73.598 17.980 167.752
28779.088 33235.555 20.969 22600.180 34.747
1.015 14.740
4/18/2016 12:30:00 AM 471600.000 73.572 17.980 167.694
28764.250 33218.480 20.957 22588.568 34.765
1.015 14.743
4/18/2016 12:35:00 AM 471900.000 73.598 17.980 167.752
28782.973 33239.652 20.971 22602.965 34.743
1.015 14.744
4/18/2016 12:40:00 AM 472200.000 73.586 17.979 167.726
28761.389 33215.434 20.955 22586.494 34.769
1.015 14.744
4/18/2016 12:45:00 AM 472500.000 73.588 17.979 167.730
28774.045 33229.926 20.965 22596.352 34.754
1.015 14.744
4/18/2016 12:50:00 AM 472800.000 73.589 17.980 167.732
28747.393 33198.891 20.943 22575.246 34.786
1.015 14.743
4/18/2016 12:55:00 AM 473100.000 73.591 17.980 167.737
28762.725 33216.336 20.955 22587.111 34.767
1.015 14.741
4/18/2016 1:00:00 AM 473400.000 73.589 17.980 167.733
28753.742 33205.832 20.948 22579.967 34.778
1.015 14.740
4/18/2016 1:05:00 AM 473700.000 73.593 17.980 167.741
28761.486 33214.973 20.954 22586.184 34.769
1.015 14.739
4/18/2016 1:10:00 AM 474000.000 73.592 17.980 167.738
28785.848 33243.105 20.974 22605.314 34.739
1.015 14.738
4/18/2016 1:15:00 AM 474300.000 73.591 17.980 167.736
28767.855 33222.582 20.960 22591.355 34.761
1.015 14.737

4/18/2016 1:20:00 AM 474600.000 73.584 17.980 167.721
28778.502 33234.621 20.968 22599.545 34.748
1.015 14.739
4/18/2016 1:25:00 AM 474900.000 73.578 17.980 167.707
28747.529 33198.789 20.943 22575.178 34.786
1.015 14.740
4/18/2016 1:30:00 AM 475200.000 73.582 17.980 167.715
28768.418 33223.230 20.960 22591.799 34.760
1.015 14.741
4/18/2016 1:35:00 AM 475500.000 73.578 17.979 167.707
28772.135 33227.723 20.963 22594.852 34.756
1.015 14.742
4/18/2016 1:40:00 AM 475800.000 73.555 17.980 167.654
28761.439 33214.984 20.954 22586.191 34.769
1.015 14.744
4/18/2016 1:45:00 AM 476100.000 73.575 17.980 167.701
28770.090 33225.102 20.961 22593.068 34.758
1.015 14.745
4/18/2016 1:50:00 AM 476400.000 73.574 17.980 167.698
28774.504 33230.324 20.965 22596.623 34.753
1.015 14.744
4/18/2016 1:55:00 AM 476700.000 73.572 17.979 167.692
28771.756 33227.285 20.963 22594.555 34.756
1.015 14.742
4/18/2016 2:00:00 AM 477000.000 73.567 17.980 167.681
28784.244 33241.320 20.973 22604.100 34.741
1.015 14.741
4/18/2016 2:05:00 AM 477300.000 73.568 17.980 167.685
28768.619 33223.273 20.960 22591.828 34.760
1.015 14.740
4/18/2016 2:10:00 AM 477600.000 73.567 17.979 167.681
28766.832 33221.719 20.959 22590.771 34.762
1.015 14.739
4/18/2016 2:15:00 AM 477900.000 73.566 17.980 167.679
28762.672 33216.461 20.955 22587.195 34.767
1.015 14.738
4/18/2016 2:20:00 AM 478200.000 73.564 17.980 167.675
28762.270 33215.941 20.955 22586.842 34.768
1.015 14.739
4/18/2016 2:25:00 AM 478500.000 73.557 17.980 167.660
28768.201 33222.727 20.960 22591.455 34.761
1.015 14.740
4/18/2016 2:30:00 AM 478800.000 73.555 17.979 167.655
28762.639 33216.949 20.956 22587.525 34.767
1.015 14.741
4/18/2016 2:35:00 AM 479100.000 73.555 17.980 167.655
28768.887 33223.902 20.961 22592.254 34.760
1.015 14.739
4/18/2016 2:40:00 AM 479400.000 73.538 17.979 167.615
28770.922 33226.441 20.962 22593.980 34.757
1.015 14.736
4/18/2016 2:45:00 AM 479700.000 73.560 17.980 167.666
28763.408 33217.445 20.956 22587.863 34.766
1.015 14.734
4/18/2016 2:50:00 AM 480000.000 73.534 17.980 167.607
28775.578 33231.563 20.966 22597.463 34.752
1.015 14.734
4/18/2016 2:55:00 AM 480300.000 73.556 17.980 167.658

28770.885 33225.945 20.962 22593.643 34.757
1.015 14.735
4/18/2016 3:00:00 AM 480600.000 73.547 17.980 167.637
28793.857 33252.551 20.980 22611.736 34.730
1.015 14.735
4/18/2016 3:05:00 AM 480900.000 73.555 17.980 167.654
28778.514 33234.570 20.968 22599.508 34.748
1.015 14.735
4/18/2016 3:10:00 AM 481200.000 73.532 17.979 167.601
28780.422 33237.414 20.970 22601.441 34.746
1.015 14.735
4/18/2016 3:15:00 AM 481500.000 73.551 17.981 167.645
28780.977 33237.156 20.970 22601.268 34.745
1.015 14.734
4/18/2016 3:20:00 AM 481800.000 73.549 17.980 167.642
28764.010 33217.953 20.956 22588.209 34.766
1.015 14.735
4/18/2016 3:25:00 AM 482100.000 73.544 17.980 167.630
28763.766 33217.602 20.956 22587.971 34.766
1.015 14.735
4/18/2016 3:30:00 AM 482400.000 73.544 17.980 167.630
28784.104 33241.090 20.972 22603.943 34.741
1.015 14.735
4/18/2016 3:35:00 AM 482700.000 73.546 17.980 167.635
28773.936 33229.668 20.965 22596.174 34.754
1.015 14.732
4/18/2016 3:40:00 AM 483000.000 73.544 17.980 167.628
28768.875 33223.887 20.960 22592.244 34.760
1.015 14.729
4/18/2016 3:45:00 AM 483300.000 73.548 17.980 167.638
28768.986 33224.016 20.961 22592.330 34.760
1.015 14.726
4/18/2016 3:50:00 AM 483600.000 73.542 17.980 167.625
28780.631 33237.145 20.970 22601.260 34.746
1.015 14.728
4/18/2016 3:55:00 AM 483900.000 73.545 17.980 167.632
28765.863 33219.961 20.958 22589.574 34.763
1.015 14.730
4/18/2016 4:00:00 AM 484200.000 73.541 17.980 167.623
28759.191 33212.641 20.953 22584.596 34.771
1.015 14.732
4/18/2016 4:05:00 AM 484500.000 73.540 17.980 167.620
28775.928 33231.715 20.966 22597.566 34.751
1.015 14.735
4/18/2016 4:10:00 AM 484800.000 73.537 17.980 167.613
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1.015 14.755
4/18/2016 4:20:00 PM 528600.000 73.512 17.980 167.556
28752.594 33204.895 20.947 22579.328 34.779
1.015 14.755
4/18/2016 4:25:00 PM 528900.000 73.511 17.980 167.554
28773.248 33228.555 20.964 22595.418 34.755
1.015 14.755
4/18/2016 4:30:00 PM 529200.000 73.508 17.980 167.546
28774.273 33230.055 20.965 22596.439 34.753
1.015 14.755
4/18/2016 4:35:00 PM 529500.000 73.515 17.980 167.564
28773.256 33228.367 20.964 22595.289 34.754
1.015 14.754
4/18/2016 4:40:00 PM 529800.000 73.514 17.980 167.562
28775.496 33231.273 20.966 22597.268 34.752
1.015 14.752
4/18/2016 4:45:00 PM 530100.000 73.496 17.980 167.519
28761.051 33214.590 20.954 22585.922 34.769
1.015 14.751
4/18/2016 4:50:00 PM 530400.000 73.492 17.980 167.510
28775.500 33231.473 20.966 22597.402 34.752
1.015 14.753
4/18/2016 4:55:00 PM 530700.000 73.508 17.980 167.548
28782.547 33239.293 20.971 22602.721 34.743
1.015 14.754
4/18/2016 5:00:00 PM 531000.000 73.511 17.980 167.554
28770.949 33226.094 20.962 22593.744 34.757
1.015 14.756
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4/18/2016 5:10:00 PM 531600.000 73.507 17.980 167.546
28780.277 33236.793 20.969 22601.021 34.746
1.015 14.756
4/18/2016 5:15:00 PM 531900.000 73.488 17.980 167.501
28755.068 33207.879 20.949 22581.357 34.776
1.015 14.756
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28771.162 33226.266 20.962 22593.863 34.757
1.015 14.752
4/18/2016 5:25:00 PM 532500.000 73.497 17.980 167.523

28785.684 33243.301 20.974 22605.445 34.739
1.015 14.748
4/18/2016 5:30:00 PM 532800.000 73.497 17.980 167.522
28773.219 33228.520 20.964 22595.395 34.755
1.015 14.745
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28769.619 33224.363 20.961 22592.568 34.759
1.015 14.748
4/18/2016 5:40:00 PM 533400.000 73.508 17.980 167.548
28773.430 33229.020 20.964 22595.736 34.754
1.015 14.750
4/18/2016 5:45:00 PM 533700.000 73.506 17.980 167.542
28774.871 33230.684 20.965 22596.867 34.753
1.015 14.753
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28745.602 33197.402 20.942 22574.236 34.788
1.015 14.753
4/18/2016 5:55:00 PM 534300.000 73.484 17.980 167.493
28779.131 33235.219 20.968 22599.951 34.747
1.015 14.753
4/18/2016 6:00:00 PM 534600.000 73.507 17.979 167.546
28770.879 33226.391 20.962 22593.947 34.757
1.015 14.753
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28770.240 33225.148 20.961 22593.104 34.758
1.015 14.749
4/18/2016 6:10:00 PM 535200.000 73.518 17.980 167.571
28777.377 33233.516 20.967 22598.793 34.750
1.015 14.746
4/18/2016 6:15:00 PM 535500.000 73.523 17.979 167.581
28782.771 33240.004 20.972 22603.205 34.743
1.015 14.742
4/18/2016 6:20:00 PM 535800.000 73.501 17.980 167.532
28785.143 33242.484 20.973 22604.889 34.740
1.015 14.744
4/18/2016 6:25:00 PM 536100.000 73.522 17.980 167.579
28781.824 33238.523 20.971 22602.195 34.744
1.015 14.745
4/18/2016 6:30:00 PM 536400.000 73.518 17.980 167.569
28776.355 33232.527 20.966 22598.119 34.751
1.015 14.747
4/18/2016 6:35:00 PM 536700.000 73.519 17.980 167.573
28776.051 33232.176 20.966 22597.879 34.751
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4/18/2016 6:40:00 PM 537000.000 73.523 17.980 167.582
28769.545 33224.594 20.961 22592.727 34.759
1.015 14.744
4/18/2016 6:45:00 PM 537300.000 73.522 17.980 167.579
28776.008 33231.742 20.966 22597.586 34.751
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4/18/2016 6:50:00 PM 537600.000 73.508 17.980 167.548
28756.410 33209.176 20.950 22582.240 34.775
1.015 14.743
4/18/2016 6:55:00 PM 537900.000 73.530 17.980 167.598
28788.234 33245.730 20.976 22607.100 34.736
1.015 14.744
4/18/2016 7:00:00 PM 538200.000 73.530 17.980 167.599
28780.021 33236.496 20.969 22600.818 34.746

1.015 14.745
4/18/2016 7:05:00 PM 538500.000 73.512 17.980 167.556
28752.104 33204.070 20.947 22578.768 34.780
1.015 14.745
4/18/2016 7:10:00 PM 538800.000 73.534 17.979 167.606
28776.176 33232.387 20.966 22598.023 34.751
1.015 14.744
4/18/2016 7:15:00 PM 539100.000 73.518 17.980 167.571
28762.051 33215.492 20.955 22586.537 34.768
1.015 14.743
4/18/2016 7:20:00 PM 539400.000 73.541 17.980 167.623
28778.682 33234.828 20.968 22599.684 34.748
1.015 14.745
4/18/2016 7:25:00 PM 539700.000 73.539 17.981 167.619
28755.275 33207.418 20.949 22581.045 34.776
1.015 14.746
4/18/2016 7:30:00 PM 540000.000 73.522 17.980 167.579
28781.609 33238.527 20.971 22602.199 34.744
1.015 14.747
4/18/2016 7:35:00 PM 540300.000 73.541 17.980 167.623
28762.791 33216.672 20.955 22587.340 34.767
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4/18/2016 7:40:00 PM 540600.000 73.544 17.980 167.629
28759.162 33212.543 20.953 22584.529 34.772
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4/18/2016 7:45:00 PM 540900.000 73.547 17.980 167.637
28769.697 33224.520 20.961 22592.674 34.759
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4/18/2016 7:50:00 PM 541200.000 73.551 17.980 167.644
28766.098 33220.363 20.958 22589.850 34.763
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4/18/2016 7:55:00 PM 541500.000 73.552 17.980 167.647
28764.396 33218.453 20.957 22588.551 34.765
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4/18/2016 8:00:00 PM 541800.000 73.553 17.980 167.650
28752.947 33205.176 20.948 22579.521 34.779
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4/18/2016 8:05:00 PM 542100.000 73.557 17.980 167.659
28784.779 33241.871 20.973 22604.473 34.741
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4/18/2016 8:10:00 PM 542400.000 73.556 17.980 167.657
28768.133 33222.395 20.959 22591.230 34.761
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4/18/2016 8:15:00 PM 542700.000 73.564 17.980 167.676
28763.512 33217.695 20.956 22588.033 34.766
1.015 14.750
4/18/2016 8:20:00 PM 543000.000 73.561 17.980 167.668
28783.676 33240.664 20.972 22603.652 34.742
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28762.004 33215.637 20.955 22586.633 34.768
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4/18/2016 8:30:00 PM 543600.000 73.566 17.980 167.681
28778.855 33235.152 20.968 22599.904 34.748
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28779.355 33235.863 20.969 22600.387 34.747
1.015 14.749

4/18/2016 8:40:00 PM 544200.000 73.576 17.980 167.702
28763.420 33217.270 20.956 22587.746 34.766
1.015 14.748
4/18/2016 8:45:00 PM 544500.000 73.578 17.980 167.707
28778.641 33235.168 20.968 22599.914 34.748
1.015 14.747
4/18/2016 8:50:00 PM 544800.000 73.580 17.980 167.711
28759.186 33212.699 20.953 22584.637 34.771
1.015 14.747
4/18/2016 8:55:00 PM 545100.000 73.562 17.980 167.670
28787.139 33244.789 20.975 22606.459 34.738
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4/18/2016 9:00:00 PM 545400.000 73.560 17.980 167.667
28754.283 33206.523 20.948 22580.438 34.777
1.015 14.747
4/18/2016 9:05:00 PM 545700.000 73.581 17.980 167.714
28773.742 33229.383 20.964 22595.982 34.754
1.015 14.749
4/18/2016 9:10:00 PM 546000.000 73.583 17.980 167.719
28782.129 33239.004 20.971 22602.523 34.744
1.015 14.751
4/18/2016 9:15:00 PM 546300.000 73.584 17.980 167.722
28767.588 33222.402 20.959 22591.236 34.761
1.015 14.753
4/18/2016 9:20:00 PM 546600.000 73.588 17.980 167.731
28771.029 33226.113 20.962 22593.760 34.757
1.015 14.753
4/18/2016 9:25:00 PM 546900.000 73.591 17.980 167.736
28778.396 33234.695 20.968 22599.594 34.748
1.015 14.753
4/18/2016 9:30:00 PM 547200.000 73.591 17.980 167.736
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1.015 14.754
4/18/2016 9:35:00 PM 547500.000 73.592 17.979 167.739
28768.316 33223.313 20.960 22591.854 34.760
1.015 14.754
4/18/2016 9:40:00 PM 547800.000 73.591 17.980 167.738
28776.830 33232.559 20.967 22598.143 34.750
1.015 14.754
4/18/2016 9:45:00 PM 548100.000 73.576 17.980 167.703
28768.959 33223.918 20.961 22592.264 34.760
1.015 14.754
4/18/2016 9:50:00 PM 548400.000 73.598 17.980 167.752
28781.109 33237.828 20.970 22601.725 34.745
1.015 14.754
4/18/2016 9:55:00 PM 548700.000 73.586 17.980 167.724
28771.820 33227.027 20.963 22594.379 34.756
1.015 14.753
4/18/2016 10:00:00 PM 549000.000 73.605 17.981 167.768
28770.590 33225.102 20.961 22593.068 34.758
1.015 14.753
4/18/2016 10:05:00 PM 549300.000 73.604 17.980 167.766
28769.070 33223.730 20.960 22592.139 34.760
1.015 14.754
4/18/2016 10:10:00 PM 549600.000 73.583 17.980 167.719
28785.229 33242.457 20.973 22604.871 34.740
1.015 14.755
4/18/2016 10:15:00 PM 549900.000 73.599 17.980 167.755

28783.555 33240.457 20.972 22603.514 34.742
1.015 14.756
4/18/2016 10:20:00 PM 550200.000 73.605 17.980 167.768
28782.625 33239.449 20.971 22602.826 34.743
1.015 14.755
4/18/2016 10:25:00 PM 550500.000 73.609 17.980 167.778
28773.564 33229.039 20.964 22595.746 34.754
1.015 14.755
4/18/2016 10:30:00 PM 550800.000 73.611 17.980 167.782
28767.477 33222.145 20.959 22591.059 34.761
1.015 14.754
4/18/2016 10:35:00 PM 551100.000 73.612 17.980 167.784
28760.217 33213.762 20.953 22585.357 34.770
1.015 14.754
4/18/2016 10:40:00 PM 551400.000 73.615 17.980 167.791
28779.709 33236.398 20.969 22600.754 34.747
1.015 14.754
4/18/2016 10:45:00 PM 551700.000 73.612 17.980 167.784
28792.211 33250.453 20.979 22610.311 34.732
1.015 14.754
4/18/2016 10:50:00 PM 552000.000 73.608 17.980 167.776
28759.971 33213.023 20.953 22584.855 34.771
1.015 14.755
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28779.691 33236.191 20.969 22600.613 34.747
1.015 14.757
4/18/2016 11:00:00 PM 552600.000 73.609 17.980 167.778
28780.768 33237.109 20.970 22601.236 34.745
1.015 14.758
4/18/2016 11:05:00 PM 552900.000 73.613 17.980 167.787
28772.051 33227.109 20.963 22594.438 34.756
1.015 14.757
4/18/2016 11:10:00 PM 553200.000 73.618 17.980 167.798
28775.461 33231.426 20.966 22597.371 34.752
1.015 14.755
4/18/2016 11:15:00 PM 553500.000 73.611 17.980 167.781
28778.416 33234.523 20.968 22599.479 34.748
1.015 14.753
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28775.572 33231.434 20.966 22597.375 34.752
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4/18/2016 11:25:00 PM 554100.000 73.618 17.980 167.798
28777.908 33234.191 20.968 22599.250 34.749
1.015 14.751
4/18/2016 11:30:00 PM 554400.000 73.621 17.980 167.805
28807.449 33267.922 20.991 22622.189 34.713
1.015 14.751
4/18/2016 11:35:00 PM 554700.000 73.618 17.980 167.798
28765.096 33219.074 20.957 22588.973 34.764
1.015 14.750
4/18/2016 11:40:00 PM 555000.000 73.621 17.980 167.805
28767.918 33222.715 20.960 22591.447 34.761
1.015 14.750
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28776.344 33232.512 20.966 22598.107 34.751
1.015 14.749
4/18/2016 11:50:00 PM 555600.000 73.618 17.980 167.797
28760.113 33213.578 20.953 22585.234 34.770

1.015 14.748
4/18/2016 11:55:00 PM 555900.000 73.615 17.980 167.792
28787.744 33245.488 20.976 22606.934 34.737
1.015 14.747
4/19/2016 12:00:00 AM 556200.000 73.601 17.980 167.760
28773.051 33228.449 20.964 22595.346 34.755
1.015 14.745
4/19/2016 12:05:00 AM 556500.000 73.620 17.980 167.802
28774.975 33230.613 20.965 22596.816 34.752
1.015 14.746
4/19/2016 12:10:00 AM 556800.000 73.615 17.980 167.792
28776.035 33231.895 20.966 22597.691 34.751
1.015 14.747
4/19/2016 12:15:00 AM 557100.000 73.611 17.980 167.782
28782.533 33239.660 20.971 22602.971 34.743
1.015 14.748
4/19/2016 12:20:00 AM 557400.000 73.591 17.980 167.736
28788.582 33246.133 20.976 22607.373 34.736
1.015 14.748
4/19/2016 12:25:00 AM 557700.000 73.610 17.980 167.780
28788.758 33246.336 20.976 22607.510 34.736
1.015 14.748
4/19/2016 12:30:00 AM 558000.000 73.611 17.979 167.782
28782.352 33239.520 20.971 22602.875 34.744
1.015 14.748
4/19/2016 12:35:00 AM 558300.000 73.606 17.980 167.771
28772.283 33227.309 20.963 22594.572 34.756
1.015 14.747
4/19/2016 12:40:00 AM 558600.000 73.608 17.980 167.776
28770.557 33225.512 20.962 22593.350 34.758
1.015 14.746
4/19/2016 12:45:00 AM 558900.000 73.605 17.980 167.769
28779.822 33236.016 20.969 22600.490 34.747
1.015 14.745
4/19/2016 12:50:00 AM 559200.000 73.607 17.980 167.772
28782.031 33238.891 20.971 22602.445 34.744
1.015 14.744
4/19/2016 12:55:00 AM 559500.000 73.607 17.980 167.773
28777.324 33233.262 20.967 22598.619 34.750
1.015 14.742
4/19/2016 1:00:00 AM 559800.000 73.604 17.980 167.766
28770.350 33225.402 20.962 22593.275 34.758
1.015 14.741
4/19/2016 1:05:00 AM 560100.000 73.583 17.980 167.719
28774.926 33230.359 20.965 22596.645 34.752
1.015 14.742
4/19/2016 1:10:00 AM 560400.000 73.597 17.980 167.750
28776.994 33233.074 20.967 22598.492 34.750
1.015 14.744
4/19/2016 1:15:00 AM 560700.000 73.578 17.980 167.708
28768.531 33222.910 20.960 22591.582 34.760
1.015 14.745
4/19/2016 1:20:00 AM 561000.000 73.581 17.980 167.713
28769.002 33223.906 20.961 22592.256 34.760
1.015 14.742
4/19/2016 1:25:00 AM 561300.000 73.576 17.980 167.703
28783.949 33240.848 20.972 22603.779 34.742
1.015 14.739

4/19/2016 1:30:00 AM	561600.000	73.598	17.980	167.752
28776.959	33232.840	20.967	22598.334	34.750
1.015	14.736			
4/19/2016 1:35:00 AM	561900.000	73.596	17.980	167.747
28760.230	33213.586	20.953	22585.240	34.770
1.015	14.737			
4/19/2016 1:40:00 AM	562200.000	73.569	17.980	167.686
28757.832	33210.816	20.951	22583.357	34.773
1.015	14.737			
4/19/2016 1:45:00 AM	562500.000	73.571	17.980	167.690
28768.465	33223.227	20.960	22591.797	34.760
1.015	14.738			
4/19/2016 1:50:00 AM	562800.000	73.593	17.980	167.742
28781.246	33237.910	20.970	22601.779	34.745
1.015	14.737			
4/19/2016 1:55:00 AM	563100.000	73.591	17.980	167.737
28772.029	33227.016	20.963	22594.371	34.756
1.015	14.736			
4/19/2016 2:00:00 AM	563400.000	73.586	17.980	167.726
28784.115	33241.105	20.972	22603.953	34.741
1.015	14.735			
4/19/2016 2:05:00 AM	563700.000	73.580	17.980	167.713
28768.713	33223.438	20.960	22591.938	34.760
1.015	14.738			
4/19/2016 2:10:00 AM	564000.000	73.550	17.980	167.644
28783.334	33240.270	20.972	22603.385	34.742
1.015	14.741			
4/19/2016 2:15:00 AM	564300.000	73.566	17.980	167.679
28777.906	33234.055	20.968	22599.160	34.749
1.015	14.744			
4/19/2016 2:20:00 AM	564600.000	73.552	17.980	167.649
28785.807	33243.059	20.974	22605.279	34.739
1.015	14.741			
4/19/2016 2:25:00 AM	564900.000	73.574	17.980	167.699
28774.820	33230.371	20.965	22596.652	34.753
1.015	14.738			
4/19/2016 2:30:00 AM	565200.000	73.572	17.980	167.693
28757.037	33210.152	20.951	22582.904	34.774
1.015	14.734			
4/19/2016 2:35:00 AM	565500.000	73.568	17.980	167.684
28788.293	33246.051	20.976	22607.314	34.736
1.015	14.736			
4/19/2016 2:40:00 AM	565800.000	73.563	17.980	167.673
28769.555	33224.289	20.961	22592.518	34.759
1.015	14.737			
4/19/2016 2:45:00 AM	566100.000	73.557	17.980	167.658
28770.178	33225.203	20.961	22593.141	34.758
1.015	14.738			
4/19/2016 2:50:00 AM	566400.000	73.539	17.979	167.618
28764.313	33218.883	20.957	22588.840	34.765
1.015	14.736			
4/19/2016 2:55:00 AM	566700.000	73.557	17.980	167.658
28771.129	33225.910	20.962	22593.621	34.757
1.015	14.734			
4/19/2016 3:00:00 AM	567000.000	73.540	17.980	167.621
28767.389	33221.980	20.959	22590.947	34.762
1.015	14.733			
4/19/2016 3:05:00 AM	567300.000	73.556	17.980	167.657

28759.061 33212.039 20.952 22584.188 34.772
1.015 14.730
4/19/2016 3:10:00 AM 567600.000 73.556 17.980 167.657
28777.895 33234.176 20.968 22599.242 34.749
1.015 14.728
4/19/2016 3:15:00 AM 567900.000 73.557 17.980 167.659
28756.984 33209.895 20.951 22582.729 34.774
1.015 14.726
4/19/2016 3:20:00 AM 568200.000 73.532 17.980 167.601
28763.061 33216.855 20.956 22587.463 34.767
1.015 14.727
4/19/2016 3:25:00 AM 568500.000 73.549 17.980 167.640
28770.488 33225.625 20.962 22593.428 34.758
1.015 14.727
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28781.625 33238.484 20.971 22602.172 34.744
1.015 14.727
4/19/2016 3:35:00 AM 569100.000 73.548 17.981 167.639
28762.463 33215.719 20.955 22586.691 34.768
1.015 14.729
4/19/2016 3:40:00 AM 569400.000 73.521 17.980 167.576
28792.000 33250.277 20.979 22610.191 34.732
1.015 14.730
4/19/2016 3:45:00 AM 569700.000 73.541 17.980 167.624
28776.131 33232.004 20.966 22597.766 34.751
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4/19/2016 3:50:00 AM 570000.000 73.533 17.980 167.605
28754.729 33207.422 20.949 22581.047 34.777
1.015 14.733
4/19/2016 3:55:00 AM 570300.000 73.532 17.980 167.602
28784.594 33241.852 20.973 22604.459 34.741
1.015 14.736
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1.015 14.707

4/20/2016 4:10:00 PM 700800.000 73.457 17.980 167.431
28774.463 33230.023 20.965 22596.416 34.753
1.015 14.708
4/20/2016 4:15:00 PM 701100.000 73.452 17.980 167.420
28798.324 33257.578 20.984 22615.156 34.724
1.015 14.709
4/20/2016 4:20:00 PM 701400.000 73.451 17.980 167.418
28774.344 33230.137 20.965 22596.494 34.753
1.015 14.707
4/20/2016 4:25:00 PM 701700.000 73.434 17.980 167.378
28779.373 33235.563 20.969 22600.186 34.747
1.015 14.706
4/20/2016 4:30:00 PM 702000.000 73.449 17.980 167.413
28785.891 33243.473 20.974 22605.564 34.739
1.015 14.705
4/20/2016 4:35:00 PM 702300.000 73.453 17.980 167.423
28797.744 33257.227 20.984 22614.916 34.725
1.015 14.705
4/20/2016 4:40:00 PM 702600.000 73.450 17.980 167.416
28802.234 33262.285 20.987 22618.355 34.720
1.015 14.705
4/20/2016 4:45:00 PM 702900.000 73.449 17.980 167.412
28781.564 33238.414 20.971 22602.121 34.744
1.015 14.706
4/20/2016 4:50:00 PM 703200.000 73.446 17.980 167.406
28775.428 33231.391 20.966 22597.348 34.752
1.015 14.705
4/20/2016 4:55:00 PM 703500.000 73.446 17.980 167.405
28781.625 33238.613 20.971 22602.258 34.744
1.015 14.704
4/20/2016 5:00:00 PM 703800.000 73.444 17.979 167.402
28783.910 33241.320 20.973 22604.100 34.742
1.015 14.703
4/20/2016 5:05:00 PM 704100.000 73.446 17.979 167.406
28780.016 33236.824 20.969 22601.041 34.746
1.015 14.704
4/20/2016 5:10:00 PM 704400.000 73.443 17.980 167.400
28760.455 33213.973 20.954 22585.502 34.770
1.015 14.705
4/20/2016 5:15:00 PM 704700.000 73.437 17.980 167.385
28787.424 33244.992 20.975 22606.596 34.737
1.015 14.706
4/20/2016 5:20:00 PM 705000.000 73.443 17.980 167.398
28791.516 33250.035 20.979 22610.025 34.732
1.015 14.703
4/20/2016 5:25:00 PM 705300.000 73.442 17.980 167.398
28782.797 33239.836 20.972 22603.088 34.743
1.015 14.699
4/20/2016 5:30:00 PM 705600.000 73.447 17.979 167.409
28776.662 33232.949 20.967 22598.408 34.750
1.015 14.696
4/20/2016 5:35:00 PM 705900.000 73.445 17.980 167.404
28769.463 33224.500 20.961 22592.660 34.759
1.015 14.697
4/20/2016 5:40:00 PM 706200.000 73.444 17.980 167.402
28777.521 33233.746 20.967 22598.947 34.749
1.015 14.698
4/20/2016 5:45:00 PM 706500.000 73.447 17.980 167.408

28780.395 33236.930 20.970 22601.115 34.746
1.015 14.699
4/20/2016 5:50:00 PM 706800.000 73.438 17.980 167.389
28780.951 33237.770 20.970 22601.684 34.745
1.015 14.701
4/20/2016 5:55:00 PM 707100.000 73.439 17.980 167.390
28769.375 33224.148 20.961 22592.422 34.759
1.015 14.702
4/20/2016 6:00:00 PM 707400.000 73.438 17.980 167.388
28789.346 33247.211 20.977 22608.105 34.735
1.015 14.704
4/20/2016 6:05:00 PM 707700.000 73.438 17.980 167.388
28788.365 33246.133 20.976 22607.373 34.736
1.015 14.704
4/20/2016 6:10:00 PM 708000.000 73.433 17.980 167.377
28778.012 33234.121 20.968 22599.205 34.749
1.015 14.703
4/20/2016 6:15:00 PM 708300.000 73.438 17.979 167.388
28764.521 33218.930 20.957 22588.875 34.765
1.015 14.703
4/20/2016 6:20:00 PM 708600.000 73.438 17.979 167.388
28790.609 33249.059 20.978 22609.359 34.734
1.015 14.702
4/20/2016 6:25:00 PM 708900.000 73.437 17.980 167.386
28794.996 33253.988 20.981 22612.715 34.728
1.015 14.702
4/20/2016 6:30:00 PM 709200.000 73.444 17.979 167.400
28778.938 33235.637 20.969 22600.232 34.748
1.015 14.702
4/20/2016 6:35:00 PM 709500.000 73.438 17.979 167.387
28784.654 33242.180 20.973 22604.684 34.741
1.015 14.701
4/20/2016 6:40:00 PM 709800.000 73.438 17.980 167.388
28777.975 33234.270 20.968 22599.305 34.749
1.015 14.701
4/20/2016 6:45:00 PM 710100.000 73.441 17.979 167.394
28809.850 33271.336 20.993 22624.510 34.710
1.015 14.701
4/20/2016 6:50:00 PM 710400.000 73.424 17.980 167.356
28781.146 33237.797 20.970 22601.701 34.745
1.015 14.701
4/20/2016 6:55:00 PM 710700.000 73.418 17.980 167.343
28786.082 33243.762 20.974 22605.758 34.739
1.015 14.701
4/20/2016 7:00:00 PM 711000.000 73.442 17.980 167.397
28779.223 33235.574 20.969 22600.193 34.747
1.015 14.701
4/20/2016 7:05:00 PM 711300.000 73.439 17.980 167.389
28793.805 33252.551 20.980 22611.736 34.730
1.015 14.703
4/20/2016 7:10:00 PM 711600.000 73.435 17.980 167.380
28777.211 33233.195 20.967 22598.574 34.750
1.015 14.704
4/20/2016 7:15:00 PM 711900.000 73.439 17.980 167.391
28780.188 33236.824 20.969 22601.041 34.746
1.015 14.706
4/20/2016 7:20:00 PM 712200.000 73.442 17.980 167.396
28792.416 33250.945 20.979 22610.643 34.731

1.015 14.703
4/20/2016 7:25:00 PM 712500.000 73.452 17.980 167.419
28774.650 33230.430 20.965 22596.695 34.753
1.015 14.701
4/20/2016 7:30:00 PM 712800.000 73.450 17.980 167.414
28781.941 33238.789 20.971 22602.379 34.744
1.015 14.699
4/20/2016 7:35:00 PM 713100.000 73.422 17.979 167.353
28791.703 33250.320 20.979 22610.221 34.732
1.015 14.701
4/20/2016 7:40:00 PM 713400.000 73.448 17.980 167.410
28786.217 33243.789 20.974 22605.777 34.739
1.015 14.703
4/20/2016 7:45:00 PM 713700.000 73.428 17.979 167.365
28777.357 33233.813 20.967 22598.994 34.750
1.015 14.705
4/20/2016 7:50:00 PM 714000.000 73.454 17.980 167.424
28788.211 33246.152 20.976 22607.385 34.736
1.015 14.702
4/20/2016 7:55:00 PM 714300.000 73.453 17.979 167.422
28794.742 33253.828 20.981 22612.604 34.729
1.015 14.700
4/20/2016 8:00:00 PM 714600.000 73.440 17.980 167.393
28790.176 33248.102 20.977 22608.709 34.734
1.015 14.697
4/20/2016 8:05:00 PM 714900.000 73.454 17.980 167.425
28789.549 33247.695 20.977 22608.436 34.735
1.015 14.698
4/20/2016 8:10:00 PM 715200.000 73.459 17.980 167.435
28776.525 33232.461 20.966 22598.076 34.751
1.015 14.699
4/20/2016 8:15:00 PM 715500.000 73.460 17.980 167.438
28789.408 33247.602 20.977 22608.369 34.735
1.015 14.699
4/20/2016 8:20:00 PM 715800.000 73.464 17.980 167.448
28778.844 33235.016 20.968 22599.813 34.748
1.015 14.700
4/20/2016 8:25:00 PM 716100.000 73.465 17.980 167.450
28778.662 33234.930 20.968 22599.752 34.748
1.015 14.700
4/20/2016 8:30:00 PM 716400.000 73.465 17.980 167.449
28793.596 33252.117 20.980 22611.441 34.730
1.015 14.700
4/20/2016 8:35:00 PM 716700.000 73.470 17.980 167.461
28794.963 33253.754 20.981 22612.555 34.728
1.015 14.701
4/20/2016 8:40:00 PM 717000.000 73.469 17.980 167.459
28759.408 33212.891 20.953 22584.766 34.771
1.015 14.702
4/20/2016 8:45:00 PM 717300.000 73.475 17.980 167.472
28784.379 33241.664 20.973 22604.334 34.741
1.015 14.703
4/20/2016 8:50:00 PM 717600.000 73.471 17.980 167.463
28779.430 33235.758 20.969 22600.316 34.747
1.015 14.706
4/20/2016 8:55:00 PM 717900.000 73.476 17.980 167.475
28774.334 33230.125 20.965 22596.484 34.753
1.015 14.710

4/20/2016 9:00:00 PM 718200.000 73.469 17.980 167.459
28790.010 33248.105 20.977 22608.713 34.734
1.015 14.714
4/20/2016 9:05:00 PM 718500.000 73.451 17.980 167.418
28780.365 33236.773 20.969 22601.008 34.746
1.015 14.712
4/20/2016 9:10:00 PM 718800.000 73.480 17.980 167.483
28791.889 33250.465 20.979 22610.316 34.732
1.015 14.710
4/20/2016 9:15:00 PM 719100.000 73.481 17.980 167.486
28790.238 33248.430 20.978 22608.932 34.734
1.015 14.708
4/20/2016 9:20:00 PM 719400.000 73.484 17.979 167.492
28796.646 33256.223 20.983 22614.232 34.726
1.015 14.709
4/20/2016 9:25:00 PM 719700.000 73.466 17.980 167.451
28788.846 33246.953 20.977 22607.930 34.736
1.015 14.710
4/20/2016 9:30:00 PM 720000.000 73.491 17.980 167.508
28782.365 33239.402 20.971 22602.795 34.743
1.015 14.711
4/20/2016 9:35:00 PM 720300.000 73.491 17.980 167.510
28797.787 33256.895 20.983 22614.691 34.725
1.015 14.710
4/20/2016 9:40:00 PM 720600.000 73.492 17.979 167.511
28784.105 33241.547 20.973 22604.254 34.741
1.015 14.709
4/20/2016 9:45:00 PM 720900.000 73.498 17.980 167.524
28787.250 33244.980 20.975 22606.588 34.738
1.015 14.708
4/20/2016 9:50:00 PM 721200.000 73.504 17.980 167.539
28791.842 33249.961 20.979 22609.977 34.732
1.015 14.708
4/20/2016 9:55:00 PM 721500.000 73.500 17.980 167.530
28765.799 33220.020 20.958 22589.615 34.764
1.015 14.708
4/20/2016 10:00:00 PM 721800.000 73.498 17.980 167.526
28777.461 33233.676 20.967 22598.902 34.749
1.015 14.709
4/20/2016 10:05:00 PM 722100.000 73.483 17.980 167.491
28781.850 33238.871 20.971 22602.432 34.744
1.015 14.711
4/20/2016 10:10:00 PM 722400.000 73.481 17.980 167.486
28779.477 33235.746 20.969 22600.307 34.747
1.015 14.713
4/20/2016 10:15:00 PM 722700.000 73.499 17.980 167.526
28784.289 33241.688 20.973 22604.350 34.741
1.015 14.715
4/20/2016 10:20:00 PM 723000.000 73.507 17.980 167.546
28786.701 33244.211 20.975 22606.066 34.738
1.015 14.714
4/20/2016 10:25:00 PM 723300.000 73.507 17.980 167.544
28767.645 33222.277 20.959 22591.150 34.761
1.015 14.714
4/20/2016 10:30:00 PM 723600.000 73.507 17.980 167.546
28793.113 33251.691 20.980 22611.150 34.731
1.015 14.713
4/20/2016 10:35:00 PM 723900.000 73.511 17.980 167.554

28765.891 33220.059 20.958 22589.641 34.763
1.015 14.712
4/20/2016 10:40:00 PM 724200.000 73.508 17.980 167.547
28789.285 33247.195 20.977 22608.096 34.735
1.015 14.711
4/20/2016 10:45:00 PM 724500.000 73.514 17.980 167.562
28800.637 33260.441 20.986 22617.100 34.721
1.015 14.711
4/20/2016 10:50:00 PM 724800.000 73.517 17.980 167.568
28797.793 33257.094 20.984 22614.826 34.725
1.015 14.710
4/20/2016 10:55:00 PM 725100.000 73.517 17.980 167.568
28795.719 33254.824 20.982 22613.283 34.727
1.015 14.710
4/20/2016 11:00:00 PM 725400.000 73.521 17.979 167.578
28798.105 33257.715 20.984 22615.248 34.725
1.015 14.710
4/20/2016 11:05:00 PM 725700.000 73.521 17.980 167.576
28784.682 33242.078 20.973 22604.613 34.741
1.015 14.710
4/20/2016 11:10:00 PM 726000.000 73.521 17.980 167.576
28799.605 33258.930 20.985 22616.074 34.723
1.015 14.710
4/20/2016 11:15:00 PM 726300.000 73.519 17.980 167.574
28767.623 33222.125 20.959 22591.045 34.761
1.015 14.710
4/20/2016 11:20:00 PM 726600.000 73.516 17.980 167.566
28771.588 33226.441 20.962 22593.980 34.757
1.015 14.709
4/20/2016 11:25:00 PM 726900.000 73.521 17.980 167.576
28795.961 33254.977 20.982 22613.387 34.727
1.015 14.708
4/20/2016 11:30:00 PM 727200.000 73.524 17.980 167.583
28759.430 33212.719 20.953 22584.650 34.771
1.015 14.708
4/20/2016 11:35:00 PM 727500.000 73.525 17.980 167.585
28789.264 33247.305 20.977 22608.170 34.735
1.015 14.706
4/20/2016 11:40:00 PM 727800.000 73.530 17.980 167.597
28788.117 33245.980 20.976 22607.270 34.737
1.015 14.705
4/20/2016 11:45:00 PM 728100.000 73.530 17.980 167.597
28788.164 33246.164 20.976 22607.393 34.736
1.015 14.703
4/20/2016 11:50:00 PM 728400.000 73.532 17.980 167.602
28775.203 33230.879 20.965 22596.998 34.752
1.015 14.704
4/20/2016 11:55:00 PM 728700.000 73.532 17.980 167.602
28790.873 33249.293 20.978 22609.520 34.733
1.015 14.705

Report Date: 4/22/2016 8:17:42 AM
Report User Name: KMakar
Report Computer Name: WKST46
Application: WinSitu.exe
Application Version: 5.6.25.0

Log File Properties:
File Name: MPWSP MW-4S LT Test_Append_2016-04-21_18-59-15-938-BaroMerge.wsl
Create Date: 4/22/2016 8:12:46 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 8:12:46 AM User Note: "Pressure & Level adjusted by baro data from: "MPWSP BaroTroll Pre Test_Append_2016-04-21_18-56-38-301.wsl""

Log Data:
Record Count: 2656
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: PCTD(A) 35.8ft	Sensor: PCTD(A) 35.8ft	Sensor: PCTD(A) 35.8ft	Sensor: Baro-Adj Calc
	SN#: 399147	SN#: 399147	SN#: 399147	SN#: 399147	SN#: 399147	SN#: 399147	SN#: 399147	SN#: 399147	SN#: 399147	SN#: 399147	SN#: 399147	SN#: 000000
Date and Time	Elapsed Time Seconds	Corrected Pressure (PSI)	Temperature (C)	Depth (ft)	Actual Conductivity (µS)	Specific Conductivity (µS)	Salinity (PSU)	Corrected Total Dissolved Solids (ppm)	Resistivity (ohm-cm)	Water Density (g/cm3)	Barometric Pressure (PSI)	
4/14/2016 12:00:00 AM	124200.000	13.057	17.669	29.762	8700.806	10117.414	5.759	6879.842	114.932	1.003	14.791	
4/14/2016 12:05:00 AM	124500.000	13.060	17.669	29.767	8728.913	10150.235	5.779	6902.161	114.562	1.003	14.792	
4/14/2016 12:10:00 AM	124800.000	13.062	17.669	29.772	8748.624	10173.117	5.793	6917.720	114.304	1.003	14.793	
4/14/2016 12:15:00 AM	125100.000	13.056	17.670	29.758	8765.823	10192.938	5.805	6931.199	114.079	1.003	14.795	
4/14/2016 12:20:00 AM	125400.000	13.056	17.668	29.760	8782.921	10213.276	5.818	6945.028	113.857	1.003	14.794	
4/14/2016 12:25:00 AM	125700.000	13.056	17.670	29.759	8796.490	10228.479	5.827	6955.366	113.682	1.003	14.793	

4/14/2016 12:30:00 AM	126000.000	13.057	17.670	29.761	
8809.152	10243.283	5.836	6965.433	113.518	
1.003	14.793				
4/14/2016 12:35:00 AM	126300.000	13.058	17.670	29.763	
8825.086	10261.652	5.847	6977.924	113.313	
1.003	14.792				
4/14/2016 12:40:00 AM	126600.000	13.059	17.668	29.765	
8837.169	10276.201	5.856	6987.817	113.158	
1.003	14.792				
4/14/2016 12:45:00 AM	126900.000	13.062	17.670	29.772	
8849.183	10289.849	5.865	6997.098	113.005	
1.003	14.791				
4/14/2016 12:50:00 AM	127200.000	13.061	17.670	29.770	
8856.021	10297.841	5.870	7002.532	112.918	
1.003	14.792				
4/14/2016 12:55:00 AM	127500.000	13.061	17.669	29.770	
8869.059	10313.184	5.879	7012.965	112.752	
1.003	14.793				
4/14/2016 1:00:00 AM	127800.000	13.062	17.670	29.772	
8877.417	10322.639	5.885	7019.395	112.645	
1.003	14.794				
4/14/2016 1:05:00 AM	128100.000	13.059	17.669	29.765	
8885.004	10331.743	5.890	7025.585	112.549	
1.003	14.797				
4/14/2016 1:10:00 AM	128400.000	13.057	17.670	29.760	
8894.204	10342.241	5.897	7032.725	112.433	
1.003	14.800				
4/14/2016 1:15:00 AM	128700.000	13.053	17.668	29.752	
8902.006	10351.572	5.903	7039.070	112.334	
1.003	14.803				
4/14/2016 1:20:00 AM	129000.000	13.055	17.669	29.757	
8911.044	10362.022	5.909	7046.175	112.220	
1.003	14.802				
4/14/2016 1:25:00 AM	129300.000	13.058	17.669	29.763	
8918.841	10370.906	5.914	7052.216	112.122	
1.003	14.801				
4/14/2016 1:30:00 AM	129600.000	13.059	17.670	29.766	
8924.213	10377.053	5.918	7056.396	112.055	
1.003	14.799				
4/14/2016 1:35:00 AM	129900.000	13.065	17.670	29.779	
8932.028	10386.163	5.924	7062.591	111.957	
1.003	14.798				
4/14/2016 1:40:00 AM	130200.000	13.062	17.670	29.772	
8937.393	10392.340	5.928	7066.792	111.889	
1.003	14.797				
4/14/2016 1:45:00 AM	130500.000	13.064	17.669	29.777	
8945.770	10402.424	5.934	7073.649	111.785	
1.003	14.796				
4/14/2016 1:50:00 AM	130800.000	13.067	17.670	29.783	
8951.129	10408.313	5.937	7077.652	111.718	
1.003	14.798				
4/14/2016 1:55:00 AM	131100.000	13.057	17.669	29.762	
8961.266	10420.382	5.945	7085.860	111.591	
1.003	14.800				
4/14/2016 2:00:00 AM	131400.000	13.056	17.670	29.758	
8965.644	10425.229	5.948	7089.156	111.537	
1.003	14.802				

4/14/2016 2:05:00 AM	131700.000	13.063	17.670	29.775
8970.984	10431.421	5.951	7093.367	111.470
1.003	14.799			
4/14/2016 2:10:00 AM	132000.000	13.061	17.669	29.771
8977.607	10439.303	5.956	7098.726	111.388
1.003	14.796			
4/14/2016 2:15:00 AM	132300.000	13.067	17.670	29.784
8980.033	10442.002	5.958	7100.562	111.358
1.003	14.792			
4/14/2016 2:20:00 AM	132600.000	13.062	17.669	29.773
8986.548	10449.741	5.963	7105.825	111.277
1.003	14.792			
4/14/2016 2:25:00 AM	132900.000	13.068	17.670	29.785
8990.749	10454.343	5.966	7108.954	111.225
1.003	14.791			
4/14/2016 2:30:00 AM	133200.000	13.062	17.670	29.772
8995.979	10460.563	5.969	7113.184	111.161
1.003	14.790			
4/14/2016 2:35:00 AM	133500.000	13.062	17.670	29.773
9002.079	10467.475	5.974	7117.883	111.085
1.003	14.789			
4/14/2016 2:40:00 AM	133800.000	13.062	17.670	29.773
9006.232	10472.364	5.977	7121.208	111.034
1.003	14.788			
4/14/2016 2:45:00 AM	134100.000	13.063	17.669	29.774
9010.003	10477.116	5.980	7124.439	110.988
1.003	14.787			
4/14/2016 2:50:00 AM	134400.000	13.062	17.670	29.773
9009.589	10476.351	5.979	7123.919	110.993
1.003	14.787			
4/14/2016 2:55:00 AM	134700.000	13.065	17.669	29.779
9016.486	10484.512	5.984	7129.468	110.908
1.003	14.787			
4/14/2016 3:00:00 AM	135000.000	13.066	17.670	29.782
9018.905	10487.144	5.986	7131.258	110.878
1.003	14.786			
4/14/2016 3:05:00 AM	135300.000	13.062	17.670	29.773
9020.334	10488.822	5.987	7132.399	110.861
1.003	14.786			
4/14/2016 3:10:00 AM	135600.000	13.062	17.670	29.772
9026.124	10495.477	5.991	7136.925	110.790
1.003	14.785			
4/14/2016 3:15:00 AM	135900.000	13.064	17.670	29.777
9029.306	10499.316	5.993	7139.536	110.750
1.003	14.785			
4/14/2016 3:20:00 AM	136200.000	13.066	17.670	29.781
9032.490	10502.919	5.995	7141.985	110.711
1.003	14.784			
4/14/2016 3:25:00 AM	136500.000	13.065	17.670	29.780
9033.485	10504.097	5.996	7142.786	110.699
1.003	14.782			
4/14/2016 3:30:00 AM	136800.000	13.071	17.670	29.792
9035.320	10506.170	5.997	7144.196	110.677
1.003	14.781			
4/14/2016 3:35:00 AM	137100.000	13.066	17.669	29.783
9038.525	10510.262	6.000	7146.979	110.638
1.003	14.781			

4/14/2016 3:40:00 AM	137400.000	13.065	17.669	29.778	
9039.700	10511.526	6.001	7147.838	110.623	
1.003	14.781				
4/14/2016 3:45:00 AM	137700.000	13.063	17.669	29.775	
9045.622	10518.413	6.005	7152.521	110.551	
1.003	14.782				
4/14/2016 3:50:00 AM	138000.000	13.065	17.670	29.778	
9043.465	10515.641	6.003	7150.636	110.577	
1.003	14.780				
4/14/2016 3:55:00 AM	138300.000	13.065	17.670	29.778	
9046.363	10519.050	6.005	7152.955	110.542	
1.003	14.779				
4/14/2016 4:00:00 AM	138600.000	13.066	17.669	29.781	
9047.628	10520.868	6.006	7154.190	110.526	
1.003	14.777				
4/14/2016 4:05:00 AM	138900.000	13.065	17.668	29.779	
9051.462	10525.429	6.009	7157.292	110.479	
1.003	14.776				
4/14/2016 4:10:00 AM	139200.000	13.073	17.670	29.796	
9052.558	10526.274	6.010	7157.867	110.466	
1.003	14.775				
4/14/2016 4:15:00 AM	139500.000	13.072	17.669	29.794	
9053.854	10528.007	6.011	7159.045	110.450	
1.003	14.774				
4/14/2016 4:20:00 AM	139800.000	13.067	17.669	29.783	
9056.061	10530.611	6.012	7160.816	110.423	
1.003	14.774				
4/14/2016 4:25:00 AM	140100.000	13.066	17.669	29.781	
9052.494	10526.362	6.010	7157.927	110.467	
1.003	14.773				
4/14/2016 4:30:00 AM	140400.000	13.071	17.670	29.792	
9049.495	10522.730	6.008	7155.458	110.503	
1.003	14.772				
4/14/2016 4:35:00 AM	140700.000	13.067	17.670	29.783	
9037.192	10508.425	5.999	7145.729	110.654	
1.003	14.770				
4/14/2016 4:40:00 AM	141000.000	13.068	17.670	29.787	
9020.636	10489.235	5.987	7132.680	110.857	
1.003	14.769				
4/14/2016 4:45:00 AM	141300.000	13.070	17.670	29.790	
9004.900	10470.838	5.976	7120.170	111.051	
1.003	14.767				
4/14/2016 4:50:00 AM	141600.000	13.068	17.669	29.787	
8989.289	10452.847	5.965	7107.937	111.243	
1.003	14.767				
4/14/2016 4:55:00 AM	141900.000	13.070	17.669	29.790	
8971.337	10432.115	5.952	7093.839	111.466	
1.003	14.766				
4/14/2016 5:00:00 AM	142200.000	13.068	17.669	29.785	
8961.285	10420.365	5.945	7085.849	111.591	
1.003	14.766				
4/14/2016 5:05:00 AM	142500.000	13.074	17.670	29.799	
8949.717	10406.632	5.936	7076.510	111.735	
1.003	14.766				
4/14/2016 5:10:00 AM	142800.000	13.070	17.670	29.790	
8937.910	10392.941	5.928	7067.201	111.883	
1.003	14.765				

4/14/2016 5:15:00 AM	143100.000	13.070	17.668	29.790	
8925.488	10378.859	5.919	7057.625	112.039	
1.003	14.765				
4/14/2016 5:20:00 AM	143400.000	13.069	17.670	29.789	
8914.080	10365.211	5.911	7048.344	112.182	
1.003	14.768				
4/14/2016 5:25:00 AM	143700.000	13.067	17.669	29.784	
8909.432	10359.966	5.908	7044.777	112.241	
1.003	14.771				
4/14/2016 5:30:00 AM	144000.000	13.071	17.669	29.792	
8898.037	10346.919	5.900	7035.905	112.384	
1.003	14.773				
4/14/2016 5:35:00 AM	144300.000	13.073	17.670	29.798	
8891.416	10338.857	5.895	7030.424	112.468	
1.003	14.770				
4/14/2016 5:40:00 AM	144600.000	13.073	17.670	29.797	
8882.548	10328.486	5.888	7023.371	112.580	
1.003	14.767				
4/14/2016 5:45:00 AM	144900.000	13.077	17.669	29.806	
8875.549	10320.730	5.884	7018.097	112.669	
1.003	14.764				
4/14/2016 5:50:00 AM	145200.000	13.071	17.669	29.793	
8864.357	10307.755	5.876	7009.274	112.811	
1.003	14.765				
4/14/2016 5:55:00 AM	145500.000	13.072	17.669	29.796	
8859.382	10301.870	5.872	7005.272	112.875	
1.003	14.767				
4/14/2016 6:00:00 AM	145800.000	13.073	17.669	29.797	
8851.253	10292.418	5.866	6998.845	112.978	
1.003	14.769				
4/14/2016 6:05:00 AM	146100.000	13.074	17.670	29.800	
8847.651	10288.089	5.864	6995.900	113.024	
1.003	14.769				
4/14/2016 6:10:00 AM	146400.000	13.067	17.669	29.785	
8840.935	10280.377	5.859	6990.656	113.110	
1.003	14.770				
4/14/2016 6:15:00 AM	146700.000	13.068	17.668	29.785	
8836.138	10275.019	5.856	6987.013	113.172	
1.003	14.770				
4/14/2016 6:20:00 AM	147000.000	13.069	17.670	29.787	
8827.261	10264.378	5.849	6979.777	113.285	
1.003	14.769				
4/14/2016 6:25:00 AM	147300.000	13.070	17.670	29.791	
8823.610	10260.056	5.846	6976.838	113.332	
1.003	14.767				
4/14/2016 6:30:00 AM	147600.000	13.072	17.669	29.796	
8817.167	10252.881	5.842	6971.959	113.415	
1.003	14.766				
4/14/2016 6:35:00 AM	147900.000	13.069	17.669	29.789	
8811.327	10245.949	5.838	6967.246	113.490	
1.003	14.772				
4/14/2016 6:40:00 AM	148200.000	13.066	17.669	29.782	
8803.433	10236.750	5.832	6960.990	113.592	
1.003	14.778				
4/14/2016 6:45:00 AM	148500.000	13.064	17.670	29.778	
8801.791	10234.642	5.831	6959.557	113.613	
1.003	14.784				

4/14/2016 6:50:00 AM 148800.000 13.066 17.669 29.782
8796.800 10229.078 5.827 6955.774 113.678
1.003 14.784
4/14/2016 6:55:00 AM 149100.000 13.068 17.669 29.785
8791.890 10223.287 5.824 6951.835 113.741
1.003 14.783
4/14/2016 7:00:00 AM 149400.000 13.073 17.669 29.798
8787.386 10218.171 5.821 6948.356 113.799
1.003 14.783
4/14/2016 7:05:00 AM 149700.000 13.071 17.669 29.793
8782.189 10212.208 5.817 6944.302 113.867
1.003 14.782
4/14/2016 7:10:00 AM 150000.000 13.078 17.669 29.808
8776.953 10206.021 5.813 6940.094 113.935
1.003 14.781
4/14/2016 7:15:00 AM 150300.000 13.074 17.669 29.800
8773.484 10201.945 5.811 6937.323 113.980
1.003 14.780
4/14/2016 7:20:00 AM 150600.000 13.073 17.669 29.797
8768.102 10195.626 5.807 6933.026 114.050
1.003 14.784
4/14/2016 7:25:00 AM 150900.000 13.071 17.669 29.794
8762.228 10188.916 5.803 6928.463 114.126
1.003 14.788
4/14/2016 7:30:00 AM 151200.000 13.067 17.669 29.785
8760.155 10186.507 5.801 6926.825 114.153
1.003 14.793
4/14/2016 7:35:00 AM 151500.000 13.065 17.669 29.778
8755.803 10181.445 5.798 6923.383 114.210
1.003 14.791
4/14/2016 7:40:00 AM 151800.000 13.067 17.669 29.784
8750.931 10175.761 5.795 6919.518 114.274
1.003 14.789
4/14/2016 7:45:00 AM 152100.000 13.074 17.669 29.800
8748.828 10173.335 5.793 6917.868 114.301
1.003 14.788
4/14/2016 7:50:00 AM 152400.000 13.071 17.669 29.794
8745.214 10169.071 5.791 6914.969 114.348
1.003 14.790
4/14/2016 7:55:00 AM 152700.000 13.070 17.669 29.791
8739.804 10162.762 5.787 6910.678 114.419
1.003 14.791
4/14/2016 8:00:00 AM 153000.000 13.069 17.669 29.788
8738.627 10161.353 5.786 6909.720 114.434
1.003 14.793
4/14/2016 8:05:00 AM 153300.000 13.064 17.669 29.778
8732.689 10154.508 5.782 6905.065 114.512
1.003 14.796
4/14/2016 8:10:00 AM 153600.000 13.064 17.669 29.776
8727.877 10148.853 5.778 6901.220 114.575
1.003 14.800
4/14/2016 8:15:00 AM 153900.000 13.061 17.669 29.769
8728.125 10149.200 5.779 6901.457 114.572
1.003 14.803
4/14/2016 8:20:00 AM 154200.000 13.067 17.670 29.784
8723.936 10144.252 5.776 6898.092 114.627
1.003 14.802

4/14/2016 8:25:00 AM	154500.000	13.065	17.669	29.779	
8723.675	10144.067	5.775	6897.966	114.631	
1.003	14.802				
4/14/2016 8:30:00 AM	154800.000	13.063	17.669	29.775	
8719.165	10138.722	5.772	6894.332	114.690	
1.003	14.801				
4/14/2016 8:35:00 AM	155100.000	13.066	17.669	29.781	
8717.025	10136.412	5.771	6892.761	114.718	
1.003	14.803				
4/14/2016 8:40:00 AM	155400.000	13.061	17.669	29.771	
8716.799	10135.971	5.770	6892.460	114.721	
1.003	14.805				
4/14/2016 8:45:00 AM	155700.000	13.058	17.670	29.764	
8712.324	10130.750	5.767	6888.910	114.780	
1.003	14.807				
4/14/2016 8:50:00 AM	156000.000	13.061	17.669	29.769	
8710.246	10128.490	5.766	6887.374	114.807	
1.003	14.805				
4/14/2016 8:55:00 AM	156300.000	13.063	17.670	29.775	
8708.525	10126.332	5.765	6885.906	114.830	
1.003	14.802				
4/14/2016 9:00:00 AM	156600.000	13.069	17.669	29.788	
8708.678	10126.647	5.765	6886.120	114.828	
1.003	14.799				
4/14/2016 9:05:00 AM	156900.000	13.064	17.669	29.776	
8706.691	10124.218	5.763	6884.469	114.854	
1.003	14.800				
4/14/2016 9:10:00 AM	157200.000	13.063	17.669	29.775	
8707.424	10125.129	5.764	6885.088	114.845	
1.003	14.801				
4/14/2016 9:15:00 AM	157500.000	13.062	17.670	29.771	
8705.802	10123.165	5.763	6883.753	114.866	
1.003	14.802				
4/14/2016 9:20:00 AM	157800.000	13.061	17.669	29.771	
8703.742	10120.869	5.761	6882.191	114.893	
1.003	14.802				
4/14/2016 9:25:00 AM	158100.000	13.063	17.669	29.775	
8704.575	10121.896	5.762	6882.889	114.882	
1.003	14.803				
4/14/2016 9:30:00 AM	158400.000	13.061	17.670	29.770	
8699.519	10115.839	5.758	6878.771	114.949	
1.003	14.804				
4/14/2016 9:35:00 AM	158700.000	13.062	17.669	29.773	
8698.288	10114.585	5.757	6877.918	114.965	
1.003	14.804				
4/14/2016 9:40:00 AM	159000.000	13.060	17.670	29.767	
8697.344	10113.330	5.757	6877.065	114.978	
1.003	14.804				
4/14/2016 9:45:00 AM	159300.000	13.067	17.669	29.783	
8701.150	10117.796	5.759	6880.101	114.927	
1.003	14.804				
4/14/2016 9:50:00 AM	159600.000	13.059	17.669	29.766	
8696.332	10112.231	5.756	6876.317	114.991	
1.003	14.805				
4/14/2016 9:55:00 AM	159900.000	13.057	17.669	29.761	
8696.272	10112.222	5.756	6876.312	114.992	
1.003	14.807				

4/14/2016 10:00:00 AM 160200.000 13.061 17.669 29.770
8696.628 10112.557 5.756 6876.539 114.987
1.003 14.808
4/14/2016 10:05:00 AM 160500.000 13.063 17.670 29.774
8693.842 10109.238 5.754 6874.282 115.024
1.003 14.806
4/14/2016 10:10:00 AM 160800.000 13.060 17.669 29.768
8694.438 10109.970 5.755 6874.780 115.016
1.003 14.805
4/14/2016 10:15:00 AM 161100.000 13.062 17.669 29.772
8696.152 10112.043 5.756 6876.190 114.993
1.003 14.803
4/14/2016 10:20:00 AM 161400.000 13.062 17.670 29.772
8692.884 10107.947 5.753 6873.404 115.037
1.003 14.803
4/14/2016 10:25:00 AM 161700.000 13.061 17.669 29.770
8694.854 10110.612 5.755 6875.216 115.011
1.003 14.803
4/14/2016 10:30:00 AM 162000.000 13.061 17.670 29.770
8691.882 10106.938 5.753 6872.719 115.050
1.003 14.803
4/14/2016 10:35:00 AM 162300.000 13.066 17.669 29.781
8693.523 10109.044 5.754 6874.150 115.028
1.003 14.805
4/14/2016 10:40:00 AM 162600.000 13.060 17.669 29.767
8692.716 10108.007 5.753 6873.445 115.039
1.003 14.807
4/14/2016 10:45:00 AM 162900.000 13.059 17.670 29.765
8691.673 10106.695 5.753 6872.553 115.053
1.003 14.809
4/14/2016 10:50:00 AM 163200.000 13.057 17.669 29.760
8693.675 10109.122 5.754 6874.204 115.026
1.003 14.810
4/14/2016 10:55:00 AM 163500.000 13.062 17.669 29.773
8692.829 10108.139 5.753 6873.535 115.037
1.003 14.810
4/14/2016 11:00:00 AM 163800.000 13.057 17.670 29.762
8692.355 10107.530 5.753 6873.121 115.044
1.003 14.810
4/14/2016 11:05:00 AM 164100.000 13.058 17.669 29.764
8693.181 10108.608 5.754 6873.854 115.033
1.003 14.810
4/14/2016 11:10:00 AM 164400.000 13.064 17.669 29.777
8691.349 10106.437 5.752 6872.377 115.057
1.003 14.810
4/14/2016 11:15:00 AM 164700.000 13.059 17.669 29.765
8688.155 10102.723 5.750 6869.852 115.099
1.003 14.810
4/14/2016 11:20:00 AM 165000.000 13.057 17.669 29.761
8692.736 10108.031 5.753 6873.462 115.039
1.003 14.813
4/14/2016 11:25:00 AM 165300.000 13.058 17.669 29.764
8690.579 10105.563 5.752 6871.783 115.067
1.003 14.816
4/14/2016 11:30:00 AM 165600.000 13.052 17.670 29.750
8689.325 10104.007 5.751 6870.725 115.084
1.003 14.819

4/14/2016 11:35:00 AM 165900.000 13.058 17.669 29.764
8691.756 10107.049 5.753 6872.793 115.052
1.003 14.816
4/14/2016 11:40:00 AM 166200.000 13.056 17.669 29.759
8688.506 10103.071 5.750 6870.088 115.095
1.003 14.813
4/14/2016 11:45:00 AM 166500.000 13.059 17.669 29.765
8692.954 10108.266 5.754 6873.621 115.036
1.003 14.811
4/14/2016 11:50:00 AM 166800.000 13.059 17.669 29.765
8692.549 10107.873 5.753 6873.354 115.041
1.003 14.811
4/14/2016 11:55:00 AM 167100.000 13.060 17.669 29.768
8690.640 10105.553 5.752 6871.776 115.066
1.003 14.811
4/14/2016 12:00:00 PM 167400.000 13.062 17.669 29.773
8692.521 10107.800 5.753 6873.304 115.041
1.003 14.811
4/14/2016 12:05:00 PM 167700.000 13.059 17.670 29.764
8690.011 10104.745 5.751 6871.227 115.075
1.003 14.810
4/14/2016 12:10:00 PM 168000.000 13.057 17.669 29.761
8692.597 10107.908 5.753 6873.378 115.040
1.003 14.808
4/14/2016 12:15:00 PM 168300.000 13.066 17.669 29.782
8692.295 10107.537 5.753 6873.126 115.044
1.003 14.807
4/14/2016 12:20:00 PM 168600.000 13.062 17.669 29.772
8694.792 10110.381 5.755 6875.060 115.011
1.003 14.807
4/14/2016 12:25:00 PM 168900.000 13.063 17.670 29.775
8695.666 10111.339 5.755 6875.711 115.000
1.003 14.808
4/14/2016 12:30:00 PM 169200.000 13.060 17.669 29.768
8694.661 10110.250 5.755 6874.970 115.013
1.003 14.808
4/14/2016 12:35:00 PM 169500.000 13.063 17.669 29.775
8690.650 10105.666 5.752 6871.854 115.066
1.003 14.807
4/14/2016 12:40:00 PM 169800.000 13.066 17.669 29.782
8694.902 10110.550 5.755 6875.174 115.010
1.003 14.805
4/14/2016 12:45:00 PM 170100.000 13.066 17.670 29.780
8692.780 10107.943 5.753 6873.402 115.038
1.003 14.804
4/14/2016 12:50:00 PM 170400.000 13.059 17.670 29.765
8693.230 10108.548 5.754 6873.813 115.032
1.003 14.807
4/14/2016 12:55:00 PM 170700.000 13.060 17.669 29.768
8691.481 10106.553 5.752 6872.457 115.055
1.003 14.810
4/14/2016 1:00:00 PM 171000.000 13.056 17.669 29.758
8691.450 10106.596 5.752 6872.486 115.056
1.003 14.813
4/14/2016 1:05:00 PM 171300.000 13.059 17.669 29.765
8695.847 10111.647 5.756 6875.921 114.997
1.003 14.810

4/14/2016 1:10:00 PM	171600.000	13.056	17.669	29.758
8696.116	10111.942	5.756	6876.122	114.994
1.003	14.808			
4/14/2016 1:15:00 PM	171900.000	13.057	17.669	29.760
8692.444	10107.731	5.753	6873.258	115.042
1.003	14.806			
4/14/2016 1:20:00 PM	172200.000	13.062	17.669	29.772
8694.756	10110.360	5.755	6875.045	115.012
1.003	14.805			
4/14/2016 1:25:00 PM	172500.000	13.056	17.669	29.758
8693.833	10109.325	5.754	6874.341	115.024
1.003	14.805			
4/14/2016 1:30:00 PM	172800.000	13.060	17.669	29.768
8696.327	10112.246	5.756	6876.328	114.991
1.003	14.805			
4/14/2016 1:35:00 PM	173100.000	13.057	17.669	29.760
8694.573	10110.186	5.755	6874.927	115.014
1.003	14.803			
4/14/2016 1:40:00 PM	173400.000	13.055	17.669	29.757
8694.952	10110.607	5.755	6875.213	115.009
1.003	14.801			
4/14/2016 1:45:00 PM	173700.000	13.058	17.670	29.762
8696.271	10111.869	5.756	6876.071	114.992
1.003	14.799			
4/14/2016 1:50:00 PM	174000.000	13.058	17.670	29.762
8697.959	10114.025	5.757	6877.537	114.969
1.003	14.798			
4/14/2016 1:55:00 PM	174300.000	13.060	17.669	29.768
8695.743	10111.486	5.755	6875.811	114.999
1.003	14.797			
4/14/2016 2:00:00 PM	174600.000	13.059	17.670	29.766
8696.448	10112.269	5.756	6876.343	114.989
1.003	14.796			
4/14/2016 2:05:00 PM	174900.000	13.062	17.669	29.773
8696.325	10112.283	5.756	6876.353	114.991
1.003	14.794			
4/14/2016 2:10:00 PM	175200.000	13.065	17.669	29.780
8695.298	10111.130	5.755	6875.569	115.005
1.003	14.793			
4/14/2016 2:15:00 PM	175500.000	13.065	17.670	29.780
8697.584	10113.569	5.757	6877.228	114.974
1.003	14.792			
4/14/2016 2:20:00 PM	175800.000	13.059	17.669	29.765
8700.295	10116.881	5.759	6879.479	114.939
1.003	14.796			
4/14/2016 2:25:00 PM	176100.000	13.053	17.670	29.751
8698.441	10114.606	5.757	6877.933	114.963
1.003	14.801			
4/14/2016 2:30:00 PM	176400.000	13.049	17.670	29.743
8698.999	10115.255	5.758	6878.374	114.956
1.003	14.806			
4/14/2016 2:35:00 PM	176700.000	13.052	17.670	29.751
8696.470	10112.314	5.756	6876.374	114.989
1.003	14.802			
4/14/2016 2:40:00 PM	177000.000	13.062	17.669	29.772
8698.563	10114.807	5.758	6878.069	114.962
1.003	14.798			

4/14/2016 2:45:00 PM 177300.000 13.061 17.669 29.770
8696.018 10111.806 5.756 6876.028 114.995
1.003 14.794
4/14/2016 2:50:00 PM 177600.000 13.058 17.670 29.764
8696.732 10112.619 5.756 6876.581 114.986
1.003 14.797
4/14/2016 2:55:00 PM 177900.000 13.057 17.670 29.760
8695.563 10111.259 5.755 6875.657 115.001
1.003 14.799
4/14/2016 3:00:00 PM 178200.000 13.058 17.669 29.764
8695.158 10110.887 5.755 6875.403 115.007
1.003 14.802
4/14/2016 3:05:00 PM 178500.000 13.059 17.669 29.765
8692.161 10107.362 5.753 6873.007 115.046
1.003 14.799
4/14/2016 3:10:00 PM 178800.000 13.057 17.669 29.761
8689.841 10104.683 5.751 6871.185 115.077
1.003 14.797
4/14/2016 3:15:00 PM 179100.000 13.058 17.670 29.764
8692.209 10107.359 5.753 6873.005 115.046
1.003 14.794
4/14/2016 3:20:00 PM 179400.000 13.058 17.670 29.763
8689.402 10104.056 5.751 6870.758 115.083
1.003 14.794
4/14/2016 3:25:00 PM 179700.000 13.058 17.670 29.764
8687.440 10101.757 5.750 6869.195 115.109
1.003 14.794
4/14/2016 3:30:00 PM 180000.000 13.059 17.670 29.764
8688.834 10103.354 5.751 6870.282 115.090
1.003 14.793
4/14/2016 3:35:00 PM 180300.000 13.056 17.669 29.759
8688.354 10102.935 5.750 6869.996 115.097
1.003 14.793
4/14/2016 3:40:00 PM 180600.000 13.055 17.669 29.755
8688.445 10103.061 5.750 6870.082 115.095
1.003 14.793
4/14/2016 3:45:00 PM 180900.000 13.054 17.669 29.755
8689.667 10104.480 5.751 6871.047 115.079
1.003 14.793
4/14/2016 3:50:00 PM 181200.000 13.055 17.669 29.757
8690.807 10105.787 5.752 6871.936 115.064
1.003 14.792
4/14/2016 3:55:00 PM 181500.000 13.057 17.669 29.760
8691.330 10106.436 5.752 6872.377 115.057
1.003 14.792
4/14/2016 4:00:00 PM 181800.000 13.053 17.670 29.752
8691.923 10106.986 5.753 6872.751 115.049
1.003 14.791
4/14/2016 4:05:00 PM 182100.000 13.052 17.669 29.750
8693.569 10108.980 5.754 6874.107 115.028
1.003 14.790
4/14/2016 4:10:00 PM 182400.000 13.052 17.669 29.750
8694.646 10110.292 5.755 6874.999 115.013
1.003 14.790
4/14/2016 4:15:00 PM 182700.000 13.057 17.670 29.761
8696.680 10112.559 5.756 6876.540 114.986
1.003 14.789

4/14/2016 4:20:00 PM	183000.000	13.052	17.669	29.748
8695.385	10111.110	5.755	6875.556	115.004
1.003	14.788			
4/14/2016 4:25:00 PM	183300.000	13.057	17.669	29.761
8698.498	10114.712	5.757	6878.004	114.962
1.003	14.787			
4/14/2016 4:30:00 PM	183600.000	13.051	17.670	29.747
8699.014	10115.272	5.758	6878.386	114.956
1.003	14.786			
4/14/2016 4:35:00 PM	183900.000	13.051	17.670	29.748
8703.820	10120.820	5.761	6882.158	114.892
1.003	14.785			
4/14/2016 4:40:00 PM	184200.000	13.052	17.669	29.750
8703.326	10120.385	5.761	6881.862	114.899
1.003	14.784			
4/14/2016 4:45:00 PM	184500.027	13.054	17.670	29.754
8702.392	10119.159	5.760	6881.029	114.911
1.003	14.783			
4/14/2016 4:50:00 PM	184800.000	13.056	17.670	29.758
8705.223	10122.434	5.762	6883.255	114.874
1.003	14.781			
4/14/2016 4:55:00 PM	185100.000	13.059	17.669	29.765
8708.361	10126.159	5.764	6885.789	114.832
1.003	14.779			
4/14/2016 5:00:00 PM	185400.000	13.061	17.670	29.769
8710.391	10128.324	5.766	6887.261	114.805
1.003	14.777			
4/14/2016 5:05:00 PM	185700.000	13.059	17.669	29.765
8709.523	10127.511	5.765	6886.708	114.817
1.003	14.778			
4/14/2016 5:10:00 PM	186000.000	13.058	17.670	29.764
8709.064	10126.939	5.765	6886.319	114.823
1.003	14.780			
4/14/2016 5:15:00 PM	186300.000	13.059	17.669	29.766
8708.606	10126.444	5.765	6885.982	114.829
1.003	14.781			
4/14/2016 5:20:00 PM	186600.000	13.052	17.670	29.750
8709.958	10127.918	5.766	6886.985	114.811
1.003	14.783			
4/14/2016 5:25:00 PM	186900.000	13.058	17.669	29.763
8708.552	10126.462	5.765	6885.995	114.830
1.003	14.784			
4/14/2016 5:30:00 PM	187200.000	13.053	17.670	29.752
8708.158	10125.865	5.764	6885.589	114.835
1.003	14.785			
4/14/2016 5:35:00 PM	187500.000	13.053	17.670	29.752
8709.039	10126.909	5.765	6886.299	114.823
1.003	14.785			
4/14/2016 5:40:00 PM	187800.000	13.052	17.669	29.749
8706.887	10124.444	5.763	6884.623	114.852
1.003	14.785			
4/14/2016 5:45:00 PM	188100.000	13.052	17.669	29.750
8711.773	10130.148	5.767	6888.501	114.787
1.003	14.785			
4/14/2016 5:50:00 PM	188400.000	13.051	17.670	29.747
8710.565	10128.705	5.766	6887.520	114.803
1.003	14.785			

4/14/2016 5:55:00 PM	188700.000	13.055	17.669	29.756
8709.557	10127.608	5.765	6886.774	114.816
1.003	14.784			
4/14/2016 6:00:00 PM	189000.000	13.055	17.669	29.756
8708.035	10125.840	5.764	6885.571	114.836
1.003	14.784			
4/14/2016 6:05:00 PM	189300.000	13.053	17.669	29.751
8705.390	10122.784	5.762	6883.494	114.871
1.003	14.785			
4/14/2016 6:10:00 PM	189600.000	13.052	17.670	29.751
8706.104	10123.517	5.763	6883.992	114.862
1.003	14.786			
4/14/2016 6:15:00 PM	189900.000	13.052	17.669	29.748
8705.136	10122.569	5.762	6883.348	114.875
1.003	14.786			
4/14/2016 6:20:00 PM	190200.000	13.055	17.669	29.757
8706.177	10123.641	5.763	6884.076	114.861
1.003	14.785			
4/14/2016 6:25:00 PM	190500.000	13.054	17.670	29.754
8702.920	10119.696	5.761	6881.394	114.904
1.003	14.784			
4/14/2016 6:30:00 PM	190800.000	13.056	17.669	29.758
8701.501	10118.283	5.760	6880.433	114.923
1.003	14.782			
4/14/2016 6:35:00 PM	191100.000	13.053	17.669	29.751
8702.499	10119.383	5.760	6881.180	114.910
1.003	14.784			
4/14/2016 6:40:00 PM	191400.000	13.054	17.670	29.755
8702.456	10119.234	5.760	6881.080	114.910
1.003	14.785			
4/14/2016 6:45:00 PM	191700.000	13.052	17.669	29.749
8701.087	10117.700	5.759	6880.036	114.928
1.003	14.787			
4/14/2016 6:50:00 PM	192000.000	13.050	17.669	29.746
8699.718	10116.149	5.758	6878.981	114.946
1.003	14.786			
4/14/2016 6:55:00 PM	192300.000	13.058	17.670	29.762
8701.029	10117.616	5.759	6879.979	114.929
1.003	14.786			
4/14/2016 7:00:00 PM	192600.000	13.055	17.669	29.756
8698.547	10114.788	5.757	6878.057	114.962
1.003	14.785			
4/14/2016 7:05:00 PM	192900.000	13.055	17.670	29.756
8699.447	10115.776	5.758	6878.729	114.950
1.003	14.784			
4/14/2016 7:10:00 PM	193200.000	13.055	17.670	29.756
8698.647	10114.749	5.757	6878.030	114.960
1.003	14.783			
4/14/2016 7:15:00 PM	193500.000	13.057	17.670	29.760
8699.415	10115.739	5.758	6878.703	114.950
1.003	14.783			
4/14/2016 7:20:00 PM	193800.000	13.055	17.670	29.756
8695.462	10111.122	5.755	6875.563	115.003
1.003	14.782			
4/14/2016 7:25:00 PM	194100.000	13.062	17.669	29.771
8697.763	10113.916	5.757	6877.463	114.972
1.003	14.782			

4/14/2016 7:30:00 PM	194400.000	13.061	17.669	29.771
8696.072	10111.971	5.756	6876.141	114.994
1.003	14.781			
4/14/2016 7:35:00 PM	194700.000	13.056	17.669	29.759
8695.117	10110.800	5.755	6875.344	115.007
1.003	14.782			
4/14/2016 7:40:00 PM	195000.000	13.056	17.669	29.758
8698.093	10114.300	5.757	6877.725	114.968
1.003	14.784			
4/14/2016 7:45:00 PM	195300.000	13.054	17.669	29.755
8697.354	10113.439	5.757	6877.139	114.978
1.003	14.785			
4/14/2016 7:50:00 PM	195600.000	13.053	17.670	29.751
8693.734	10109.113	5.754	6874.197	115.025
1.003	14.787			
4/14/2016 7:55:00 PM	195900.000	13.051	17.669	29.748
8698.612	10114.962	5.758	6878.175	114.961
1.003	14.789			
4/14/2016 8:00:00 PM	196200.000	13.054	17.669	29.754
8696.115	10111.960	5.756	6876.133	114.994
1.003	14.791			
4/14/2016 8:05:00 PM	196500.000	13.050	17.670	29.745
8695.039	10110.610	5.755	6875.215	115.008
1.003	14.791			
4/14/2016 8:10:00 PM	196800.000	13.050	17.669	29.745
8694.950	10110.605	5.755	6875.212	115.009
1.003	14.791			
4/14/2016 8:15:00 PM	197100.000	13.051	17.669	29.748
8694.028	10109.671	5.754	6874.577	115.021
1.003	14.792			
4/14/2016 8:20:00 PM	197400.000	13.060	17.670	29.767
8691.500	10106.515	5.752	6872.430	115.055
1.003	14.791			
4/14/2016 8:25:00 PM	197700.000	13.055	17.669	29.757
8693.669	10109.115	5.754	6874.198	115.026
1.003	14.789			
4/14/2016 8:30:00 PM	198000.000	13.055	17.669	29.757
8689.316	10104.014	5.751	6870.730	115.084
1.003	14.788			
4/14/2016 8:35:00 PM	198300.000	13.057	17.669	29.762
8688.039	10102.569	5.750	6869.747	115.101
1.003	14.788			
4/14/2016 8:40:00 PM	198600.000	13.058	17.670	29.764
8686.403	10100.608	5.749	6868.414	115.122
1.003	14.788			
4/14/2016 8:45:00 PM	198900.000	13.059	17.669	29.765
8685.602	10099.774	5.748	6867.847	115.133
1.003	14.788			
4/14/2016 8:50:00 PM	199200.000	13.056	17.670	29.759
8684.479	10098.371	5.747	6866.893	115.148
1.003	14.790			
4/14/2016 8:55:00 PM	199500.000	13.055	17.669	29.757
8683.027	10096.701	5.746	6865.757	115.167
1.003	14.793			
4/14/2016 9:00:00 PM	199800.000	13.052	17.669	29.750
8679.914	10093.103	5.744	6863.310	115.209
1.003	14.795			

4/14/2016 9:05:00 PM	200100.000	13.054	17.669	29.754
8679.995	10093.175	5.744	6863.359	115.207
1.003	14.795			
4/14/2016 9:10:00 PM	200400.000	13.057	17.669	29.761
8678.740	10091.756	5.743	6862.395	115.224
1.003	14.795			
4/14/2016 9:15:00 PM	200700.000	13.058	17.670	29.764
8677.106	10089.681	5.742	6860.983	115.246
1.003	14.794			
4/14/2016 9:20:00 PM	201000.000	13.058	17.669	29.763
8677.325	10090.209	5.742	6861.342	115.243
1.003	14.795			
4/14/2016 9:25:00 PM	201300.000	13.061	17.669	29.771
8672.433	10084.381	5.739	6857.379	115.308
1.003	14.796			
4/14/2016 9:30:00 PM	201600.000	13.061	17.670	29.770
8673.024	10085.011	5.739	6857.808	115.300
1.003	14.797			
4/14/2016 9:35:00 PM	201900.000	13.056	17.670	29.758
8672.726	10084.704	5.739	6857.599	115.304
1.003	14.799			
4/14/2016 9:40:00 PM	202200.000	13.054	17.669	29.755
8669.907	10081.504	5.737	6855.423	115.341
1.003	14.802			
4/14/2016 9:45:00 PM	202500.000	13.052	17.669	29.749
8665.813	10076.725	5.734	6852.173	115.396
1.003	14.804			
4/14/2016 9:50:00 PM	202800.000	13.052	17.669	29.749
8667.662	10078.894	5.736	6853.648	115.371
1.003	14.806			
4/14/2016 9:55:00 PM	203100.000	13.054	17.670	29.753
8662.882	10073.200	5.732	6849.777	115.435
1.003	14.808			
4/14/2016 10:00:00 PM	203400.000	13.052	17.670	29.750
8664.760	10075.441	5.733	6851.301	115.410
1.003	14.810			
4/14/2016 10:05:00 PM	203700.000	13.049	17.670	29.742
8666.329	10077.208	5.735	6852.502	115.389
1.003	14.808			
4/14/2016 10:10:00 PM	204000.000	13.049	17.669	29.744
8664.943	10075.773	5.734	6851.526	115.408
1.003	14.806			
4/14/2016 10:15:00 PM	204300.000	13.052	17.669	29.750
8664.983	10075.800	5.734	6851.544	115.407
1.003	14.804			
4/14/2016 10:20:00 PM	204600.000	13.054	17.670	29.755
8662.625	10072.959	5.732	6849.613	115.438
1.003	14.804			
4/14/2016 10:25:00 PM	204900.000	13.051	17.669	29.747
8661.030	10071.202	5.731	6848.418	115.460
1.003	14.804			
4/14/2016 10:30:00 PM	205200.000	13.054	17.669	29.753
8666.019	10076.923	5.734	6852.308	115.393
1.003	14.805			
4/14/2016 10:35:00 PM	205500.000	13.050	17.670	29.745
8663.409	10073.871	5.732	6850.232	115.428
1.003	14.803			

4/14/2016 10:40:00 PM 205800.000 13.051 17.669 29.747
8666.176 10077.105 5.734 6852.432 115.391
1.003 14.801
4/14/2016 10:45:00 PM 206100.000 13.055 17.670 29.756
8663.390 10073.769 5.732 6850.163 115.428
1.003 14.799
4/14/2016 10:50:00 PM 206400.000 13.054 17.669 29.753
8667.080 10078.197 5.735 6853.175 115.379
1.003 14.800
4/14/2016 10:55:00 PM 206700.000 13.053 17.669 29.752
8665.304 10076.150 5.734 6851.782 115.403
1.003 14.801
4/14/2016 11:00:00 PM 207000.000 13.051 17.669 29.747
8664.249 10074.945 5.733 6850.963 115.417
1.003 14.802
4/14/2016 11:05:00 PM 207300.000 13.049 17.669 29.743
8667.236 10078.339 5.735 6853.271 115.377
1.003 14.802
4/14/2016 11:10:00 PM 207600.000 13.050 17.669 29.745
8666.399 10077.365 5.735 6852.609 115.388
1.003 14.802
4/14/2016 11:15:00 PM 207900.000 13.048 17.669 29.739
8669.247 10080.718 5.737 6854.889 115.350
1.003 14.802
4/14/2016 11:20:00 PM 208200.000 13.055 17.669 29.757
8670.555 10082.219 5.738 6855.909 115.333
1.003 14.799
4/14/2016 11:25:00 PM 208500.000 13.058 17.669 29.763
8671.019 10082.777 5.738 6856.289 115.327
1.003 14.796
4/14/2016 11:30:00 PM 208800.000 13.060 17.669 29.769
8671.419 10083.224 5.738 6856.593 115.321
1.003 14.793
4/14/2016 11:35:00 PM 209100.000 13.061 17.669 29.771
8673.348 10085.467 5.740 6858.118 115.296
1.003 14.795
4/14/2016 11:40:00 PM 209400.000 13.053 17.670 29.751
8674.660 10086.913 5.740 6859.101 115.278
1.003 14.796
4/14/2016 11:45:00 PM 209700.000 13.058 17.669 29.762
8674.937 10087.314 5.741 6859.375 115.275
1.003 14.797
4/14/2016 11:50:00 PM 210000.000 13.054 17.669 29.753
8673.611 10085.853 5.740 6858.380 115.292
1.003 14.798
4/14/2016 11:55:00 PM 210300.000 13.053 17.670 29.753
8675.492 10087.921 5.741 6859.787 115.267
1.003 14.798
4/15/2016 12:00:00 AM 210600.000 13.053 17.669 29.751
8681.842 10095.423 5.746 6864.888 115.183
1.003 14.799
4/15/2016 12:05:00 AM 210900.000 13.052 17.669 29.751
8700.262 10116.821 5.759 6879.439 114.939
1.003 14.798
4/15/2016 12:10:00 AM 211200.000 13.058 17.669 29.764
8725.475 10146.160 5.777 6899.389 114.607
1.003 14.796

4/15/2016 12:15:00 AM 211500.000 13.055 17.669 29.757
8750.137 10174.736 5.794 6918.821 114.284
1.003 14.795
4/15/2016 12:20:00 AM 211800.000 13.062 17.669 29.771
8775.926 10204.784 5.813 6939.254 113.948
1.003 14.794
4/15/2016 12:25:00 AM 212100.000 13.057 17.670 29.762
8794.675 10226.291 5.826 6953.878 113.705
1.003 14.792
4/15/2016 12:30:00 AM 212400.000 13.064 17.670 29.777
8814.697 10249.611 5.840 6969.736 113.447
1.003 14.791
4/15/2016 12:35:00 AM 212700.000 13.056 17.671 29.758
8831.414 10268.988 5.852 6982.913 113.232
1.003 14.794
4/15/2016 12:40:00 AM 213000.000 13.053 17.670 29.752
8845.327 10285.308 5.862 6994.009 113.054
1.003 14.796
4/15/2016 12:45:00 AM 213300.000 13.053 17.668 29.751
8858.920 10301.451 5.872 7004.987 112.881
1.003 14.799
4/15/2016 12:50:00 AM 213600.000 13.053 17.670 29.751
8869.676 10313.561 5.879 7013.222 112.744
1.003 14.799
4/15/2016 12:55:00 AM 213900.000 13.058 17.670 29.762
8881.801 10327.698 5.888 7022.835 112.590
1.003 14.799
4/15/2016 1:00:00 AM 214200.000 13.053 17.669 29.753
8894.110 10342.149 5.897 7032.662 112.434
1.003 14.798
4/15/2016 1:05:00 AM 214500.000 13.051 17.669 29.748
8905.057 10354.939 5.905 7041.359 112.296
1.003 14.800
4/15/2016 1:10:00 AM 214800.000 13.052 17.669 29.749
8916.059 10367.794 5.912 7050.100 112.157
1.003 14.802
4/15/2016 1:15:00 AM 215100.000 13.053 17.670 29.753
8925.274 10378.270 5.919 7057.223 112.041
1.003 14.804
4/15/2016 1:20:00 AM 215400.000 13.050 17.669 29.745
8936.185 10391.197 5.927 7066.014 111.905
1.003 14.804
4/15/2016 1:25:00 AM 215700.000 13.051 17.670 29.748
8942.290 10398.096 5.931 7070.706 111.828
1.003 14.803
4/15/2016 1:30:00 AM 216000.000 13.052 17.670 29.749
8951.967 10409.287 5.938 7078.316 111.707
1.003 14.802
4/15/2016 1:35:00 AM 216300.000 13.051 17.669 29.748
8959.183 10417.858 5.943 7084.144 111.617
1.003 14.801
4/15/2016 1:40:00 AM 216600.000 13.052 17.669 29.750
8966.863 10426.789 5.949 7090.217 111.522
1.003 14.800
4/15/2016 1:45:00 AM 216900.000 13.054 17.670 29.753
8975.820 10436.963 5.955 7097.135 111.410
1.003 14.799

4/15/2016 1:50:00 AM	217200.000	13.056	17.669	29.759	
8982.301	10444.698	5.960	7102.396	111.330	
1.003	14.798				
4/15/2016 1:55:00 AM	217500.000	13.057	17.670	29.761	
8988.054	10451.287	5.964	7106.876	111.259	
1.003	14.796				
4/15/2016 2:00:00 AM	217800.000	13.059	17.669	29.764	
8995.122	10459.607	5.969	7112.534	111.171	
1.003	14.794				
4/15/2016 2:05:00 AM	218100.000	13.063	17.670	29.774	
9001.745	10467.248	5.973	7117.729	111.090	
1.003	14.794				
4/15/2016 2:10:00 AM	218400.000	13.062	17.669	29.772	
9007.578	10474.113	5.978	7122.397	111.018	
1.003	14.793				
4/15/2016 2:15:00 AM	218700.000	13.057	17.669	29.762	
9013.411	10480.874	5.982	7126.995	110.946	
1.003	14.792				
4/15/2016 2:20:00 AM	219000.000	13.059	17.670	29.765	
9017.675	10485.753	5.985	7130.313	110.893	
1.003	14.791				
4/15/2016 2:25:00 AM	219300.000	13.064	17.669	29.776	
9020.987	10489.768	5.987	7133.042	110.853	
1.003	14.790				
4/15/2016 2:30:00 AM	219600.000	13.058	17.671	29.764	
9027.674	10497.195	5.992	7138.093	110.771	
1.003	14.789				
4/15/2016 2:35:00 AM	219900.000	13.063	17.670	29.775	
9033.225	10503.895	5.996	7142.649	110.702	
1.003	14.788				
4/15/2016 2:40:00 AM	220200.000	13.059	17.671	29.765	
9035.076	10505.784	5.997	7143.933	110.680	
1.003	14.787				
4/15/2016 2:45:00 AM	220500.000	13.065	17.670	29.780	
9042.175	10514.158	6.002	7149.628	110.593	
1.003	14.786				
4/15/2016 2:50:00 AM	220800.000	13.060	17.670	29.767	
9046.349	10519.095	6.005	7152.984	110.542	
1.003	14.786				
4/15/2016 2:55:00 AM	221100.000	13.059	17.669	29.765	
9051.177	10524.830	6.009	7156.885	110.483	
1.003	14.786				
4/15/2016 3:00:00 AM	221400.000	13.059	17.670	29.765	
9055.364	10529.639	6.012	7160.155	110.432	
1.003	14.786				
4/15/2016 3:05:00 AM	221700.000	13.058	17.669	29.763	
9056.183	10530.714	6.012	7160.886	110.422	
1.003	14.787				
4/15/2016 3:10:00 AM	222000.000	13.061	17.669	29.770	
9061.520	10536.877	6.016	7165.077	110.357	
1.003	14.788				
4/15/2016 3:15:00 AM	222300.000	13.055	17.669	29.757	
9064.267	10540.153	6.018	7167.305	110.323	
1.003	14.789				
4/15/2016 3:20:00 AM	222600.000	13.061	17.669	29.771	
9068.331	10544.841	6.021	7170.492	110.274	
1.003	14.788				

4/15/2016 3:25:00 AM	222900.000	13.058	17.670	29.763
9070.069	10546.594	6.022	7171.684	110.253
1.003	14.786			
4/15/2016 3:30:00 AM	223200.000	13.058	17.669	29.764
9073.962	10551.367	6.025	7174.930	110.205
1.003	14.785			
4/15/2016 3:35:00 AM	223500.000	13.065	17.669	29.779
9075.401	10553.143	6.026	7176.137	110.188
1.003	14.783			
4/15/2016 3:40:00 AM	223800.000	13.063	17.670	29.775
9080.183	10558.313	6.029	7179.654	110.130
1.003	14.781			
4/15/2016 3:45:00 AM	224100.000	13.067	17.670	29.784
9079.146	10557.250	6.029	7178.930	110.143
1.003	14.779			
4/15/2016 3:50:00 AM	224400.000	13.066	17.669	29.782
9083.472	10562.526	6.032	7182.519	110.090
1.003	14.780			
4/15/2016 3:55:00 AM	224700.000	13.066	17.670	29.781
9085.319	10564.387	6.033	7183.784	110.068
1.003	14.782			
4/15/2016 4:00:00 AM	225000.000	13.064	17.669	29.778
9085.944	10565.259	6.034	7184.376	110.060
1.003	14.783			
4/15/2016 4:05:00 AM	225300.000	13.070	17.669	29.790
9085.637	10565.004	6.033	7184.203	110.064
1.003	14.783			
4/15/2016 4:10:00 AM	225600.000	13.066	17.669	29.781
9089.486	10569.397	6.036	7187.190	110.017
1.003	14.783			
4/15/2016 4:15:00 AM	225900.000	13.066	17.670	29.781
9090.598	10570.464	6.037	7187.916	110.004
1.003	14.783			
4/15/2016 4:20:00 AM	226200.000	13.063	17.670	29.776
9094.554	10575.209	6.040	7191.143	109.956
1.003	14.785			
4/15/2016 4:25:00 AM	226500.000	13.062	17.669	29.772
9095.044	10575.840	6.040	7191.572	109.950
1.003	14.787			
4/15/2016 4:30:00 AM	226800.000	13.061	17.670	29.771
9094.417	10574.904	6.040	7190.936	109.958
1.003	14.789			
4/15/2016 4:35:00 AM	227100.000	13.064	17.670	29.776
9097.689	10578.834	6.042	7193.608	109.918
1.003	14.787			
4/15/2016 4:40:00 AM	227400.000	13.066	17.669	29.782
9097.476	10578.647	6.042	7193.481	109.921
1.003	14.785			
4/15/2016 4:45:00 AM	227700.000	13.068	17.669	29.786
9099.370	10580.953	6.043	7195.049	109.898
1.003	14.783			
4/15/2016 4:50:00 AM	228000.000	13.073	17.669	29.796
9098.848	10580.221	6.043	7194.550	109.904
1.003	14.784			
4/15/2016 4:55:00 AM	228300.000	13.068	17.670	29.785
9101.252	10582.874	6.044	7196.355	109.875
1.003	14.784			

4/15/2016 5:00:00 AM 228600.000 13.064 17.669 29.778
9100.989 10582.795 6.044 7196.301 109.878
1.003 14.785
4/15/2016 5:05:00 AM 228900.000 13.063 17.669 29.776
9096.399 10577.519 6.041 7192.713 109.934
1.003 14.786
4/15/2016 5:10:00 AM 229200.000 13.068 17.670 29.785
9087.538 10566.949 6.035 7185.526 110.041
1.003 14.786
4/15/2016 5:15:00 AM 229500.000 13.064 17.669 29.776
9074.148 10551.542 6.025 7175.049 110.203
1.003 14.787
4/15/2016 5:20:00 AM 229800.000 13.070 17.670 29.791
9053.967 10528.014 6.011 7159.049 110.449
1.003 14.787
4/15/2016 5:25:00 AM 230100.000 13.064 17.670 29.776
9036.914 10508.084 5.999 7145.498 110.657
1.003 14.787
4/15/2016 5:30:00 AM 230400.000 13.070 17.670 29.791
9023.302 10492.296 5.989 7134.761 110.824
1.003 14.787
4/15/2016 5:35:00 AM 230700.000 13.065 17.670 29.779
9010.765 10477.778 5.980 7124.889 110.978
1.003 14.787
4/15/2016 5:40:00 AM 231000.000 13.067 17.670 29.784
8996.691 10461.330 5.970 7113.705 111.152
1.003 14.788
4/15/2016 5:45:00 AM 231300.000 13.064 17.670 29.777
8984.679 10447.362 5.961 7104.207 111.301
1.003 14.788
4/15/2016 5:50:00 AM 231600.000 13.069 17.669 29.787
8975.263 10436.515 5.955 7096.831 111.417
1.003 14.788
4/15/2016 5:55:00 AM 231900.000 13.070 17.670 29.791
8964.358 10423.656 5.947 7088.086 111.553
1.003 14.789
4/15/2016 6:00:00 AM 232200.000 13.065 17.669 29.779
8951.653 10409.204 5.938 7078.259 111.711
1.003 14.789
4/15/2016 6:05:00 AM 232500.000 13.065 17.669 29.779
8944.456 10400.692 5.933 7072.471 111.801
1.003 14.789
4/15/2016 6:10:00 AM 232800.000 13.065 17.670 29.780
8936.440 10391.312 5.927 7066.092 111.901
1.003 14.790
4/15/2016 6:15:00 AM 233100.000 13.066 17.670 29.783
8926.838 10380.128 5.920 7058.487 112.022
1.003 14.790
4/15/2016 6:20:00 AM 233400.000 13.067 17.670 29.783
8921.448 10373.820 5.916 7054.198 112.089
1.003 14.789
4/15/2016 6:25:00 AM 233700.000 13.069 17.669 29.788
8913.794 10365.203 5.911 7048.339 112.186
1.003 14.787
4/15/2016 6:30:00 AM 234000.000 13.071 17.669 29.793
8907.292 10357.642 5.906 7043.197 112.268
1.003 14.786

4/15/2016 6:35:00 AM 234300.000 13.071 17.670 29.792
8899.118 10347.813 5.900 7036.513 112.371
1.003 14.787
4/15/2016 6:40:00 AM 234600.000 13.073 17.669 29.797
8894.799 10343.012 5.897 7033.249 112.425
1.003 14.788
4/15/2016 6:45:00 AM 234900.000 13.072 17.670 29.795
8885.723 10332.279 5.891 7025.950 112.540
1.003 14.789
4/15/2016 6:50:00 AM 235200.000 13.073 17.669 29.798
8882.060 10328.260 5.888 7023.217 112.587
1.003 14.790
4/15/2016 6:55:00 AM 235500.000 13.066 17.670 29.782
8876.608 10321.660 5.884 7018.729 112.656
1.003 14.790
4/15/2016 7:00:00 AM 235800.000 13.066 17.670 29.782
8871.140 10315.280 5.880 7014.391 112.725
1.003 14.791
4/15/2016 7:05:00 AM 236100.000 13.070 17.669 29.791
8865.219 10308.615 5.876 7009.858 112.800
1.003 14.792
4/15/2016 7:10:00 AM 236400.000 13.066 17.669 29.781
8857.794 10300.103 5.871 7004.070 112.895
1.003 14.793
4/15/2016 7:15:00 AM 236700.000 13.071 17.669 29.792
8854.555 10296.296 5.869 7001.482 112.936
1.003 14.794
4/15/2016 7:20:00 AM 237000.000 13.066 17.668 29.782
8849.340 10290.371 5.865 6997.453 113.003
1.003 14.795
4/15/2016 7:25:00 AM 237300.000 13.068 17.670 29.785
8842.193 10281.563 5.860 6991.463 113.094
1.003 14.796
4/15/2016 7:30:00 AM 237600.000 13.067 17.669 29.783
8839.625 10278.957 5.858 6989.691 113.127
1.003 14.797
4/15/2016 7:35:00 AM 237900.000 13.066 17.669 29.782
8835.472 10274.006 5.855 6986.325 113.180
1.003 14.798
4/15/2016 7:40:00 AM 238200.000 13.064 17.670 29.777
8827.102 10264.214 5.849 6979.666 113.287
1.003 14.799
4/15/2016 7:45:00 AM 238500.000 13.065 17.669 29.779
8823.896 10260.525 5.847 6977.158 113.329
1.003 14.800
4/15/2016 7:50:00 AM 238800.000 13.065 17.669 29.779
8819.443 10255.429 5.844 6973.692 113.386
1.003 14.800
4/15/2016 7:55:00 AM 239100.000 13.065 17.669 29.780
8818.581 10254.524 5.843 6973.077 113.397
1.003 14.801
4/15/2016 8:00:00 AM 239400.000 13.064 17.669 29.776
8809.654 10243.943 5.837 6965.882 113.512
1.003 14.801
4/15/2016 8:05:00 AM 239700.000 13.063 17.669 29.775
8805.775 10239.574 5.834 6962.911 113.562
1.003 14.801

4/15/2016 8:10:00 AM	240000.000	13.064	17.670	29.778	
8804.490	10237.802	5.833	6961.705	113.578	
1.003	14.800				
4/15/2016 8:15:00 AM	240300.000	13.068	17.669	29.786	
8799.082	10231.830	5.829	6957.645	113.648	
1.003	14.800				
4/15/2016 8:20:00 AM	240600.000	13.063	17.668	29.774	
8797.436	10229.955	5.828	6956.370	113.669	
1.003	14.799				
4/15/2016 8:25:00 AM	240900.000	13.064	17.669	29.777	
8792.455	10224.025	5.824	6952.338	113.734	
1.003	14.799				
4/15/2016 8:30:00 AM	241200.000	13.068	17.669	29.786	
8788.879	10219.888	5.822	6949.524	113.780	
1.003	14.798				
4/15/2016 8:35:00 AM	241500.000	13.071	17.669	29.792	
8787.725	10218.484	5.821	6948.570	113.795	
1.003	14.798				
4/15/2016 8:40:00 AM	241800.000	13.067	17.669	29.784	
8782.772	10212.686	5.817	6944.627	113.859	
1.003	14.797				
4/15/2016 8:45:00 AM	242100.000	13.066	17.670	29.781	
8777.839	10206.872	5.814	6940.673	113.923	
1.003	14.797				
4/15/2016 8:50:00 AM	242400.000	13.072	17.668	29.796	
8773.697	10202.371	5.811	6937.612	113.977	
1.003	14.795				
4/15/2016 8:55:00 AM	242700.000	13.069	17.670	29.788	
8771.122	10199.120	5.809	6935.402	114.010	
1.003	14.794				
4/15/2016 9:00:00 AM	243000.000	13.070	17.669	29.792	
8770.191	10198.116	5.808	6934.720	114.023	
1.003	14.792				
4/15/2016 9:05:00 AM	243300.000	13.069	17.670	29.789	
8769.147	10196.705	5.808	6933.760	114.036	
1.003	14.794				
4/15/2016 9:10:00 AM	243600.000	13.067	17.670	29.785	
8764.873	10191.833	5.805	6930.447	114.092	
1.003	14.796				
4/15/2016 9:15:00 AM	243900.000	13.066	17.670	29.783	
8760.506	10186.734	5.802	6926.980	114.149	
1.003	14.798				
4/15/2016 9:20:00 AM	244200.000	13.069	17.670	29.787	
8761.181	10187.403	5.802	6927.435	114.140	
1.003	14.797				
4/15/2016 9:25:00 AM	244500.000	13.065	17.669	29.779	
8757.289	10183.053	5.799	6924.477	114.191	
1.003	14.795				
4/15/2016 9:30:00 AM	244800.000	13.068	17.670	29.785	
8753.928	10179.046	5.797	6921.752	114.234	
1.003	14.794				
4/15/2016 9:35:00 AM	245100.000	13.070	17.669	29.791	
8751.631	10176.555	5.795	6920.057	114.264	
1.003	14.794				
4/15/2016 9:40:00 AM	245400.000	13.067	17.670	29.785	
8750.705	10175.261	5.795	6919.178	114.277	
1.003	14.795				

4/15/2016 9:45:00 AM 245700.000 13.068 17.669 29.787
8749.199 10173.687 5.794 6918.107 114.296
1.003 14.795
4/15/2016 9:50:00 AM 246000.000 13.065 17.670 29.779
8747.964 10172.191 5.793 6917.091 114.312
1.003 14.795
4/15/2016 9:55:00 AM 246300.000 13.065 17.670 29.780
8745.243 10169.008 5.791 6914.926 114.348
1.003 14.795
4/15/2016 10:00:00 AM 246600.000 13.067 17.670 29.783
8743.813 10167.346 5.790 6913.795 114.367
1.003 14.794
4/15/2016 10:05:00 AM 246900.000 13.065 17.669 29.778
8743.277 10166.820 5.789 6913.438 114.374
1.003 14.796
4/15/2016 10:10:00 AM 247200.000 13.064 17.670 29.777
8742.639 10165.941 5.789 6912.841 114.382
1.003 14.798
4/15/2016 10:15:00 AM 247500.000 13.063 17.670 29.775
8741.151 10164.055 5.788 6911.558 114.401
1.003 14.800
4/15/2016 10:20:00 AM 247800.000 13.063 17.670 29.774
8740.122 10163.032 5.787 6910.862 114.415
1.003 14.800
4/15/2016 10:25:00 AM 248100.000 13.068 17.670 29.787
8738.581 10161.281 5.786 6909.672 114.435
1.003 14.799
4/15/2016 10:30:00 AM 248400.000 13.064 17.670 29.778
8735.332 10157.445 5.784 6907.063 114.478
1.003 14.799
4/15/2016 10:35:00 AM 248700.000 13.064 17.669 29.778
8733.691 10155.613 5.782 6905.817 114.499
1.003 14.798
4/15/2016 10:40:00 AM 249000.000 13.069 17.669 29.789
8731.892 10153.602 5.781 6904.449 114.523
1.003 14.797
4/15/2016 10:45:00 AM 249300.000 13.067 17.670 29.784
8729.656 10150.863 5.780 6902.587 114.552
1.003 14.796
4/15/2016 10:50:00 AM 249600.000 13.062 17.670 29.773
8731.658 10153.211 5.781 6904.184 114.526
1.003 14.800
4/15/2016 10:55:00 AM 249900.000 13.061 17.669 29.769
8729.118 10150.336 5.779 6902.229 114.559
1.003 14.803
4/15/2016 11:00:00 AM 250200.000 13.057 17.670 29.761
8725.694 10146.238 5.777 6899.442 114.604
1.003 14.807
4/15/2016 11:05:00 AM 250500.000 13.061 17.670 29.769
8726.179 10146.860 5.777 6899.866 114.598
1.003 14.804
4/15/2016 11:10:00 AM 250800.000 13.063 17.670 29.774
8725.043 10145.498 5.776 6898.939 114.613
1.003 14.802
4/15/2016 11:15:00 AM 251100.000 13.065 17.670 29.779
8725.061 10145.560 5.776 6898.980 114.612
1.003 14.799

4/15/2016 11:20:00 AM	251400.000	13.071	17.670	29.792	
8724.409	10144.762	5.776	6898.438	114.621	
1.003	14.798				
4/15/2016 11:25:00 AM	251700.000	13.070	17.670	29.790	
8725.285	10145.821	5.776	6899.159	114.609	
1.003	14.796				
4/15/2016 11:30:00 AM	252000.000	13.067	17.670	29.783	
8724.969	10145.453	5.776	6898.909	114.614	
1.003	14.794				
4/15/2016 11:35:00 AM	252300.000	13.063	17.669	29.775	
8721.352	10141.346	5.774	6896.116	114.661	
1.003	14.795				
4/15/2016 11:40:00 AM	252600.000	13.064	17.668	29.776	
8723.232	10143.688	5.775	6897.708	114.636	
1.003	14.795				
4/15/2016 11:45:00 AM	252900.000	13.062	17.669	29.773	
8723.318	10143.690	5.775	6897.710	114.635	
1.003	14.796				
4/15/2016 11:50:00 AM	253200.000	13.069	17.670	29.788	
8720.488	10140.202	5.773	6895.337	114.672	
1.003	14.795				
4/15/2016 11:55:00 AM	253500.000	13.068	17.670	29.787	
8722.474	10142.552	5.774	6896.936	114.646	
1.003	14.793				
4/15/2016 12:00:00 PM	253800.000	13.069	17.669	29.788	
8724.002	10144.347	5.776	6898.156	114.626	
1.003	14.792				
4/15/2016 12:05:00 PM	254100.000	13.063	17.670	29.775	
8720.414	10140.076	5.773	6895.252	114.673	
1.003	14.792				
4/15/2016 12:10:00 PM	254400.000	13.063	17.669	29.775	
8721.060	10140.925	5.773	6895.829	114.665	
1.003	14.793				
4/15/2016 12:15:00 PM	254700.000	13.062	17.670	29.773	
8724.690	10145.129	5.776	6898.688	114.617	
1.003	14.793				
4/15/2016 12:20:00 PM	255000.000	13.061	17.670	29.770	
8725.559	10146.098	5.777	6899.347	114.606	
1.003	14.793				
4/15/2016 12:25:00 PM	255300.000	13.061	17.669	29.769	
8724.456	10144.874	5.776	6898.515	114.620	
1.003	14.792				
4/15/2016 12:30:00 PM	255600.000	13.061	17.670	29.771	
8723.229	10143.410	5.775	6897.520	114.636	
1.003	14.792				
4/15/2016 12:35:00 PM	255900.000	13.063	17.669	29.775	
8722.154	10142.258	5.774	6896.736	114.651	
1.003	14.792				
4/15/2016 12:40:00 PM	256200.000	13.063	17.669	29.774	
8722.705	10142.860	5.775	6897.146	114.643	
1.003	14.792				
4/15/2016 12:45:00 PM	256500.000	13.069	17.670	29.789	
8719.987	10139.603	5.773	6894.930	114.679	
1.003	14.791				
4/15/2016 12:50:00 PM	256800.000	13.063	17.669	29.775	
8722.772	10143.078	5.775	6897.293	114.642	
1.003	14.791				

4/15/2016 12:55:00 PM 257100.000 13.067 17.670 29.785
8719.232 10138.725 5.772 6894.333 114.689
1.003 14.790
4/15/2016 1:00:00 PM 257400.000 13.066 17.669 29.781
8722.035 10142.101 5.774 6896.629 114.652
1.003 14.790
4/15/2016 1:05:00 PM 257700.000 13.063 17.670 29.774
8719.905 10139.545 5.773 6894.891 114.680
1.003 14.788
4/15/2016 1:10:00 PM 258000.000 13.062 17.669 29.771
8717.712 10137.054 5.771 6893.197 114.709
1.003 14.787
4/15/2016 1:15:00 PM 258300.000 13.063 17.670 29.775
8722.663 10142.616 5.775 6896.979 114.644
1.003 14.785
4/15/2016 1:20:00 PM 258600.000 13.069 17.669 29.787
8720.849 10140.761 5.773 6895.718 114.668
1.003 14.785
4/15/2016 1:25:00 PM 258900.000 13.069 17.670 29.789
8718.895 10138.309 5.772 6894.050 114.693
1.003 14.784
4/15/2016 1:30:00 PM 259200.000 13.063 17.670 29.775
8720.029 10139.669 5.773 6894.976 114.679
1.003 14.784
4/15/2016 1:35:00 PM 259500.000 13.062 17.670 29.772
8718.350 10137.676 5.772 6893.620 114.701
1.003 14.785
4/15/2016 1:40:00 PM 259800.000 13.062 17.670 29.773
8718.867 10138.261 5.772 6894.018 114.694
1.003 14.786
4/15/2016 1:45:00 PM 260100.000 13.060 17.670 29.767
8722.348 10142.385 5.774 6896.822 114.648
1.003 14.786
4/15/2016 1:50:00 PM 260400.000 13.059 17.669 29.766
8719.992 10139.684 5.773 6894.985 114.679
1.003 14.786
4/15/2016 1:55:00 PM 260700.000 13.064 17.670 29.777
8722.387 10142.393 5.774 6896.828 114.648
1.003 14.785
4/15/2016 2:00:00 PM 261000.000 13.064 17.670 29.778
8722.643 10142.689 5.775 6897.029 114.644
1.003 14.785
4/15/2016 2:05:00 PM 261300.000 13.060 17.670 29.769
8721.652 10141.556 5.774 6896.258 114.657
1.003 14.783
4/15/2016 2:10:00 PM 261600.000 13.066 17.670 29.782
8720.213 10139.902 5.773 6895.134 114.676
1.003 14.781
4/15/2016 2:15:00 PM 261900.000 13.063 17.669 29.775
8721.544 10141.510 5.774 6896.227 114.659
1.003 14.778
4/15/2016 2:20:00 PM 262200.000 13.067 17.669 29.785
8724.361 10144.885 5.776 6898.522 114.622
1.003 14.779
4/15/2016 2:25:00 PM 262500.000 13.066 17.669 29.782
8725.881 10146.553 5.777 6899.656 114.602
1.003 14.780

4/15/2016 2:30:00 PM	262800.000	13.064	17.670	29.776
8724.970	10145.336	5.776	6898.829	114.614
1.003	14.781			
4/15/2016 2:35:00 PM	263100.000	13.059	17.669	29.766
8722.547	10142.676	5.775	6897.020	114.645
1.003	14.779			
4/15/2016 2:40:00 PM	263400.000	13.060	17.670	29.767
8723.443	10143.639	5.775	6897.675	114.634
1.003	14.778			
4/15/2016 2:45:00 PM	263700.000	13.061	17.669	29.770
8723.251	10143.495	5.775	6897.577	114.636
1.003	14.777			
4/15/2016 2:50:00 PM	264000.000	13.062	17.670	29.772
8724.548	10144.905	5.776	6898.536	114.619
1.003	14.775			
4/15/2016 2:55:00 PM	264300.000	13.069	17.670	29.789
8726.909	10147.709	5.778	6900.442	114.588
1.003	14.774			
4/15/2016 3:00:00 PM	264600.000	13.065	17.669	29.780
8728.778	10149.900	5.779	6901.932	114.564
1.003	14.772			
4/15/2016 3:05:00 PM	264900.000	13.062	17.670	29.773
8726.404	10147.122	5.777	6900.043	114.595
1.003	14.775			
4/15/2016 3:10:00 PM	265200.000	13.058	17.668	29.764
8729.576	10151.046	5.780	6902.712	114.553
1.003	14.778			
4/15/2016 3:15:00 PM	265500.000	13.059	17.669	29.765
8728.420	10149.506	5.779	6901.664	114.568
1.003	14.781			
4/15/2016 3:20:00 PM	265800.000	13.056	17.670	29.758
8728.702	10149.655	5.779	6901.766	114.565
1.003	14.779			
4/15/2016 3:25:00 PM	266100.000	13.058	17.669	29.762
8727.212	10148.240	5.778	6900.804	114.584
1.003	14.777			
4/15/2016 3:30:00 PM	266400.000	13.058	17.670	29.763
8727.899	10148.803	5.778	6901.187	114.575
1.003	14.774			
4/15/2016 3:35:00 PM	266700.000	13.058	17.669	29.764
8727.720	10148.771	5.778	6901.165	114.577
1.003	14.773			
4/15/2016 3:40:00 PM	267000.000	13.060	17.669	29.768
8729.058	10150.247	5.779	6902.168	114.560
1.003	14.771			
4/15/2016 3:45:00 PM	267300.000	13.065	17.670	29.780
8730.918	10152.313	5.780	6903.573	114.535
1.003	14.769			
4/15/2016 3:50:00 PM	267600.000	13.065	17.670	29.779
8729.192	10150.267	5.779	6902.182	114.558
1.003	14.769			
4/15/2016 3:55:00 PM	267900.000	13.060	17.669	29.768
8728.771	10149.913	5.779	6901.941	114.564
1.003	14.768			
4/15/2016 4:00:00 PM	268200.000	13.061	17.670	29.771
8730.121	10151.363	5.780	6902.927	114.546
1.003	14.767			

4/15/2016 4:05:00 PM	268500.000	13.060	17.669	29.768
8728.730	10149.866	5.779	6901.909	114.564
1.003	14.767			
4/15/2016 4:10:00 PM	268800.000	13.058	17.670	29.764
8731.102	10152.563	5.781	6903.743	114.533
1.003	14.766			
4/15/2016 4:15:00 PM	269100.000	13.062	17.670	29.772
8727.938	10148.865	5.778	6901.229	114.575
1.003	14.766			
4/15/2016 4:20:00 PM	269400.000	13.060	17.670	29.768
8728.655	10149.720	5.779	6901.810	114.565
1.003	14.764			
4/15/2016 4:25:00 PM	269700.000	13.061	17.670	29.771
8729.962	10151.120	5.780	6902.762	114.548
1.003	14.761			
4/15/2016 4:30:00 PM	270000.000	13.068	17.669	29.787
8731.078	10152.735	5.781	6903.860	114.533
1.003	14.759			
4/15/2016 4:35:00 PM	270300.000	13.066	17.669	29.780
8731.785	10153.478	5.781	6904.365	114.524
1.003	14.758			
4/15/2016 4:40:00 PM	270600.000	13.065	17.669	29.779
8727.487	10148.421	5.778	6900.927	114.581
1.003	14.757			
4/15/2016 4:45:00 PM	270900.000	13.066	17.670	29.781
8725.756	10146.310	5.777	6899.491	114.603
1.003	14.756			
4/15/2016 4:50:00 PM	271200.000	13.069	17.670	29.787
8726.572	10147.259	5.777	6900.136	114.593
1.003	14.757			
4/15/2016 4:55:00 PM	271500.000	13.066	17.669	29.781
8725.705	10146.387	5.777	6899.543	114.604
1.003	14.757			
4/15/2016 5:00:00 PM	271800.000	13.066	17.670	29.782
8725.199	10145.700	5.776	6899.077	114.611
1.003	14.757			
4/15/2016 5:05:00 PM	272100.000	13.069	17.669	29.789
8726.970	10147.838	5.778	6900.530	114.587
1.003	14.756			
4/15/2016 5:10:00 PM	272400.000	13.066	17.670	29.782
8727.862	10148.720	5.778	6901.130	114.576
1.003	14.755			
4/15/2016 5:15:00 PM	272700.000	13.071	17.669	29.794
8726.882	10147.695	5.778	6900.434	114.588
1.003	14.754			
4/15/2016 5:20:00 PM	273000.000	13.069	17.670	29.789
8725.676	10146.217	5.777	6899.428	114.604
1.003	14.755			
4/15/2016 5:25:00 PM	273300.000	13.064	17.670	29.777
8727.457	10148.326	5.778	6900.862	114.581
1.003	14.757			
4/15/2016 5:30:00 PM	273600.000	13.061	17.670	29.771
8727.568	10148.357	5.778	6900.884	114.579
1.003	14.758			
4/15/2016 5:35:00 PM	273900.000	13.061	17.669	29.769
8728.670	10149.796	5.779	6901.862	114.565
1.003	14.756			

4/15/2016 5:40:00 PM 274200.000 13.065 17.670 29.780
8728.930 10150.018 5.779 6902.012 114.562
1.003 14.755
4/15/2016 5:45:00 PM 274500.000 13.063 17.670 29.775
8728.411 10149.397 5.779 6901.591 114.568
1.003 14.754
4/15/2016 5:50:00 PM 274800.000 13.068 17.670 29.786
8727.938 10148.886 5.778 6901.243 114.575
1.003 14.754
4/15/2016 5:55:00 PM 275100.000 13.067 17.670 29.783
8732.481 10154.188 5.782 6904.849 114.515
1.003 14.754
4/15/2016 6:00:00 PM 275400.000 13.064 17.669 29.776
8733.102 10154.949 5.782 6905.366 114.507
1.003 14.754
4/15/2016 6:05:00 PM 275700.000 13.061 17.669 29.770
8731.594 10153.174 5.781 6904.159 114.527
1.003 14.755
4/15/2016 6:10:00 PM 276000.000 13.065 17.670 29.779
8733.283 10155.101 5.782 6905.468 114.504
1.003 14.756
4/15/2016 6:15:00 PM 276300.000 13.059 17.670 29.766
8734.163 10156.063 5.783 6906.123 114.493
1.003 14.757
4/15/2016 6:20:00 PM 276600.000 13.058 17.670 29.763
8734.211 10156.180 5.783 6906.202 114.492
1.003 14.758
4/15/2016 6:25:00 PM 276900.000 13.062 17.669 29.772
8733.475 10155.402 5.782 6905.674 114.502
1.003 14.758
4/15/2016 6:30:00 PM 277200.000 13.056 17.670 29.758
8733.881 10155.718 5.783 6905.889 114.497
1.003 14.758
4/15/2016 6:35:00 PM 277500.000 13.062 17.669 29.773
8733.917 10155.957 5.783 6906.051 114.496
1.003 14.757
4/15/2016 6:40:00 PM 277800.000 13.057 17.670 29.760
8733.806 10155.708 5.783 6905.882 114.498
1.003 14.757
4/15/2016 6:45:00 PM 278100.000 13.057 17.670 29.761
8736.118 10158.319 5.784 6907.658 114.467
1.003 14.756
4/15/2016 6:50:00 PM 278400.000 13.057 17.670 29.761
8737.520 10160.047 5.785 6908.833 114.449
1.003 14.755
4/15/2016 6:55:00 PM 278700.000 13.059 17.670 29.765
8735.887 10157.992 5.784 6907.435 114.470
1.003 14.754
4/15/2016 7:00:00 PM 279000.000 13.060 17.670 29.768
8736.637 10159.000 5.785 6908.121 114.461
1.003 14.753
4/15/2016 7:05:00 PM 279300.000 13.064 17.670 29.777
8734.902 10156.963 5.783 6906.735 114.483
1.003 14.753
4/15/2016 7:10:00 PM 279600.000 13.060 17.670 29.768
8736.180 10158.392 5.784 6907.707 114.467
1.003 14.753

4/15/2016 7:15:00 PM	279900.000	13.061	17.670	29.770
8736.244	10158.564	5.784	6907.824	114.466
1.003	14.753			
4/15/2016 7:20:00 PM	280200.000	13.061	17.669	29.770
8734.808	10156.911	5.783	6906.700	114.484
1.003	14.752			
4/15/2016 7:25:00 PM	280500.000	13.062	17.669	29.771
8738.443	10161.161	5.786	6909.590	114.437
1.003	14.751			
4/15/2016 7:30:00 PM	280800.000	13.065	17.670	29.780
8737.186	10159.659	5.785	6908.569	114.453
1.003	14.750			
4/15/2016 7:35:00 PM	281100.000	13.062	17.670	29.773
8735.902	10158.108	5.784	6907.514	114.470
1.003	14.753			
4/15/2016 7:40:00 PM	281400.000	13.060	17.669	29.767
8739.706	10162.607	5.787	6910.573	114.420
1.003	14.757			
4/15/2016 7:45:00 PM	281700.000	13.061	17.669	29.769
8737.130	10159.652	5.785	6908.563	114.454
1.003	14.760			
4/15/2016 7:50:00 PM	282000.000	13.054	17.669	29.755
8737.966	10160.605	5.786	6909.212	114.443
1.003	14.761			
4/15/2016 7:55:00 PM	282300.000	13.054	17.670	29.754
8737.254	10159.620	5.785	6908.542	114.452
1.003	14.762			
4/15/2016 8:00:00 PM	282600.000	13.053	17.670	29.753
8738.403	10161.055	5.786	6909.517	114.437
1.003	14.763			
4/15/2016 8:05:00 PM	282900.000	13.060	17.670	29.769
8743.757	10167.259	5.790	6913.736	114.367
1.003	14.764			
4/15/2016 8:10:00 PM	283200.000	13.058	17.670	29.763
8742.210	10165.442	5.788	6912.501	114.388
1.003	14.765			
4/15/2016 8:15:00 PM	283500.000	13.056	17.670	29.758
8740.581	10163.549	5.787	6911.214	114.409
1.003	14.765			
4/15/2016 8:20:00 PM	283800.000	13.059	17.670	29.765
8740.246	10163.120	5.787	6910.922	114.413
1.003	14.768			
4/15/2016 8:25:00 PM	284100.000	13.054	17.670	29.753
8740.365	10163.275	5.787	6911.028	114.412
1.003	14.770			
4/15/2016 8:30:00 PM	284400.000	13.052	17.670	29.749
8739.377	10162.126	5.786	6910.246	114.425
1.003	14.772			
4/15/2016 8:35:00 PM	284700.000	13.050	17.670	29.745
8743.299	10166.709	5.789	6913.362	114.373
1.003	14.771			
4/15/2016 8:40:00 PM	285000.000	13.059	17.670	29.766
8740.256	10163.188	5.787	6910.969	114.413
1.003	14.770			
4/15/2016 8:45:00 PM	285300.000	13.062	17.670	29.772
8739.219	10161.982	5.786	6910.148	114.427
1.003	14.769			

4/15/2016 8:50:00 PM 285600.000 13.057 17.670 29.760
8740.338 10163.227 5.787 6910.995 114.412
1.003 14.770
4/15/2016 8:55:00 PM 285900.000 13.057 17.670 29.761
8739.933 10162.696 5.787 6910.634 114.417
1.003 14.771
4/15/2016 9:00:00 PM 286200.000 13.057 17.669 29.761
8740.179 10163.179 5.787 6910.961 114.414
1.003 14.771
4/15/2016 9:05:00 PM 286500.000 13.060 17.669 29.768
8743.354 10166.849 5.789 6913.458 114.373
1.003 14.774
4/15/2016 9:10:00 PM 286800.000 13.055 17.670 29.757
8744.646 10168.313 5.790 6914.454 114.356
1.003 14.777
4/15/2016 9:15:00 PM 287100.000 13.053 17.670 29.753
8741.137 10164.212 5.788 6911.665 114.402
1.003 14.779
4/15/2016 9:20:00 PM 287400.000 13.052 17.669 29.749
8745.113 10168.936 5.791 6914.877 114.350
1.003 14.779
4/15/2016 9:25:00 PM 287700.000 13.055 17.670 29.756
8744.327 10167.963 5.790 6914.215 114.360
1.003 14.778
4/15/2016 9:30:00 PM 288000.000 13.054 17.670 29.755
8745.428 10169.027 5.791 6914.939 114.345
1.003 14.777
4/15/2016 9:35:00 PM 288300.000 13.055 17.670 29.757
8747.308 10171.408 5.792 6916.558 114.321
1.003 14.780
4/15/2016 9:40:00 PM 288600.000 13.054 17.670 29.755
8748.308 10172.435 5.793 6917.256 114.308
1.003 14.782
4/15/2016 9:45:00 PM 288900.000 13.049 17.669 29.743
8746.832 10170.894 5.792 6916.208 114.327
1.003 14.785
4/15/2016 9:50:00 PM 289200.000 13.047 17.669 29.739
8751.443 10176.296 5.795 6919.882 114.267
1.003 14.785
4/15/2016 9:55:00 PM 289500.000 13.048 17.669 29.741
8751.997 10177.061 5.796 6920.401 114.260
1.003 14.785
4/15/2016 10:00:00 PM 289800.000 13.054 17.670 29.754
8753.833 10179.017 5.797 6921.732 114.236
1.003 14.785
4/15/2016 10:05:00 PM 290100.000 13.056 17.670 29.760
8755.342 10180.673 5.798 6922.858 114.216
1.003 14.783
4/15/2016 10:10:00 PM 290400.000 13.054 17.670 29.754
8753.868 10178.977 5.797 6921.704 114.235
1.003 14.781
4/15/2016 10:15:00 PM 290700.000 13.056 17.670 29.759
8756.629 10182.149 5.799 6923.862 114.199
1.003 14.779
4/15/2016 10:20:00 PM 291000.000 13.056 17.670 29.758
8757.303 10182.992 5.799 6924.435 114.190
1.003 14.778

4/15/2016 10:25:00 PM	291300.000	13.057	17.669	29.760	
8756.979	10182.793	5.799	6924.300	114.195	
1.003	14.778				
4/15/2016 10:30:00 PM	291600.000	13.055	17.670	29.757	
8758.658	10184.509	5.800	6925.466	114.173	
1.003	14.778				
4/15/2016 10:35:00 PM	291900.000	13.054	17.669	29.753	
8757.749	10183.609	5.800	6924.855	114.185	
1.003	14.780				
4/15/2016 10:40:00 PM	292200.000	13.054	17.670	29.753	
8760.200	10186.264	5.801	6926.660	114.153	
1.003	14.781				
4/15/2016 10:45:00 PM	292500.000	13.051	17.670	29.748	
8761.979	10188.488	5.803	6928.172	114.129	
1.003	14.782				
4/15/2016 10:50:00 PM	292800.000	13.051	17.669	29.747	
8762.222	10188.870	5.803	6928.432	114.126	
1.003	14.781				
4/15/2016 10:55:00 PM	293100.000	13.053	17.670	29.751	
8761.321	10187.665	5.802	6927.613	114.138	
1.003	14.780				
4/15/2016 11:00:00 PM	293400.000	13.055	17.670	29.756	
8764.617	10191.438	5.804	6930.178	114.095	
1.003	14.779				
4/15/2016 11:05:00 PM	293700.000	13.053	17.670	29.751	
8764.117	10190.975	5.804	6929.863	114.102	
1.003	14.779				
4/15/2016 11:10:00 PM	294000.000	13.058	17.670	29.763	
8765.406	10192.355	5.805	6930.802	114.085	
1.003	14.779				
4/15/2016 11:15:00 PM	294300.000	13.052	17.670	29.749	
8763.161	10189.843	5.803	6929.093	114.114	
1.003	14.780				
4/15/2016 11:20:00 PM	294600.000	13.053	17.670	29.752	
8766.862	10194.167	5.806	6932.034	114.066	
1.003	14.779				
4/15/2016 11:25:00 PM	294900.000	13.055	17.670	29.755	
8765.442	10192.495	5.805	6930.897	114.084	
1.003	14.777				
4/15/2016 11:30:00 PM	295200.000	13.055	17.669	29.756	
8767.722	10195.184	5.807	6932.726	114.055	
1.003	14.776				
4/15/2016 11:35:00 PM	295500.000	13.055	17.670	29.756	
8767.571	10194.910	5.807	6932.540	114.057	
1.003	14.777				
4/15/2016 11:40:00 PM	295800.000	13.057	17.670	29.761	
8767.774	10195.228	5.807	6932.755	114.054	
1.003	14.777				
4/15/2016 11:45:00 PM	296100.000	13.059	17.670	29.766	
8767.369	10194.716	5.806	6932.407	114.059	
1.003	14.778				
4/15/2016 11:50:00 PM	296400.000	13.060	17.670	29.768	
8774.548	10203.022	5.812	6938.056	113.966	
1.003	14.777				
4/15/2016 11:55:00 PM	296700.000	13.054	17.670	29.754	
8791.186	10222.450	5.823	6951.266	113.750	
1.003	14.776				

4/16/2016 12:00:00 AM 297000.000 13.062 17.669 29.773
8818.277 10253.971 5.843 6972.701 113.401
1.003 14.776
4/16/2016 12:05:00 AM 297300.000 13.057 17.670 29.760
8837.354 10276.136 5.856 6987.773 113.156
1.003 14.776
4/16/2016 12:10:00 AM 297600.000 13.057 17.669 29.761
8856.017 10297.854 5.870 7002.542 112.918
1.003 14.776
4/16/2016 12:15:00 AM 297900.000 13.060 17.670 29.769
8874.703 10319.523 5.883 7017.276 112.680
1.003 14.777
4/16/2016 12:20:00 AM 298200.000 13.060 17.670 29.769
8889.433 10336.491 5.893 7028.814 112.493
1.003 14.777
4/16/2016 12:25:00 AM 298500.000 13.054 17.670 29.753
8905.666 10355.367 5.905 7041.650 112.288
1.003 14.778
4/16/2016 12:30:00 AM 298800.000 13.054 17.670 29.755
8920.763 10373.063 5.916 7053.683 112.098
1.003 14.778
4/16/2016 12:35:00 AM 299100.000 13.057 17.670 29.761
8930.278 10383.986 5.922 7061.111 111.979
1.003 14.777
4/16/2016 12:40:00 AM 299400.000 13.056 17.670 29.760
8942.694 10398.626 5.931 7071.066 111.823
1.003 14.776
4/16/2016 12:45:00 AM 299700.000 13.058 17.669 29.764
8952.379 10409.905 5.938 7078.736 111.702
1.003 14.775
4/16/2016 12:50:00 AM 300000.000 13.059 17.670 29.765
8962.081 10421.127 5.945 7086.367 111.581
1.003 14.774
4/16/2016 12:55:00 AM 300300.000 13.060 17.670 29.767
8972.761 10433.566 5.953 7094.826 111.448
1.003 14.774
4/16/2016 1:00:00 AM 300600.000 13.064 17.670 29.778
8980.321 10442.218 5.958 7100.708 111.355
1.003 14.773
4/16/2016 1:05:00 AM 300900.000 13.057 17.670 29.762
8989.749 10453.198 5.965 7108.175 111.238
1.003 14.776
4/16/2016 1:10:00 AM 301200.000 13.058 17.669 29.764
8997.324 10462.210 5.970 7114.303 111.144
1.003 14.779
4/16/2016 1:15:00 AM 301500.000 13.051 17.670 29.748
9002.792 10468.508 5.974 7118.585 111.077
1.003 14.782
4/16/2016 1:20:00 AM 301800.000 13.058 17.670 29.763
9014.109 10481.607 5.982 7127.493 110.937
1.003 14.780
4/16/2016 1:25:00 AM 302100.000 13.056 17.670 29.759
9018.637 10486.771 5.985 7131.004 110.882
1.003 14.779
4/16/2016 1:30:00 AM 302400.000 13.057 17.669 29.762
9025.945 10495.511 5.991 7136.948 110.792
1.003 14.778

4/16/2016 1:35:00 AM	302700.000	13.055	17.670	29.756
9030.889	10500.995	5.994	7140.677	110.731
1.003	14.779			
4/16/2016 1:40:00 AM	303000.000	13.054	17.670	29.755
9037.482	10508.846	5.999	7146.016	110.650
1.003	14.780			
4/16/2016 1:45:00 AM	303300.000	13.057	17.669	29.762
9043.077	10515.432	6.003	7150.494	110.582
1.003	14.781			
4/16/2016 1:50:00 AM	303600.000	13.061	17.670	29.770
9046.541	10519.195	6.005	7153.053	110.539
1.003	14.779			
4/16/2016 1:55:00 AM	303900.000	13.058	17.670	29.763
9055.658	10529.980	6.012	7160.387	110.428
1.003	14.777			
4/16/2016 2:00:00 AM	304200.000	13.059	17.669	29.766
9056.276	10530.740	6.012	7160.903	110.421
1.003	14.775			
4/16/2016 2:05:00 AM	304500.000	13.060	17.669	29.768
9061.793	10537.217	6.016	7165.308	110.353
1.003	14.774			
4/16/2016 2:10:00 AM	304800.000	13.060	17.670	29.768
9066.192	10542.107	6.019	7168.633	110.300
1.003	14.773			
4/16/2016 2:15:00 AM	305100.000	13.060	17.669	29.768
9069.939	10546.605	6.022	7171.692	110.254
1.003	14.773			
4/16/2016 2:20:00 AM	305400.000	13.058	17.670	29.762
9074.576	10551.834	6.025	7175.247	110.198
1.003	14.774			
4/16/2016 2:25:00 AM	305700.000	13.058	17.671	29.764
9078.480	10556.254	6.028	7178.253	110.151
1.003	14.774			
4/16/2016 2:30:00 AM	306000.000	13.061	17.670	29.769
9079.057	10557.188	6.029	7178.888	110.144
1.003	14.775			
4/16/2016 2:35:00 AM	306300.000	13.062	17.670	29.772
9084.637	10563.555	6.033	7183.217	110.076
1.003	14.774			
4/16/2016 2:40:00 AM	306600.000	13.058	17.670	29.763
9087.903	10567.434	6.035	7185.855	110.036
1.003	14.773			
4/16/2016 2:45:00 AM	306900.000	13.059	17.670	29.766
9089.291	10568.884	6.036	7186.841	110.020
1.003	14.772			
4/16/2016 2:50:00 AM	307200.000	13.061	17.670	29.769
9094.222	10574.780	6.039	7190.851	109.960
1.003	14.770			
4/16/2016 2:55:00 AM	307500.000	13.065	17.669	29.779
9096.805	10577.950	6.041	7193.006	109.929
1.003	14.767			
4/16/2016 3:00:00 AM	307800.000	13.071	17.669	29.794
9101.355	10583.179	6.045	7196.562	109.874
1.003	14.764			
4/16/2016 3:05:00 AM	308100.000	13.072	17.670	29.795
9103.316	10585.174	6.046	7197.919	109.850
1.003	14.764			

4/16/2016 3:10:00 AM	308400.000	13.066	17.670	29.781	
9103.454	10585.537	6.046	7198.166	109.848	
1.003	14.765				
4/16/2016 3:15:00 AM	308700.000	13.071	17.670	29.792	
9105.171	10587.330	6.047	7199.385	109.828	
1.003	14.765				
4/16/2016 3:20:00 AM	309000.000	13.067	17.670	29.783	
9108.624	10591.346	6.050	7202.116	109.786	
1.003	14.764				
4/16/2016 3:25:00 AM	309300.000	13.067	17.670	29.784	
9112.598	10596.130	6.053	7205.369	109.738	
1.003	14.763				
4/16/2016 3:30:00 AM	309600.000	13.069	17.670	29.788	
9108.675	10591.466	6.050	7202.197	109.785	
1.003	14.762				
4/16/2016 3:35:00 AM	309900.000	13.068	17.669	29.787	
9116.561	10600.879	6.056	7208.598	109.690	
1.003	14.762				
4/16/2016 3:40:00 AM	310200.000	13.073	17.669	29.797	
9115.662	10599.772	6.055	7207.846	109.701	
1.003	14.762				
4/16/2016 3:45:00 AM	310500.000	13.069	17.670	29.789	
9118.488	10602.877	6.057	7209.957	109.667	
1.003	14.761				
4/16/2016 3:50:00 AM	310800.000	13.071	17.671	29.792	
9119.647	10603.998	6.057	7210.719	109.653	
1.003	14.759				
4/16/2016 3:55:00 AM	311100.000	13.073	17.670	29.798	
9120.311	10605.074	6.058	7211.451	109.645	
1.003	14.757				
4/16/2016 4:00:00 AM	311400.000	13.075	17.670	29.801	
9122.131	10607.174	6.059	7212.879	109.624	
1.003	14.755				
4/16/2016 4:05:00 AM	311700.000	13.075	17.669	29.803	
9123.231	10608.699	6.060	7213.916	109.610	
1.003	14.757				
4/16/2016 4:10:00 AM	312000.000	13.072	17.669	29.795	
9126.507	10612.425	6.063	7216.449	109.571	
1.003	14.758				
4/16/2016 4:15:00 AM	312300.000	13.070	17.669	29.791	
9125.249	10610.963	6.062	7215.456	109.586	
1.003	14.760				
4/16/2016 4:20:00 AM	312600.000	13.075	17.671	29.803	
9126.729	10612.334	6.063	7216.388	109.568	
1.003	14.761				
4/16/2016 4:25:00 AM	312900.000	13.075	17.670	29.801	
9127.014	10612.852	6.063	7216.740	109.565	
1.003	14.761				
4/16/2016 4:30:00 AM	313200.000	13.071	17.670	29.794	
9128.105	10614.162	6.064	7217.631	109.552	
1.003	14.762				
4/16/2016 4:35:00 AM	313500.000	13.076	17.670	29.804	
9129.046	10615.092	6.064	7218.263	109.540	
1.003	14.763				
4/16/2016 4:40:00 AM	313800.000	13.070	17.670	29.790	
9128.957	10615.050	6.064	7218.234	109.542	
1.003	14.763				

4/16/2016 4:45:00 AM	314100.000	13.073	17.671	29.798	
9128.668	10614.590	6.064	7217.922	109.545	
1.003	14.764				
4/16/2016 4:50:00 AM	314400.000	13.067	17.670	29.784	
9131.277	10617.788	6.066	7220.097	109.514	
1.003	14.765				
4/16/2016 4:55:00 AM	314700.000	13.067	17.670	29.783	
9129.466	10615.702	6.065	7218.678	109.535	
1.003	14.766				
4/16/2016 5:00:00 AM	315000.000	13.071	17.669	29.792	
9127.830	10613.921	6.064	7217.467	109.555	
1.003	14.768				
4/16/2016 5:05:00 AM	315300.000	13.066	17.670	29.781	
9129.235	10615.537	6.065	7218.566	109.538	
1.003	14.767				
4/16/2016 5:10:00 AM	315600.000	13.072	17.670	29.796	
9130.815	10617.149	6.066	7219.662	109.519	
1.003	14.766				
4/16/2016 5:15:00 AM	315900.000	13.070	17.671	29.790	
9132.284	10618.815	6.067	7220.795	109.502	
1.003	14.764				
4/16/2016 5:20:00 AM	316200.000	13.074	17.671	29.799	
9131.562	10617.914	6.066	7220.182	109.510	
1.003	14.764				
4/16/2016 5:25:00 AM	316500.000	13.072	17.670	29.795	
9131.575	10618.215	6.066	7220.387	109.510	
1.003	14.764				
4/16/2016 5:30:00 AM	316800.000	13.073	17.670	29.797	
9132.019	10618.773	6.067	7220.767	109.505	
1.003	14.764				
4/16/2016 5:35:00 AM	317100.000	13.071	17.669	29.792	
9133.059	10620.001	6.067	7221.601	109.492	
1.003	14.765				
4/16/2016 5:40:00 AM	317400.000	13.071	17.670	29.792	
9129.059	10615.271	6.064	7218.384	109.540	
1.003	14.766				
4/16/2016 5:45:00 AM	317700.000	13.069	17.669	29.789	
9129.145	10615.534	6.065	7218.564	109.539	
1.003	14.767				
4/16/2016 5:50:00 AM	318000.000	13.072	17.670	29.794	
9132.465	10619.189	6.067	7221.049	109.499	
1.003	14.766				
4/16/2016 5:55:00 AM	318300.000	13.074	17.670	29.800	
9131.566	10618.227	6.066	7220.395	109.510	
1.003	14.765				
4/16/2016 6:00:00 AM	318600.000	13.081	17.670	29.815	
9130.422	10616.691	6.065	7219.350	109.524	
1.003	14.763				
4/16/2016 6:05:00 AM	318900.000	13.074	17.670	29.800	
9130.889	10617.313	6.066	7219.774	109.518	
1.003	14.765				
4/16/2016 6:10:00 AM	319200.000	13.074	17.670	29.799	
9131.177	10617.733	6.066	7220.059	109.515	
1.003	14.767				
4/16/2016 6:15:00 AM	319500.000	13.077	17.671	29.806	
9129.936	10616.085	6.065	7218.938	109.530	
1.003	14.769				

4/16/2016 6:20:00 AM	319800.000	13.073	17.670	29.797
9128.118	10614.114	6.064	7217.598	109.552
1.003	14.769			
4/16/2016 6:25:00 AM	320100.000	13.079	17.671	29.812
9129.515	10615.553	6.065	7218.577	109.535
1.003	14.768			
4/16/2016 6:30:00 AM	320400.000	13.075	17.670	29.802
9132.050	10618.646	6.066	7220.680	109.504
1.003	14.768			
4/16/2016 6:35:00 AM	320700.000	13.076	17.669	29.803
9130.285	10616.860	6.065	7219.466	109.526
1.003	14.766			
4/16/2016 6:40:00 AM	321000.000	13.080	17.670	29.813
9128.458	10614.510	6.064	7217.867	109.548
1.003	14.764			
4/16/2016 6:45:00 AM	321300.000	13.083	17.670	29.820
9130.239	10616.683	6.065	7219.345	109.526
1.003	14.763			
4/16/2016 6:50:00 AM	321600.000	13.081	17.671	29.816
9129.812	10615.940	6.065	7218.840	109.531
1.003	14.764			
4/16/2016 6:55:00 AM	321900.000	13.086	17.670	29.827
9127.839	10613.688	6.063	7217.308	109.555
1.003	14.765			
4/16/2016 7:00:00 AM	322200.000	13.082	17.669	29.818
9129.613	10615.995	6.065	7218.877	109.534
1.003	14.766			
4/16/2016 7:05:00 AM	322500.000	13.086	17.671	29.826
9129.773	10615.896	6.065	7218.810	109.532
1.003	14.767			
4/16/2016 7:10:00 AM	322800.000	13.082	17.671	29.819
9127.030	10612.725	6.063	7216.653	109.565
1.003	14.767			
4/16/2016 7:15:00 AM	323100.000	13.082	17.670	29.819
9127.017	10612.872	6.063	7216.753	109.565
1.003	14.768			
4/16/2016 7:20:00 AM	323400.000	13.082	17.670	29.819
9125.573	10611.278	6.062	7215.669	109.582
1.003	14.772			
4/16/2016 7:25:00 AM	323700.000	13.082	17.671	29.817
9124.051	10609.138	6.061	7214.214	109.600
1.003	14.775			
4/16/2016 7:30:00 AM	324000.000	13.075	17.670	29.802
9127.022	10612.879	6.063	7216.758	109.565
1.003	14.779			
4/16/2016 7:35:00 AM	324300.000	13.077	17.671	29.807
9125.420	10610.834	6.062	7215.367	109.584
1.003	14.776			
4/16/2016 7:40:00 AM	324600.000	13.080	17.670	29.813
9122.880	10607.940	6.060	7213.400	109.615
1.003	14.774			
4/16/2016 7:45:00 AM	324900.000	13.083	17.669	29.821
9125.121	10610.877	6.062	7215.397	109.588
1.003	14.772			
4/16/2016 7:50:00 AM	325200.000	13.086	17.670	29.827
9121.684	10606.570	6.059	7212.468	109.629
1.003	14.772			

4/16/2016 7:55:00 AM	325500.000	13.083	17.670	29.820	
9122.444	10607.538	6.060	7213.126	109.620	
1.003	14.772				
4/16/2016 8:00:00 AM	325800.000	13.086	17.671	29.827	
9122.245	10607.143	6.059	7212.857	109.622	
1.003	14.772				
4/16/2016 8:05:00 AM	326100.000	13.088	17.670	29.831	
9119.915	10604.475	6.058	7211.043	109.650	
1.003	14.774				
4/16/2016 8:10:00 AM	326400.000	13.080	17.669	29.813	
9120.496	10605.456	6.058	7211.710	109.643	
1.003	14.775				
4/16/2016 8:15:00 AM	326700.000	13.085	17.671	29.826	
9120.042	10604.560	6.058	7211.101	109.649	
1.003	14.776				
4/16/2016 8:20:00 AM	327000.000	13.086	17.670	29.827	
9121.086	10606.039	6.059	7212.107	109.636	
1.003	14.777				
4/16/2016 8:25:00 AM	327300.000	13.085	17.670	29.824	
9119.716	10604.446	6.058	7211.024	109.653	
1.003	14.777				
4/16/2016 8:30:00 AM	327600.000	13.080	17.670	29.814	
9113.246	10596.860	6.053	7205.865	109.730	
1.003	14.777				
4/16/2016 8:35:00 AM	327900.000	13.084	17.669	29.823	
9101.872	10583.737	6.045	7196.942	109.868	
1.003	14.778				
4/16/2016 8:40:00 AM	328200.000	13.078	17.670	29.810	
9083.974	10562.864	6.032	7182.748	110.084	
1.003	14.780				
4/16/2016 8:45:00 AM	328500.000	13.078	17.671	29.809	
9062.562	10537.723	6.017	7165.652	110.344	
1.003	14.781				
4/16/2016 8:50:00 AM	328800.000	13.079	17.671	29.810	
9043.771	10515.894	6.003	7150.808	110.573	
1.003	14.780				
4/16/2016 8:55:00 AM	329100.000	13.078	17.670	29.808	
9029.003	10498.965	5.993	7139.296	110.754	
1.003	14.779				
4/16/2016 9:00:00 AM	329400.000	13.085	17.670	29.825	
9014.123	10481.684	5.982	7127.545	110.937	
1.003	14.777				
4/16/2016 9:05:00 AM	329700.000	13.080	17.670	29.814	
8997.896	10462.730	5.971	7114.657	111.137	
1.003	14.777				
4/16/2016 9:10:00 AM	330000.000	13.087	17.669	29.830	
8988.275	10451.729	5.964	7107.177	111.256	
1.003	14.776				
4/16/2016 9:15:00 AM	330300.000	13.083	17.671	29.820	
8975.122	10436.050	5.954	7096.515	111.419	
1.003	14.775				
4/16/2016 9:20:00 AM	330600.000	13.087	17.671	29.829	
8962.539	10421.458	5.945	7086.592	111.576	
1.003	14.771				
4/16/2016 9:25:00 AM	330900.000	13.090	17.669	29.836	
8951.938	10409.434	5.938	7078.416	111.708	
1.003	14.768				

4/16/2016 9:30:00 AM 331200.000 13.092 17.670 29.840
8945.616 10401.863 5.933 7073.268 111.787
1.003 14.765
4/16/2016 9:35:00 AM 331500.000 13.089 17.670 29.835
8934.197 10388.745 5.925 7064.347 111.929
1.003 14.767
4/16/2016 9:40:00 AM 331800.000 13.086 17.670 29.828
8928.086 10381.479 5.921 7059.407 112.006
1.003 14.770
4/16/2016 9:45:00 AM 332100.000 13.088 17.670 29.832
8915.940 10367.475 5.912 7049.883 112.159
1.003 14.772
4/16/2016 9:50:00 AM 332400.000 13.087 17.669 29.829
8911.616 10362.629 5.909 7046.588 112.213
1.003 14.774
4/16/2016 9:55:00 AM 332700.000 13.081 17.669 29.816
8905.221 10355.130 5.905 7041.489 112.294
1.003 14.775
4/16/2016 10:00:00 AM 333000.000 13.080 17.669 29.814
8899.154 10348.098 5.900 7036.707 112.370
1.003 14.777
4/16/2016 10:05:00 AM 333300.000 13.085 17.671 29.825
8889.689 10336.750 5.893 7028.991 112.490
1.003 14.777
4/16/2016 10:10:00 AM 333600.000 13.081 17.670 29.816
8882.511 10328.523 5.888 7023.396 112.581
1.003 14.777
4/16/2016 10:15:00 AM 333900.000 13.080 17.670 29.814
8876.154 10321.153 5.884 7018.384 112.661
1.003 14.776
4/16/2016 10:20:00 AM 334200.000 13.082 17.669 29.818
8870.828 10315.138 5.880 7014.294 112.729
1.003 14.776
4/16/2016 10:25:00 AM 334500.000 13.081 17.669 29.815
8863.791 10306.895 5.875 7008.689 112.819
1.003 14.776
4/16/2016 10:30:00 AM 334800.000 13.081 17.671 29.815
8860.554 10302.871 5.873 7005.953 112.860
1.003 14.775
4/16/2016 10:35:00 AM 335100.000 13.086 17.669 29.827
8853.597 10295.101 5.868 7000.669 112.948
1.003 14.775
4/16/2016 10:40:00 AM 335400.000 13.081 17.669 29.817
8846.640 10287.011 5.863 6995.168 113.037
1.003 14.776
4/16/2016 10:45:00 AM 335700.000 13.082 17.670 29.817
8840.246 10279.457 5.858 6990.031 113.119
1.003 14.776
4/16/2016 10:50:00 AM 336000.000 13.081 17.670 29.815
8833.492 10271.586 5.853 6984.679 113.206
1.003 14.776
4/16/2016 10:55:00 AM 336300.000 13.081 17.671 29.815
8832.544 10270.264 5.853 6983.779 113.218
1.003 14.776
4/16/2016 11:00:00 AM 336600.000 13.081 17.670 29.815
8822.766 10259.113 5.846 6976.198 113.343
1.003 14.776

4/16/2016 11:05:00 AM 336900.000 13.081 17.670 29.816
8820.230 10256.165 5.844 6974.192 113.376
1.003 14.776
4/16/2016 11:10:00 AM 337200.000 13.082 17.670 29.818
8813.404 10248.286 5.839 6968.835 113.464
1.003 14.776
4/16/2016 11:15:00 AM 337500.000 13.081 17.669 29.816
8809.011 10243.298 5.836 6965.443 113.520
1.003 14.776
4/16/2016 11:20:00 AM 337800.000 13.085 17.670 29.824
8803.424 10236.600 5.832 6960.888 113.592
1.003 14.775
4/16/2016 11:25:00 AM 338100.000 13.083 17.670 29.821
8799.246 10231.823 5.829 6957.640 113.646
1.003 14.774
4/16/2016 11:30:00 AM 338400.000 13.083 17.670 29.819
8793.494 10225.076 5.825 6953.052 113.720
1.003 14.773
4/16/2016 11:35:00 AM 338700.000 13.088 17.669 29.833
8790.042 10221.198 5.823 6950.415 113.765
1.003 14.773
4/16/2016 11:40:00 AM 339000.000 13.088 17.670 29.833
8787.118 10217.504 5.820 6947.903 113.803
1.003 14.773
4/16/2016 11:45:00 AM 339300.000 13.088 17.670 29.831
8782.226 10211.892 5.817 6944.086 113.866
1.003 14.773
4/16/2016 11:50:00 AM 339600.000 13.084 17.670 29.823
8780.684 10210.157 5.816 6942.907 113.886
1.003 14.772
4/16/2016 11:55:00 AM 339900.000 13.091 17.669 29.839
8774.994 10203.682 5.812 6938.504 113.960
1.003 14.770
4/16/2016 12:00:00 PM 340200.000 13.086 17.670 29.827
8770.245 10198.002 5.808 6934.642 114.022
1.003 14.768
4/16/2016 12:05:00 PM 340500.000 13.086 17.670 29.826
8768.762 10196.277 5.807 6933.469 114.041
1.003 14.770
4/16/2016 12:10:00 PM 340800.000 13.083 17.670 29.820
8767.306 10194.602 5.806 6932.330 114.060
1.003 14.771
4/16/2016 12:15:00 PM 341100.000 13.086 17.670 29.826
8761.317 10187.720 5.802 6927.650 114.138
1.003 14.773
4/16/2016 12:20:00 PM 341400.000 13.081 17.669 29.816
8757.772 10183.755 5.800 6924.954 114.184
1.003 14.772
4/16/2016 12:25:00 PM 341700.000 13.082 17.670 29.817
8753.966 10179.130 5.797 6921.809 114.234
1.003 14.772
4/16/2016 12:30:00 PM 342000.000 13.082 17.670 29.817
8750.290 10174.855 5.794 6918.902 114.282
1.003 14.771
4/16/2016 12:35:00 PM 342300.000 13.087 17.670 29.830
8749.682 10174.169 5.794 6918.436 114.290
1.003 14.770

4/16/2016 12:40:00 PM 342600.000 13.084 17.669 29.823
8749.333 10173.843 5.794 6918.214 114.294
1.003 14.770
4/16/2016 12:45:00 PM 342900.000 13.084 17.670 29.823
8746.080 10169.920 5.791 6915.546 114.337
1.003 14.769
4/16/2016 12:50:00 PM 343200.000 13.086 17.670 29.827
8738.094 10160.656 5.786 6909.247 114.441
1.003 14.768
4/16/2016 12:55:00 PM 343500.000 13.090 17.669 29.837
8738.453 10161.150 5.786 6909.583 114.437
1.003 14.767
4/16/2016 1:00:00 PM 343800.000 13.091 17.670 29.838
8738.762 10161.450 5.786 6909.786 114.433
1.003 14.766
4/16/2016 1:05:00 PM 344100.000 13.084 17.669 29.822
8735.593 10157.846 5.784 6907.335 114.474
1.003 14.767
4/16/2016 1:10:00 PM 344400.000 13.084 17.670 29.822
8734.089 10155.901 5.783 6906.014 114.494
1.003 14.768
4/16/2016 1:15:00 PM 344700.000 13.087 17.670 29.830
8729.979 10151.279 5.780 6902.871 114.548
1.003 14.769
4/16/2016 1:20:00 PM 345000.000 13.080 17.670 29.814
8728.734 10149.692 5.779 6901.792 114.564
1.003 14.769
4/16/2016 1:25:00 PM 345300.000 13.081 17.670 29.815
8727.253 10148.089 5.778 6900.701 114.584
1.003 14.769
4/16/2016 1:30:00 PM 345600.000 13.081 17.670 29.816
8724.847 10145.134 5.776 6898.691 114.615
1.003 14.769
4/16/2016 1:35:00 PM 345900.000 13.081 17.670 29.816
8720.867 10140.643 5.773 6895.638 114.667
1.003 14.770
4/16/2016 1:40:00 PM 346200.000 13.085 17.669 29.824
8718.492 10137.980 5.772 6893.827 114.699
1.003 14.771
4/16/2016 1:45:00 PM 346500.000 13.079 17.670 29.811
8717.895 10137.169 5.771 6893.275 114.707
1.003 14.772
4/16/2016 1:50:00 PM 346800.000 13.080 17.670 29.814
8717.826 10137.029 5.771 6893.180 114.707
1.003 14.771
4/16/2016 1:55:00 PM 347100.000 13.081 17.670 29.816
8717.786 10137.081 5.771 6893.216 114.708
1.003 14.771
4/16/2016 2:00:00 PM 347400.000 13.087 17.670 29.830
8713.149 10131.651 5.768 6889.523 114.769
1.003 14.770
4/16/2016 2:05:00 PM 347700.000 13.086 17.670 29.827
8712.398 10130.718 5.767 6888.888 114.779
1.003 14.771
4/16/2016 2:10:00 PM 348000.000 13.081 17.670 29.815
8710.009 10128.037 5.766 6887.066 114.810
1.003 14.772

4/16/2016 2:15:00 PM	348300.000	13.079	17.669	29.812
8708.724	10126.581	5.765	6886.076	114.827
1.003	14.773			
4/16/2016 2:20:00 PM	348600.000	13.082	17.670	29.819
8709.346	10127.169	5.765	6886.476	114.819
1.003	14.775			
4/16/2016 2:25:00 PM	348900.000	13.077	17.670	29.807
8708.453	10126.131	5.764	6885.770	114.831
1.003	14.776			
4/16/2016 2:30:00 PM	349200.000	13.077	17.670	29.807
8708.169	10125.877	5.764	6885.597	114.835
1.003	14.778			
4/16/2016 2:35:00 PM	349500.000	13.081	17.669	29.816
8711.394	10129.726	5.767	6888.214	114.792
1.003	14.774			
4/16/2016 2:40:00 PM	349800.000	13.085	17.670	29.824
8722.314	10142.366	5.774	6896.810	114.648
1.003	14.771			
4/16/2016 2:45:00 PM	350100.000	13.087	17.669	29.830
8742.443	10165.831	5.789	6912.766	114.384
1.003	14.767			
4/16/2016 2:50:00 PM	350400.000	13.091	17.670	29.839
8764.177	10190.946	5.804	6929.844	114.101
1.003	14.768			
4/16/2016 2:55:00 PM	350700.000	13.089	17.669	29.833
8785.906	10216.370	5.820	6947.132	113.819
1.003	14.770			
4/16/2016 3:00:00 PM	351000.000	13.083	17.669	29.820
8801.523	10234.489	5.831	6959.453	113.617
1.003	14.771			
4/16/2016 3:05:00 PM	351300.000	13.080	17.670	29.814
8817.853	10253.377	5.842	6972.297	113.406
1.003	14.774			
4/16/2016 3:10:00 PM	351600.000	13.078	17.669	29.809
8836.164	10274.811	5.855	6986.871	113.171
1.003	14.776			
4/16/2016 3:15:00 PM	351900.000	13.077	17.670	29.806
8847.985	10288.477	5.864	6996.165	113.020
1.003	14.778			
4/16/2016 3:20:00 PM	352200.000	13.084	17.670	29.823
8861.398	10304.073	5.873	7006.770	112.849
1.003	14.774			
4/16/2016 3:25:00 PM	352500.000	13.081	17.670	29.817
8872.423	10316.872	5.881	7015.473	112.709
1.003	14.771			
4/16/2016 3:30:00 PM	352800.000	13.085	17.670	29.825
8882.806	10328.945	5.889	7023.684	112.577
1.003	14.767			
4/16/2016 3:35:00 PM	353100.000	13.085	17.670	29.825
8892.962	10340.755	5.896	7031.713	112.448
1.003	14.766			
4/16/2016 3:40:00 PM	353400.000	13.085	17.669	29.824
8902.641	10352.151	5.903	7039.463	112.326
1.003	14.766			
4/16/2016 3:45:00 PM	353700.000	13.085	17.671	29.824
8913.145	10364.023	5.910	7047.536	112.194
1.003	14.765			

4/16/2016 3:50:00 PM	354000.000	13.085	17.670	29.824
8919.396	10371.434	5.915	7052.575	112.115
1.003	14.765			
4/16/2016 3:55:00 PM	354300.000	13.084	17.670	29.823
8926.849	10380.079	5.920	7058.455	112.022
1.003	14.766			
4/16/2016 4:00:00 PM	354600.000	13.084	17.670	29.823
8934.441	10388.887	5.925	7064.443	111.926
1.003	14.766			
4/16/2016 4:05:00 PM	354900.000	13.086	17.669	29.826
8940.383	10396.060	5.930	7069.321	111.852
1.003	14.764			
4/16/2016 4:10:00 PM	355200.000	13.087	17.670	29.829
8948.848	10405.578	5.936	7075.793	111.746
1.003	14.762			
4/16/2016 4:15:00 PM	355500.000	13.086	17.670	29.828
8952.121	10409.466	5.938	7078.438	111.705
1.003	14.761			
4/16/2016 4:20:00 PM	355800.000	13.085	17.670	29.824
8962.285	10421.186	5.945	7086.407	111.579
1.003	14.763			
4/16/2016 4:25:00 PM	356100.000	13.085	17.670	29.826
8965.378	10424.820	5.947	7088.878	111.540
1.003	14.766			
4/16/2016 4:30:00 PM	356400.000	13.079	17.669	29.811
8974.169	10435.326	5.954	7096.022	111.431
1.003	14.768			
4/16/2016 4:35:00 PM	356700.000	13.081	17.670	29.815
8975.600	10436.728	5.955	7096.975	111.413
1.003	14.765			
4/16/2016 4:40:00 PM	357000.000	13.085	17.669	29.824
8983.950	10446.639	5.961	7103.714	111.310
1.003	14.762			
4/16/2016 4:45:00 PM	357300.000	13.091	17.670	29.839
8990.240	10453.870	5.965	7108.632	111.232
1.003	14.759			
4/16/2016 4:50:00 PM	357600.000	13.087	17.670	29.830
8994.947	10459.325	5.969	7112.342	111.174
1.003	14.758			
4/16/2016 4:55:00 PM	357900.000	13.089	17.670	29.833
8997.815	10462.599	5.971	7114.568	111.138
1.003	14.758			
4/16/2016 5:00:00 PM	358200.000	13.094	17.670	29.846
9002.998	10468.586	5.974	7118.639	111.074
1.003	14.757			
4/16/2016 5:05:00 PM	358500.000	13.088	17.669	29.832
9005.406	10471.565	5.976	7120.665	111.044
1.003	14.758			
4/16/2016 5:10:00 PM	358800.000	13.087	17.670	29.829
9008.102	10474.460	5.978	7122.633	111.011
1.003	14.759			
4/16/2016 5:15:00 PM	359100.000	13.085	17.670	29.824
9015.820	10483.615	5.984	7128.858	110.916
1.003	14.760			
4/16/2016 5:20:00 PM	359400.000	13.086	17.670	29.827
9016.910	10484.882	5.984	7129.720	110.903
1.003	14.759			

4/16/2016 5:25:00 PM	359700.000	13.092	17.671	29.842
9020.385	10488.720	5.987	7132.330	110.860
1.003	14.759			
4/16/2016 5:30:00 PM	360000.000	13.091	17.670	29.839
9023.346	10492.348	5.989	7134.796	110.824
1.003	14.758			
4/16/2016 5:35:00 PM	360300.000	13.087	17.671	29.829
9026.657	10496.014	5.991	7137.290	110.783
1.003	14.759			
4/16/2016 5:40:00 PM	360600.000	13.090	17.669	29.836
9031.539	10501.953	5.995	7141.328	110.723
1.003	14.759			
4/16/2016 5:45:00 PM	360900.000	13.090	17.670	29.836
9033.442	10504.148	5.996	7142.821	110.700
1.003	14.760			
4/16/2016 5:50:00 PM	361200.000	13.085	17.670	29.824
9035.253	10506.254	5.997	7144.253	110.678
1.003	14.760			
4/16/2016 5:55:00 PM	361500.000	13.086	17.670	29.826
9037.071	10508.163	5.999	7145.551	110.655
1.003	14.760			
4/16/2016 6:00:00 PM	361800.000	13.090	17.670	29.836
9039.239	10510.828	6.000	7147.364	110.629
1.003	14.759			
4/16/2016 6:05:00 PM	362100.000	13.087	17.671	29.830
9043.563	10515.611	6.003	7150.616	110.576
1.003	14.758			
4/16/2016 6:10:00 PM	362400.000	13.092	17.670	29.840
9043.992	10516.416	6.004	7151.164	110.571
1.003	14.756			
4/16/2016 6:15:00 PM	362700.000	13.094	17.670	29.846
9050.112	10523.511	6.008	7155.988	110.496
1.003	14.755			
4/16/2016 6:20:00 PM	363000.000	13.091	17.670	29.838
9051.445	10524.877	6.009	7156.917	110.480
1.003	14.754			
4/16/2016 6:25:00 PM	363300.000	13.092	17.670	29.840
9051.432	10524.922	6.009	7156.947	110.480
1.003	14.753			
4/16/2016 6:30:00 PM	363600.000	13.093	17.671	29.844
9051.710	10525.126	6.009	7157.086	110.476
1.003	14.752			
4/16/2016 6:35:00 PM	363900.000	13.096	17.671	29.851
9054.078	10527.819	6.011	7158.917	110.447
1.003	14.754			
4/16/2016 6:40:00 PM	364200.000	13.090	17.670	29.837
9059.100	10533.838	6.014	7163.010	110.386
1.003	14.755			
4/16/2016 6:45:00 PM	364500.000	13.091	17.670	29.838
9059.604	10534.446	6.015	7163.423	110.380
1.003	14.757			
4/16/2016 6:50:00 PM	364800.000	13.090	17.670	29.835
9061.815	10537.018	6.016	7165.172	110.353
1.003	14.756			
4/16/2016 6:55:00 PM	365100.000	13.096	17.669	29.850
9061.737	10537.152	6.016	7165.264	110.354
1.003	14.755			

4/16/2016 7:00:00 PM	365400.000	13.096	17.670	29.851
9061.734	10537.004	6.016	7165.163	110.354
1.003	14.755			
4/16/2016 7:05:00 PM	365700.000	13.091	17.670	29.839
9063.752	10539.230	6.018	7166.677	110.330
1.003	14.757			
4/16/2016 7:10:00 PM	366000.000	13.089	17.669	29.834
9064.989	10540.850	6.019	7167.778	110.315
1.003	14.759			
4/16/2016 7:15:00 PM	366300.000	13.087	17.670	29.830
9066.677	10542.588	6.020	7168.960	110.294
1.003	14.760			
4/16/2016 7:20:00 PM	366600.000	13.090	17.671	29.837
9066.259	10541.939	6.019	7168.520	110.299
1.003	14.759			
4/16/2016 7:25:00 PM	366900.000	13.091	17.669	29.837
9067.904	10544.323	6.021	7170.140	110.279
1.003	14.757			
4/16/2016 7:30:00 PM	367200.000	13.099	17.670	29.856
9069.832	10546.420	6.022	7171.565	110.256
1.003	14.755			
4/16/2016 7:35:00 PM	367500.000	13.093	17.670	29.843
9070.236	10546.727	6.022	7171.774	110.251
1.003	14.755			
4/16/2016 7:40:00 PM	367800.000	13.095	17.670	29.848
9070.720	10547.474	6.023	7172.283	110.245
1.003	14.754			
4/16/2016 7:45:00 PM	368100.000	13.093	17.671	29.844
9070.409	10546.869	6.022	7171.872	110.249
1.003	14.754			
4/16/2016 7:50:00 PM	368400.000	13.094	17.670	29.845
9069.746	10546.239	6.022	7171.443	110.257
1.003	14.755			
4/16/2016 7:55:00 PM	368700.000	13.092	17.670	29.841
9070.909	10547.530	6.023	7172.321	110.243
1.003	14.757			
4/16/2016 8:00:00 PM	369000.000	13.090	17.669	29.837
9073.090	10550.331	6.024	7174.225	110.216
1.003	14.759			
4/16/2016 8:05:00 PM	369300.000	13.092	17.670	29.840
9073.924	10551.058	6.025	7174.720	110.206
1.003	14.758			
4/16/2016 8:10:00 PM	369600.000	13.093	17.670	29.844
9072.974	10549.892	6.024	7173.927	110.217
1.003	14.756			
4/16/2016 8:15:00 PM	369900.000	13.097	17.670	29.851
9072.781	10549.687	6.024	7173.788	110.220
1.003	14.755			
4/16/2016 8:20:00 PM	370200.000	13.095	17.670	29.847
9071.552	10548.277	6.023	7172.829	110.235
1.003	14.755			
4/16/2016 8:25:00 PM	370500.000	13.096	17.671	29.851
9072.784	10549.648	6.024	7173.761	110.220
1.003	14.755			
4/16/2016 8:30:00 PM	370800.000	13.095	17.670	29.848
9072.826	10549.944	6.024	7173.962	110.219
1.003	14.755			

4/16/2016 8:35:00 PM	371100.000	13.099	17.671	29.857
9073.500	10550.463	6.025	7174.315	110.211
1.003	14.754			
4/16/2016 8:40:00 PM	371400.000	13.097	17.670	29.852
9076.363	10553.955	6.027	7176.689	110.176
1.003	14.754			
4/16/2016 8:45:00 PM	371700.000	13.103	17.670	29.866
9074.311	10551.568	6.025	7175.067	110.201
1.003	14.754			
4/16/2016 8:50:00 PM	372000.000	13.099	17.670	29.856
9073.938	10551.092	6.025	7174.743	110.206
1.003	14.754			
4/16/2016 8:55:00 PM	372300.000	13.097	17.670	29.853
9075.545	10553.004	6.026	7176.043	110.186
1.003	14.755			
4/16/2016 9:00:00 PM	372600.000	13.096	17.670	29.851
9071.823	10548.594	6.023	7173.044	110.231
1.003	14.756			
4/16/2016 9:05:00 PM	372900.000	13.096	17.670	29.850
9075.551	10552.950	6.026	7176.007	110.186
1.003	14.758			
4/16/2016 9:10:00 PM	373200.000	13.097	17.670	29.852
9073.814	10550.971	6.025	7174.661	110.207
1.003	14.759			
4/16/2016 9:15:00 PM	373500.000	13.096	17.670	29.850
9076.294	10553.771	6.027	7176.564	110.177
1.003	14.760			
4/16/2016 9:20:00 PM	373800.000	13.096	17.670	29.849
9075.871	10553.322	6.026	7176.259	110.182
1.003	14.761			
4/16/2016 9:25:00 PM	374100.000	13.096	17.671	29.851
9074.495	10551.620	6.025	7175.102	110.199
1.003	14.762			
4/16/2016 9:30:00 PM	374400.000	13.095	17.671	29.847
9074.769	10551.938	6.025	7175.318	110.196
1.003	14.762			
4/16/2016 9:35:00 PM	374700.000	13.097	17.669	29.852
9076.550	10554.292	6.027	7176.919	110.174
1.003	14.761			
4/16/2016 9:40:00 PM	375000.000	13.099	17.669	29.856
9075.319	10552.967	6.026	7176.018	110.189
1.003	14.761			
4/16/2016 9:45:00 PM	375300.000	13.099	17.671	29.857
9075.288	10552.499	6.026	7175.700	110.189
1.003	14.760			
4/16/2016 9:50:00 PM	375600.000	13.098	17.670	29.854
9074.002	10551.210	6.025	7174.823	110.205
1.003	14.762			
4/16/2016 9:55:00 PM	375900.000	13.102	17.670	29.863
9072.988	10549.948	6.024	7173.965	110.217
1.003	14.764			
4/16/2016 10:00:00 PM	376200.000	13.096	17.671	29.849
9075.305	10552.540	6.026	7175.728	110.189
1.003	14.766			
4/16/2016 10:05:00 PM	376500.000	13.096	17.670	29.850
9074.658	10551.851	6.025	7175.259	110.197
1.003	14.766			

4/16/2016 10:10:00 PM	376800.000	13.095	17.671	29.847
9073.617	10550.617	6.025	7174.420	110.210
1.003	14.765			
4/16/2016 10:15:00 PM	377100.000	13.100	17.670	29.860
9074.258	10551.548	6.025	7175.053	110.202
1.003	14.765			
4/16/2016 10:20:00 PM	377400.000	13.097	17.670	29.853
9073.811	10550.966	6.025	7174.657	110.207
1.003	14.765			
4/16/2016 10:25:00 PM	377700.000	13.098	17.670	29.854
9072.318	10549.209	6.024	7173.463	110.225
1.003	14.764			
4/16/2016 10:30:00 PM	378000.000	13.096	17.670	29.849
9075.216	10552.561	6.026	7175.742	110.190
1.003	14.763			
4/16/2016 10:35:00 PM	378300.000	13.099	17.670	29.856
9076.205	10553.771	6.027	7176.564	110.178
1.003	14.762			
4/16/2016 10:40:00 PM	378600.000	13.100	17.671	29.860
9072.742	10549.582	6.024	7173.716	110.220
1.003	14.760			
4/16/2016 10:45:00 PM	378900.000	13.102	17.670	29.864
9075.268	10552.599	6.026	7175.768	110.190
1.003	14.759			
4/16/2016 10:50:00 PM	379200.000	13.102	17.669	29.864
9075.363	10552.912	6.026	7175.981	110.188
1.003	14.759			
4/16/2016 10:55:00 PM	379500.000	13.106	17.671	29.873
9073.871	10550.912	6.025	7174.621	110.207
1.003	14.759			
4/16/2016 11:00:00 PM	379800.000	13.100	17.670	29.860
9075.282	10552.758	6.026	7175.875	110.189
1.003	14.759			
4/16/2016 11:05:00 PM	380100.000	13.101	17.670	29.861
9075.586	10553.153	6.026	7176.145	110.186
1.003	14.760			
4/16/2016 11:10:00 PM	380400.000	13.103	17.670	29.866
9077.653	10555.557	6.028	7177.779	110.161
1.003	14.761			
4/16/2016 11:15:00 PM	380700.000	13.103	17.670	29.865
9073.511	10550.639	6.025	7174.435	110.211
1.003	14.762			
4/16/2016 11:20:00 PM	381000.000	13.101	17.670	29.860
9074.823	10552.042	6.026	7175.389	110.195
1.003	14.759			
4/16/2016 11:25:00 PM	381300.000	13.104	17.669	29.869
9075.551	10553.131	6.026	7176.129	110.186
1.003	14.757			
4/16/2016 11:30:00 PM	381600.000	13.106	17.670	29.873
9074.263	10551.554	6.025	7175.057	110.202
1.003	14.755			
4/16/2016 11:35:00 PM	381900.000	13.107	17.670	29.875
9073.329	10550.305	6.024	7174.207	110.213
1.003	14.757			
4/16/2016 11:40:00 PM	382200.000	13.099	17.670	29.857
9074.634	10551.923	6.025	7175.308	110.197
1.003	14.760			

4/16/2016 11:45:00 PM	382500.000	13.096	17.671	29.849
9073.156	10550.042	6.024	7174.029	110.215
1.003	14.763			
4/16/2016 11:50:00 PM	382800.000	13.099	17.670	29.856
9075.624	10553.013	6.026	7176.049	110.185
1.003	14.762			
4/16/2016 11:55:00 PM	383100.000	13.105	17.670	29.870
9076.848	10554.536	6.027	7177.085	110.170
1.003	14.762			
4/17/2016 12:00:00 AM	383400.000	13.105	17.670	29.869
9075.746	10553.194	6.026	7176.173	110.184
1.003	14.761			
4/17/2016 12:05:00 AM	383700.000	13.100	17.670	29.858
9074.354	10551.537	6.025	7175.046	110.201
1.003	14.761			
4/17/2016 12:10:00 AM	384000.000	13.104	17.669	29.868
9073.935	10551.273	6.025	7174.867	110.206
1.003	14.762			
4/17/2016 12:15:00 AM	384300.000	13.103	17.670	29.865
9074.916	10552.251	6.026	7175.531	110.194
1.003	14.762			
4/17/2016 12:20:00 AM	384600.000	13.100	17.670	29.860
9072.306	10549.133	6.024	7173.411	110.226
1.003	14.760			
4/17/2016 12:25:00 AM	384900.000	13.106	17.670	29.874
9075.631	10553.121	6.026	7176.123	110.185
1.003	14.757			
4/17/2016 12:30:00 AM	385200.000	13.105	17.670	29.870
9073.573	10550.771	6.025	7174.524	110.210
1.003	14.755			
4/17/2016 12:35:00 AM	385500.000	13.105	17.670	29.871
9073.282	10550.373	6.025	7174.254	110.214
1.003	14.754			
4/17/2016 12:40:00 AM	385800.000	13.107	17.670	29.875
9074.505	10551.751	6.025	7175.191	110.199
1.003	14.752			
4/17/2016 12:45:00 AM	386100.000	13.109	17.670	29.879
9071.712	10548.425	6.023	7172.929	110.233
1.003	14.751			
4/17/2016 12:50:00 AM	386400.000	13.112	17.671	29.886
9072.556	10549.344	6.024	7173.554	110.223
1.003	14.753			
4/17/2016 12:55:00 AM	386700.000	13.107	17.670	29.874
9075.114	10552.481	6.026	7175.688	110.191
1.003	14.755			
4/17/2016 1:00:00 AM	387000.000	13.105	17.670	29.869
9072.704	10549.760	6.024	7173.837	110.221
1.003	14.757			
4/17/2016 1:05:00 AM	387300.000	13.104	17.670	29.869
9070.560	10547.266	6.023	7172.141	110.247
1.003	14.756			
4/17/2016 1:10:00 AM	387600.000	13.106	17.670	29.873
9072.813	10549.744	6.024	7173.827	110.219
1.003	14.754			
4/17/2016 1:15:00 AM	387900.000	13.115	17.670	29.893
9070.646	10547.324	6.023	7172.181	110.246
1.003	14.752			

4/17/2016 1:20:00 AM	388200.000	13.113	17.670	29.888	
9074.202	10551.399	6.025	7174.952	110.203	
1.003	14.754				
4/17/2016 1:25:00 AM	388500.000	13.107	17.670	29.876	
9072.465	10549.422	6.024	7173.607	110.224	
1.003	14.755				
4/17/2016 1:30:00 AM	388800.000	13.110	17.670	29.881	
9074.746	10552.054	6.026	7175.397	110.196	
1.003	14.756				
4/17/2016 1:35:00 AM	389100.000	13.106	17.670	29.872	
9072.690	10549.786	6.024	7173.855	110.221	
1.003	14.755				
4/17/2016 1:40:00 AM	389400.000	13.105	17.670	29.871	
9074.187	10551.483	6.025	7175.009	110.203	
1.003	14.755				
4/17/2016 1:45:00 AM	389700.000	13.111	17.670	29.883	
9069.572	10546.059	6.022	7171.320	110.259	
1.003	14.754				
4/17/2016 1:50:00 AM	390000.000	13.107	17.670	29.875	
9071.829	10548.601	6.023	7173.048	110.231	
1.003	14.754				
4/17/2016 1:55:00 AM	390300.000	13.105	17.670	29.871	
9072.172	10548.978	6.024	7173.305	110.227	
1.003	14.754				
4/17/2016 2:00:00 AM	390600.000	13.110	17.669	29.882	
9073.558	10550.813	6.025	7174.553	110.210	
1.003	14.754				
4/17/2016 2:05:00 AM	390900.000	13.106	17.670	29.873	
9071.044	10547.829	6.023	7172.524	110.241	
1.003	14.753				
4/17/2016 2:10:00 AM	391200.000	13.111	17.671	29.884	
9072.458	10549.270	6.024	7173.504	110.224	
1.003	14.752				
4/17/2016 2:15:00 AM	391500.000	13.107	17.670	29.874	
9073.737	10550.841	6.025	7174.572	110.208	
1.003	14.751				
4/17/2016 2:20:00 AM	391800.000	13.108	17.670	29.878	
9073.002	10550.004	6.024	7174.003	110.217	
1.003	14.750				
4/17/2016 2:25:00 AM	392100.000	13.113	17.669	29.889	
9073.752	10551.039	6.025	7174.707	110.208	
1.003	14.749				
4/17/2016 2:30:00 AM	392400.000	13.111	17.671	29.883	
9071.919	10548.643	6.023	7173.078	110.230	
1.003	14.748				
4/17/2016 2:35:00 AM	392700.000	13.110	17.670	29.882	
9071.261	10548.081	6.023	7172.696	110.238	
1.003	14.748				
4/17/2016 2:40:00 AM	393000.000	13.115	17.669	29.893	
9072.713	10549.830	6.024	7173.885	110.221	
1.003	14.748				
4/17/2016 2:45:00 AM	393300.000	13.113	17.670	29.888	
9072.892	10549.936	6.024	7173.957	110.218	
1.003	14.748				
4/17/2016 2:50:00 AM	393600.000	13.113	17.670	29.889	
9071.541	10548.244	6.023	7172.806	110.235	
1.003	14.747				

4/17/2016 2:55:00 AM	393900.000	13.109	17.670	29.880	
9069.964	10546.514	6.022	7171.630	110.254	
1.003	14.747				
4/17/2016 3:00:00 AM	394200.000	13.109	17.670	29.879	
9070.049	10546.552	6.022	7171.656	110.253	
1.003	14.746				
4/17/2016 3:05:00 AM	394500.000	13.109	17.670	29.878	
9072.097	10548.934	6.024	7173.275	110.228	
1.003	14.747				
4/17/2016 3:10:00 AM	394800.000	13.108	17.669	29.878	
9069.334	10545.901	6.022	7171.213	110.262	
1.003	14.748				
4/17/2016 3:15:00 AM	395100.000	13.109	17.670	29.879	
9069.725	10546.253	6.022	7171.453	110.257	
1.003	14.748				
4/17/2016 3:20:00 AM	395400.000	13.113	17.671	29.888	
9070.884	10547.421	6.023	7172.247	110.243	
1.003	14.747				
4/17/2016 3:25:00 AM	395700.000	13.107	17.670	29.876	
9070.104	10546.758	6.022	7171.796	110.252	
1.003	14.746				
4/17/2016 3:30:00 AM	396000.000	13.114	17.670	29.892	
9068.753	10544.984	6.021	7170.590	110.269	
1.003	14.745				
4/17/2016 3:35:00 AM	396300.000	13.110	17.670	29.881	
9068.393	10544.666	6.021	7170.374	110.273	
1.003	14.745				
4/17/2016 3:40:00 AM	396600.000	13.110	17.670	29.882	
9070.787	10547.350	6.023	7172.198	110.244	
1.003	14.745				
4/17/2016 3:45:00 AM	396900.000	13.110	17.670	29.881	
9068.844	10545.107	6.021	7170.674	110.268	
1.003	14.745				
4/17/2016 3:50:00 AM	397200.000	13.116	17.670	29.895	
9067.145	10543.337	6.020	7169.469	110.288	
1.003	14.742				
4/17/2016 3:55:00 AM	397500.000	13.119	17.670	29.901	
9072.123	10549.004	6.024	7173.323	110.228	
1.003	14.739				
4/17/2016 4:00:00 AM	397800.000	13.117	17.670	29.898	
9070.462	10546.989	6.022	7171.953	110.248	
1.003	14.736				
4/17/2016 4:05:00 AM	398100.000	13.116	17.670	29.896	
9069.545	10546.086	6.022	7171.338	110.259	
1.003	14.737				
4/17/2016 4:10:00 AM	398400.000	13.120	17.669	29.904	
9069.910	10546.594	6.022	7171.684	110.255	
1.003	14.738				
4/17/2016 4:15:00 AM	398700.000	13.115	17.670	29.893	
9070.804	10547.592	6.023	7172.363	110.244	
1.003	14.739				
4/17/2016 4:20:00 AM	399000.000	13.119	17.670	29.901	
9069.290	10545.627	6.022	7171.027	110.262	
1.003	14.740				
4/17/2016 4:25:00 AM	399300.000	13.111	17.670	29.884	
9065.891	10541.717	6.019	7168.368	110.304	
1.003	14.741				

4/17/2016 4:30:00 AM	399600.000	13.115	17.669	29.892	
9068.387	10544.843	6.021	7170.494	110.273	
1.003	14.742				
4/17/2016 4:35:00 AM	399900.000	13.117	17.670	29.897	
9068.807	10545.147	6.021	7170.701	110.268	
1.003	14.740				
4/17/2016 4:40:00 AM	400200.000	13.112	17.671	29.887	
9067.912	10543.983	6.021	7169.909	110.279	
1.003	14.739				
4/17/2016 4:45:00 AM	400500.000	13.116	17.670	29.895	
9065.023	10540.709	6.019	7167.683	110.314	
1.003	14.737				
4/17/2016 4:50:00 AM	400800.000	13.114	17.670	29.891	
9067.656	10543.810	6.020	7169.791	110.282	
1.003	14.738				
4/17/2016 4:55:00 AM	401100.000	13.113	17.670	29.888	
9065.710	10541.445	6.019	7168.183	110.306	
1.003	14.739				
4/17/2016 5:00:00 AM	401400.000	13.116	17.671	29.895	
9066.533	10542.341	6.020	7168.792	110.296	
1.003	14.740				
4/17/2016 5:05:00 AM	401700.000	13.111	17.671	29.884	
9066.037	10541.785	6.019	7168.415	110.302	
1.003	14.739				
4/17/2016 5:10:00 AM	402000.000	13.112	17.670	29.887	
9066.740	10542.662	6.020	7169.011	110.293	
1.003	14.739				
4/17/2016 5:15:00 AM	402300.000	13.116	17.670	29.896	
9065.708	10541.606	6.019	7168.293	110.306	
1.003	14.738				
4/17/2016 5:20:00 AM	402600.000	13.112	17.671	29.886	
9066.777	10542.585	6.020	7168.958	110.293	
1.003	14.738				
4/17/2016 5:25:00 AM	402900.000	13.111	17.670	29.884	
9064.427	10540.075	6.018	7167.251	110.321	
1.003	14.738				
4/17/2016 5:30:00 AM	403200.000	13.113	17.671	29.889	
9060.966	10535.867	6.016	7164.390	110.364	
1.003	14.738				
4/17/2016 5:35:00 AM	403500.000	13.113	17.670	29.888	
9063.556	10539.122	6.018	7166.604	110.332	
1.003	14.737				
4/17/2016 5:40:00 AM	403800.000	13.115	17.670	29.893	
9061.918	10537.218	6.016	7165.309	110.352	
1.003	14.735				
4/17/2016 5:45:00 AM	404100.000	13.119	17.670	29.902	
9064.145	10539.807	6.018	7167.068	110.325	
1.003	14.734				
4/17/2016 5:50:00 AM	404400.000	13.116	17.670	29.896	
9061.979	10537.209	6.016	7165.303	110.351	
1.003	14.732				
4/17/2016 5:55:00 AM	404700.000	13.118	17.670	29.900	
9059.650	10534.500	6.015	7163.460	110.380	
1.003	14.731				
4/17/2016 6:00:00 AM	405000.000	13.119	17.670	29.902	
9060.508	10535.458	6.015	7164.112	110.369	
1.003	14.729				

4/17/2016 6:05:00 AM 405300.000 13.119 17.670 29.903
9061.616 10536.725 6.016 7164.973 110.356
1.003 14.730
4/17/2016 6:10:00 AM 405600.000 13.118 17.670 29.901
9061.268 10536.319 6.016 7164.698 110.360
1.003 14.731
4/17/2016 6:15:00 AM 405900.000 13.118 17.671 29.899
9059.594 10534.312 6.015 7163.333 110.380
1.003 14.733
4/17/2016 6:20:00 AM 406200.000 13.119 17.670 29.902
9060.880 10535.930 6.016 7164.433 110.365
1.003 14.733
4/17/2016 6:25:00 AM 406500.000 13.119 17.670 29.901
9059.566 10534.302 6.015 7163.325 110.381
1.003 14.733
4/17/2016 6:30:00 AM 406800.000 13.118 17.670 29.901
9060.989 10535.956 6.016 7164.451 110.363
1.003 14.733
4/17/2016 6:35:00 AM 407100.000 13.119 17.670 29.903
9061.484 10536.672 6.016 7164.938 110.357
1.003 14.735
4/17/2016 6:40:00 AM 407400.000 13.122 17.670 29.909
9058.245 10532.905 6.014 7162.376 110.397
1.003 14.736
4/17/2016 6:45:00 AM 407700.000 13.115 17.670 29.893
9058.435 10533.167 6.014 7162.554 110.394
1.003 14.738
4/17/2016 6:50:00 AM 408000.000 13.116 17.670 29.896
9059.563 10534.377 6.015 7163.377 110.381
1.003 14.736
4/17/2016 6:55:00 AM 408300.000 13.119 17.670 29.902
9055.555 10529.716 6.012 7160.207 110.429
1.003 14.735
4/17/2016 7:00:00 AM 408600.000 13.120 17.670 29.905
9059.851 10534.855 6.015 7163.702 110.377
1.003 14.733
4/17/2016 7:05:00 AM 408900.000 13.121 17.670 29.906
9057.832 10532.364 6.013 7162.008 110.402
1.003 14.733
4/17/2016 7:10:00 AM 409200.000 13.119 17.671 29.903
9059.098 10533.674 6.014 7162.898 110.386
1.003 14.734
4/17/2016 7:15:00 AM 409500.000 13.119 17.671 29.902
9059.368 10534.010 6.014 7163.127 110.383
1.003 14.734
4/17/2016 7:20:00 AM 409800.000 13.120 17.670 29.904
9056.017 10530.275 6.012 7160.588 110.424
1.003 14.734
4/17/2016 7:25:00 AM 410100.000 13.120 17.671 29.905
9058.703 10533.275 6.014 7162.628 110.391
1.003 14.734
4/17/2016 7:30:00 AM 410400.000 13.121 17.670 29.906
9060.312 10535.350 6.015 7164.038 110.371
1.003 14.734
4/17/2016 7:35:00 AM 410700.000 13.118 17.670 29.901
9058.249 10532.810 6.014 7162.311 110.397
1.003 14.736

4/17/2016 7:40:00 AM 411000.000 13.117 17.671 29.897
9056.233 10530.364 6.012 7160.648 110.421
1.003 14.738
4/17/2016 7:45:00 AM 411300.000 13.115 17.670 29.893
9056.364 10530.597 6.012 7160.806 110.420
1.003 14.740
4/17/2016 7:50:00 AM 411600.000 13.118 17.671 29.900
9058.306 10532.813 6.014 7162.314 110.396
1.003 14.737
4/17/2016 7:55:00 AM 411900.000 13.125 17.670 29.917
9059.350 10534.252 6.015 7163.292 110.383
1.003 14.733
4/17/2016 8:00:00 AM 412200.000 13.125 17.670 29.916
9054.808 10528.830 6.011 7159.605 110.439
1.003 14.730
4/17/2016 8:05:00 AM 412500.000 13.122 17.669 29.909
9056.961 10531.536 6.013 7161.445 110.412
1.003 14.732
4/17/2016 8:10:00 AM 412800.000 13.123 17.670 29.911
9055.181 10529.342 6.012 7159.953 110.434
1.003 14.733
4/17/2016 8:15:00 AM 413100.000 13.119 17.671 29.903
9053.680 10527.416 6.010 7158.643 110.452
1.003 14.735
4/17/2016 8:20:00 AM 413400.000 13.121 17.670 29.907
9056.869 10531.244 6.013 7161.246 110.413
1.003 14.736
4/17/2016 8:25:00 AM 413700.000 13.123 17.670 29.912
9054.589 10528.532 6.011 7159.402 110.441
1.003 14.737
4/17/2016 8:30:00 AM 414000.000 13.117 17.670 29.898
9056.026 10530.325 6.012 7160.622 110.424
1.003 14.738
4/17/2016 8:35:00 AM 414300.000 13.116 17.669 29.895
9054.938 10529.161 6.011 7159.830 110.437
1.003 14.738
4/17/2016 8:40:00 AM 414600.000 13.117 17.670 29.898
9054.412 10528.472 6.011 7159.361 110.443
1.003 14.738
4/17/2016 8:45:00 AM 414900.000 13.122 17.670 29.908
9055.510 10529.604 6.012 7160.130 110.430
1.003 14.738
4/17/2016 8:50:00 AM 415200.000 13.121 17.670 29.908
9052.709 10526.407 6.010 7157.958 110.464
1.003 14.738
4/17/2016 8:55:00 AM 415500.000 13.116 17.670 29.896
9050.356 10523.693 6.008 7156.112 110.493
1.003 14.738
4/17/2016 9:00:00 AM 415800.000 13.116 17.670 29.895
9054.117 10528.129 6.011 7159.128 110.447
1.003 14.738
4/17/2016 9:05:00 AM 416100.000 13.118 17.670 29.901
9051.683 10525.274 6.009 7157.187 110.477
1.003 14.736
4/17/2016 9:10:00 AM 416400.000 13.121 17.670 29.906
9052.455 10526.173 6.010 7157.798 110.467
1.003 14.734

4/17/2016 9:15:00 AM 416700.000 13.123 17.670 29.911
9052.677 10526.369 6.010 7157.931 110.465
1.003 14.732
4/17/2016 9:20:00 AM 417000.000 13.124 17.670 29.914
9052.730 10526.476 6.010 7158.004 110.464
1.003 14.731
4/17/2016 9:25:00 AM 417300.000 13.130 17.670 29.927
9052.647 10526.438 6.010 7157.978 110.465
1.003 14.729
4/17/2016 9:30:00 AM 417600.000 13.126 17.670 29.918
9052.066 10525.620 6.009 7157.422 110.472
1.003 14.727
4/17/2016 9:35:00 AM 417900.000 13.124 17.669 29.914
9054.234 10528.405 6.011 7159.315 110.446
1.003 14.729
4/17/2016 9:40:00 AM 418200.000 13.124 17.670 29.913
9051.097 10524.515 6.009 7156.670 110.484
1.003 14.730
4/17/2016 9:45:00 AM 418500.000 13.121 17.670 29.907
9051.811 10525.323 6.009 7157.220 110.475
1.003 14.731
4/17/2016 9:50:00 AM 418800.000 13.124 17.670 29.913
9050.982 10524.502 6.009 7156.662 110.485
1.003 14.730
4/17/2016 9:55:00 AM 419100.000 13.127 17.670 29.920
9051.481 10524.962 6.009 7156.974 110.479
1.003 14.729
4/17/2016 10:00:00 AM 419400.000 13.126 17.671 29.918
9053.408 10527.059 6.010 7158.400 110.456
1.003 14.727
4/17/2016 10:05:00 AM 419700.000 13.129 17.671 29.925
9051.396 10524.719 6.009 7156.809 110.480
1.003 14.729
4/17/2016 10:10:00 AM 420000.000 13.124 17.670 29.914
9049.954 10523.164 6.008 7155.751 110.498
1.003 14.730
4/17/2016 10:15:00 AM 420300.000 13.123 17.670 29.910
9051.834 10525.351 6.009 7157.238 110.475
1.003 14.732
4/17/2016 10:20:00 AM 420600.000 13.121 17.670 29.908
9051.717 10525.192 6.009 7157.131 110.476
1.003 14.733
4/17/2016 10:25:00 AM 420900.000 13.121 17.670 29.906
9054.101 10527.946 6.011 7159.004 110.447
1.003 14.734
4/17/2016 10:30:00 AM 421200.000 13.119 17.670 29.903
9050.480 10523.939 6.008 7156.279 110.491
1.003 14.735
4/17/2016 10:35:00 AM 421500.000 13.130 17.670 29.928
9050.512 10523.813 6.008 7156.193 110.491
1.003 14.731
4/17/2016 10:40:00 AM 421800.000 13.128 17.670 29.923
9052.827 10526.484 6.010 7158.010 110.463
1.003 14.727
4/17/2016 10:45:00 AM 422100.000 13.134 17.671 29.937
9051.909 10525.376 6.009 7157.256 110.474
1.003 14.724

4/17/2016 10:50:00 AM 422400.000 13.137 17.670 29.944
9049.883 10523.143 6.008 7155.737 110.499
1.003 14.725
4/17/2016 10:55:00 AM 422700.000 13.130 17.671 29.927
9050.399 10523.602 6.008 7156.050 110.492
1.003 14.727
4/17/2016 11:00:00 AM 423000.000 13.133 17.670 29.934
9048.559 10521.581 6.007 7154.675 110.515
1.003 14.729
4/17/2016 11:05:00 AM 423300.000 13.125 17.669 29.917
9047.601 10520.652 6.006 7154.043 110.527
1.003 14.731
4/17/2016 11:10:00 AM 423600.000 13.123 17.670 29.912
9046.450 10519.090 6.005 7152.981 110.541
1.003 14.733
4/17/2016 11:15:00 AM 423900.000 13.121 17.670 29.908
9048.371 10521.406 6.007 7154.556 110.517
1.003 14.736
4/17/2016 11:20:00 AM 424200.000 13.122 17.671 29.908
9047.908 10520.684 6.006 7154.065 110.523
1.003 14.735
4/17/2016 11:25:00 AM 424500.000 13.123 17.671 29.911
9048.707 10521.573 6.007 7154.670 110.513
1.003 14.735
4/17/2016 11:30:00 AM 424800.000 13.122 17.671 29.910
9047.338 10519.938 6.006 7153.558 110.530
1.003 14.735
4/17/2016 11:35:00 AM 425100.000 13.122 17.670 29.909
9046.164 10518.898 6.005 7152.852 110.544
1.003 14.734
4/17/2016 11:40:00 AM 425400.000 13.121 17.670 29.908
9044.425 10516.835 6.004 7151.448 110.565
1.003 14.734
4/17/2016 11:45:00 AM 425700.000 13.122 17.670 29.909
9044.182 10516.575 6.004 7151.271 110.568
1.003 14.733
4/17/2016 11:50:00 AM 426000.000 13.121 17.671 29.908
9046.252 10518.798 6.005 7152.783 110.543
1.003 14.734
4/17/2016 11:55:00 AM 426300.000 13.122 17.670 29.909
9043.086 10515.302 6.003 7150.405 110.582
1.003 14.734
4/17/2016 12:00:00 PM 426600.000 13.124 17.671 29.913
9047.061 10519.678 6.006 7153.381 110.533
1.003 14.735
4/17/2016 12:05:00 PM 426900.000 13.123 17.670 29.911
9045.255 10517.661 6.004 7152.010 110.555
1.003 14.735
4/17/2016 12:10:00 PM 427200.000 13.124 17.671 29.914
9045.655 10518.002 6.005 7152.242 110.550
1.003 14.736
4/17/2016 12:15:00 PM 427500.000 13.127 17.671 29.921
9048.090 10520.896 6.006 7154.209 110.521
1.003 14.737
4/17/2016 12:20:00 PM 427800.000 13.123 17.670 29.912
9046.912 10519.811 6.006 7153.472 110.535
1.003 14.736

4/17/2016 12:25:00 PM	428100.000	13.124	17.670	29.913	
9048.259	10521.153	6.007	7154.385	110.519	
1.003	14.736				
4/17/2016 12:30:00 PM	428400.000	13.129	17.670	29.926	
9048.666	10521.646	6.007	7154.719	110.514	
1.003	14.736				
4/17/2016 12:35:00 PM	428700.000	13.128	17.670	29.924	
9048.277	10521.338	6.007	7154.510	110.518	
1.003	14.735				
4/17/2016 12:40:00 PM	429000.000	13.125	17.670	29.915	
9049.751	10523.069	6.008	7155.688	110.500	
1.003	14.735				
4/17/2016 12:45:00 PM	429300.000	13.124	17.670	29.914	
9047.290	10520.089	6.006	7153.661	110.530	
1.003	14.735				
4/17/2016 12:50:00 PM	429600.000	13.126	17.671	29.917	
9049.585	10522.612	6.007	7155.377	110.502	
1.003	14.733				
4/17/2016 12:55:00 PM	429900.000	13.126	17.670	29.919	
9051.387	10524.869	6.009	7156.911	110.480	
1.003	14.732				
4/17/2016 1:00:00 PM	430200.000	13.133	17.670	29.933	
9051.257	10524.719	6.009	7156.809	110.482	
1.003	14.731				
4/17/2016 1:05:00 PM	430500.000	13.129	17.670	29.925	
9049.561	10522.746	6.008	7155.467	110.503	
1.003	14.729				
4/17/2016 1:10:00 PM	430800.000	13.130	17.670	29.927	
9048.631	10521.788	6.007	7154.816	110.514	
1.003	14.728				
4/17/2016 1:15:00 PM	431100.000	13.133	17.670	29.933	
9049.089	10522.258	6.007	7155.136	110.508	
1.003	14.727				
4/17/2016 1:20:00 PM	431400.000	13.137	17.670	29.944	
9052.782	10526.576	6.010	7158.072	110.463	
1.003	14.727				
4/17/2016 1:25:00 PM	431700.000	13.139	17.670	29.948	
9052.652	10526.384	6.010	7157.941	110.465	
1.003	14.727				
4/17/2016 1:30:00 PM	432000.000	13.134	17.670	29.937	
9052.081	10525.638	6.009	7157.434	110.472	
1.003	14.726				
4/17/2016 1:35:00 PM	432300.000	13.132	17.670	29.932	
9049.956	10523.309	6.008	7155.851	110.498	
1.003	14.728				
4/17/2016 1:40:00 PM	432600.000	13.137	17.670	29.942	
9052.180	10525.731	6.009	7157.498	110.471	
1.003	14.729				
4/17/2016 1:45:00 PM	432900.000	13.136	17.671	29.941	
9049.050	10522.012	6.007	7154.969	110.509	
1.003	14.731				
4/17/2016 1:50:00 PM	433200.000	13.136	17.670	29.940	
9051.731	10525.210	6.009	7157.144	110.476	
1.003	14.732				
4/17/2016 1:55:00 PM	433500.000	13.131	17.670	29.929	
9049.603	10522.838	6.008	7155.530	110.502	
1.003	14.734				

4/17/2016 2:00:00 PM	433800.000	13.129	17.670	29.924
9048.116	10521.006	6.006	7154.285	110.520
1.003	14.736			
4/17/2016 2:05:00 PM	434100.000	13.130	17.670	29.928
9048.432	10521.477	6.007	7154.604	110.516
1.003	14.736			
4/17/2016 2:10:00 PM	434400.000	13.131	17.670	29.929
9046.834	10519.576	6.006	7153.312	110.536
1.003	14.736			
4/17/2016 2:15:00 PM	434700.000	13.130	17.670	29.927
9045.748	10518.335	6.005	7152.468	110.549
1.003	14.736			
4/17/2016 2:20:00 PM	435000.000	13.132	17.670	29.932
9043.297	10515.586	6.003	7150.599	110.579
1.003	14.735			
4/17/2016 2:25:00 PM	435300.000	13.130	17.671	29.928
9044.409	10516.595	6.004	7151.285	110.566
1.003	14.735			
4/17/2016 2:30:00 PM	435600.000	13.136	17.670	29.941
9044.082	10516.336	6.004	7151.109	110.570
1.003	14.735			
4/17/2016 2:35:00 PM	435900.000	13.130	17.670	29.927
9041.782	10513.846	6.002	7149.416	110.598
1.003	14.736			
4/17/2016 2:40:00 PM	436200.000	13.129	17.669	29.926
9038.193	10509.733	6.000	7146.619	110.642
1.003	14.737			
4/17/2016 2:45:00 PM	436500.000	13.128	17.671	29.923
9037.208	10508.160	5.999	7145.549	110.654
1.003	14.738			
4/17/2016 2:50:00 PM	436800.000	13.133	17.670	29.933
9037.405	10508.696	5.999	7145.914	110.651
1.003	14.738			
4/17/2016 2:55:00 PM	437100.000	13.130	17.670	29.927
9038.385	10509.874	6.000	7146.715	110.639
1.003	14.738			
4/17/2016 3:00:00 PM	437400.000	13.128	17.670	29.922
9039.702	10511.266	6.000	7147.661	110.623
1.003	14.738			
4/17/2016 3:05:00 PM	437700.000	13.127	17.670	29.921
9040.513	10512.349	6.001	7148.397	110.613
1.003	14.739			
4/17/2016 3:10:00 PM	438000.000	13.133	17.671	29.934
9037.680	10508.812	5.999	7145.992	110.648
1.003	14.739			
4/17/2016 3:15:00 PM	438300.000	13.132	17.670	29.931
9039.196	10510.839	6.000	7147.371	110.629
1.003	14.740			
4/17/2016 3:20:00 PM	438600.000	13.129	17.670	29.926
9040.343	10512.050	6.001	7148.194	110.615
1.003	14.737			
4/17/2016 3:25:00 PM	438900.000	13.131	17.670	29.930
9037.403	10508.550	5.999	7145.814	110.651
1.003	14.735			
4/17/2016 3:30:00 PM	439200.000	13.134	17.670	29.937
9035.235	10506.149	5.997	7144.182	110.678
1.003	14.732			

4/17/2016 3:35:00 PM	439500.000	13.134	17.670	29.937
9038.738	10510.223	6.000	7146.952	110.635
1.003	14.732			
4/17/2016 3:40:00 PM	439800.000	13.133	17.670	29.935
9037.107	10508.266	5.999	7145.621	110.655
1.003	14.732			
4/17/2016 3:45:00 PM	440100.000	13.133	17.671	29.933
9038.452	10509.649	6.000	7146.562	110.638
1.003	14.732			
4/17/2016 3:50:00 PM	440400.000	13.136	17.671	29.941
9036.088	10506.878	5.998	7144.678	110.667
1.003	14.734			
4/17/2016 3:55:00 PM	440700.000	13.130	17.670	29.927
9039.265	10510.817	6.000	7147.356	110.628
1.003	14.735			
4/17/2016 4:00:00 PM	441000.000	13.134	17.670	29.935
9039.072	10510.594	6.000	7147.204	110.631
1.003	14.737			
4/17/2016 4:05:00 PM	441300.000	13.130	17.670	29.928
9036.362	10507.501	5.998	7145.101	110.664
1.003	14.736			
4/17/2016 4:10:00 PM	441600.000	13.131	17.669	29.929
9036.930	10508.222	5.999	7145.591	110.657
1.003	14.735			
4/17/2016 4:15:00 PM	441900.000	13.132	17.671	29.931
9037.421	10508.489	5.999	7145.773	110.651
1.003	14.734			
4/17/2016 4:20:00 PM	442200.000	13.138	17.670	29.945
9036.297	10507.446	5.998	7145.064	110.665
1.003	14.734			
4/17/2016 4:25:00 PM	442500.000	13.132	17.670	29.931
9035.926	10506.853	5.998	7144.660	110.669
1.003	14.733			
4/17/2016 4:30:00 PM	442800.000	13.131	17.671	29.930
9036.517	10507.438	5.998	7145.059	110.662
1.003	14.733			
4/17/2016 4:35:00 PM	443100.000	13.138	17.670	29.944
9033.968	10504.676	5.996	7143.180	110.693
1.003	14.732			
4/17/2016 4:40:00 PM	443400.000	13.138	17.670	29.945
9034.623	10505.438	5.997	7143.698	110.685
1.003	14.730			
4/17/2016 4:45:00 PM	443700.000	13.136	17.670	29.941
9036.393	10507.417	5.998	7145.044	110.664
1.003	14.728			
4/17/2016 4:50:00 PM	444000.000	13.134	17.670	29.937
9035.375	10506.273	5.997	7144.267	110.676
1.003	14.729			
4/17/2016 4:55:00 PM	444300.000	13.133	17.671	29.934
9033.638	10504.130	5.996	7142.809	110.697
1.003	14.729			
4/17/2016 5:00:00 PM	444600.000	13.138	17.671	29.944
9034.614	10505.266	5.997	7143.581	110.685
1.003	14.730			
4/17/2016 5:05:00 PM	444900.000	13.134	17.669	29.937
9032.079	10502.581	5.995	7141.755	110.716
1.003	14.731			

4/17/2016 5:10:00 PM	445200.000	13.136	17.671	29.942
9034.869	10505.544	5.997	7143.770	110.682
1.003	14.732			
4/17/2016 5:15:00 PM	445500.000	13.133	17.671	29.934
9034.246	10504.777	5.997	7143.249	110.690
1.003	14.733			
4/17/2016 5:20:00 PM	445800.000	13.135	17.670	29.938
9029.251	10499.130	5.993	7139.409	110.751
1.003	14.732			
4/17/2016 5:25:00 PM	446100.000	13.140	17.671	29.950
9031.568	10501.685	5.995	7141.146	110.723
1.003	14.732			
4/17/2016 5:30:00 PM	446400.000	13.138	17.670	29.946
9030.879	10501.023	5.994	7140.696	110.731
1.003	14.732			
4/17/2016 5:35:00 PM	446700.000	13.142	17.670	29.954
9031.014	10501.162	5.994	7140.791	110.730
1.003	14.732			
4/17/2016 5:40:00 PM	447000.000	13.135	17.671	29.939
9032.892	10503.263	5.996	7142.219	110.707
1.003	14.733			
4/17/2016 5:45:00 PM	447300.000	13.134	17.671	29.938
9030.086	10499.859	5.993	7139.904	110.741
1.003	14.733			
4/17/2016 5:50:00 PM	447600.000	13.136	17.670	29.941
9028.199	10497.950	5.992	7138.606	110.764
1.003	14.733			
4/17/2016 5:55:00 PM	447900.000	13.136	17.670	29.940
9029.386	10499.248	5.993	7139.489	110.750
1.003	14.732			
4/17/2016 6:00:00 PM	448200.000	13.143	17.670	29.956
9029.927	10499.877	5.994	7139.917	110.743
1.003	14.732			
4/17/2016 6:05:00 PM	448500.000	13.138	17.670	29.946
9027.040	10496.480	5.991	7137.607	110.778
1.003	14.732			
4/17/2016 6:10:00 PM	448800.000	13.141	17.670	29.953
9028.847	10498.682	5.993	7139.104	110.756
1.003	14.732			
4/17/2016 6:15:00 PM	449100.000	13.136	17.670	29.942
9027.740	10497.457	5.992	7138.271	110.770
1.003	14.732			
4/17/2016 6:20:00 PM	449400.000	13.135	17.670	29.940
9025.325	10494.667	5.990	7136.374	110.799
1.003	14.733			
4/17/2016 6:25:00 PM	449700.000	13.135	17.670	29.938
9027.735	10497.368	5.992	7138.211	110.770
1.003	14.733			
4/17/2016 6:30:00 PM	450000.000	13.134	17.670	29.936
9024.962	10494.165	5.990	7136.033	110.804
1.003	14.734			
4/17/2016 6:35:00 PM	450300.000	13.138	17.671	29.946
9027.068	10496.370	5.991	7137.532	110.778
1.003	14.735			
4/17/2016 6:40:00 PM	450600.000	13.136	17.670	29.941
9025.202	10494.383	5.990	7136.180	110.801
1.003	14.736			

4/17/2016 6:45:00 PM	450900.000	13.130	17.670	29.928
9024.595	10493.759	5.990	7135.756	110.808
1.003	14.737			
4/17/2016 6:50:00 PM	451200.000	13.133	17.671	29.935
9024.152	10493.082	5.989	7135.296	110.814
1.003	14.733			
4/17/2016 6:55:00 PM	451500.000	13.144	17.670	29.958
9027.184	10496.770	5.992	7137.804	110.777
1.003	14.730			
4/17/2016 7:00:00 PM	451800.000	13.141	17.670	29.953
9026.008	10495.299	5.991	7136.804	110.791
1.003	14.726			
4/17/2016 7:05:00 PM	452100.000	13.141	17.670	29.953
9024.532	10493.687	5.990	7135.708	110.809
1.003	14.728			
4/17/2016 7:10:00 PM	452400.000	13.140	17.670	29.951
9024.378	10493.587	5.990	7135.640	110.811
1.003	14.729			
4/17/2016 7:15:00 PM	452700.000	13.139	17.670	29.949
9024.090	10493.051	5.989	7135.275	110.814
1.003	14.731			
4/17/2016 7:20:00 PM	453000.000	13.137	17.671	29.944
9026.900	10496.277	5.991	7137.469	110.780
1.003	14.732			
4/17/2016 7:25:00 PM	453300.000	13.138	17.670	29.945
9025.993	10495.402	5.991	7136.874	110.791
1.003	14.733			
4/17/2016 7:30:00 PM	453600.000	13.135	17.670	29.939
9025.275	10494.447	5.990	7136.224	110.800
1.003	14.734			
4/17/2016 7:35:00 PM	453900.000	13.137	17.670	29.944
9025.379	10494.712	5.990	7136.404	110.799
1.003	14.734			
4/17/2016 7:40:00 PM	454200.000	13.138	17.671	29.946
9024.454	10493.373	5.990	7135.494	110.810
1.003	14.734			
4/17/2016 7:45:00 PM	454500.000	13.142	17.670	29.955
9022.221	10490.916	5.988	7133.823	110.837
1.003	14.734			
4/17/2016 7:50:00 PM	454800.000	13.140	17.670	29.949
9022.365	10491.106	5.988	7133.953	110.836
1.003	14.736			
4/17/2016 7:55:00 PM	455100.000	13.136	17.671	29.941
9022.665	10491.371	5.988	7134.133	110.832
1.003	14.737			
4/17/2016 8:00:00 PM	455400.000	13.139	17.671	29.948
9022.825	10491.456	5.988	7134.190	110.830
1.003	14.739			
4/17/2016 8:05:00 PM	455700.000	13.136	17.670	29.940
9021.694	10490.305	5.988	7133.408	110.844
1.003	14.738			
4/17/2016 8:10:00 PM	456000.000	13.138	17.670	29.946
9022.911	10491.759	5.989	7134.396	110.829
1.003	14.738			
4/17/2016 8:15:00 PM	456300.000	13.143	17.671	29.956
9021.619	10490.155	5.988	7133.306	110.845
1.003	14.737			

4/17/2016 8:20:00 PM	456600.000	13.139	17.670	29.947
9020.810	10489.337	5.987	7132.750	110.855
1.003	14.737			
4/17/2016 8:25:00 PM	456900.000	13.144	17.670	29.958
9019.874	10488.167	5.986	7131.954	110.866
1.003	14.737			
4/17/2016 8:30:00 PM	457200.000	13.139	17.670	29.948
9020.364	10488.840	5.987	7132.412	110.860
1.003	14.738			
4/17/2016 8:35:00 PM	457500.000	13.140	17.671	29.949
9021.053	10489.496	5.987	7132.858	110.852
1.003	14.738			
4/17/2016 8:40:00 PM	457800.000	13.145	17.670	29.961
9021.987	10490.624	5.988	7133.625	110.840
1.003	14.739			
4/17/2016 8:45:00 PM	458100.000	13.146	17.671	29.963
9021.351	10489.843	5.987	7133.094	110.848
1.003	14.740			
4/17/2016 8:50:00 PM	458400.000	13.138	17.670	29.946
9019.133	10487.365	5.986	7131.409	110.875
1.003	14.741			
4/17/2016 8:55:00 PM	458700.000	13.142	17.671	29.955
9019.638	10487.750	5.986	7131.670	110.869
1.003	14.743			
4/17/2016 9:00:00 PM	459000.000	13.142	17.671	29.954
9018.809	10486.809	5.985	7131.030	110.879
1.003	14.744			
4/17/2016 9:05:00 PM	459300.000	13.142	17.671	29.954
9017.991	10485.897	5.985	7130.411	110.889
1.003	14.744			
4/17/2016 9:10:00 PM	459600.000	13.138	17.671	29.946
9018.100	10485.941	5.985	7130.441	110.888
1.003	14.744			
4/17/2016 9:15:00 PM	459900.000	13.144	17.670	29.960
9018.374	10486.525	5.985	7130.838	110.885
1.003	14.744			
4/17/2016 9:20:00 PM	460200.000	13.140	17.670	29.950
9017.123	10484.968	5.984	7129.779	110.900
1.003	14.744			
4/17/2016 9:25:00 PM	460500.000	13.144	17.670	29.960
9018.056	10486.095	5.985	7130.544	110.889
1.003	14.743			
4/17/2016 9:30:00 PM	460800.000	13.139	17.670	29.947
9016.737	10484.579	5.984	7129.514	110.905
1.003	14.743			
4/17/2016 9:35:00 PM	461100.000	13.138	17.670	29.946
9015.137	10482.740	5.983	7128.264	110.925
1.003	14.743			
4/17/2016 9:40:00 PM	461400.000	13.145	17.670	29.962
9015.726	10483.364	5.983	7128.688	110.917
1.003	14.743			
4/17/2016 9:45:00 PM	461700.000	13.141	17.671	29.953
9016.772	10484.520	5.984	7129.474	110.904
1.003	14.742			
4/17/2016 9:50:00 PM	462000.000	13.139	17.671	29.947
9015.411	10482.918	5.983	7128.385	110.921
1.003	14.744			

4/17/2016 9:55:00 PM 462300.000 13.137 17.670 29.944
9015.977 10483.755 5.984 7128.954 110.914
1.003 14.746
4/17/2016 10:00:00 PM 462600.000 13.141 17.671 29.952
9014.949 10482.399 5.983 7128.032 110.927
1.003 14.749
4/17/2016 10:05:00 PM 462900.000 13.142 17.670 29.954
9014.388 10481.769 5.982 7127.603 110.934
1.003 14.747
4/17/2016 10:10:00 PM 463200.000 13.144 17.670 29.960
9013.801 10481.147 5.982 7127.181 110.941
1.003 14.746
4/17/2016 10:15:00 PM 463500.000 13.141 17.670 29.952
9013.359 10480.592 5.982 7126.803 110.946
1.003 14.744
4/17/2016 10:20:00 PM 463800.000 13.143 17.671 29.957
9015.140 10482.520 5.983 7128.114 110.925
1.003 14.745
4/17/2016 10:25:00 PM 464100.000 13.142 17.670 29.956
9013.457 10480.787 5.982 7126.936 110.945
1.003 14.746
4/17/2016 10:30:00 PM 464400.000 13.137 17.670 29.942
9014.169 10481.533 5.982 7127.443 110.936
1.003 14.747
4/17/2016 10:35:00 PM 464700.000 13.143 17.670 29.957
9012.880 10480.055 5.981 7126.438 110.952
1.003 14.746
4/17/2016 10:40:00 PM 465000.000 13.139 17.670 29.947
9013.836 10481.249 5.982 7127.250 110.941
1.003 14.745
4/17/2016 10:45:00 PM 465300.000 13.144 17.671 29.959
9012.270 10479.266 5.981 7125.901 110.960
1.003 14.744
4/17/2016 10:50:00 PM 465600.000 13.145 17.670 29.962
9013.079 10480.448 5.982 7126.706 110.950
1.003 14.744
4/17/2016 10:55:00 PM 465900.000 13.146 17.670 29.963
9012.479 10479.712 5.981 7126.205 110.957
1.003 14.744
4/17/2016 11:00:00 PM 466200.000 13.145 17.670 29.963
9013.285 10480.608 5.982 7126.814 110.947
1.003 14.743
4/17/2016 11:05:00 PM 466500.000 13.142 17.670 29.954
9011.943 10478.945 5.981 7125.683 110.964
1.003 14.742
4/17/2016 11:10:00 PM 466800.000 13.143 17.670 29.957
9012.761 10479.998 5.981 7126.399 110.954
1.003 14.742
4/17/2016 11:15:00 PM 467100.000 13.143 17.670 29.956
9011.516 10478.430 5.980 7125.333 110.969
1.003 14.741
4/17/2016 11:20:00 PM 467400.000 13.143 17.671 29.957
9011.953 10478.837 5.981 7125.610 110.964
1.003 14.740
4/17/2016 11:25:00 PM 467700.000 13.143 17.671 29.957
9012.938 10480.000 5.981 7126.400 110.952
1.003 14.739

4/17/2016 11:30:00 PM 468000.000 13.149 17.671 29.970
9012.037 10478.935 5.981 7125.676 110.963
1.003 14.738
4/17/2016 11:35:00 PM 468300.000 13.145 17.670 29.961
9014.283 10481.786 5.982 7127.615 110.935
1.003 14.741
4/17/2016 11:40:00 PM 468600.000 13.144 17.670 29.958
9013.287 10480.489 5.982 7126.733 110.947
1.003 14.743
4/17/2016 11:45:00 PM 468900.000 13.136 17.670 29.941
9011.623 10478.654 5.980 7125.485 110.968
1.003 14.746
4/17/2016 11:50:00 PM 469200.000 13.142 17.670 29.955
9012.405 10479.503 5.981 7126.063 110.958
1.003 14.741
4/17/2016 11:55:00 PM 469500.000 13.149 17.670 29.971
9014.219 10481.694 5.982 7127.553 110.936
1.003 14.737
4/18/2016 12:00:00 AM 469800.000 13.153 17.670 29.980
9015.089 10482.785 5.983 7128.294 110.925
1.003 14.733
4/18/2016 12:05:00 AM 470100.000 13.153 17.671 29.981
9013.348 10480.498 5.982 7126.739 110.947
1.003 14.734
4/18/2016 12:10:00 AM 470400.000 13.148 17.670 29.969
9013.745 10481.160 5.982 7127.189 110.942
1.003 14.734
4/18/2016 12:15:00 AM 470700.000 13.147 17.670 29.966
9013.498 10480.753 5.982 7126.913 110.945
1.003 14.735
4/18/2016 12:20:00 AM 471000.000 13.144 17.671 29.960
9013.728 10480.979 5.982 7127.065 110.942
1.003 14.738
4/18/2016 12:25:00 AM 471300.000 13.143 17.671 29.957
9012.585 10479.650 5.981 7126.163 110.956
1.003 14.740
4/18/2016 12:30:00 AM 471600.000 13.145 17.670 29.962
9012.477 10479.564 5.981 7126.104 110.957
1.003 14.743
4/18/2016 12:35:00 AM 471900.000 13.141 17.671 29.953
9009.984 10476.566 5.979 7124.066 110.988
1.003 14.744
4/18/2016 12:40:00 AM 472200.000 13.145 17.671 29.962
9010.574 10477.313 5.980 7124.573 110.981
1.003 14.744
4/18/2016 12:45:00 AM 472500.000 13.139 17.670 29.949
9012.176 10479.275 5.981 7125.907 110.961
1.003 14.744
4/18/2016 12:50:00 AM 472800.000 13.145 17.670 29.962
9010.733 10477.682 5.980 7124.824 110.979
1.003 14.743
4/18/2016 12:55:00 AM 473100.000 13.142 17.671 29.954
9012.316 10479.277 5.981 7125.909 110.959
1.003 14.741
4/18/2016 1:00:00 AM 473400.000 13.144 17.671 29.959
9009.733 10476.335 5.979 7123.908 110.991
1.003 14.740

4/18/2016 1:05:00 AM	473700.000	13.145	17.671	29.962
9010.750	10477.498	5.980	7124.699	110.979
1.003	14.739			
4/18/2016 1:10:00 AM	474000.000	13.146	17.670	29.964
9009.335	10476.032	5.979	7123.703	110.996
1.003	14.738			
4/18/2016 1:15:00 AM	474300.000	13.147	17.670	29.966
9010.320	10477.118	5.980	7124.440	110.984
1.003	14.737			
4/18/2016 1:20:00 AM	474600.000	13.146	17.670	29.963
9010.318	10477.218	5.980	7124.509	110.984
1.003	14.739			
4/18/2016 1:25:00 AM	474900.000	13.149	17.671	29.970
9008.036	10474.260	5.978	7122.497	111.012
1.003	14.740			
4/18/2016 1:30:00 AM	475200.000	13.145	17.670	29.961
9008.860	10475.381	5.978	7123.260	111.002
1.003	14.741			
4/18/2016 1:35:00 AM	475500.000	13.144	17.670	29.959
9007.997	10474.338	5.978	7122.550	111.012
1.003	14.742			
4/18/2016 1:40:00 AM	475800.000	13.141	17.670	29.953
9009.888	10476.675	5.979	7124.139	110.989
1.003	14.744			
4/18/2016 1:45:00 AM	476100.000	13.139	17.670	29.949
9009.241	10475.924	5.979	7123.628	110.997
1.003	14.745			
4/18/2016 1:50:00 AM	476400.000	13.142	17.670	29.954
9008.949	10475.545	5.979	7123.371	111.001
1.003	14.744			
4/18/2016 1:55:00 AM	476700.000	13.147	17.671	29.966
9010.113	10476.655	5.979	7124.126	110.986
1.003	14.742			
4/18/2016 2:00:00 AM	477000.000	13.143	17.670	29.956
9009.069	10475.585	5.979	7123.398	110.999
1.003	14.741			
4/18/2016 2:05:00 AM	477300.000	13.142	17.670	29.954
9009.209	10475.886	5.979	7123.603	110.998
1.003	14.740			
4/18/2016 2:10:00 AM	477600.000	13.144	17.670	29.959
9009.082	10475.762	5.979	7123.519	110.999
1.003	14.739			
4/18/2016 2:15:00 AM	477900.000	13.151	17.670	29.974
9007.482	10473.920	5.978	7122.266	111.019
1.003	14.738			
4/18/2016 2:20:00 AM	478200.000	13.144	17.670	29.959
9006.199	10472.348	5.977	7121.197	111.035
1.003	14.739			
4/18/2016 2:25:00 AM	478500.000	13.142	17.670	29.954
9010.749	10477.639	5.980	7124.795	110.979
1.003	14.740			
4/18/2016 2:30:00 AM	478800.000	13.141	17.670	29.953
9010.309	10477.065	5.979	7124.405	110.984
1.003	14.741			
4/18/2016 2:35:00 AM	479100.000	13.142	17.671	29.956
9008.552	10474.900	5.978	7122.933	111.006
1.003	14.739			

4/18/2016 2:40:00 AM	479400.000	13.145	17.671	29.962	
9006.643	10472.640	5.977	7121.396	111.029	
1.003	14.736				
4/18/2016 2:45:00 AM	479700.000	13.147	17.670	29.965	
9009.352	10476.014	5.979	7123.689	110.996	
1.003	14.734				
4/18/2016 2:50:00 AM	480000.000	13.146	17.670	29.963	
9009.941	10476.638	5.979	7124.114	110.989	
1.003	14.734				
4/18/2016 2:55:00 AM	480300.000	13.145	17.670	29.962	
9006.969	10473.203	5.977	7121.778	111.025	
1.003	14.735				
4/18/2016 3:00:00 AM	480600.000	13.148	17.670	29.967	
9008.848	10475.346	5.978	7123.236	111.002	
1.003	14.735				
4/18/2016 3:05:00 AM	480900.000	13.143	17.670	29.957	
9006.912	10473.238	5.977	7121.803	111.026	
1.003	14.735				
4/18/2016 3:10:00 AM	481200.000	13.146	17.670	29.963	
9009.163	10475.833	5.979	7123.566	110.998	
1.003	14.735				
4/18/2016 3:15:00 AM	481500.000	13.150	17.671	29.974	
9006.309	10472.313	5.977	7121.174	111.033	
1.003	14.734				
4/18/2016 3:20:00 AM	481800.000	13.144	17.671	29.959	
9009.083	10475.478	5.979	7123.325	110.999	
1.003	14.735				
4/18/2016 3:25:00 AM	482100.000	13.145	17.670	29.961	
9009.466	10476.226	5.979	7123.833	110.994	
1.003	14.735				
4/18/2016 3:30:00 AM	482400.000	13.144	17.670	29.959	
9007.720	10474.076	5.978	7122.373	111.016	
1.003	14.735				
4/18/2016 3:35:00 AM	482700.000	13.145	17.671	29.961	
9007.538	10473.703	5.977	7122.119	111.018	
1.003	14.732				
4/18/2016 3:40:00 AM	483000.000	13.154	17.671	29.983	
9007.735	10474.012	5.978	7122.328	111.016	
1.003	14.729				
4/18/2016 3:45:00 AM	483300.000	13.156	17.671	29.987	
9007.001	10473.097	5.977	7121.707	111.025	
1.003	14.726				
4/18/2016 3:50:00 AM	483600.000	13.155	17.670	29.984	
9006.486	10472.720	5.977	7121.450	111.031	
1.003	14.728				
4/18/2016 3:55:00 AM	483900.000	13.155	17.671	29.985	
9005.438	10471.179	5.976	7120.402	111.044	
1.003	14.730				
4/18/2016 4:00:00 AM	484200.000	13.149	17.670	29.971	
9005.122	10471.096	5.976	7120.346	111.048	
1.003	14.732				
4/18/2016 4:05:00 AM	484500.000	13.152	17.671	29.976	
9004.758	10470.531	5.975	7119.962	111.052	
1.003	14.735				
4/18/2016 4:10:00 AM	484800.000	13.145	17.671	29.961	
9005.059	10470.898	5.976	7120.211	111.049	
1.003	14.738				

4/18/2016 4:15:00 AM	485100.000	13.142	17.671	29.956	
9004.036	10469.691	5.975	7119.391	111.061	
1.003	14.741				
4/18/2016 4:20:00 AM	485400.000	13.143	17.670	29.956	
9005.359	10471.271	5.976	7120.465	111.045	
1.003	14.739				
4/18/2016 4:25:00 AM	485700.000	13.145	17.670	29.963	
8997.102	10461.808	5.970	7114.029	111.147	
1.003	14.737				
4/18/2016 4:30:00 AM	486000.000	13.149	17.670	29.971	
8988.022	10451.151	5.964	7106.783	111.259	
1.003	14.735				
4/18/2016 4:35:00 AM	486300.000	13.151	17.671	29.976	
8964.175	10423.321	5.947	7087.859	111.555	
1.003	14.736				
4/18/2016 4:40:00 AM	486600.000	13.151	17.671	29.974	
8942.636	10398.215	5.931	7070.787	111.824	
1.003	14.738				
4/18/2016 4:45:00 AM	486900.000	13.150	17.670	29.972	
8922.094	10374.451	5.917	7054.627	112.081	
1.003	14.740				
4/18/2016 4:50:00 AM	487200.000	13.151	17.671	29.975	
8902.366	10351.473	5.902	7039.002	112.330	
1.003	14.740				
4/18/2016 4:55:00 AM	487500.000	13.145	17.670	29.961	
8887.223	10333.942	5.892	7027.082	112.521	
1.003	14.740				
4/18/2016 5:00:00 AM	487800.000	13.145	17.671	29.962	
8869.433	10313.195	5.879	7012.973	112.747	
1.003	14.740				
4/18/2016 5:05:00 AM	488100.000	13.145	17.671	29.961	
8852.715	10293.738	5.867	6999.743	112.960	
1.003	14.740				
4/18/2016 5:10:00 AM	488400.000	13.145	17.671	29.961	
8838.214	10276.896	5.857	6988.290	113.145	
1.003	14.739				
4/18/2016 5:15:00 AM	488700.000	13.147	17.670	29.966	
8824.538	10261.016	5.847	6977.491	113.320	
1.003	14.739				
4/18/2016 5:20:00 AM	489000.000	13.145	17.670	29.962	
8812.021	10246.538	5.838	6967.646	113.481	
1.003	14.740				
4/18/2016 5:25:00 AM	489300.000	13.144	17.670	29.960	
8797.485	10229.559	5.828	6956.101	113.669	
1.003	14.740				
4/18/2016 5:30:00 AM	489600.000	13.145	17.670	29.961	
8786.114	10216.375	5.820	6947.135	113.816	
1.003	14.741				
4/18/2016 5:35:00 AM	489900.000	13.148	17.671	29.968	
8776.380	10204.938	5.813	6939.358	113.942	
1.003	14.741				
4/18/2016 5:40:00 AM	490200.000	13.143	17.671	29.957	
8765.260	10192.065	5.805	6930.605	114.087	
1.003	14.742				
4/18/2016 5:45:00 AM	490500.000	13.144	17.670	29.959	
8754.929	10180.151	5.798	6922.503	114.221	
1.003	14.742				

4/18/2016 5:50:00 AM	490800.000	13.144	17.670	29.960	
8741.918	10165.005	5.788	6912.204	114.391	
1.003	14.741				
4/18/2016 5:55:00 AM	491100.000	13.149	17.670	29.971	
8734.050	10155.856	5.783	6905.983	114.494	
1.003	14.740				
4/18/2016 6:00:00 AM	491400.000	13.146	17.671	29.964	
8725.768	10146.069	5.777	6899.327	114.603	
1.003	14.739				
4/18/2016 6:05:00 AM	491700.000	13.145	17.669	29.962	
8714.431	10133.276	5.769	6890.628	114.752	
1.003	14.740				
4/18/2016 6:10:00 AM	492000.000	13.144	17.670	29.959	
8707.044	10124.396	5.763	6884.589	114.850	
1.003	14.741				
4/18/2016 6:15:00 AM	492300.000	13.142	17.670	29.954	
8698.060	10114.065	5.757	6877.565	114.968	
1.003	14.742				
4/18/2016 6:20:00 AM	492600.000	13.151	17.670	29.974	
8690.401	10105.199	5.752	6871.536	115.069	
1.003	14.739				
4/18/2016 6:25:00 AM	492900.000	13.153	17.671	29.981	
8684.883	10098.604	5.748	6867.052	115.143	
1.003	14.737				
4/18/2016 6:30:00 AM	493200.000	13.156	17.670	29.987	
8675.980	10088.372	5.741	6860.094	115.261	
1.003	14.735				
4/18/2016 6:35:00 AM	493500.000	13.155	17.670	29.983	
8667.908	10078.906	5.736	6853.657	115.368	
1.003	14.738				
4/18/2016 6:40:00 AM	493800.000	13.153	17.670	29.980	
8659.514	10069.165	5.730	6847.033	115.480	
1.003	14.740				
4/18/2016 6:45:00 AM	494100.000	13.148	17.670	29.968	
8651.467	10059.788	5.724	6840.656	115.587	
1.003	14.743				
4/18/2016 6:50:00 AM	494400.000	13.145	17.670	29.962	
8642.081	10048.953	5.717	6833.288	115.713	
1.003	14.743				
4/18/2016 6:55:00 AM	494700.000	13.147	17.670	29.967	
8638.044	10044.259	5.714	6830.097	115.767	
1.003	14.743				
4/18/2016 7:00:00 AM	495000.000	13.148	17.670	29.968	
8627.866	10032.387	5.707	6822.023	115.904	
1.003	14.744				
4/18/2016 7:05:00 AM	495300.000	13.146	17.670	29.965	
8623.979	10027.924	5.704	6818.989	115.956	
1.003	14.745				
4/18/2016 7:10:00 AM	495600.000	13.149	17.670	29.971	
8618.609	10021.623	5.701	6814.704	116.028	
1.003	14.747				
4/18/2016 7:15:00 AM	495900.000	13.144	17.670	29.959	
8615.122	10017.548	5.698	6811.933	116.075	
1.003	14.749				
4/18/2016 7:20:00 AM	496200.000	13.149	17.670	29.970	
8606.577	10007.649	5.692	6805.202	116.190	
1.003	14.748				

4/18/2016 7:25:00 AM	496500.000	13.146	17.670	29.965	
8602.935	10003.471	5.689	6802.360	116.239	
1.003	14.747				
4/18/2016 7:30:00 AM	496800.000	13.152	17.670	29.978	
8594.195	9993.272	5.683	6795.425	116.358	
1.003	14.747				
4/18/2016 7:35:00 AM	497100.000	13.148	17.670	29.969	
8588.698	9986.900	5.679	6791.092	116.432	
1.003	14.747				
4/18/2016 7:40:00 AM	497400.000	13.156	17.671	29.987	
8582.503	9979.522	5.675	6786.076	116.516	
1.003	14.747				
4/18/2016 7:45:00 AM	497700.000	13.151	17.670	29.976	
8581.159	9978.190	5.674	6785.169	116.534	
1.003	14.747				
4/18/2016 7:50:00 AM	498000.000	13.151	17.670	29.975	
8574.186	9970.042	5.669	6779.629	116.629	
1.003	14.752				
4/18/2016 7:55:00 AM	498300.000	13.143	17.670	29.956	
8569.079	9964.010	5.665	6775.527	116.699	
1.003	14.756				
4/18/2016 8:00:00 AM	498600.000	13.139	17.670	29.948	
8565.112	9959.359	5.662	6772.365	116.753	
1.003	14.760				
4/18/2016 8:05:00 AM	498900.000	13.137	17.670	29.944	
8560.190	9953.731	5.659	6768.538	116.820	
1.003	14.762				
4/18/2016 8:10:00 AM	499200.000	13.139	17.670	29.948	
8557.070	9950.083	5.657	6766.057	116.862	
1.003	14.765				
4/18/2016 8:15:00 AM	499500.000	13.132	17.670	29.932	
8548.311	9939.840	5.651	6759.092	116.982	
1.003	14.767				
4/18/2016 8:20:00 AM	499800.000	13.136	17.671	29.940	
8548.428	9939.900	5.651	6759.133	116.981	
1.003	14.762				
4/18/2016 8:25:00 AM	500100.000	13.139	17.670	29.947	
8544.702	9935.664	5.648	6756.252	117.032	
1.003	14.758				
4/18/2016 8:30:00 AM	500400.000	13.151	17.670	29.975	
8541.071	9931.500	5.645	6753.420	117.081	
1.003	14.753				
4/18/2016 8:35:00 AM	500700.000	13.144	17.670	29.959	
8536.474	9926.097	5.642	6749.746	117.144	
1.003	14.756				
4/18/2016 8:40:00 AM	501000.000	13.141	17.671	29.953	
8536.794	9926.393	5.642	6749.948	117.140	
1.003	14.758				
4/18/2016 8:45:00 AM	501300.000	13.141	17.670	29.953	
8532.222	9921.152	5.639	6746.384	117.203	
1.003	14.760				
4/18/2016 8:50:00 AM	501600.000	13.140	17.670	29.949	
8529.525	9917.979	5.637	6744.227	117.240	
1.003	14.759				
4/18/2016 8:55:00 AM	501900.000	13.140	17.670	29.951	
8528.282	9916.552	5.636	6743.256	117.257	
1.003	14.759				

4/18/2016 9:00:00 AM 502200.000 13.141 17.670 29.953
8524.800 9912.543 5.634 6740.529 117.305
1.003 14.759
4/18/2016 9:05:00 AM 502500.000 13.138 17.671 29.946
8520.321 9907.161 5.631 6736.870 117.366
1.003 14.759
4/18/2016 9:10:00 AM 502800.000 13.143 17.670 29.956
8518.938 9905.743 5.630 6735.906 117.386
1.003 14.759
4/18/2016 9:15:00 AM 503100.000 13.138 17.671 29.945
8519.285 9906.052 5.630 6736.115 117.381
1.003 14.760
4/18/2016 9:20:00 AM 503400.000 13.141 17.670 29.953
8516.530 9902.927 5.628 6733.991 117.419
1.003 14.759
4/18/2016 9:25:00 AM 503700.000 13.143 17.670 29.958
8516.458 9902.843 5.628 6733.934 117.420
1.003 14.758
4/18/2016 9:30:00 AM 504000.000 13.138 17.670 29.946
8514.338 9900.395 5.626 6732.269 117.449
1.003 14.758
4/18/2016 9:35:00 AM 504300.000 13.142 17.670 29.955
8512.170 9897.930 5.625 6730.593 117.479
1.003 14.758
4/18/2016 9:40:00 AM 504600.000 13.142 17.670 29.954
8510.163 9895.503 5.623 6728.942 117.507
1.003 14.758
4/18/2016 9:45:00 AM 504900.000 13.136 17.670 29.942
8507.256 9892.085 5.621 6726.618 117.547
1.003 14.758
4/18/2016 9:50:00 AM 505200.000 13.137 17.671 29.942
8504.387 9888.728 5.619 6724.335 117.586
1.003 14.759
4/18/2016 9:55:00 AM 505500.000 13.136 17.670 29.942
8504.559 9888.966 5.619 6724.498 117.584
1.003 14.760
4/18/2016 10:00:00 AM 505800.000 13.133 17.670 29.934
8505.781 9890.407 5.620 6725.477 117.567
1.003 14.761
4/18/2016 10:05:00 AM 506100.000 13.136 17.671 29.942
8502.729 9886.782 5.618 6723.012 117.609
1.003 14.760
4/18/2016 10:10:00 AM 506400.000 13.140 17.670 29.950
8502.671 9886.791 5.618 6723.018 117.610
1.003 14.759
4/18/2016 10:15:00 AM 506700.000 13.136 17.671 29.941
8501.508 9885.380 5.617 6722.059 117.626
1.003 14.758
4/18/2016 10:20:00 AM 507000.000 13.141 17.670 29.953
8501.963 9885.968 5.618 6722.458 117.620
1.003 14.757
4/18/2016 10:25:00 AM 507300.000 13.138 17.670 29.947
8500.770 9884.601 5.617 6721.528 117.636
1.003 14.755
4/18/2016 10:30:00 AM 507600.000 13.140 17.670 29.949
8501.045 9884.938 5.617 6721.758 117.633
1.003 14.754

4/18/2016 10:35:00 AM 507900.000 13.139 17.671 29.947
8497.846 9880.990 5.615 6719.074 117.677
1.003 14.756
4/18/2016 10:40:00 AM 508200.000 13.136 17.670 29.941
8500.183 9883.860 5.616 6721.025 117.645
1.003 14.757
4/18/2016 10:45:00 AM 508500.000 13.133 17.670 29.935
8497.412 9880.676 5.614 6718.860 117.683
1.003 14.759
4/18/2016 10:50:00 AM 508800.000 13.135 17.671 29.938
8496.710 9879.765 5.614 6718.241 117.693
1.003 14.759
4/18/2016 10:55:00 AM 509100.000 13.138 17.671 29.946
8496.269 9879.271 5.614 6717.904 117.699
1.003 14.759
4/18/2016 11:00:00 AM 509400.000 13.134 17.670 29.937
8496.979 9880.136 5.614 6718.493 117.689
1.003 14.758
4/18/2016 11:05:00 AM 509700.000 13.137 17.671 29.944
8497.620 9880.843 5.615 6718.974 117.680
1.003 14.758
4/18/2016 11:10:00 AM 510000.000 13.139 17.670 29.949
8496.879 9880.019 5.614 6718.413 117.690
1.003 14.758
4/18/2016 11:15:00 AM 510300.000 13.133 17.670 29.934
8494.901 9877.777 5.613 6716.889 117.718
1.003 14.758
4/18/2016 11:20:00 AM 510600.000 13.134 17.671 29.936
8493.756 9876.350 5.612 6715.918 117.734
1.003 14.758
4/18/2016 11:25:00 AM 510900.000 13.139 17.670 29.947
8493.688 9876.346 5.612 6715.915 117.734
1.003 14.758
4/18/2016 11:30:00 AM 511200.000 13.139 17.670 29.948
8493.938 9876.616 5.612 6716.099 117.731
1.003 14.757
4/18/2016 11:35:00 AM 511500.000 13.134 17.670 29.937
8494.686 9877.543 5.613 6716.729 117.721
1.003 14.756
4/18/2016 11:40:00 AM 511800.000 13.134 17.670 29.937
8496.383 9879.442 5.614 6718.021 117.697
1.003 14.755
4/18/2016 11:45:00 AM 512100.000 13.136 17.670 29.942
8493.110 9875.674 5.611 6715.459 117.742
1.003 14.754
4/18/2016 11:50:00 AM 512400.000 13.133 17.670 29.933
8491.716 9874.110 5.610 6714.396 117.762
1.003 14.756
4/18/2016 11:55:00 AM 512700.000 13.135 17.671 29.938
8492.636 9875.047 5.611 6715.032 117.749
1.003 14.759
4/18/2016 12:00:00 PM 513000.000 13.127 17.670 29.921
8495.388 9878.380 5.613 6717.298 117.711
1.003 14.761
4/18/2016 12:05:00 PM 513300.000 13.127 17.670 29.920
8493.723 9876.463 5.612 6715.995 117.734
1.003 14.760

4/18/2016 12:10:00 PM 513600.000 13.134 17.670 29.936
8491.735 9874.075 5.610 6714.371 117.762
1.003 14.758
4/18/2016 12:15:00 PM 513900.000 13.134 17.670 29.936
8493.688 9876.310 5.612 6715.891 117.734
1.003 14.756
4/18/2016 12:20:00 PM 514200.000 13.131 17.670 29.929
8495.373 9878.342 5.613 6717.273 117.711
1.003 14.755
4/18/2016 12:25:00 PM 514500.000 13.130 17.671 29.928
8492.567 9874.910 5.611 6714.939 117.750
1.003 14.754
4/18/2016 12:30:00 PM 514800.000 13.132 17.671 29.932
8497.019 9880.160 5.614 6718.509 117.688
1.003 14.752
4/18/2016 12:35:00 PM 515100.000 13.132 17.671 29.933
8494.212 9876.822 5.612 6716.239 117.727
1.003 14.751
4/18/2016 12:40:00 PM 515400.000 13.136 17.670 29.941
8495.268 9878.162 5.613 6717.151 117.713
1.003 14.750
4/18/2016 12:45:00 PM 515700.000 13.132 17.671 29.931
8494.525 9877.225 5.612 6716.513 117.723
1.003 14.749
4/18/2016 12:50:00 PM 516000.000 13.130 17.670 29.928
8497.979 9881.336 5.615 6719.309 117.675
1.003 14.750
4/18/2016 12:55:00 PM 516300.000 13.130 17.670 29.926
8495.045 9877.887 5.613 6716.963 117.716
1.003 14.751
4/18/2016 1:00:00 PM 516600.000 13.129 17.671 29.924
8495.473 9878.362 5.613 6717.287 117.710
1.003 14.752
4/18/2016 1:05:00 PM 516900.000 13.134 17.671 29.937
8498.926 9882.264 5.615 6719.940 117.662
1.003 14.753
4/18/2016 1:10:00 PM 517200.000 13.130 17.671 29.927
8495.729 9878.586 5.613 6717.438 117.706
1.003 14.754
4/18/2016 1:15:00 PM 517500.000 13.128 17.670 29.922
8498.610 9882.069 5.615 6719.808 117.666
1.003 14.754
4/18/2016 1:20:00 PM 517800.000 13.129 17.670 29.926
8503.199 9887.386 5.619 6723.422 117.603
1.003 14.754
4/18/2016 1:25:00 PM 518100.000 13.131 17.670 29.931
8500.943 9884.762 5.617 6721.639 117.634
1.003 14.754
4/18/2016 1:30:00 PM 518400.000 13.128 17.671 29.922
8501.009 9884.800 5.617 6721.665 117.633
1.003 14.754
4/18/2016 1:35:00 PM 518700.000 13.133 17.671 29.934
8500.321 9883.927 5.616 6721.071 117.643
1.003 14.754
4/18/2016 1:40:00 PM 519000.000 13.131 17.671 29.931
8504.636 9889.018 5.620 6724.533 117.583
1.003 14.754

4/18/2016 1:45:00 PM 519300.000 13.127 17.671 29.920
8502.818 9886.867 5.618 6723.070 117.608
1.003 14.755
4/18/2016 1:50:00 PM 519600.000 13.131 17.670 29.930
8504.496 9888.990 5.619 6724.514 117.585
1.003 14.753
4/18/2016 1:55:00 PM 519900.000 13.135 17.670 29.939
8506.831 9891.665 5.621 6726.333 117.553
1.003 14.751
4/18/2016 2:00:00 PM 520200.000 13.130 17.671 29.927
8504.456 9888.751 5.619 6724.351 117.585
1.003 14.749
4/18/2016 2:05:00 PM 520500.000 13.128 17.670 29.922
8506.714 9891.513 5.621 6726.229 117.554
1.003 14.750
4/18/2016 2:10:00 PM 520800.000 13.129 17.671 29.924
8506.790 9891.505 5.621 6726.224 117.553
1.003 14.751
4/18/2016 2:15:00 PM 521100.000 13.127 17.670 29.919
8505.854 9890.454 5.620 6725.509 117.566
1.003 14.752
4/18/2016 2:20:00 PM 521400.000 13.131 17.671 29.930
8505.246 9889.727 5.620 6725.015 117.574
1.003 14.752
4/18/2016 2:25:00 PM 521700.000 13.126 17.670 29.917
8505.923 9890.609 5.620 6725.615 117.565
1.003 14.753
4/18/2016 2:30:00 PM 522000.000 13.130 17.670 29.928
8510.106 9895.474 5.623 6728.923 117.507
1.003 14.753
4/18/2016 2:35:00 PM 522300.000 13.125 17.670 29.915
8508.589 9893.729 5.622 6727.736 117.528
1.003 14.753
4/18/2016 2:40:00 PM 522600.000 13.129 17.671 29.925
8507.399 9892.193 5.621 6726.692 117.545
1.003 14.752
4/18/2016 2:45:00 PM 522900.000 13.125 17.671 29.916
8509.896 9895.019 5.623 6728.613 117.510
1.003 14.752
4/18/2016 2:50:00 PM 523200.000 13.125 17.670 29.917
8508.374 9893.386 5.622 6727.503 117.531
1.003 14.752
4/18/2016 2:55:00 PM 523500.000 13.124 17.671 29.914
8510.092 9895.305 5.623 6728.808 117.508
1.003 14.752
4/18/2016 3:00:00 PM 523800.000 13.123 17.670 29.912
8509.021 9894.175 5.623 6728.039 117.522
1.003 14.752
4/18/2016 3:05:00 PM 524100.000 13.131 17.670 29.929
8511.101 9896.650 5.624 6729.723 117.494
1.003 14.751
4/18/2016 3:10:00 PM 524400.000 13.125 17.670 29.916
8512.277 9897.924 5.625 6730.589 117.477
1.003 14.750
4/18/2016 3:15:00 PM 524700.000 13.125 17.671 29.915
8509.639 9894.817 5.623 6728.477 117.514
1.003 14.749

4/18/2016 3:20:00 PM 525000.000 13.124 17.670 29.913
8513.729 9899.649 5.626 6731.762 117.457
1.003 14.750
4/18/2016 3:25:00 PM 525300.000 13.127 17.671 29.919
8514.411 9900.347 5.626 6732.236 117.448
1.003 14.751
4/18/2016 3:30:00 PM 525600.000 13.125 17.670 29.916
8510.438 9895.786 5.624 6729.135 117.503
1.003 14.752
4/18/2016 3:35:00 PM 525900.000 13.123 17.670 29.911
8514.099 9900.042 5.626 6732.029 117.452
1.003 14.752
4/18/2016 3:40:00 PM 526200.000 13.126 17.670 29.918
8514.112 9900.132 5.626 6732.090 117.452
1.003 14.753
4/18/2016 3:45:00 PM 526500.000 13.120 17.671 29.906
8516.534 9902.815 5.628 6733.915 117.419
1.003 14.753
4/18/2016 3:50:00 PM 526800.000 13.121 17.671 29.907
8516.980 9903.334 5.628 6734.267 117.413
1.003 14.753
4/18/2016 3:55:00 PM 527100.000 13.121 17.670 29.908
8515.979 9902.228 5.628 6733.515 117.426
1.003 14.753
4/18/2016 4:00:00 PM 527400.000 13.126 17.670 29.918
8516.982 9903.412 5.628 6734.321 117.412
1.003 14.753
4/18/2016 4:05:00 PM 527700.000 13.121 17.670 29.908
8520.341 9907.337 5.631 6736.989 117.366
1.003 14.754
4/18/2016 4:10:00 PM 528000.000 13.124 17.671 29.914
8523.025 9910.383 5.633 6739.061 117.329
1.003 14.754
4/18/2016 4:15:00 PM 528300.000 13.123 17.671 29.911
8523.720 9911.134 5.633 6739.572 117.320
1.003 14.755
4/18/2016 4:20:00 PM 528600.000 13.122 17.671 29.909
8526.104 9913.964 5.635 6741.496 117.287
1.003 14.755
4/18/2016 4:25:00 PM 528900.000 13.119 17.671 29.902
8524.483 9912.078 5.634 6740.214 117.309
1.003 14.755
4/18/2016 4:30:00 PM 529200.000 13.119 17.671 29.903
8523.076 9910.345 5.633 6739.035 117.329
1.003 14.755
4/18/2016 4:35:00 PM 529500.000 13.120 17.670 29.905
8523.715 9911.261 5.633 6739.657 117.320
1.003 14.754
4/18/2016 4:40:00 PM 529800.000 13.122 17.670 29.908
8521.713 9908.913 5.632 6738.062 117.347
1.003 14.752
4/18/2016 4:45:00 PM 530100.000 13.126 17.670 29.919
8522.298 9909.634 5.632 6738.552 117.339
1.003 14.751
4/18/2016 4:50:00 PM 530400.000 13.120 17.671 29.904
8522.350 9909.614 5.632 6738.538 117.339
1.003 14.753

4/18/2016 4:55:00 PM	530700.000	13.121	17.671	29.907	
8522.820	9910.088	5.632	6738.860	117.332	
1.003	14.754				
4/18/2016 5:00:00 PM	531000.000	13.116	17.671	29.895	
8524.866	9912.504	5.634	6740.503	117.304	
1.003	14.756				
4/18/2016 5:05:00 PM	531300.000	13.115	17.670	29.894	
8523.839	9911.482	5.633	6739.809	117.318	
1.003	14.756				
4/18/2016 5:10:00 PM	531600.000	13.117	17.671	29.897	
8526.786	9914.699	5.635	6741.996	117.277	
1.003	14.756				
4/18/2016 5:15:00 PM	531900.000	13.116	17.670	29.895	
8528.549	9916.902	5.637	6743.494	117.253	
1.003	14.756				
4/18/2016 5:20:00 PM	532200.000	13.119	17.670	29.903	
8529.167	9917.580	5.637	6743.955	117.245	
1.003	14.752				
4/18/2016 5:25:00 PM	532500.000	13.122	17.671	29.909	
8527.237	9915.261	5.636	6742.378	117.271	
1.003	14.748				
4/18/2016 5:30:00 PM	532800.000	13.125	17.670	29.916	
8530.664	9919.341	5.638	6745.152	117.224	
1.003	14.745				
4/18/2016 5:35:00 PM	533100.000	13.124	17.670	29.914	
8529.456	9917.916	5.637	6744.184	117.241	
1.003	14.748				
4/18/2016 5:40:00 PM	533400.000	13.117	17.670	29.898	
8530.244	9918.873	5.638	6744.834	117.230	
1.003	14.750				
4/18/2016 5:45:00 PM	533700.000	13.112	17.671	29.886	
8534.045	9923.196	5.640	6747.773	117.178	
1.003	14.753				
4/18/2016 5:50:00 PM	534000.000	13.117	17.670	29.897	
8532.330	9921.315	5.639	6746.495	117.201	
1.003	14.753				
4/18/2016 5:55:00 PM	534300.000	13.118	17.671	29.899	
8536.332	9925.836	5.642	6749.568	117.146	
1.003	14.753				
4/18/2016 6:00:00 PM	534600.000	13.111	17.670	29.885	
8533.264	9922.344	5.640	6747.194	117.188	
1.003	14.753				
4/18/2016 6:05:00 PM	534900.000	13.117	17.671	29.898	
8537.437	9927.157	5.643	6750.467	117.131	
1.003	14.749				
4/18/2016 6:10:00 PM	535200.000	13.118	17.670	29.899	
8534.858	9924.181	5.641	6748.443	117.167	
1.003	14.746				
4/18/2016 6:15:00 PM	535500.000	13.126	17.671	29.917	
8539.624	9929.684	5.644	6752.186	117.101	
1.003	14.742				
4/18/2016 6:20:00 PM	535800.000	13.124	17.671	29.914	
8539.908	9929.957	5.645	6752.371	117.097	
1.003	14.744				
4/18/2016 6:25:00 PM	536100.000	13.117	17.670	29.897	
8541.930	9932.403	5.646	6754.035	117.070	
1.003	14.745				

4/18/2016 6:30:00 PM	536400.000	13.112	17.671	29.887
8541.929	9932.307	5.646	6753.969	117.070
1.003	14.747			
4/18/2016 6:35:00 PM	536700.000	13.115	17.670	29.892
8542.156	9932.667	5.646	6754.214	117.066
1.003	14.745			
4/18/2016 6:40:00 PM	537000.000	13.117	17.671	29.897
8540.731	9930.988	5.645	6753.073	117.086
1.003	14.744			
4/18/2016 6:45:00 PM	537300.000	13.118	17.671	29.899
8542.210	9932.634	5.646	6754.191	117.066
1.003	14.742			
4/18/2016 6:50:00 PM	537600.000	13.116	17.670	29.895
8546.617	9937.912	5.649	6757.781	117.005
1.003	14.743			
4/18/2016 6:55:00 PM	537900.000	13.115	17.671	29.894
8546.358	9937.515	5.649	6757.511	117.009
1.003	14.744			
4/18/2016 7:00:00 PM	538200.000	13.120	17.671	29.904
8546.119	9937.139	5.649	6757.254	117.012
1.003	14.745			
4/18/2016 7:05:00 PM	538500.000	13.116	17.671	29.895
8547.181	9938.413	5.650	6758.122	116.998
1.003	14.745			
4/18/2016 7:10:00 PM	538800.000	13.114	17.670	29.891
8547.118	9938.494	5.650	6758.177	116.998
1.003	14.744			
4/18/2016 7:15:00 PM	539100.000	13.115	17.671	29.894
8549.411	9941.044	5.651	6759.911	116.967
1.003	14.743			
4/18/2016 7:20:00 PM	539400.000	13.114	17.670	29.891
8550.535	9942.427	5.652	6760.851	116.952
1.003	14.745			
4/18/2016 7:25:00 PM	539700.000	13.112	17.671	29.887
8546.790	9937.977	5.649	6757.824	117.003
1.003	14.746			
4/18/2016 7:30:00 PM	540000.000	13.113	17.671	29.888
8551.423	9943.363	5.653	6761.487	116.940
1.003	14.747			
4/18/2016 7:35:00 PM	540300.000	13.113	17.671	29.889
8552.738	9944.913	5.654	6762.542	116.922
1.003	14.747			
4/18/2016 7:40:00 PM	540600.000	13.112	17.671	29.887
8553.610	9945.927	5.654	6763.231	116.910
1.003	14.747			
4/18/2016 7:45:00 PM	540900.000	13.113	17.671	29.889
8553.489	9945.823	5.654	6763.160	116.911
1.003	14.747			
4/18/2016 7:50:00 PM	541200.000	13.113	17.671	29.888
8554.387	9946.850	5.655	6763.858	116.899
1.003	14.747			
4/18/2016 7:55:00 PM	541500.000	13.117	17.670	29.897
8554.421	9946.928	5.655	6763.911	116.899
1.003	14.747			
4/18/2016 8:00:00 PM	541800.000	13.113	17.670	29.889
8554.929	9947.613	5.655	6764.377	116.892
1.003	14.748			

4/18/2016 8:05:00 PM	542100.000	13.113	17.671	29.888	
8557.224	9950.128	5.657	6766.087	116.860	
1.003	14.748				
4/18/2016 8:10:00 PM	542400.000	13.110	17.671	29.881	
8554.446	9946.919	5.655	6763.905	116.898	
1.003	14.749				
4/18/2016 8:15:00 PM	542700.000	13.115	17.670	29.894	
8555.673	9948.499	5.656	6764.980	116.882	
1.003	14.750				
4/18/2016 8:20:00 PM	543000.000	13.117	17.670	29.899	
8558.493	9951.795	5.658	6767.221	116.843	
1.003	14.750				
4/18/2016 8:25:00 PM	543300.000	13.112	17.671	29.887	
8559.995	9953.331	5.659	6768.265	116.822	
1.003	14.750				
4/18/2016 8:30:00 PM	543600.000	13.113	17.671	29.890	
8559.282	9952.502	5.658	6767.702	116.832	
1.003	14.750				
4/18/2016 8:35:00 PM	543900.000	13.113	17.670	29.888	
8557.878	9950.984	5.657	6766.670	116.851	
1.003	14.749				
4/18/2016 8:40:00 PM	544200.000	13.113	17.670	29.889	
8557.786	9950.858	5.657	6766.584	116.853	
1.003	14.748				
4/18/2016 8:45:00 PM	544500.000	13.119	17.671	29.902	
8561.391	9955.011	5.660	6769.408	116.803	
1.003	14.747				
4/18/2016 8:50:00 PM	544800.000	13.115	17.670	29.893	
8561.082	9954.690	5.660	6769.190	116.808	
1.003	14.747				
4/18/2016 8:55:00 PM	545100.000	13.115	17.671	29.892	
8563.070	9956.868	5.661	6770.671	116.781	
1.003	14.747				
4/18/2016 9:00:00 PM	545400.000	13.116	17.671	29.895	
8563.603	9957.545	5.661	6771.131	116.773	
1.003	14.747				
4/18/2016 9:05:00 PM	545700.000	13.113	17.670	29.889	
8565.284	9959.560	5.663	6772.501	116.750	
1.003	14.749				
4/18/2016 9:10:00 PM	546000.000	13.115	17.671	29.894	
8563.820	9957.778	5.662	6771.290	116.770	
1.003	14.751				
4/18/2016 9:15:00 PM	546300.000	13.107	17.671	29.876	
8562.245	9955.930	5.660	6770.032	116.792	
1.003	14.753				
4/18/2016 9:20:00 PM	546600.000	13.109	17.671	29.881	
8566.218	9960.606	5.663	6773.213	116.738	
1.003	14.753				
4/18/2016 9:25:00 PM	546900.000	13.114	17.671	29.890	
8567.689	9962.298	5.664	6774.363	116.718	
1.003	14.753				
4/18/2016 9:30:00 PM	547200.000	13.110	17.671	29.881	
8566.968	9961.421	5.664	6773.767	116.727	
1.003	14.754				
4/18/2016 9:35:00 PM	547500.000	13.110	17.671	29.883	
8568.925	9963.754	5.665	6775.353	116.701	
1.003	14.754				

4/18/2016 9:40:00 PM	547800.000	13.113	17.671	29.889	
8569.888	9964.834	5.666	6776.088	116.688	
1.003	14.754				
4/18/2016 9:45:00 PM	548100.000	13.109	17.671	29.880	
8567.127	9961.606	5.664	6773.893	116.725	
1.003	14.754				
4/18/2016 9:50:00 PM	548400.000	13.114	17.671	29.891	
8568.626	9963.424	5.665	6775.129	116.705	
1.003	14.754				
4/18/2016 9:55:00 PM	548700.000	13.114	17.671	29.891	
8571.052	9966.228	5.667	6777.035	116.672	
1.003	14.753				
4/18/2016 10:00:00 PM	549000.000	13.110	17.671	29.881	
8570.071	9965.047	5.666	6776.232	116.685	
1.003	14.753				
4/18/2016 10:05:00 PM	549300.000	13.114	17.671	29.890	
8573.000	9968.436	5.668	6778.536	116.645	
1.003	14.754				
4/18/2016 10:10:00 PM	549600.000	13.109	17.671	29.879	
8574.853	9970.606	5.669	6780.013	116.620	
1.003	14.755				
4/18/2016 10:15:00 PM	549900.000	13.106	17.671	29.873	
8572.797	9968.141	5.668	6778.336	116.648	
1.003	14.756				
4/18/2016 10:20:00 PM	550200.000	13.107	17.671	29.874	
8574.081	9969.767	5.669	6779.442	116.631	
1.003	14.755				
4/18/2016 10:25:00 PM	550500.000	13.112	17.671	29.886	
8575.759	9971.622	5.670	6780.704	116.608	
1.003	14.755				
4/18/2016 10:30:00 PM	550800.000	13.107	17.671	29.874	
8576.520	9972.506	5.671	6781.304	116.597	
1.003	14.754				
4/18/2016 10:35:00 PM	551100.000	13.113	17.671	29.889	
8577.722	9973.926	5.671	6782.270	116.581	
1.003	14.754				
4/18/2016 10:40:00 PM	551400.000	13.112	17.670	29.887	
8578.388	9974.813	5.672	6782.873	116.572	
1.003	14.754				
4/18/2016 10:45:00 PM	551700.000	13.107	17.671	29.876	
8577.617	9973.879	5.671	6782.238	116.582	
1.003	14.754				
4/18/2016 10:50:00 PM	552000.000	13.106	17.671	29.873	
8580.002	9976.614	5.673	6784.098	116.550	
1.003	14.755				
4/18/2016 10:55:00 PM	552300.000	13.106	17.671	29.873	
8577.809	9973.985	5.671	6782.311	116.580	
1.003	14.757				
4/18/2016 11:00:00 PM	552600.000	13.109	17.671	29.879	
8593.612	9992.420	5.683	6794.846	116.366	
1.003	14.758				
4/18/2016 11:05:00 PM	552900.000	13.110	17.670	29.882	
8615.765	10018.332	5.699	6812.466	116.066	
1.003	14.757				
4/18/2016 11:10:00 PM	553200.000	13.106	17.670	29.873	
8647.386	10055.063	5.721	6837.444	115.642	
1.003	14.755				

4/18/2016 11:15:00 PM	553500.000	13.113	17.670	29.888
8671.963	10083.642	5.738	6856.877	115.314
1.003	14.753			
4/18/2016 11:20:00 PM	553800.000	13.109	17.671	29.879
8692.042	10106.892	5.753	6872.687	115.048
1.003	14.752			
4/18/2016 11:25:00 PM	554100.000	13.108	17.671	29.878
8709.833	10127.559	5.765	6886.740	114.813
1.003	14.751			
4/18/2016 11:30:00 PM	554400.000	13.115	17.670	29.893
8728.769	10149.674	5.779	6901.779	114.564
1.003	14.751			
4/18/2016 11:35:00 PM	554700.000	13.108	17.671	29.878
8741.683	10164.515	5.788	6911.871	114.394
1.003	14.750			
4/18/2016 11:40:00 PM	555000.000	13.110	17.671	29.881
8756.522	10181.848	5.799	6923.656	114.201
1.003	14.750			
4/18/2016 11:45:00 PM	555300.000	13.107	17.671	29.875
8771.353	10199.112	5.809	6935.396	114.007
1.003	14.749			
4/18/2016 11:50:00 PM	555600.000	13.108	17.671	29.878
8784.381	10214.102	5.818	6945.589	113.838
1.003	14.748			
4/18/2016 11:55:00 PM	555900.000	13.113	17.671	29.890
8796.825	10228.611	5.827	6955.456	113.677
1.003	14.747			
4/19/2016 12:00:00 AM	556200.000	13.110	17.671	29.881
8807.621	10241.186	5.835	6964.007	113.538
1.003	14.745			
4/19/2016 12:05:00 AM	556500.000	13.111	17.671	29.884
8819.257	10254.733	5.843	6973.219	113.388
1.003	14.746			
4/19/2016 12:10:00 AM	556800.000	13.108	17.670	29.878
8828.925	10266.214	5.850	6981.026	113.264
1.003	14.747			
4/19/2016 12:15:00 AM	557100.000	13.106	17.670	29.874
8837.454	10276.034	5.856	6987.703	113.155
1.003	14.748			
4/19/2016 12:20:00 AM	557400.000	13.113	17.671	29.888
8846.547	10286.426	5.863	6994.770	113.038
1.003	14.748			
4/19/2016 12:25:00 AM	557700.000	13.106	17.670	29.872
8851.502	10292.386	5.866	6998.823	112.975
1.003	14.748			
4/19/2016 12:30:00 AM	558000.000	13.105	17.671	29.871
8861.222	10303.472	5.873	7006.361	112.851
1.003	14.748			
4/19/2016 12:35:00 AM	558300.000	13.108	17.671	29.877
8867.764	10311.096	5.878	7011.545	112.768
1.003	14.747			
4/19/2016 12:40:00 AM	558600.000	13.108	17.671	29.876
8876.172	10320.955	5.884	7018.250	112.661
1.003	14.746			
4/19/2016 12:45:00 AM	558900.000	13.108	17.671	29.877
8884.104	10330.195	5.889	7024.533	112.561
1.003	14.745			

4/19/2016 12:50:00 AM 559200.000 13.110 17.671 29.881
8887.963 10334.623 5.892 7027.544 112.512
1.003 14.744
4/19/2016 12:55:00 AM 559500.000 13.115 17.671 29.893
8897.919 10346.280 5.899 7035.471 112.386
1.003 14.742
4/19/2016 1:00:00 AM 559800.000 13.112 17.671 29.885
8902.380 10351.488 5.902 7039.012 112.330
1.003 14.741
4/19/2016 1:05:00 AM 560100.000 13.111 17.671 29.884
8908.995 10359.099 5.907 7044.188 112.246
1.003 14.742
4/19/2016 1:10:00 AM 560400.000 13.109 17.672 29.880
8915.820 10366.914 5.912 7049.502 112.160
1.003 14.744
4/19/2016 1:15:00 AM 560700.000 13.107 17.671 29.874
8920.196 10372.163 5.915 7053.071 112.105
1.003 14.745
4/19/2016 1:20:00 AM 561000.000 13.115 17.670 29.892
8925.236 10378.166 5.919 7057.153 112.042
1.003 14.742
4/19/2016 1:25:00 AM 561300.000 13.112 17.671 29.886
8929.258 10382.581 5.922 7060.155 111.991
1.003 14.739
4/19/2016 1:30:00 AM 561600.000 13.113 17.671 29.889
8935.769 10390.151 5.926 7065.303 111.910
1.003 14.736
4/19/2016 1:35:00 AM 561900.000 13.117 17.671 29.897
8937.409 10392.159 5.927 7066.669 111.889
1.003 14.737
4/19/2016 1:40:00 AM 562200.000 13.117 17.671 29.897
8942.826 10398.358 5.931 7070.884 111.821
1.003 14.737
4/19/2016 1:45:00 AM 562500.000 13.113 17.671 29.888
8946.678 10402.813 5.934 7073.914 111.773
1.003 14.738
4/19/2016 1:50:00 AM 562800.000 13.114 17.671 29.890
8950.385 10407.205 5.937 7076.899 111.727
1.003 14.737
4/19/2016 1:55:00 AM 563100.000 13.114 17.670 29.890
8953.204 10410.644 5.939 7079.238 111.692
1.003 14.736
4/19/2016 2:00:00 AM 563400.000 13.114 17.671 29.891
8960.683 10419.239 5.944 7085.083 111.599
1.003 14.735
4/19/2016 2:05:00 AM 563700.000 13.114 17.671 29.890
8961.538 10420.115 5.945 7085.679 111.588
1.003 14.738
4/19/2016 2:10:00 AM 564000.000 13.108 17.671 29.876
8965.646 10424.909 5.948 7088.938 111.537
1.003 14.741
4/19/2016 2:15:00 AM 564300.000 13.105 17.671 29.870
8969.799 10429.778 5.950 7092.250 111.485
1.003 14.744
4/19/2016 2:20:00 AM 564600.000 13.107 17.671 29.876
8969.483 10429.532 5.950 7092.083 111.489
1.003 14.741

4/19/2016 2:25:00 AM	564900.000	13.112	17.672	29.885
8977.261	10438.354	5.956	7098.082	111.393
1.003	14.738			
4/19/2016 2:30:00 AM	565200.000	13.118	17.671	29.901
8977.435	10438.778	5.956	7098.370	111.390
1.003	14.734			
4/19/2016 2:35:00 AM	565500.000	13.117	17.671	29.899
8982.491	10444.456	5.959	7102.230	111.328
1.003	14.736			
4/19/2016 2:40:00 AM	565800.000	13.116	17.671	29.895
8985.834	10448.467	5.962	7104.958	111.286
1.003	14.737			
4/19/2016 2:45:00 AM	566100.000	13.109	17.671	29.880
8987.103	10450.002	5.963	7106.002	111.271
1.003	14.738			
4/19/2016 2:50:00 AM	566400.000	13.111	17.671	29.884
8990.558	10453.876	5.965	7108.636	111.228
1.003	14.736			
4/19/2016 2:55:00 AM	566700.000	13.116	17.671	29.897
8988.814	10451.890	5.964	7107.286	111.249
1.003	14.734			
4/19/2016 3:00:00 AM	567000.000	13.113	17.671	29.888
8993.536	10457.339	5.967	7110.991	111.191
1.003	14.733			
4/19/2016 3:05:00 AM	567300.000	13.118	17.670	29.900
8995.105	10459.348	5.969	7112.356	111.172
1.003	14.730			
4/19/2016 3:10:00 AM	567600.000	13.117	17.670	29.898
8998.036	10462.834	5.971	7114.728	111.135
1.003	14.728			
4/19/2016 3:15:00 AM	567900.000	13.123	17.671	29.911
9001.129	10466.290	5.973	7117.077	111.097
1.003	14.726			
4/19/2016 3:20:00 AM	568200.000	13.119	17.671	29.902
9001.080	10466.111	5.973	7116.956	111.098
1.003	14.727			
4/19/2016 3:25:00 AM	568500.000	13.119	17.671	29.901
9003.728	10469.148	5.975	7119.021	111.065
1.003	14.727			
4/19/2016 3:30:00 AM	568800.000	13.119	17.671	29.902
9002.712	10468.170	5.974	7118.356	111.078
1.003	14.727			
4/19/2016 3:35:00 AM	569100.000	13.118	17.671	29.899
9003.378	10468.823	5.974	7118.800	111.069
1.003	14.729			
4/19/2016 3:40:00 AM	569400.000	13.118	17.672	29.899
9005.248	10470.897	5.976	7120.210	111.046
1.003	14.730			
4/19/2016 3:45:00 AM	569700.000	13.115	17.671	29.893
9008.210	10474.523	5.978	7122.676	111.010
1.003	14.731			
4/19/2016 3:50:00 AM	570000.000	13.116	17.671	29.895
9010.255	10476.901	5.979	7124.293	110.985
1.003	14.733			
4/19/2016 3:55:00 AM	570300.000	13.110	17.670	29.883
9012.619	10479.713	5.981	7126.206	110.956
1.003	14.736			

4/19/2016 4:00:00 AM	570600.000	13.107	17.671	29.875	
9010.320	10476.957	5.979	7124.332	110.984	
1.003	14.738				
4/19/2016 4:05:00 AM	570900.000	13.110	17.670	29.882	
9014.554	10481.980	5.983	7127.747	110.932	
1.003	14.735				
4/19/2016 4:10:00 AM	571200.000	13.112	17.671	29.886	
9013.393	10480.449	5.982	7126.706	110.946	
1.003	14.733				
4/19/2016 4:15:00 AM	571500.000	13.117	17.671	29.898	
9012.016	10478.826	5.981	7125.602	110.963	
1.003	14.730				
4/19/2016 4:20:00 AM	571800.000	13.118	17.671	29.901	
9016.422	10483.990	5.984	7129.114	110.909	
1.003	14.726				
4/19/2016 4:25:00 AM	572100.000	13.125	17.670	29.915	
9013.127	10480.303	5.981	7126.606	110.949	
1.003	14.723				
4/19/2016 4:30:00 AM	572400.000	13.128	17.671	29.923	
9001.698	10466.870	5.973	7117.472	111.090	
1.003	14.719				
4/19/2016 4:35:00 AM	572700.000	13.119	17.670	29.902	
8990.414	10453.932	5.965	7108.674	111.230	
1.003	14.722				
4/19/2016 4:40:00 AM	573000.000	13.120	17.671	29.904	
8964.854	10424.050	5.947	7088.354	111.547	
1.003	14.724				
4/19/2016 4:45:00 AM	573300.000	13.114	17.671	29.890	
8949.113	10405.686	5.936	7075.867	111.743	
1.003	14.727				
4/19/2016 4:50:00 AM	573600.000	13.120	17.671	29.904	
8929.021	10382.364	5.921	7060.008	111.994	
1.003	14.725				
4/19/2016 4:55:00 AM	573900.000	13.115	17.671	29.893	
8913.493	10364.269	5.910	7047.703	112.189	
1.003	14.724				
4/19/2016 5:00:00 AM	574200.000	13.120	17.671	29.905	
8895.435	10343.311	5.897	7033.452	112.417	
1.003	14.723				
4/19/2016 5:05:00 AM	574500.000	13.116	17.670	29.896	
8883.061	10329.082	5.889	7023.776	112.574	
1.003	14.722				
4/19/2016 5:10:00 AM	574800.000	13.117	17.670	29.898	
8870.488	10314.505	5.880	7013.864	112.733	
1.003	14.722				
4/19/2016 5:15:00 AM	575100.000	13.115	17.672	29.894	
8855.567	10296.855	5.869	7001.862	112.923	
1.003	14.722				
4/19/2016 5:20:00 AM	575400.000	13.121	17.671	29.907	
8844.596	10284.140	5.861	6993.215	113.063	
1.003	14.721				
4/19/2016 5:25:00 AM	575700.000	13.117	17.671	29.897	
8833.637	10271.573	5.853	6984.670	113.204	
1.003	14.721				
4/19/2016 5:30:00 AM	576000.000	13.116	17.671	29.895	
8824.766	10261.100	5.847	6977.548	113.317	
1.003	14.720				

4/19/2016 5:35:00 AM	576300.000	13.115	17.672	29.894	
8812.907	10247.192	5.839	6968.091	113.470	
1.003	14.719				
4/19/2016 5:40:00 AM	576600.000	13.122	17.670	29.908	
8802.577	10235.518	5.831	6960.152	113.603	
1.003	14.719				
4/19/2016 5:45:00 AM	576900.000	13.122	17.671	29.909	
8795.625	10227.335	5.826	6954.588	113.693	
1.003	14.718				
4/19/2016 5:50:00 AM	577200.000	13.120	17.671	29.904	
8789.864	10220.675	5.822	6950.060	113.767	
1.003	14.715				
4/19/2016 5:55:00 AM	577500.000	13.121	17.671	29.908	
8777.966	10206.741	5.814	6940.584	113.922	
1.003	14.713				
4/19/2016 6:00:00 AM	577800.000	13.131	17.671	29.929	
8775.338	10203.708	5.812	6938.522	113.956	
1.003	14.710				
4/19/2016 6:05:00 AM	578100.000	13.127	17.671	29.920	
8765.233	10191.977	5.805	6930.544	114.087	
1.003	14.712				
4/19/2016 6:10:00 AM	578400.000	13.123	17.671	29.912	
8759.264	10185.076	5.801	6925.853	114.165	
1.003	14.714				
4/19/2016 6:15:00 AM	578700.000	13.115	17.671	29.893	
8752.814	10177.477	5.796	6920.685	114.249	
1.003	14.717				
4/19/2016 6:20:00 AM	579000.000	13.116	17.671	29.896	
8744.727	10168.072	5.790	6914.290	114.355	
1.003	14.715				
4/19/2016 6:25:00 AM	579300.000	13.118	17.671	29.901	
8738.971	10161.421	5.786	6909.767	114.430	
1.003	14.714				
4/19/2016 6:30:00 AM	579600.000	13.119	17.671	29.902	
8733.595	10155.246	5.782	6905.568	114.500	
1.003	14.712				
4/19/2016 6:35:00 AM	579900.000	13.118	17.671	29.900	
8723.774	10143.710	5.775	6897.723	114.629	
1.003	14.712				
4/19/2016 6:40:00 AM	580200.000	13.118	17.670	29.901	
8717.551	10136.612	5.771	6892.896	114.711	
1.003	14.713				
4/19/2016 6:45:00 AM	580500.000	13.123	17.670	29.910	
8712.048	10130.214	5.767	6888.545	114.784	
1.003	14.713				
4/19/2016 6:50:00 AM	580800.000	13.124	17.671	29.914	
8705.510	10122.590	5.762	6883.362	114.870	
1.003	14.712				
4/19/2016 6:55:00 AM	581100.000	13.126	17.671	29.918	
8697.900	10113.741	5.757	6877.345	114.970	
1.003	14.712				
4/19/2016 7:00:00 AM	581400.000	13.126	17.671	29.918	
8696.824	10112.354	5.756	6876.402	114.985	
1.003	14.711				
4/19/2016 7:05:00 AM	581700.000	13.118	17.671	29.900	
8688.413	10102.692	5.750	6869.832	115.096	
1.003	14.714				

4/19/2016 7:10:00 AM 582000.000 13.114 17.671 29.891
8683.973 10097.509 5.747 6866.306 115.155
1.003 14.717
4/19/2016 7:15:00 AM 582300.000 13.114 17.670 29.890
8677.045 10089.513 5.742 6860.869 115.247
1.003 14.719
4/19/2016 7:20:00 AM 582600.000 13.118 17.670 29.900
8675.331 10087.537 5.741 6859.526 115.269
1.003 14.718
4/19/2016 7:25:00 AM 582900.000 13.120 17.670 29.905
8667.607 10078.614 5.735 6853.458 115.372
1.003 14.716
4/19/2016 7:30:00 AM 583200.000 13.121 17.670 29.907
8665.589 10076.229 5.734 6851.836 115.399
1.003 14.714
4/19/2016 7:35:00 AM 583500.000 13.122 17.671 29.909
8658.799 10068.237 5.729 6846.402 115.489
1.003 14.713
4/19/2016 7:40:00 AM 583800.000 13.121 17.671 29.906
8651.437 10059.714 5.724 6840.606 115.588
1.003 14.712
4/19/2016 7:45:00 AM 584100.000 13.121 17.671 29.907
8653.515 10062.113 5.725 6842.237 115.560
1.003 14.711
4/19/2016 7:50:00 AM 584400.000 13.119 17.670 29.902
8645.918 10053.319 5.720 6836.257 115.662
1.003 14.711
4/19/2016 7:55:00 AM 584700.000 13.118 17.671 29.901
8641.606 10048.227 5.717 6832.794 115.719
1.003 14.711
4/19/2016 8:00:00 AM 585000.000 13.122 17.671 29.908
8639.917 10046.302 5.716 6831.486 115.742
1.003 14.712
4/19/2016 8:05:00 AM 585300.000 13.116 17.671 29.896
8635.528 10041.179 5.712 6828.002 115.801
1.003 14.713
4/19/2016 8:10:00 AM 585600.000 13.114 17.670 29.891
8633.170 10038.612 5.711 6826.257 115.832
1.003 14.714
4/19/2016 8:15:00 AM 585900.000 13.114 17.671 29.890
8627.309 10031.621 5.707 6821.503 115.911
1.003 14.715
4/19/2016 8:20:00 AM 586200.000 13.115 17.671 29.893
8624.563 10028.430 5.705 6819.332 115.948
1.003 14.715
4/19/2016 8:25:00 AM 586500.000 13.114 17.670 29.892
8621.126 10024.550 5.702 6816.694 115.994
1.003 14.715
4/19/2016 8:30:00 AM 586800.000 13.115 17.670 29.892
8618.509 10021.448 5.700 6814.585 116.029
1.003 14.715
4/19/2016 8:35:00 AM 587100.000 13.115 17.671 29.892
8616.876 10019.511 5.699 6813.268 116.051
1.003 14.714
4/19/2016 8:40:00 AM 587400.000 13.116 17.671 29.896
8612.655 10014.620 5.696 6809.942 116.108
1.003 14.712

4/19/2016 8:45:00 AM 587700.000 13.117 17.671 29.899
8608.132 10009.303 5.693 6806.326 116.169
1.003 14.711
4/19/2016 8:50:00 AM 588000.000 13.117 17.670 29.898
8605.370 10006.188 5.691 6804.208 116.207
1.003 14.713
4/19/2016 8:55:00 AM 588300.000 13.119 17.671 29.903
8606.882 10007.811 5.692 6805.311 116.186
1.003 14.714
4/19/2016 9:00:00 AM 588600.000 13.113 17.671 29.889
8600.059 9999.936 5.687 6799.957 116.278
1.003 14.716
4/19/2016 9:05:00 AM 588900.000 13.116 17.671 29.895
8601.289 10001.232 5.688 6800.838 116.262
1.003 14.716
4/19/2016 9:10:00 AM 589200.000 13.116 17.671 29.895
8598.270 9997.818 5.686 6798.517 116.302
1.003 14.716
4/19/2016 9:15:00 AM 589500.000 13.111 17.671 29.885
8596.609 9995.829 5.685 6797.165 116.325
1.003 14.716
4/19/2016 9:20:00 AM 589800.000 13.113 17.671 29.889
8596.637 9995.879 5.685 6797.198 116.325
1.003 14.716
4/19/2016 9:25:00 AM 590100.000 13.118 17.671 29.899
8595.539 9994.584 5.684 6796.317 116.339
1.003 14.715
4/19/2016 9:30:00 AM 590400.000 13.118 17.671 29.900
8594.229 9993.157 5.683 6795.348 116.357
1.003 14.715
4/19/2016 9:35:00 AM 590700.000 13.115 17.671 29.894
8591.227 9989.588 5.681 6792.920 116.398
1.003 14.715
4/19/2016 9:40:00 AM 591000.000 13.120 17.671 29.904
8589.011 9987.052 5.679 6791.196 116.428
1.003 14.714
4/19/2016 9:45:00 AM 591300.000 13.118 17.670 29.901
8589.478 9987.807 5.680 6791.709 116.422
1.003 14.713
4/19/2016 9:50:00 AM 591600.000 13.112 17.671 29.887
8587.899 9985.817 5.679 6790.356 116.443
1.003 14.715
4/19/2016 9:55:00 AM 591900.000 13.115 17.671 29.893
8587.413 9985.252 5.678 6789.971 116.450
1.003 14.717
4/19/2016 10:00:00 AM 592200.000 13.107 17.671 29.874
8586.880 9984.574 5.678 6789.511 116.457
1.003 14.719
4/19/2016 10:05:00 AM 592500.000 13.113 17.670 29.888
8586.949 9984.769 5.678 6789.643 116.456
1.003 14.719
4/19/2016 10:10:00 AM 592800.000 13.111 17.670 29.884
8583.153 9980.354 5.675 6786.642 116.507
1.003 14.719
4/19/2016 10:15:00 AM 593100.000 13.108 17.671 29.877
8582.212 9979.125 5.675 6785.806 116.520
1.003 14.720

4/19/2016 10:20:00 AM 593400.000 13.108 17.671 29.877
8583.263 9980.426 5.675 6786.690 116.506
1.003 14.719
4/19/2016 10:25:00 AM 593700.000 13.109 17.671 29.880
8586.908 9984.607 5.678 6789.534 116.456
1.003 14.718
4/19/2016 10:30:00 AM 594000.000 13.109 17.670 29.879
8582.292 9979.394 5.675 6785.988 116.519
1.003 14.718
4/19/2016 10:35:00 AM 594300.000 13.110 17.671 29.882
8580.490 9977.086 5.673 6784.418 116.543
1.003 14.718
4/19/2016 10:40:00 AM 594600.000 13.110 17.671 29.882
8584.576 9981.933 5.676 6787.714 116.488
1.003 14.718
4/19/2016 10:45:00 AM 594900.000 13.109 17.671 29.880
8584.276 9981.564 5.676 6787.464 116.492
1.003 14.717
4/19/2016 10:50:00 AM 595200.000 13.114 17.671 29.891
8584.508 9981.854 5.676 6787.661 116.489
1.003 14.719
4/19/2016 10:55:00 AM 595500.000 13.107 17.670 29.876
8583.707 9980.981 5.676 6787.068 116.500
1.003 14.720
4/19/2016 11:00:00 AM 595800.000 13.110 17.671 29.882
8582.717 9979.809 5.675 6786.270 116.513
1.003 14.722
4/19/2016 11:05:00 AM 596100.000 13.106 17.671 29.873
8588.822 9986.891 5.679 6791.086 116.430
1.003 14.721
4/19/2016 11:10:00 AM 596400.000 13.106 17.671 29.873
8584.983 9982.406 5.677 6788.036 116.482
1.003 14.719
4/19/2016 11:15:00 AM 596700.000 13.109 17.671 29.879
8585.262 9982.710 5.677 6788.243 116.479
1.003 14.718
4/19/2016 11:20:00 AM 597000.000 13.111 17.671 29.885
8586.896 9984.593 5.678 6789.523 116.457
1.003 14.717
4/19/2016 11:25:00 AM 597300.000 13.113 17.670 29.889
8589.873 9988.168 5.680 6791.955 116.416
1.003 14.716
4/19/2016 11:30:00 AM 597600.000 13.116 17.671 29.896
8590.726 9989.005 5.681 6792.524 116.405
1.003 14.715
4/19/2016 11:35:00 AM 597900.000 13.114 17.671 29.890
8586.914 9984.632 5.678 6789.550 116.456
1.003 14.717
4/19/2016 11:40:00 AM 598200.000 13.108 17.670 29.878
8588.805 9986.926 5.679 6791.109 116.431
1.003 14.718
4/19/2016 11:45:00 AM 598500.000 13.106 17.671 29.872
8587.407 9985.205 5.678 6789.940 116.450
1.003 14.720
4/19/2016 11:50:00 AM 598800.000 13.106 17.671 29.873
8590.290 9988.577 5.680 6792.232 116.411
1.003 14.719

4/19/2016 11:55:00 AM 599100.000 13.106 17.671 29.874
8588.384 9986.302 5.679 6790.685 116.436
1.003 14.719
4/19/2016 12:00:00 PM 599400.000 13.106 17.672 29.873
8589.633 9987.600 5.680 6791.568 116.419
1.003 14.718
4/19/2016 12:05:00 PM 599700.000 13.111 17.671 29.885
8590.194 9988.429 5.680 6792.132 116.412
1.003 14.719
4/19/2016 12:10:00 PM 600000.000 13.110 17.671 29.883
8587.776 9985.617 5.679 6790.220 116.445
1.003 14.719
4/19/2016 12:15:00 PM 600300.000 13.103 17.670 29.865
8587.499 9985.448 5.678 6790.105 116.448
1.003 14.720
4/19/2016 12:20:00 PM 600600.000 13.109 17.670 29.879
8589.110 9987.264 5.680 6791.340 116.426
1.003 14.718
4/19/2016 12:25:00 PM 600900.000 13.112 17.670 29.887
8591.891 9990.515 5.682 6793.550 116.389
1.003 14.715
4/19/2016 12:30:00 PM 601200.000 13.113 17.671 29.888
8589.607 9987.746 5.680 6791.668 116.420
1.003 14.713
4/19/2016 12:35:00 PM 601500.000 13.108 17.671 29.876
8591.124 9989.430 5.681 6792.813 116.399
1.003 14.714
4/19/2016 12:40:00 PM 601800.000 13.107 17.671 29.876
8592.504 9991.131 5.682 6793.970 116.381
1.003 14.714
4/19/2016 12:45:00 PM 602100.000 13.106 17.671 29.872
8589.569 9987.719 5.680 6791.649 116.420
1.003 14.714
4/19/2016 12:50:00 PM 602400.000 13.106 17.671 29.872
8593.119 9991.887 5.682 6794.483 116.372
1.003 14.714
4/19/2016 12:55:00 PM 602700.000 13.112 17.671 29.885
8592.706 9991.327 5.682 6794.103 116.378
1.003 14.713
4/19/2016 1:00:00 PM 603000.000 13.106 17.671 29.873
8593.329 9992.091 5.682 6794.623 116.369
1.003 14.713
4/19/2016 1:05:00 PM 603300.000 13.110 17.671 29.881
8591.473 9989.818 5.681 6793.077 116.394
1.003 14.714
4/19/2016 1:10:00 PM 603600.000 13.103 17.670 29.867
8592.813 9991.570 5.682 6794.269 116.376
1.003 14.715
4/19/2016 1:15:00 PM 603900.000 13.102 17.670 29.863
8596.564 9995.932 5.685 6797.233 116.326
1.003 14.716
4/19/2016 1:20:00 PM 604200.000 13.100 17.671 29.858
8593.206 9991.947 5.682 6794.525 116.371
1.003 14.716
4/19/2016 1:25:00 PM 604500.000 13.100 17.671 29.860
8593.522 9992.202 5.683 6794.698 116.367
1.003 14.717

4/19/2016 1:30:00 PM	604800.000	13.100	17.671	29.859
8594.302	9993.108	5.683	6795.314	116.356
1.003	14.717			
4/19/2016 1:35:00 PM	605100.000	13.099	17.671	29.858
8595.318	9994.424	5.684	6796.209	116.342
1.003	14.716			
4/19/2016 1:40:00 PM	605400.000	13.101	17.671	29.861
8595.257	9994.293	5.684	6796.120	116.343
1.003	14.715			
4/19/2016 1:45:00 PM	605700.000	13.104	17.671	29.867
8598.420	9998.067	5.686	6798.687	116.300
1.003	14.714			
4/19/2016 1:50:00 PM	606000.000	13.107	17.671	29.875
8598.094	9997.592	5.686	6798.363	116.305
1.003	14.714			
4/19/2016 1:55:00 PM	606300.000	13.107	17.671	29.875
8599.772	9999.623	5.687	6799.744	116.282
1.003	14.714			
4/19/2016 2:00:00 PM	606600.000	13.104	17.671	29.868
8599.765	9999.557	5.687	6799.699	116.282
1.003	14.714			
4/19/2016 2:05:00 PM	606900.000	13.102	17.670	29.863
8598.839	9998.576	5.686	6799.032	116.295
1.003	14.714			
4/19/2016 2:10:00 PM	607200.000	13.107	17.671	29.875
8599.792	9999.605	5.687	6799.732	116.282
1.003	14.715			
4/19/2016 2:15:00 PM	607500.000	13.102	17.671	29.863
8598.641	9998.287	5.686	6798.836	116.297
1.003	14.715			
4/19/2016 2:20:00 PM	607800.000	13.103	17.670	29.865
8597.890	9997.530	5.686	6798.321	116.308
1.003	14.715			
4/19/2016 2:25:00 PM	608100.000	13.109	17.671	29.879
8602.022	10002.123	5.689	6801.444	116.252
1.003	14.715			
4/19/2016 2:30:00 PM	608400.000	13.108	17.671	29.878
8597.875	9997.279	5.686	6798.150	116.308
1.003	14.714			
4/19/2016 2:35:00 PM	608700.000	13.108	17.671	29.878
8600.313	10000.153	5.687	6800.104	116.275
1.003	14.714			
4/19/2016 2:40:00 PM	609000.000	13.107	17.671	29.875
8599.606	9999.372	5.687	6799.573	116.284
1.003	14.714			
4/19/2016 2:45:00 PM	609300.000	13.101	17.671	29.862
8602.614	10002.944	5.689	6802.003	116.244
1.003	14.714			
4/19/2016 2:50:00 PM	609600.000	13.105	17.671	29.870
8600.890	10000.806	5.688	6800.548	116.267
1.003	14.715			
4/19/2016 2:55:00 PM	609900.000	13.101	17.671	29.860
8601.372	10001.404	5.688	6800.955	116.261
1.003	14.715			
4/19/2016 3:00:00 PM	610200.000	13.104	17.671	29.868
8601.931	10002.034	5.689	6801.383	116.253
1.003	14.715			

4/19/2016 3:05:00 PM	610500.000	13.099	17.671	29.857
8604.097	10004.475	5.690	6803.043	116.224
1.003	14.715			
4/19/2016 3:10:00 PM	610800.000	13.103	17.671	29.866
8603.313	10003.683	5.690	6802.504	116.234
1.003	14.715			
4/19/2016 3:15:00 PM	611100.000	13.099	17.671	29.857
8604.896	10005.405	5.691	6803.676	116.213
1.003	14.715			
4/19/2016 3:20:00 PM	611400.000	13.097	17.671	29.853
8603.266	10003.645	5.690	6802.479	116.235
1.003	14.713			
4/19/2016 3:25:00 PM	611700.000	13.100	17.671	29.859
8602.563	10002.788	5.689	6801.896	116.244
1.003	14.712			
4/19/2016 3:30:00 PM	612000.000	13.107	17.671	29.874
8604.456	10005.012	5.690	6803.409	116.219
1.003	14.710			
4/19/2016 3:35:00 PM	612300.000	13.101	17.671	29.860
8603.630	10004.051	5.690	6802.755	116.230
1.003	14.709			
4/19/2016 3:40:00 PM	612600.000	13.100	17.671	29.859
8608.194	10009.376	5.693	6806.376	116.168
1.003	14.708			
4/19/2016 3:45:00 PM	612900.000	13.106	17.671	29.874
8605.370	10006.092	5.691	6804.143	116.207
1.003	14.707			
4/19/2016 3:50:00 PM	613200.000	13.102	17.671	29.863
8606.307	10007.142	5.692	6804.857	116.194
1.003	14.706			
4/19/2016 3:55:00 PM	613500.000	13.106	17.671	29.874
8606.961	10007.924	5.692	6805.389	116.185
1.003	14.704			
4/19/2016 4:00:00 PM	613800.000	13.103	17.671	29.867
8610.044	10011.412	5.694	6807.761	116.143
1.003	14.702			
4/19/2016 4:05:00 PM	614100.000	13.106	17.671	29.872
8609.920	10011.402	5.694	6807.754	116.145
1.003	14.704			
4/19/2016 4:10:00 PM	614400.000	13.104	17.671	29.868
8612.414	10014.322	5.696	6809.740	116.111
1.003	14.705			
4/19/2016 4:15:00 PM	614700.000	13.095	17.671	29.847
8609.916	10011.339	5.694	6807.710	116.145
1.003	14.706			
4/19/2016 4:20:00 PM	615000.000	13.101	17.671	29.862
8612.504	10014.369	5.696	6809.771	116.110
1.003	14.704			
4/19/2016 4:25:00 PM	615300.000	13.097	17.671	29.852
8610.655	10012.161	5.695	6808.270	116.135
1.003	14.703			
4/19/2016 4:30:00 PM	615600.000	13.098	17.671	29.855
8613.043	10014.938	5.696	6810.158	116.103
1.003	14.701			
4/19/2016 4:35:00 PM	615900.000	13.099	17.671	29.857
8613.069	10015.044	5.697	6810.230	116.103
1.003	14.700			

4/19/2016 4:40:00 PM	616200.000	13.100	17.671	29.859	
8612.722	10014.601	5.696	6809.929	116.107	
1.003	14.700				
4/19/2016 4:45:00 PM	616500.000	13.098	17.671	29.855	
8613.707	10015.843	5.697	6810.773	116.094	
1.003	14.699				
4/19/2016 4:50:00 PM	616800.000	13.099	17.671	29.856	
8614.378	10016.452	5.697	6811.188	116.085	
1.003	14.698				
4/19/2016 4:55:00 PM	617100.000	13.103	17.671	29.865	
8617.716	10020.408	5.700	6813.877	116.040	
1.003	14.698				
4/19/2016 5:00:00 PM	617400.000	13.099	17.672	29.857	
8614.521	10016.578	5.697	6811.273	116.083	
1.003	14.697				
4/19/2016 5:05:00 PM	617700.000	13.096	17.671	29.851	
8616.902	10019.541	5.699	6813.288	116.051	
1.003	14.698				
4/19/2016 5:10:00 PM	618000.000	13.100	17.671	29.859	
8618.851	10021.767	5.701	6814.802	116.025	
1.003	14.699				
4/19/2016 5:15:00 PM	618300.000	13.094	17.671	29.846	
8615.904	10018.360	5.699	6812.486	116.064	
1.003	14.700				
4/19/2016 5:20:00 PM	618600.000	13.101	17.671	29.861	
8617.999	10020.759	5.700	6814.117	116.036	
1.003	14.696				
4/19/2016 5:25:00 PM	618900.000	13.099	17.671	29.857	
8616.660	10019.220	5.699	6813.070	116.054	
1.003	14.693				
4/19/2016 5:30:00 PM	619200.000	13.104	17.671	29.868	
8617.636	10020.314	5.700	6813.814	116.041	
1.003	14.689				
4/19/2016 5:35:00 PM	619500.000	13.102	17.671	29.864	
8617.836	10020.645	5.700	6814.039	116.038	
1.003	14.689				
4/19/2016 5:40:00 PM	619800.000	13.103	17.671	29.865	
8621.162	10024.396	5.702	6816.589	115.994	
1.003	14.690				
4/19/2016 5:45:00 PM	620100.000	13.103	17.671	29.865	
8619.136	10022.059	5.701	6815.000	116.021	
1.003	14.690				
4/19/2016 5:50:00 PM	620400.000	13.108	17.671	29.876	
8619.887	10023.028	5.701	6815.660	116.011	
1.003	14.690				
4/19/2016 5:55:00 PM	620700.000	13.103	17.671	29.865	
8620.233	10023.356	5.702	6815.883	116.006	
1.003	14.689				
4/19/2016 6:00:00 PM	621000.000	13.102	17.671	29.863	
8617.657	10020.437	5.700	6813.897	116.041	
1.003	14.689				
4/19/2016 6:05:00 PM	621300.000	13.103	17.671	29.865	
8622.673	10026.097	5.703	6817.746	115.973	
1.003	14.689				
4/19/2016 6:10:00 PM	621600.000	13.102	17.671	29.862	
8618.255	10021.057	5.700	6814.319	116.033	
1.003	14.690				

4/19/2016 6:15:00 PM	621900.000	13.104	17.671	29.868
8619.987	10023.108	5.701	6815.714	116.009
1.003	14.690			
4/19/2016 6:20:00 PM	622200.000	13.099	17.671	29.857
8621.343	10024.605	5.702	6816.732	115.991
1.003	14.690			
4/19/2016 6:25:00 PM	622500.000	13.099	17.671	29.857
8621.687	10025.047	5.703	6817.032	115.987
1.003	14.690			
4/19/2016 6:30:00 PM	622800.000	13.100	17.671	29.859
8622.935	10026.477	5.704	6818.004	115.970
1.003	14.689			
4/19/2016 6:35:00 PM	623100.000	13.099	17.671	29.857
8621.892	10025.188	5.703	6817.128	115.984
1.003	14.689			
4/19/2016 6:40:00 PM	623400.000	13.105	17.671	29.869
8622.724	10026.193	5.703	6817.812	115.973
1.003	14.688			
4/19/2016 6:45:00 PM	623700.000	13.100	17.671	29.858
8621.508	10024.798	5.702	6816.863	115.989
1.003	14.687			
4/19/2016 6:50:00 PM	624000.000	13.097	17.671	29.853
8625.636	10029.656	5.705	6820.167	115.933
1.003	14.687			
4/19/2016 6:55:00 PM	624300.000	13.098	17.671	29.854
8623.732	10027.500	5.704	6818.700	115.959
1.003	14.688			
4/19/2016 7:00:00 PM	624600.000	13.098	17.671	29.854
8623.455	10026.984	5.704	6818.350	115.963
1.003	14.688			
4/19/2016 7:05:00 PM	624900.000	13.098	17.671	29.855
8625.007	10028.982	5.705	6819.708	115.942
1.003	14.690			
4/19/2016 7:10:00 PM	625200.000	13.093	17.671	29.844
8625.098	10028.972	5.705	6819.701	115.941
1.003	14.691			
4/19/2016 7:15:00 PM	625500.000	13.091	17.670	29.838
8625.176	10029.200	5.705	6819.856	115.940
1.003	14.693			
4/19/2016 7:20:00 PM	625800.000	13.092	17.671	29.841
8627.379	10031.683	5.707	6821.544	115.910
1.003	14.692			
4/19/2016 7:25:00 PM	626100.000	13.095	17.671	29.846
8626.674	10030.786	5.706	6820.935	115.920
1.003	14.691			
4/19/2016 7:30:00 PM	626400.000	13.099	17.671	29.856
8627.628	10032.013	5.707	6821.769	115.907
1.003	14.690			
4/19/2016 7:35:00 PM	626700.000	13.101	17.672	29.861
8625.977	10029.897	5.706	6820.331	115.929
1.003	14.688			
4/19/2016 7:40:00 PM	627000.000	13.101	17.670	29.862
8630.222	10035.085	5.709	6823.858	115.872
1.003	14.687			
4/19/2016 7:45:00 PM	627300.000	13.098	17.671	29.854
8630.692	10035.422	5.709	6824.087	115.866
1.003	14.685			

4/19/2016 7:50:00 PM	627600.000	13.095	17.671	29.847
8630.452	10035.180	5.709	6823.923	115.869
1.003	14.688			
4/19/2016 7:55:00 PM	627900.000	13.094	17.671	29.846
8630.330	10035.135	5.709	6823.892	115.870
1.003	14.691			
4/19/2016 8:00:00 PM	628200.000	13.093	17.671	29.842
8629.087	10033.651	5.708	6822.883	115.887
1.003	14.694			
4/19/2016 8:05:00 PM	628500.000	13.093	17.671	29.843
8631.423	10036.309	5.710	6824.690	115.856
1.003	14.695			
4/19/2016 8:10:00 PM	628800.000	13.097	17.671	29.852
8632.452	10037.602	5.710	6825.570	115.842
1.003	14.696			
4/19/2016 8:15:00 PM	629100.000	13.091	17.671	29.839
8632.229	10037.246	5.710	6825.328	115.845
1.003	14.698			
4/19/2016 8:20:00 PM	629400.000	13.093	17.670	29.844
8633.114	10038.448	5.711	6826.145	115.833
1.003	14.698			
4/19/2016 8:25:00 PM	629700.000	13.099	17.671	29.856
8630.428	10035.285	5.709	6823.995	115.869
1.003	14.698			
4/19/2016 8:30:00 PM	630000.000	13.094	17.671	29.844
8633.708	10039.063	5.711	6826.563	115.825
1.003	14.699			
4/19/2016 8:35:00 PM	630300.000	13.095	17.670	29.847
8631.380	10036.414	5.710	6824.762	115.856
1.003	14.698			
4/19/2016 8:40:00 PM	630600.000	13.096	17.671	29.850
8632.818	10037.990	5.711	6825.834	115.837
1.003	14.697			
4/19/2016 8:45:00 PM	630900.000	13.101	17.671	29.862
8630.651	10035.411	5.709	6824.080	115.866
1.003	14.696			
4/19/2016 8:50:00 PM	631200.000	13.096	17.671	29.849
8634.329	10039.765	5.712	6827.040	115.817
1.003	14.700			
4/19/2016 8:55:00 PM	631500.000	13.099	17.671	29.856
8631.952	10037.021	5.710	6825.174	115.849
1.003	14.703			
4/19/2016 9:00:00 PM	631800.000	13.092	17.671	29.841
8633.899	10039.150	5.711	6826.623	115.823
1.003	14.706			
4/19/2016 9:05:00 PM	632100.000	13.092	17.671	29.841
8632.367	10037.483	5.710	6825.489	115.843
1.003	14.706			
4/19/2016 9:10:00 PM	632400.000	13.096	17.671	29.850
8629.876	10034.548	5.708	6823.493	115.877
1.003	14.705			
4/19/2016 9:15:00 PM	632700.000	13.094	17.671	29.845
8632.670	10037.893	5.710	6825.768	115.839
1.003	14.705			
4/19/2016 9:20:00 PM	633000.000	13.094	17.671	29.845
8632.008	10037.105	5.710	6825.232	115.848
1.003	14.706			

4/19/2016 9:25:00 PM 633300.000 13.098 17.671 29.854
8632.518 10037.698 5.710 6825.635 115.841
1.003 14.707
4/19/2016 9:30:00 PM 633600.000 13.091 17.672 29.839
8632.776 10037.765 5.710 6825.681 115.838
1.003 14.709
4/19/2016 9:35:00 PM 633900.000 13.090 17.671 29.837
8630.640 10035.397 5.709 6824.070 115.866
1.003 14.708
4/19/2016 9:40:00 PM 634200.000 13.098 17.671 29.855
8631.031 10035.891 5.709 6824.406 115.861
1.003 14.707
4/19/2016 9:45:00 PM 634500.000 13.092 17.671 29.840
8632.295 10037.322 5.710 6825.380 115.844
1.003 14.706
4/19/2016 9:50:00 PM 634800.000 13.091 17.671 29.838
8634.001 10039.423 5.711 6826.808 115.821
1.003 14.707
4/19/2016 9:55:00 PM 635100.000 13.091 17.671 29.838
8630.770 10035.586 5.709 6824.199 115.865
1.003 14.708
4/19/2016 10:00:00 PM 635400.000 13.088 17.671 29.831
8632.188 10037.235 5.710 6825.321 115.845
1.003 14.709
4/19/2016 10:05:00 PM 635700.000 13.089 17.671 29.835
8633.871 10039.117 5.711 6826.600 115.823
1.003 14.709
4/19/2016 10:10:00 PM 636000.000 13.093 17.671 29.842
8633.338 10038.554 5.711 6826.217 115.830
1.003 14.709
4/19/2016 10:15:00 PM 636300.000 13.089 17.671 29.833
8632.706 10037.801 5.710 6825.705 115.839
1.003 14.710
4/19/2016 10:20:00 PM 636600.000 13.093 17.671 29.843
8633.726 10039.023 5.711 6826.537 115.825
1.003 14.709
4/19/2016 10:25:00 PM 636900.000 13.090 17.671 29.837
8634.017 10039.362 5.711 6826.767 115.821
1.003 14.708
4/19/2016 10:30:00 PM 637200.000 13.092 17.671 29.840
8632.063 10037.111 5.710 6825.236 115.847
1.003 14.707
4/19/2016 10:35:00 PM 637500.000 13.097 17.671 29.851
8633.646 10038.971 5.711 6826.500 115.826
1.003 14.707
4/19/2016 10:40:00 PM 637800.000 13.092 17.671 29.840
8632.286 10037.313 5.710 6825.373 115.844
1.003 14.707
4/19/2016 10:45:00 PM 638100.000 13.091 17.671 29.838
8633.214 10038.354 5.711 6826.081 115.832
1.003 14.707
4/19/2016 10:50:00 PM 638400.000 13.093 17.671 29.844
8637.037 10042.854 5.714 6829.142 115.780
1.003 14.706
4/19/2016 10:55:00 PM 638700.000 13.096 17.671 29.850
8643.772 10050.631 5.718 6834.430 115.690
1.003 14.705

4/19/2016 11:00:00 PM 639000.000 13.095 17.671 29.847
8667.932 10078.797 5.735 6853.583 115.368
1.003 14.704
4/19/2016 11:05:00 PM 639300.000 13.098 17.671 29.855
8697.467 10113.179 5.757 6876.962 114.976
1.003 14.704
4/19/2016 11:10:00 PM 639600.000 13.098 17.671 29.854
8721.045 10140.518 5.773 6895.553 114.665
1.003 14.704
4/19/2016 11:15:00 PM 639900.000 13.094 17.671 29.845
8742.311 10165.224 5.788 6912.353 114.386
1.003 14.703
4/19/2016 11:20:00 PM 640200.000 13.092 17.671 29.841
8764.413 10190.944 5.804 6929.842 114.098
1.003 14.704
4/19/2016 11:25:00 PM 640500.000 13.091 17.671 29.840
8781.285 10210.563 5.816 6943.184 113.879
1.003 14.706
4/19/2016 11:30:00 PM 640800.000 13.090 17.671 29.836
8799.738 10232.118 5.829 6957.840 113.640
1.003 14.707
4/19/2016 11:35:00 PM 641100.000 13.092 17.671 29.841
8811.516 10245.833 5.838 6967.167 113.488
1.003 14.704
4/19/2016 11:40:00 PM 641400.000 13.093 17.671 29.844
8822.224 10258.243 5.845 6975.606 113.350
1.003 14.701
4/19/2016 11:45:00 PM 641700.000 13.102 17.671 29.863
8836.251 10274.494 5.855 6986.657 113.170
1.003 14.699
4/19/2016 11:50:00 PM 642000.000 13.095 17.671 29.847
8847.472 10287.601 5.863 6995.569 113.027
1.003 14.701
4/19/2016 11:55:00 PM 642300.000 13.095 17.671 29.847
8858.927 10300.780 5.871 7004.531 112.880
1.003 14.703
4/20/2016 12:00:00 AM 642600.000 13.090 17.671 29.836
8867.800 10311.237 5.878 7011.642 112.768
1.003 14.705
4/20/2016 12:05:00 AM 642900.000 13.097 17.671 29.852
8878.180 10323.308 5.885 7019.849 112.636
1.003 14.704
4/20/2016 12:10:00 AM 643200.000 13.094 17.671 29.844
8885.765 10332.127 5.891 7025.847 112.540
1.003 14.704
4/20/2016 12:15:00 AM 643500.000 13.094 17.671 29.844
8897.321 10345.424 5.899 7034.889 112.393
1.003 14.703
4/20/2016 12:20:00 AM 643800.000 13.093 17.671 29.844
8906.362 10355.937 5.905 7042.038 112.279
1.003 14.704
4/20/2016 12:25:00 AM 644100.000 13.093 17.671 29.843
8914.438 10365.327 5.911 7048.423 112.178
1.003 14.705
4/20/2016 12:30:00 AM 644400.000 13.094 17.672 29.845
8918.439 10369.879 5.914 7051.518 112.127
1.003 14.706

4/20/2016 12:35:00 AM	644700.000	13.097	17.671	29.853	
8924.884	10377.513	5.918	7056.709	112.046	
1.003	14.708				
4/20/2016 12:40:00 AM	645000.000	13.094	17.671	29.845	
8933.050	10387.029	5.924	7063.181	111.944	
1.003	14.710				
4/20/2016 12:45:00 AM	645300.000	13.094	17.671	29.845	
8940.913	10396.191	5.930	7069.410	111.845	
1.003	14.712				
4/20/2016 12:50:00 AM	645600.000	13.091	17.671	29.838	
8948.565	10405.070	5.935	7075.448	111.750	
1.003	14.710				
4/20/2016 12:55:00 AM	645900.000	13.093	17.671	29.843	
8954.614	10412.042	5.940	7080.189	111.674	
1.003	14.708				
4/20/2016 1:00:00 AM	646200.000	13.095	17.671	29.848	
8956.600	10414.351	5.941	7081.758	111.650	
1.003	14.705				
4/20/2016 1:05:00 AM	646500.000	13.099	17.671	29.856	
8966.246	10425.668	5.948	7089.455	111.529	
1.003	14.706				
4/20/2016 1:10:00 AM	646800.000	13.094	17.672	29.845	
8971.651	10431.792	5.952	7093.619	111.462	
1.003	14.707				
4/20/2016 1:15:00 AM	647100.000	13.093	17.671	29.843	
8975.421	10436.336	5.955	7096.709	111.415	
1.003	14.708				
4/20/2016 1:20:00 AM	647400.000	13.099	17.671	29.856	
8978.895	10440.375	5.957	7099.456	111.372	
1.003	14.707				
4/20/2016 1:25:00 AM	647700.000	13.095	17.671	29.847	
8986.294	10449.020	5.962	7105.334	111.281	
1.003	14.706				
4/20/2016 1:30:00 AM	648000.000	13.095	17.671	29.847	
8988.244	10451.287	5.964	7106.876	111.256	
1.003	14.704				
4/20/2016 1:35:00 AM	648300.000	13.096	17.672	29.849	
8993.332	10457.042	5.967	7110.789	111.193	
1.003	14.704				
4/20/2016 1:40:00 AM	648600.000	13.101	17.671	29.862	
8994.076	10457.927	5.968	7111.391	111.184	
1.003	14.704				
4/20/2016 1:45:00 AM	648900.000	13.097	17.672	29.852	
8999.669	10464.391	5.972	7115.786	111.115	
1.003	14.703				
4/20/2016 1:50:00 AM	649200.000	13.099	17.672	29.856	
9002.809	10468.061	5.974	7118.281	111.076	
1.003	14.701				
4/20/2016 1:55:00 AM	649500.000	13.101	17.671	29.861	
9007.753	10473.829	5.978	7122.204	111.015	
1.003	14.699				
4/20/2016 2:00:00 AM	649800.000	13.108	17.671	29.877	
9010.716	10477.315	5.980	7124.575	110.979	
1.003	14.697				
4/20/2016 2:05:00 AM	650100.000	13.104	17.671	29.868	
9012.982	10479.950	5.981	7126.367	110.951	
1.003	14.700				

4/20/2016 2:10:00 AM	650400.000	13.098	17.671	29.855
9014.869	10482.185	5.983	7127.886	110.928
1.003	14.703			
4/20/2016 2:15:00 AM	650700.000	13.095	17.671	29.847
9019.271	10487.285	5.986	7131.354	110.874
1.003	14.706			
4/20/2016 2:20:00 AM	651000.000	13.101	17.671	29.861
9024.444	10493.300	5.989	7135.444	110.810
1.003	14.707			
4/20/2016 2:25:00 AM	651300.000	13.095	17.671	29.848
9023.603	10492.340	5.989	7134.792	110.820
1.003	14.707			
4/20/2016 2:30:00 AM	651600.000	13.100	17.671	29.859
9027.259	10496.533	5.991	7137.643	110.776
1.003	14.707			
4/20/2016 2:35:00 AM	651900.000	13.095	17.671	29.848
9027.940	10497.466	5.992	7138.277	110.767
1.003	14.707			
4/20/2016 2:40:00 AM	652200.000	13.096	17.671	29.850
9029.907	10499.612	5.993	7139.737	110.743
1.003	14.707			
4/20/2016 2:45:00 AM	652500.000	13.095	17.671	29.849
9032.918	10503.192	5.996	7142.171	110.706
1.003	14.707			
4/20/2016 2:50:00 AM	652800.000	13.096	17.671	29.850
9034.267	10504.658	5.996	7143.168	110.690
1.003	14.706			
4/20/2016 2:55:00 AM	653100.000	13.100	17.672	29.858
9037.867	10508.806	5.999	7145.988	110.646
1.003	14.705			
4/20/2016 3:00:00 AM	653400.000	13.098	17.671	29.854
9035.849	10506.498	5.998	7144.419	110.670
1.003	14.704			
4/20/2016 3:05:00 AM	653700.000	13.098	17.672	29.854
9042.924	10514.685	6.003	7149.986	110.584
1.003	14.704			
4/20/2016 3:10:00 AM	654000.000	13.103	17.671	29.865
9040.985	10512.613	6.001	7148.578	110.607
1.003	14.703			
4/20/2016 3:15:00 AM	654300.000	13.098	17.671	29.854
9040.950	10512.531	6.001	7148.522	110.608
1.003	14.703			
4/20/2016 3:20:00 AM	654600.000	13.099	17.671	29.856
9042.665	10514.566	6.003	7149.906	110.587
1.003	14.702			
4/20/2016 3:25:00 AM	654900.000	13.101	17.671	29.860
9046.971	10519.615	6.006	7153.339	110.534
1.003	14.701			
4/20/2016 3:30:00 AM	655200.000	13.101	17.671	29.861
9046.221	10518.581	6.005	7152.636	110.543
1.003	14.701			
4/20/2016 3:35:00 AM	655500.000	13.105	17.671	29.870
9046.275	10518.724	6.005	7152.732	110.543
1.003	14.698			
4/20/2016 3:40:00 AM	655800.000	13.111	17.672	29.884
9049.654	10522.470	6.007	7155.280	110.501
1.003	14.696			

4/20/2016 3:45:00 AM	656100.000	13.110	17.671	29.881	
9051.240	10524.457	6.009	7156.631	110.482	
1.003	14.694				
4/20/2016 3:50:00 AM	656400.000	13.109	17.671	29.879	
9051.287	10524.573	6.009	7156.710	110.482	
1.003	14.695				
4/20/2016 3:55:00 AM	656700.000	13.108	17.671	29.876	
9050.927	10524.053	6.008	7156.356	110.486	
1.003	14.697				
4/20/2016 4:00:00 AM	657000.000	13.112	17.671	29.885	
9054.124	10527.912	6.011	7158.981	110.447	
1.003	14.699				
4/20/2016 4:05:00 AM	657300.000	13.106	17.672	29.873	
9054.508	10528.133	6.011	7159.130	110.442	
1.003	14.700				
4/20/2016 4:10:00 AM	657600.000	13.103	17.671	29.867	
9053.761	10527.366	6.010	7158.609	110.451	
1.003	14.702				
4/20/2016 4:15:00 AM	657900.000	13.106	17.672	29.873	
9053.282	10526.729	6.010	7158.176	110.457	
1.003	14.703				
4/20/2016 4:20:00 AM	658200.000	13.102	17.671	29.863	
9054.375	10528.164	6.011	7159.152	110.444	
1.003	14.702				
4/20/2016 4:25:00 AM	658500.000	13.101	17.671	29.862	
9049.779	10522.859	6.008	7155.545	110.500	
1.003	14.701				
4/20/2016 4:30:00 AM	658800.000	13.103	17.671	29.867	
9035.217	10505.888	5.997	7144.004	110.678	
1.003	14.700				
4/20/2016 4:35:00 AM	659100.000	13.103	17.671	29.866	
9018.262	10486.089	5.985	7130.541	110.886	
1.003	14.700				
4/20/2016 4:40:00 AM	659400.000	13.103	17.671	29.866	
8993.299	10457.085	5.967	7110.818	111.194	
1.003	14.700				
4/20/2016 4:45:00 AM	659700.000	13.104	17.671	29.869	
8976.850	10437.937	5.955	7097.797	111.398	
1.003	14.700				
4/20/2016 4:50:00 AM	660000.000	13.102	17.671	29.864	
8957.313	10415.362	5.942	7082.447	111.641	
1.003	14.700				
4/20/2016 4:55:00 AM	660300.000	13.104	17.672	29.867	
8942.405	10397.826	5.931	7070.522	111.827	
1.003	14.700				
4/20/2016 5:00:00 AM	660600.000	13.109	17.671	29.879	
8926.820	10379.886	5.920	7058.322	112.022	
1.003	14.700				
4/20/2016 5:05:00 AM	660900.000	13.102	17.671	29.863	
8914.377	10365.256	5.911	7048.374	112.178	
1.003	14.701				
4/20/2016 5:10:00 AM	661200.000	13.107	17.671	29.874	
8900.785	10349.475	5.901	7037.643	112.350	
1.003	14.701				
4/20/2016 5:15:00 AM	661500.000	13.102	17.671	29.865	
8890.660	10337.819	5.894	7029.717	112.478	
1.003	14.702				

4/20/2016 5:20:00 AM	661800.000	13.102	17.671	29.864	
8880.684	10326.239	5.887	7021.843	112.604	
1.003	14.703				
4/20/2016 5:25:00 AM	662100.000	13.100	17.670	29.859	
8870.573	10314.604	5.880	7013.931	112.732	
1.003	14.705				
4/20/2016 5:30:00 AM	662400.000	13.097	17.671	29.852	
8859.932	10301.972	5.872	7005.341	112.868	
1.003	14.707				
4/20/2016 5:35:00 AM	662700.000	13.105	17.671	29.871	
8852.899	10293.813	5.867	6999.792	112.957	
1.003	14.704				
4/20/2016 5:40:00 AM	663000.000	13.104	17.671	29.869	
8840.748	10279.743	5.859	6990.226	113.113	
1.003	14.700				
4/20/2016 5:45:00 AM	663300.000	13.108	17.671	29.876	
8832.602	10270.311	5.853	6983.812	113.217	
1.003	14.697				
4/20/2016 5:50:00 AM	663600.000	13.105	17.671	29.871	
8826.752	10263.392	5.848	6979.107	113.292	
1.003	14.697				
4/20/2016 5:55:00 AM	663900.000	13.106	17.671	29.873	
8819.716	10255.287	5.844	6973.596	113.382	
1.003	14.698				
4/20/2016 6:00:00 AM	664200.000	13.105	17.672	29.870	
8811.853	10245.946	5.838	6967.244	113.484	
1.003	14.698				
4/20/2016 6:05:00 AM	664500.000	13.105	17.671	29.870	
8803.001	10235.775	5.832	6960.328	113.598	
1.003	14.698				
4/20/2016 6:10:00 AM	664800.000	13.105	17.671	29.869	
8797.891	10229.909	5.828	6956.339	113.664	
1.003	14.699				
4/20/2016 6:15:00 AM	665100.000	13.106	17.671	29.872	
8790.331	10221.060	5.823	6950.321	113.761	
1.003	14.699				
4/20/2016 6:20:00 AM	665400.000	13.104	17.671	29.868	
8783.328	10212.917	5.818	6944.784	113.852	
1.003	14.699				
4/20/2016 6:25:00 AM	665700.000	13.105	17.671	29.869	
8780.587	10209.751	5.816	6942.631	113.888	
1.003	14.699				
4/20/2016 6:30:00 AM	666000.000	13.110	17.671	29.881	
8774.042	10202.179	5.811	6937.482	113.973	
1.003	14.700				
4/20/2016 6:35:00 AM	666300.000	13.108	17.671	29.878	
8767.792	10194.892	5.807	6932.526	114.054	
1.003	14.702				
4/20/2016 6:40:00 AM	666600.000	13.106	17.671	29.873	
8759.695	10185.520	5.801	6926.154	114.159	
1.003	14.705				
4/20/2016 6:45:00 AM	666900.000	13.103	17.671	29.866	
8755.077	10180.051	5.797	6922.435	114.219	
1.003	14.707				
4/20/2016 6:50:00 AM	667200.000	13.100	17.671	29.858	
8748.936	10172.927	5.793	6917.591	114.300	
1.003	14.706				

4/20/2016 6:55:00 AM	667500.000	13.100	17.671	29.860	
8741.964	10164.860	5.788	6912.105	114.391	
1.003	14.705				
4/20/2016 7:00:00 AM	667800.000	13.104	17.671	29.867	
8741.664	10164.472	5.788	6911.841	114.395	
1.003	14.704				
4/20/2016 7:05:00 AM	668100.000	13.103	17.671	29.866	
8736.379	10158.348	5.784	6907.677	114.464	
1.003	14.704				
4/20/2016 7:10:00 AM	668400.000	13.102	17.671	29.864	
8730.102	10151.049	5.780	6902.714	114.546	
1.003	14.705				
4/20/2016 7:15:00 AM	668700.000	13.101	17.672	29.861	
8723.159	10142.896	5.775	6897.170	114.637	
1.003	14.706				
4/20/2016 7:20:00 AM	669000.000	13.103	17.671	29.865	
8718.791	10137.935	5.772	6893.796	114.695	
1.003	14.704				
4/20/2016 7:25:00 AM	669300.000	13.106	17.671	29.872	
8713.349	10131.687	5.768	6889.547	114.766	
1.003	14.702				
4/20/2016 7:30:00 AM	669600.000	13.110	17.671	29.881	
8708.698	10126.141	5.764	6885.776	114.828	
1.003	14.700				
4/20/2016 7:35:00 AM	669900.000	13.106	17.671	29.872	
8704.748	10121.666	5.762	6882.733	114.880	
1.003	14.702				
4/20/2016 7:40:00 AM	670200.000	13.108	17.671	29.876	
8701.527	10117.900	5.759	6880.173	114.922	
1.003	14.704				
4/20/2016 7:45:00 AM	670500.000	13.102	17.671	29.863	
8695.021	10110.277	5.755	6874.989	115.008	
1.003	14.706				
4/20/2016 7:50:00 AM	670800.000	13.107	17.671	29.875	
8692.871	10107.776	5.753	6873.289	115.037	
1.003	14.706				
4/20/2016 7:55:00 AM	671100.000	13.106	17.671	29.873	
8688.912	10103.252	5.750	6870.211	115.089	
1.003	14.706				
4/20/2016 8:00:00 AM	671400.000	13.106	17.671	29.873	
8683.252	10096.611	5.746	6865.696	115.164	
1.003	14.707				
4/20/2016 8:05:00 AM	671700.000	13.098	17.671	29.855	
8679.685	10092.443	5.744	6862.862	115.212	
1.003	14.708				
4/20/2016 8:10:00 AM	672000.000	13.103	17.671	29.866	
8676.245	10088.405	5.741	6860.116	115.257	
1.003	14.710				
4/20/2016 8:15:00 AM	672300.000	13.096	17.671	29.850	
8676.243	10088.442	5.741	6860.141	115.257	
1.003	14.711				
4/20/2016 8:20:00 AM	672600.000	13.098	17.671	29.854	
8671.827	10083.269	5.738	6856.623	115.316	
1.003	14.711				
4/20/2016 8:25:00 AM	672900.000	13.100	17.671	29.860	
8668.304	10079.252	5.736	6853.892	115.363	
1.003	14.710				

4/20/2016 8:30:00 AM 673200.000 13.101 17.671 29.862
8664.374 10074.683 5.733 6850.784 115.415
1.003 14.710
4/20/2016 8:35:00 AM 673500.000 13.101 17.671 29.861
8664.400 10074.771 5.733 6850.844 115.415
1.003 14.709
4/20/2016 8:40:00 AM 673800.000 13.102 17.671 29.864
8661.261 10071.100 5.731 6848.348 115.457
1.003 14.708
4/20/2016 8:45:00 AM 674100.000 13.104 17.671 29.867
8659.019 10068.396 5.729 6846.509 115.487
1.003 14.708
4/20/2016 8:50:00 AM 674400.000 13.103 17.671 29.865
8658.147 10067.460 5.729 6845.874 115.498
1.003 14.708
4/20/2016 8:55:00 AM 674700.000 13.102 17.670 29.863
8650.438 10058.575 5.723 6839.832 115.601
1.003 14.709
4/20/2016 9:00:00 AM 675000.000 13.107 17.671 29.876
8652.902 10061.284 5.725 6841.674 115.568
1.003 14.709
4/20/2016 9:05:00 AM 675300.000 13.100 17.671 29.860
8650.363 10058.271 5.723 6839.625 115.602
1.003 14.711
4/20/2016 9:10:00 AM 675600.000 13.099 17.671 29.858
8650.707 10058.791 5.723 6839.978 115.597
1.003 14.712
4/20/2016 9:15:00 AM 675900.000 13.099 17.671 29.856
8646.681 10054.146 5.720 6836.820 115.651
1.003 14.713
4/20/2016 9:20:00 AM 676200.000 13.101 17.671 29.862
8644.507 10051.581 5.719 6835.075 115.680
1.003 14.713
4/20/2016 9:25:00 AM 676500.000 13.105 17.671 29.871
8642.854 10049.563 5.718 6833.704 115.703
1.003 14.713
4/20/2016 9:30:00 AM 676800.000 13.099 17.670 29.857
8643.505 10050.513 5.718 6834.349 115.694
1.003 14.713
4/20/2016 9:35:00 AM 677100.000 13.098 17.671 29.855
8644.166 10051.088 5.719 6834.740 115.685
1.003 14.716
4/20/2016 9:40:00 AM 677400.000 13.099 17.671 29.856
8640.832 10047.268 5.716 6832.143 115.730
1.003 14.719
4/20/2016 9:45:00 AM 677700.000 13.090 17.671 29.837
8642.429 10049.144 5.717 6833.418 115.708
1.003 14.722
4/20/2016 9:50:00 AM 678000.000 13.091 17.671 29.838
8639.708 10045.921 5.715 6831.227 115.745
1.003 14.720
4/20/2016 9:55:00 AM 678300.000 13.094 17.671 29.846
8638.823 10044.932 5.715 6830.554 115.757
1.003 14.717
4/20/2016 10:00:00 AM 678600.000 13.097 17.672 29.852
8638.995 10044.898 5.715 6830.532 115.754
1.003 14.715

4/20/2016 10:05:00 AM	678900.000	13.102	17.671	29.863	
8638.733	10044.749	5.715	6830.430	115.758	
1.003	14.714				
4/20/2016 10:10:00 AM	679200.000	13.098	17.671	29.854	
8639.296	10045.463	5.715	6830.916	115.750	
1.003	14.714				
4/20/2016 10:15:00 AM	679500.000	13.098	17.671	29.855	
8637.348	10043.138	5.714	6829.334	115.776	
1.003	14.714				
4/20/2016 10:20:00 AM	679800.000	13.103	17.671	29.866	
8635.708	10041.254	5.713	6828.053	115.798	
1.003	14.713				
4/20/2016 10:25:00 AM	680100.000	13.107	17.672	29.874	
8637.642	10043.383	5.714	6829.500	115.772	
1.003	14.712				
4/20/2016 10:30:00 AM	680400.000	13.106	17.671	29.872	
8635.240	10040.727	5.712	6827.695	115.805	
1.003	14.710				
4/20/2016 10:35:00 AM	680700.000	13.100	17.671	29.858	
8634.836	10040.239	5.712	6827.363	115.810	
1.003	14.713				
4/20/2016 10:40:00 AM	681000.000	13.096	17.671	29.851	
8633.963	10039.241	5.711	6826.685	115.822	
1.003	14.716				
4/20/2016 10:45:00 AM	681300.000	13.093	17.671	29.842	
8631.990	10036.947	5.710	6825.124	115.848	
1.003	14.719				
4/20/2016 10:50:00 AM	681600.000	13.094	17.671	29.844	
8633.076	10038.308	5.711	6826.050	115.834	
1.003	14.719				
4/20/2016 10:55:00 AM	681900.000	13.098	17.671	29.854	
8632.195	10037.207	5.710	6825.301	115.845	
1.003	14.720				
4/20/2016 11:00:00 AM	682200.000	13.093	17.671	29.844	
8629.683	10034.303	5.708	6823.327	115.879	
1.003	14.720				
4/20/2016 11:05:00 AM	682500.000	13.091	17.671	29.839	
8629.773	10034.408	5.708	6823.397	115.878	
1.003	14.721				
4/20/2016 11:10:00 AM	682800.000	13.089	17.671	29.835	
8632.939	10038.051	5.711	6825.875	115.835	
1.003	14.722				
4/20/2016 11:15:00 AM	683100.000	13.090	17.671	29.835	
8632.399	10037.462	5.710	6825.474	115.843	
1.003	14.723				
4/20/2016 11:20:00 AM	683400.000	13.091	17.671	29.838	
8628.355	10032.721	5.707	6822.250	115.897	
1.003	14.720				
4/20/2016 11:25:00 AM	683700.000	13.094	17.671	29.844	
8630.312	10035.093	5.709	6823.863	115.871	
1.003	14.717				
4/20/2016 11:30:00 AM	684000.000	13.101	17.671	29.862	
8629.442	10034.140	5.708	6823.215	115.882	
1.003	14.715				
4/20/2016 11:35:00 AM	684300.000	13.102	17.671	29.864	
8627.885	10032.194	5.707	6821.892	115.903	
1.003	14.714				

4/20/2016 11:40:00 AM 684600.000 13.101 17.671 29.860
8627.370 10031.673 5.707 6821.538 115.910
1.003 14.714
4/20/2016 11:45:00 AM 684900.000 13.097 17.671 29.851
8626.566 10030.661 5.706 6820.850 115.921
1.003 14.713
4/20/2016 11:50:00 AM 685200.000 13.100 17.671 29.860
8625.924 10029.933 5.706 6820.355 115.930
1.003 14.715
4/20/2016 11:55:00 AM 685500.000 13.099 17.671 29.856
8628.495 10032.922 5.707 6822.387 115.895
1.003 14.718
4/20/2016 12:00:00 PM 685800.000 13.092 17.671 29.840
8624.410 10028.134 5.705 6819.131 115.950
1.003 14.720
4/20/2016 12:05:00 PM 686100.000 13.096 17.671 29.850
8626.703 10030.839 5.706 6820.971 115.919
1.003 14.719
4/20/2016 12:10:00 PM 686400.000 13.098 17.671 29.854
8629.048 10033.487 5.708 6822.772 115.888
1.003 14.718
4/20/2016 12:15:00 PM 686700.000 13.095 17.671 29.847
8625.717 10029.771 5.706 6820.244 115.932
1.003 14.717
4/20/2016 12:20:00 PM 687000.000 13.099 17.671 29.856
8628.878 10033.328 5.708 6822.663 115.890
1.003 14.718
4/20/2016 12:25:00 PM 687300.000 13.091 17.671 29.839
8626.396 10030.443 5.706 6820.702 115.923
1.003 14.718
4/20/2016 12:30:00 PM 687600.000 13.093 17.672 29.844
8629.290 10033.750 5.708 6822.950 115.884
1.003 14.718
4/20/2016 12:35:00 PM 687900.000 13.098 17.671 29.853
8626.489 10030.572 5.706 6820.790 115.922
1.003 14.717
4/20/2016 12:40:00 PM 688200.000 13.098 17.671 29.855
8627.269 10031.516 5.707 6821.431 115.912
1.003 14.716
4/20/2016 12:45:00 PM 688500.000 13.095 17.671 29.848
8629.853 10034.501 5.708 6823.461 115.877
1.003 14.715
4/20/2016 12:50:00 PM 688800.000 13.098 17.671 29.854
8630.516 10035.232 5.709 6823.958 115.868
1.003 14.716
4/20/2016 12:55:00 PM 689100.000 13.092 17.671 29.841
8627.699 10032.056 5.707 6821.798 115.906
1.003 14.717
4/20/2016 1:00:00 PM 689400.000 13.095 17.671 29.848
8627.363 10031.567 5.707 6821.466 115.910
1.003 14.717
4/20/2016 1:05:00 PM 689700.000 13.090 17.671 29.835
8627.868 10032.234 5.707 6821.920 115.903
1.003 14.718
4/20/2016 1:10:00 PM 690000.000 13.089 17.671 29.834
8630.873 10035.766 5.709 6824.321 115.863
1.003 14.718

4/20/2016 1:15:00 PM	690300.000	13.093	17.671	29.843
8631.565	10036.512	5.710	6824.829	115.854
1.003	14.719			
4/20/2016 1:20:00 PM	690600.000	13.088	17.671	29.832
8633.396	10038.604	5.711	6826.251	115.829
1.003	14.719			
4/20/2016 1:25:00 PM	690900.000	13.092	17.671	29.841
8632.937	10038.048	5.711	6825.873	115.835
1.003	14.720			
4/20/2016 1:30:00 PM	691200.000	13.086	17.671	29.826
8631.423	10036.346	5.710	6824.716	115.856
1.003	14.720			
4/20/2016 1:35:00 PM	691500.000	13.088	17.671	29.832
8632.112	10037.207	5.710	6825.301	115.846
1.003	14.719			
4/20/2016 1:40:00 PM	691800.000	13.089	17.671	29.833
8631.277	10036.102	5.709	6824.550	115.858
1.003	14.718			
4/20/2016 1:45:00 PM	692100.000	13.090	17.671	29.835
8631.375	10036.271	5.709	6824.665	115.856
1.003	14.717			
4/20/2016 1:50:00 PM	692400.000	13.091	17.672	29.838
8630.176	10034.741	5.709	6823.624	115.872
1.003	14.715			
4/20/2016 1:55:00 PM	692700.000	13.096	17.671	29.849
8629.539	10034.118	5.708	6823.201	115.881
1.003	14.714			
4/20/2016 2:00:00 PM	693000.000	13.093	17.672	29.844
8631.280	10036.045	5.709	6824.511	115.858
1.003	14.712			
4/20/2016 2:05:00 PM	693300.000	13.093	17.671	29.844
8629.724	10034.312	5.708	6823.333	115.879
1.003	14.713			
4/20/2016 2:10:00 PM	693600.000	13.095	17.672	29.847
8630.227	10034.820	5.709	6823.678	115.872
1.003	14.714			
4/20/2016 2:15:00 PM	693900.000	13.089	17.671	29.833
8632.210	10037.224	5.710	6825.312	115.845
1.003	14.715			
4/20/2016 2:20:00 PM	694200.000	13.090	17.672	29.836
8630.103	10034.694	5.709	6823.593	115.873
1.003	14.714			
4/20/2016 2:25:00 PM	694500.000	13.095	17.672	29.847
8629.164	10033.585	5.708	6822.838	115.886
1.003	14.714			
4/20/2016 2:30:00 PM	694800.000	13.089	17.671	29.835
8628.312	10032.690	5.707	6822.230	115.898
1.003	14.714			
4/20/2016 2:35:00 PM	695100.000	13.091	17.671	29.838
8629.676	10034.256	5.708	6823.294	115.879
1.003	14.711			
4/20/2016 2:40:00 PM	695400.000	13.093	17.671	29.843
8627.703	10031.945	5.707	6821.723	115.906
1.003	14.708			
4/20/2016 2:45:00 PM	695700.000	13.096	17.671	29.851
8627.560	10031.835	5.707	6821.648	115.908
1.003	14.705			

4/20/2016 2:50:00 PM	696000.000	13.095	17.671	29.848
8628.276	10032.590	5.707	6822.162	115.898
1.003	14.707			
4/20/2016 2:55:00 PM	696300.000	13.090	17.672	29.836
8626.106	10030.048	5.706	6820.433	115.927
1.003	14.709			
4/20/2016 3:00:00 PM	696600.000	13.088	17.671	29.832
8626.518	10030.643	5.706	6820.837	115.922
1.003	14.711			
4/20/2016 3:05:00 PM	696900.000	13.093	17.671	29.842
8626.395	10030.479	5.706	6820.727	115.923
1.003	14.713			
4/20/2016 3:10:00 PM	697200.000	13.087	17.671	29.829
8629.452	10034.035	5.708	6823.145	115.882
1.003	14.714			
4/20/2016 3:15:00 PM	697500.000	13.090	17.671	29.837
8627.691	10031.933	5.707	6821.715	115.906
1.003	14.715			
4/20/2016 3:20:00 PM	697800.000	13.086	17.671	29.827
8630.063	10034.745	5.709	6823.627	115.874
1.003	14.713			
4/20/2016 3:25:00 PM	698100.000	13.091	17.671	29.839
8626.063	10030.210	5.706	6820.543	115.928
1.003	14.712			
4/20/2016 3:30:00 PM	698400.000	13.093	17.671	29.843
8629.253	10033.862	5.708	6823.027	115.885
1.003	14.710			
4/20/2016 3:35:00 PM	698700.000	13.091	17.671	29.838
8629.098	10033.682	5.708	6822.904	115.887
1.003	14.709			
4/20/2016 3:40:00 PM	699000.000	13.095	17.672	29.847
8627.612	10031.760	5.707	6821.597	115.907
1.003	14.707			
4/20/2016 3:45:00 PM	699300.000	13.092	17.672	29.840
8627.186	10031.284	5.706	6821.274	115.913
1.003	14.706			
4/20/2016 3:50:00 PM	699600.000	13.090	17.671	29.836
8629.435	10033.959	5.708	6823.092	115.882
1.003	14.706			
4/20/2016 3:55:00 PM	699900.000	13.096	17.671	29.849
8628.375	10032.765	5.707	6822.280	115.897
1.003	14.706			
4/20/2016 4:00:00 PM	700200.000	13.093	17.671	29.844
8628.740	10033.130	5.708	6822.529	115.892
1.003	14.706			
4/20/2016 4:05:00 PM	700500.000	13.088	17.671	29.831
8632.497	10037.520	5.710	6825.513	115.841
1.003	14.707			
4/20/2016 4:10:00 PM	700800.000	13.090	17.671	29.836
8631.725	10036.719	5.710	6824.969	115.852
1.003	14.708			
4/20/2016 4:15:00 PM	701100.000	13.089	17.672	29.833
8631.402	10036.188	5.709	6824.608	115.856
1.003	14.709			
4/20/2016 4:20:00 PM	701400.000	13.086	17.671	29.827
8629.812	10034.375	5.708	6823.375	115.877
1.003	14.707			

4/20/2016 4:25:00 PM	701700.000	13.086	17.671	29.827	
8633.876	10039.101	5.711	6826.589	115.823	
1.003	14.706				
4/20/2016 4:30:00 PM	702000.000	13.091	17.671	29.839	
8635.291	10040.883	5.712	6827.801	115.804	
1.003	14.705				
4/20/2016 4:35:00 PM	702300.000	13.088	17.670	29.832	
8629.059	10033.753	5.708	6822.952	115.887	
1.003	14.705				
4/20/2016 4:40:00 PM	702600.000	13.087	17.671	29.829	
8631.012	10035.793	5.709	6824.340	115.861	
1.003	14.705				
4/20/2016 4:45:00 PM	702900.000	13.085	17.671	29.824	
8633.904	10039.156	5.711	6826.627	115.822	
1.003	14.706				
4/20/2016 4:50:00 PM	703200.000	13.090	17.671	29.837	
8635.562	10041.139	5.712	6827.975	115.800	
1.003	14.705				
4/20/2016 4:55:00 PM	703500.000	13.085	17.671	29.824	
8635.260	10040.829	5.712	6827.764	115.804	
1.003	14.704				
4/20/2016 5:00:00 PM	703800.000	13.088	17.671	29.831	
8631.742	10036.756	5.710	6824.995	115.851	
1.003	14.703				
4/20/2016 5:05:00 PM	704100.000	13.091	17.671	29.839	
8635.617	10041.245	5.713	6828.047	115.799	
1.003	14.704				
4/20/2016 5:10:00 PM	704400.000	13.089	17.671	29.834	
8635.661	10041.199	5.713	6828.016	115.799	
1.003	14.705				
4/20/2016 5:15:00 PM	704700.000	13.087	17.672	29.829	
8634.538	10039.833	5.712	6827.087	115.814	
1.003	14.706				
4/20/2016 5:20:00 PM	705000.000	13.086	17.671	29.828	
8635.082	10040.581	5.712	6827.596	115.807	
1.003	14.703				
4/20/2016 5:25:00 PM	705300.000	13.090	17.671	29.836	
8637.252	10043.124	5.714	6829.325	115.778	
1.003	14.699				
4/20/2016 5:30:00 PM	705600.000	13.094	17.671	29.846	
8637.121	10042.913	5.714	6829.182	115.779	
1.003	14.696				
4/20/2016 5:35:00 PM	705900.000	13.098	17.671	29.855	
8634.188	10039.485	5.711	6826.851	115.819	
1.003	14.697				
4/20/2016 5:40:00 PM	706200.000	13.096	17.671	29.849	
8635.274	10040.728	5.712	6827.695	115.804	
1.003	14.698				
4/20/2016 5:45:00 PM	706500.000	13.091	17.671	29.839	
8634.596	10039.960	5.712	6827.173	115.813	
1.003	14.699				
4/20/2016 5:50:00 PM	706800.000	13.093	17.671	29.844	
8633.904	10039.173	5.711	6826.638	115.822	
1.003	14.701				
4/20/2016 5:55:00 PM	707100.000	13.086	17.671	29.827	
8635.089	10040.571	5.712	6827.588	115.807	
1.003	14.702				

4/20/2016 6:00:00 PM	707400.000	13.091	17.671	29.837
8637.437	10043.319	5.714	6829.458	115.775
1.003	14.704			
4/20/2016 6:05:00 PM	707700.000	13.086	17.671	29.826
8636.183	10041.806	5.713	6828.428	115.792
1.003	14.704			
4/20/2016 6:10:00 PM	708000.000	13.089	17.672	29.833
8636.562	10042.205	5.713	6828.700	115.787
1.003	14.703			
4/20/2016 6:15:00 PM	708300.000	13.084	17.671	29.822
8635.243	10040.788	5.712	6827.736	115.804
1.003	14.703			
4/20/2016 6:20:00 PM	708600.000	13.089	17.671	29.833
8638.261	10044.318	5.714	6830.137	115.764
1.003	14.702			
4/20/2016 6:25:00 PM	708900.000	13.089	17.672	29.835
8635.532	10041.008	5.712	6827.886	115.801
1.003	14.702			
4/20/2016 6:30:00 PM	709200.000	13.085	17.671	29.824
8639.754	10045.995	5.715	6831.277	115.744
1.003	14.702			
4/20/2016 6:35:00 PM	709500.000	13.084	17.671	29.823
8637.962	10043.891	5.714	6829.846	115.768
1.003	14.701			
4/20/2016 6:40:00 PM	709800.000	13.090	17.671	29.836
8640.524	10046.950	5.716	6831.927	115.734
1.003	14.701			
4/20/2016 6:45:00 PM	710100.000	13.086	17.672	29.826
8640.971	10047.332	5.716	6832.186	115.728
1.003	14.701			
4/20/2016 6:50:00 PM	710400.000	13.091	17.671	29.838
8638.229	10044.201	5.714	6830.057	115.764
1.003	14.701			
4/20/2016 6:55:00 PM	710700.000	13.086	17.672	29.827
8638.499	10044.438	5.714	6830.219	115.761
1.003	14.701			
4/20/2016 7:00:00 PM	711000.000	13.089	17.672	29.835
8637.379	10043.116	5.714	6829.319	115.776
1.003	14.701			
4/20/2016 7:05:00 PM	711300.000	13.083	17.671	29.821
8639.378	10045.617	5.715	6831.020	115.749
1.003	14.703			
4/20/2016 7:10:00 PM	711600.000	13.086	17.671	29.827
8641.114	10047.518	5.716	6832.312	115.726
1.003	14.704			
4/20/2016 7:15:00 PM	711900.000	13.084	17.671	29.822
8640.109	10046.371	5.716	6831.533	115.739
1.003	14.706			
4/20/2016 7:20:00 PM	712200.000	13.082	17.672	29.819
8640.809	10047.144	5.716	6832.058	115.730
1.003	14.703			
4/20/2016 7:25:00 PM	712500.000	13.084	17.672	29.822
8639.878	10046.042	5.715	6831.309	115.742
1.003	14.701			
4/20/2016 7:30:00 PM	712800.000	13.090	17.671	29.835
8641.203	10047.815	5.717	6832.515	115.725
1.003	14.699			

4/20/2016 7:35:00 PM	713100.000	13.087	17.671	29.829
8642.238	10048.847	5.717	6833.216	115.711
1.003	14.701			
4/20/2016 7:40:00 PM	713400.000	13.081	17.672	29.815
8641.037	10047.390	5.716	6832.225	115.727
1.003	14.703			
4/20/2016 7:45:00 PM	713700.000	13.083	17.672	29.821
8641.310	10047.590	5.716	6832.362	115.723
1.003	14.705			
4/20/2016 7:50:00 PM	714000.000	13.084	17.672	29.823
8639.507	10045.630	5.715	6831.028	115.747
1.003	14.702			
4/20/2016 7:55:00 PM	714300.000	13.082	17.671	29.818
8640.374	10046.656	5.716	6831.727	115.736
1.003	14.700			
4/20/2016 8:00:00 PM	714600.000	13.085	17.671	29.825
8639.904	10046.110	5.716	6831.355	115.742
1.003	14.697			
4/20/2016 8:05:00 PM	714900.000	13.084	17.671	29.822
8642.605	10049.329	5.717	6833.544	115.706
1.003	14.698			
4/20/2016 8:10:00 PM	715200.000	13.088	17.672	29.831
8643.053	10049.753	5.718	6833.832	115.700
1.003	14.699			
4/20/2016 8:15:00 PM	715500.000	13.083	17.671	29.820
8641.973	10048.594	5.717	6833.044	115.714
1.003	14.699			
4/20/2016 8:20:00 PM	715800.000	13.083	17.672	29.821
8640.692	10046.989	5.716	6831.953	115.731
1.003	14.700			
4/20/2016 8:25:00 PM	716100.000	13.084	17.671	29.823
8643.712	10050.561	5.718	6834.381	115.691
1.003	14.700			
4/20/2016 8:30:00 PM	716400.000	13.087	17.671	29.830
8642.742	10049.470	5.718	6833.640	115.704
1.003	14.700			
4/20/2016 8:35:00 PM	716700.000	13.082	17.672	29.818
8642.526	10049.141	5.717	6833.416	115.707
1.003	14.701			
4/20/2016 8:40:00 PM	717000.000	13.088	17.671	29.830
8644.672	10051.752	5.719	6835.192	115.678
1.003	14.702			
4/20/2016 8:45:00 PM	717300.000	13.082	17.672	29.818
8643.724	10050.415	5.718	6834.282	115.691
1.003	14.703			
4/20/2016 8:50:00 PM	717600.000	13.081	17.672	29.816
8643.562	10050.227	5.718	6834.155	115.693
1.003	14.706			
4/20/2016 8:55:00 PM	717900.000	13.082	17.671	29.817
8642.068	10048.725	5.717	6833.133	115.713
1.003	14.710			
4/20/2016 9:00:00 PM	718200.000	13.079	17.671	29.812
8643.428	10050.364	5.718	6834.248	115.695
1.003	14.714			
4/20/2016 9:05:00 PM	718500.000	13.078	17.672	29.808
8643.709	10050.397	5.718	6834.271	115.691
1.003	14.712			

4/20/2016 9:10:00 PM	718800.000	13.078	17.671	29.809	
8642.890	10049.701	5.718	6833.797	115.702	
1.003	14.710				
4/20/2016 9:15:00 PM	719100.000	13.082	17.671	29.818	
8640.520	10046.886	5.716	6831.882	115.734	
1.003	14.708				
4/20/2016 9:20:00 PM	719400.000	13.082	17.671	29.817	
8643.707	10050.571	5.718	6834.389	115.691	
1.003	14.709				
4/20/2016 9:25:00 PM	719700.000	13.085	17.672	29.824	
8640.436	10046.709	5.716	6831.762	115.735	
1.003	14.710				
4/20/2016 9:30:00 PM	720000.000	13.078	17.672	29.810	
8645.742	10052.880	5.720	6835.959	115.664	
1.003	14.711				
4/20/2016 9:35:00 PM	720300.000	13.080	17.671	29.812	
8643.489	10050.318	5.718	6834.217	115.694	
1.003	14.710				
4/20/2016 9:40:00 PM	720600.000	13.087	17.672	29.830	
8640.680	10046.896	5.716	6831.890	115.732	
1.003	14.709				
4/20/2016 9:45:00 PM	720900.000	13.083	17.671	29.820	
8640.926	10047.358	5.716	6832.204	115.728	
1.003	14.708				
4/20/2016 9:50:00 PM	721200.000	13.085	17.672	29.824	
8642.748	10049.341	5.717	6833.552	115.704	
1.003	14.708				
4/20/2016 9:55:00 PM	721500.000	13.084	17.671	29.822	
8640.007	10046.308	5.716	6831.490	115.741	
1.003	14.708				
4/20/2016 10:00:00 PM	721800.000	13.087	17.672	29.828	
8641.252	10047.659	5.716	6832.408	115.724	
1.003	14.709				
4/20/2016 10:05:00 PM	722100.000	13.081	17.672	29.815	
8643.146	10049.861	5.718	6833.906	115.699	
1.003	14.711				
4/20/2016 10:10:00 PM	722400.000	13.082	17.672	29.817	
8639.857	10045.901	5.715	6831.213	115.743	
1.003	14.713				
4/20/2016 10:15:00 PM	722700.000	13.081	17.671	29.817	
8643.944	10050.847	5.718	6834.576	115.688	
1.003	14.715				
4/20/2016 10:20:00 PM	723000.000	13.081	17.672	29.817	
8641.057	10047.432	5.716	6832.254	115.727	
1.003	14.714				
4/20/2016 10:25:00 PM	723300.000	13.076	17.671	29.805	
8641.829	10048.446	5.717	6832.944	115.716	
1.003	14.714				
4/20/2016 10:30:00 PM	723600.000	13.082	17.671	29.818	
8639.427	10045.615	5.715	6831.019	115.748	
1.003	14.713				
4/20/2016 10:35:00 PM	723900.000	13.077	17.671	29.807	
8642.412	10049.086	5.717	6833.379	115.708	
1.003	14.712				
4/20/2016 10:40:00 PM	724200.000	13.078	17.672	29.809	
8640.638	10046.944	5.716	6831.922	115.732	
1.003	14.711				

4/20/2016 10:45:00 PM	724500.000	13.078	17.672	29.808	
8641.934	10048.295	5.717	6832.841	115.715	
1.003	14.711				
4/20/2016 10:50:00 PM	724800.000	13.083	17.671	29.820	
8641.874	10048.520	5.717	6832.994	115.716	
1.003	14.710				
4/20/2016 10:55:00 PM	725100.000	13.082	17.672	29.817	
8641.852	10048.317	5.717	6832.856	115.716	
1.003	14.710				
4/20/2016 11:00:00 PM	725400.000	13.078	17.671	29.809	
8641.622	10048.186	5.717	6832.767	115.719	
1.003	14.710				
4/20/2016 11:05:00 PM	725700.000	13.078	17.671	29.809	
8641.770	10048.339	5.717	6832.871	115.717	
1.003	14.710				
4/20/2016 11:10:00 PM	726000.000	13.077	17.671	29.806	
8641.623	10048.206	5.717	6832.780	115.719	
1.003	14.710				
4/20/2016 11:15:00 PM	726300.000	13.077	17.671	29.807	
8647.880	10055.406	5.721	6837.677	115.635	
1.003	14.710				
4/20/2016 11:20:00 PM	726600.000	13.083	17.671	29.820	
8662.548	10072.462	5.732	6849.274	115.439	
1.003	14.709				
4/20/2016 11:25:00 PM	726900.000	13.082	17.672	29.817	
8692.855	10107.661	5.753	6873.210	115.037	
1.003	14.708				
4/20/2016 11:30:00 PM	727200.000	13.078	17.672	29.809	
8723.442	10143.168	5.775	6897.354	114.634	
1.003	14.708				
4/20/2016 11:35:00 PM	727500.000	13.080	17.672	29.814	
8748.343	10172.179	5.793	6917.082	114.307	
1.003	14.706				
4/20/2016 11:40:00 PM	727800.000	13.085	17.672	29.825	
8765.839	10192.464	5.805	6930.876	114.079	
1.003	14.705				
4/20/2016 11:45:00 PM	728100.000	13.089	17.671	29.835	
8786.124	10216.268	5.820	6947.063	113.816	
1.003	14.703				
4/20/2016 11:50:00 PM	728400.000	13.083	17.671	29.820	
8804.191	10237.177	5.832	6961.281	113.582	
1.003	14.704				
4/20/2016 11:55:00 PM	728700.000	13.081	17.672	29.815	
8818.170	10253.331	5.842	6972.265	113.402	
1.003	14.705				

Report Date: 4/22/2016 8:17:51 AM
Report User Name: KMakar
Report Computer Name: WKST46
Application: WinSitu.exe
Application Version: 5.6.25.0

Log File Properties:
File Name: MPWSP MW-5D Pre Test_2016-04-21_12-28-12-708-BaroMerge.wsl
Create Date: 4/22/2016 8:12:46 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
4/22/2016 8:12:46 AM User Note: "Pressure & Level adjusted by baro data from: "MPWSP BaroTroll Pre Test_Append_2016-04-21_18-56-38-301.wsl""

Log Data:
Record Count: 859
Sensors: 2
1 - 398697: PCTD 300 PSIA (200.7m/658.7ft)
2 - 0: Baro-Adjustment Calc
Time Zone: Pacific Daylight Time

	Sensor: PCTD(A) 658.7ft SN#: 398697	Sensor: PCTD(A) 658.7ft SN#: 398697	Sensor: PCTD(A) 658.7ft SN#: 398697	Sensor: PCTD(A) 658.7ft SN#: 398697	Sensor: PCTD(A) 658.7ft SN#: 398697	Sensor: PCTD(A) 658.7ft SN#: 398697	Sensor: PCTD(A) 658.7ft SN#: 398697	Sensor: PCTD(A) 658.7ft SN#: 398697	Sensor: PCTD(A) 658.7ft SN#: 398697	Sensor: Baro-Adj Calc 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 (ppt)	Resistivity (ohm-cm)	Water Density (g/cm3)	Barometric Pressure (PSI)
4/14/2016 12:14:45 AM	124200.000	144.888	21.329	330.244	4986.633	5362.660	2.928	3.647	200.536	1.000	14.795
4/14/2016 12:29:45 AM	125100.000	144.888	21.329	330.244	4985.345	5361.294	2.927	3.646	200.588	1.000	14.793
4/14/2016 12:44:45 AM	126000.000	144.853	21.334	330.165	4986.400	5361.792	2.928	3.646	200.545	1.000	14.791
4/14/2016 12:59:45 AM	126900.000	144.893	21.329	330.255	4986.272	5362.252	2.928	3.646	200.551	1.000	14.794
4/14/2016 1:14:45 AM	127800.000	144.845	21.331	330.145	4987.355	5363.225	2.928	3.647	200.507	1.000	14.803
4/14/2016 1:29:45 AM	128700.000	144.882	21.335	330.230	4988.173	5363.621	2.929	3.647	200.474	1.000	14.799
4/14/2016 1:44:45 AM	129600.000	144.890	21.335	330.249							

4988.836	5364.334	2.929	3.648	200.448	1.000	14.796			
4/14/2016 1:59:45 AM	130500.000	144.881	21.331	330.229	4989.252	5365.196	2.930	3.648	200.431
1.000	14.802								
4/14/2016 2:14:45 AM	131400.000	144.886	21.334	330.241	4988.599	5364.175	2.929	3.648	200.457
1.000	14.793								
4/14/2016 2:29:45 AM	132300.000	144.887	21.333	330.243	4988.467	5364.180	2.929	3.648	200.462
1.000	14.790								
4/14/2016 2:44:45 AM	133200.000	144.885	21.334	330.237	4989.420	5365.039	2.929	3.648	200.424
1.000	14.787								
4/14/2016 2:59:45 AM	134100.000	144.891	21.340	330.252	4989.161	5364.142	2.929	3.648	200.435
1.000	14.786								
4/14/2016 3:14:45 AM	135000.000	144.897	21.341	330.265	4989.599	5364.517	2.929	3.648	200.417
1.000	14.785								
4/14/2016 3:29:45 AM	135900.000	144.895	21.341	330.261	4990.273	5365.233	2.930	3.648	200.390
1.000	14.781								
4/14/2016 3:44:45 AM	136800.000	144.897	21.334	330.266	4988.983	5364.599	2.929	3.648	200.442
1.000	14.782								
4/14/2016 3:59:45 AM	137700.000	144.903	21.336	330.280	4989.568	5364.997	2.929	3.648	200.418
1.000	14.777								
4/14/2016 4:14:45 AM	138600.000	144.906	21.338	330.285	4990.109	5365.433	2.930	3.648	200.396
1.000	14.774								
4/14/2016 4:29:45 AM	139500.000	144.904	21.336	330.282	4989.494	5364.916	2.929	3.648	200.421
1.000	14.772								
4/14/2016 4:44:45 AM	140400.000	144.908	21.337	330.291	4989.665	5364.965	2.929	3.648	200.414
1.000	14.767								
4/14/2016 4:59:45 AM	141300.000	144.911	21.338	330.296	4990.589	5365.920	2.930	3.649	200.377
1.000	14.766								
4/14/2016 5:14:45 AM	142200.000	144.887	21.338	330.241	4991.599	5366.938	2.931	3.650	200.337
1.000	14.765								
4/14/2016 5:29:45 AM	143100.000	144.914	21.340	330.303	4991.758	5366.916	2.931	3.650	200.330
1.000	14.773								
4/14/2016 5:44:45 AM	144000.000	144.930	21.341	330.340	4991.495	5366.556	2.930	3.649	200.341
1.000	14.764								
4/14/2016 5:59:45 AM	144900.000	144.892	21.341	330.253	4990.526	5365.505	2.930	3.649	200.380
1.000	14.769								
4/14/2016 6:14:45 AM	145800.000	144.919	21.344	330.315	4992.496	5367.313	2.931	3.650	200.301
1.000	14.770								

4/14/2016 6:29:45 AM 146700.000 144.938 21.345 330.358
4991.843 5366.514 2.930 3.649 200.327
1.000 14.766
4/14/2016 6:44:45 AM 147600.000 144.932 21.347 330.344
4992.706 5367.240 2.931 3.650 200.292
1.000 14.784
4/14/2016 6:59:45 AM 148500.000 144.929 21.348 330.338
4992.443 5366.840 2.931 3.649 200.303
1.000 14.783
4/14/2016 7:14:45 AM 149400.000 144.939 21.351 330.361
4993.142 5367.264 2.931 3.650 200.275
1.000 14.780
4/14/2016 7:29:45 AM 150300.000 144.935 21.352 330.351
4993.820 5367.819 2.931 3.650 200.248
1.000 14.792
4/14/2016 7:44:45 AM 151200.000 144.942 21.354 330.367
4993.671 5367.484 2.931 3.650 200.253
1.000 14.788
4/14/2016 7:59:45 AM 152100.000 144.946 21.351 330.376
4993.982 5368.167 2.931 3.650 200.241
1.000 14.793
4/14/2016 8:14:45 AM 153000.000 144.943 21.356 330.370
4994.509 5368.125 2.931 3.650 200.220
1.000 14.803
4/14/2016 8:29:45 AM 153900.000 144.944 21.343 330.371
4992.408 5367.257 2.931 3.650 200.304
1.000 14.801
4/14/2016 8:44:45 AM 154800.000 144.917 21.328 330.310
4990.174 5366.594 2.930 3.649 200.394
1.000 14.807
4/14/2016 8:59:45 AM 155700.000 144.957 21.326 330.402
4985.988 5362.228 2.928 3.646 200.562
1.000 14.799
4/14/2016 9:14:45 AM 156600.000 144.935 21.325 330.352
4981.637 5357.750 2.925 3.643 200.737
1.000 14.802
4/14/2016 9:29:45 AM 157500.000 144.927 21.336 330.333
4980.265 5355.062 2.924 3.641 200.793
1.000 14.804
4/14/2016 9:44:45 AM 158400.000 144.966 21.343 330.422
4980.876 5354.947 2.924 3.641 200.768
1.000 14.804
4/14/2016 9:59:45 AM 159300.000 145.013 21.334 330.528
4979.152 5354.027 2.923 3.641 200.837
1.000 14.808
4/14/2016 10:14:45 AM 160200.000 144.938 21.333 330.358
4978.291 5353.237 2.923 3.640 200.872
1.000 14.804
4/14/2016 10:29:45 AM 161100.000 144.980 21.331 330.454
4977.654 5352.724 2.922 3.640 200.898
1.000 14.803
4/14/2016 10:44:45 AM 162000.000 144.968 21.333 330.426
4977.707 5352.638 2.922 3.640 200.896
1.000 14.809
4/14/2016 10:59:45 AM 162900.000 144.975 21.341 330.443
4978.715 5352.835 2.922 3.640 200.855

1.000 14.810
4/14/2016 11:14:45 AM 163800.000 144.981 21.339 330.457
4978.118 5352.395 2.922 3.640 200.879
1.000 14.810
4/14/2016 11:29:45 AM 164700.000 144.973 21.340 330.439
4979.110 5353.385 2.923 3.640 200.839
1.000 14.818
4/14/2016 11:44:45 AM 165600.000 144.943 21.341 330.371
4979.094 5353.243 2.923 3.640 200.840
1.000 14.811
4/14/2016 11:59:45 AM 166500.000 144.982 21.337 330.458
4979.027 5353.546 2.923 3.640 200.842
1.000 14.811
4/14/2016 12:14:45 PM 167400.000 144.987 21.342 330.471
4979.755 5353.829 2.923 3.641 200.813
1.000 14.807
4/14/2016 12:29:45 PM 168300.000 144.986 21.335 330.468
4979.337 5354.129 2.923 3.641 200.830
1.000 14.808
4/14/2016 12:44:45 PM 169200.000 144.987 21.333 330.470
4979.450 5354.444 2.923 3.641 200.825
1.000 14.804
4/14/2016 12:59:45 PM 170100.000 144.994 21.341 330.486
4981.349 5355.628 2.924 3.642 200.749
1.000 14.812
4/14/2016 1:14:45 PM 171000.000 144.987 21.337 330.471
4980.416 5355.077 2.924 3.641 200.786
1.000 14.806
4/14/2016 1:29:45 PM 171900.000 144.996 21.336 330.491
4981.546 5356.351 2.924 3.642 200.741
1.000 14.805
4/14/2016 1:44:45 PM 172800.000 144.987 21.337 330.470
4982.262 5357.053 2.925 3.643 200.712
1.000 14.799
4/14/2016 1:59:45 PM 173700.000 144.981 21.344 330.457
4983.591 5357.710 2.925 3.643 200.659
1.000 14.796
4/14/2016 2:14:45 PM 174600.000 144.998 21.341 330.495
4982.660 5357.048 2.925 3.643 200.696
1.000 14.792
4/14/2016 2:29:45 PM 175500.000 144.980 21.338 330.453
4983.486 5358.254 2.926 3.644 200.663
1.000 14.805
4/14/2016 2:44:45 PM 176400.000 144.987 21.343 330.469
4984.119 5358.365 2.926 3.644 200.637
1.000 14.794
4/14/2016 2:59:45 PM 177300.000 145.016 21.343 330.537
4984.376 5358.642 2.926 3.644 200.627
1.000 14.802
4/14/2016 3:14:45 PM 178200.000 144.984 21.348 330.463
4985.498 5359.317 2.926 3.644 200.582
1.000 14.795
4/14/2016 3:29:45 PM 179100.000 144.995 21.343 330.489
4985.510 5359.890 2.927 3.645 200.581
1.000 14.793
4/14/2016 3:44:45 PM 180000.000 144.978 21.344 330.449

4985.620	5359.901	2.927	3.645	200.577	
1.000	14.793				
4/14/2016 3:59:45 PM	180900.000	144.981	21.339	330.458	
4985.249	5360.082	2.927	3.645	200.592	
1.000	14.791				
4/14/2016 4:14:45 PM	181800.000	144.982	21.338	330.459	
4984.655	5359.491	2.926	3.644	200.616	
1.000	14.789				
4/14/2016 4:29:45 PM	182700.000	144.977	21.341	330.446	
4985.801	5360.463	2.927	3.645	200.570	
1.000	14.786				
4/14/2016 4:44:45 PM	183600.000	144.980	21.340	330.455	
4986.457	5361.254	2.927	3.646	200.543	
1.000	14.783				
4/14/2016 4:59:45 PM	184500.000	144.987	21.336	330.470	
4987.583	5362.861	2.928	3.647	200.498	
1.000	14.777				
4/14/2016 5:14:45 PM	185400.000	144.973	21.336	330.439	
4988.150	5363.490	2.929	3.647	200.475	
1.000	14.781				
4/14/2016 5:29:45 PM	186300.000	144.968	21.340	330.426	
4990.943	5366.020	2.930	3.649	200.363	
1.000	14.785				
4/14/2016 5:44:45 PM	187200.000	144.936	21.335	330.354	
4991.977	5367.692	2.931	3.650	200.321	
1.000	14.785				
4/14/2016 5:59:45 PM	188100.000	144.938	21.336	330.358	
4991.707	5367.374	2.931	3.650	200.332	
1.000	14.784				
4/14/2016 6:14:45 PM	189000.000	144.978	21.335	330.450	
4990.914	5366.607	2.930	3.649	200.364	
1.000	14.786				
4/14/2016 6:29:45 PM	189900.000	144.979	21.336	330.453	
4992.216	5367.911	2.931	3.650	200.312	
1.000	14.782				
4/14/2016 6:44:45 PM	190800.000	144.973	21.339	330.437	
4992.972	5368.357	2.931	3.650	200.282	
1.000	14.787				
4/14/2016 6:59:45 PM	191700.000	144.978	21.340	330.450	
4995.571	5371.044	2.933	3.652	200.177	
1.000	14.785				
4/14/2016 7:14:45 PM	192600.000	144.977	21.336	330.448	
4994.582	5370.456	2.933	3.652	200.217	
1.000	14.783				
4/14/2016 7:29:45 PM	193500.000	144.977	21.340	330.447	
4995.797	5371.229	2.933	3.652	200.168	
1.000	14.781				
4/14/2016 7:44:45 PM	194400.000	144.939	21.345	330.362	
4995.839	5370.801	2.933	3.652	200.167	
1.000	14.785				
4/14/2016 7:59:45 PM	195300.000	144.973	21.346	330.438	
4996.747	5371.603	2.933	3.653	200.130	
1.000	14.791				
4/14/2016 8:14:45 PM	196200.000	144.978	21.342	330.449	
4995.409	5370.667	2.933	3.652	200.184	
1.000	14.792				

4/14/2016 8:29:45 PM 197100.000 144.992 21.339 330.481
4995.866 5371.487 2.933 3.653 200.165
1.000 14.788
4/14/2016 8:44:45 PM 198000.000 144.988 21.342 330.472
4996.717 5372.024 2.934 3.653 200.131
1.000 14.788
4/14/2016 8:59:45 PM 198900.000 144.986 21.344 330.469
4997.710 5372.870 2.934 3.654 200.092
1.000 14.795
4/14/2016 9:14:45 PM 199800.000 144.990 21.343 330.477
4997.531 5372.793 2.934 3.653 200.099
1.000 14.794
4/14/2016 9:29:45 PM 200700.000 145.005 21.336 330.512
4997.775 5373.869 2.935 3.654 200.089
1.000 14.797
4/14/2016 9:44:45 PM 201600.000 145.005 21.337 330.511
4997.827 5373.750 2.935 3.654 200.087
1.000 14.804
4/14/2016 9:59:45 PM 202500.000 144.996 21.339 330.491
4999.539 5375.427 2.936 3.655 200.018
1.000 14.810
4/14/2016 10:14:45 PM 203400.000 145.003 21.336 330.506
5000.742 5377.048 2.936 3.656 199.970
1.000 14.804
4/14/2016 10:29:45 PM 204300.000 145.002 21.341 330.504
5001.098 5376.822 2.936 3.656 199.956
1.000 14.805
4/14/2016 10:44:45 PM 205200.000 145.013 21.345 330.529
5002.721 5378.122 2.937 3.657 199.891
1.000 14.799
4/14/2016 10:59:45 PM 206100.000 145.010 21.342 330.523
5002.784 5378.596 2.937 3.657 199.889
1.000 14.802
4/14/2016 11:14:45 PM 207000.000 145.012 21.340 330.528
5004.451 5380.573 2.939 3.659 199.822
1.000 14.802
4/14/2016 11:29:45 PM 207900.000 145.027 21.340 330.561
5003.496 5379.584 2.938 3.658 199.860
1.000 14.793
4/14/2016 11:44:45 PM 208800.000 145.024 21.344 330.555
5004.544 5380.208 2.938 3.659 199.818
1.000 14.797
4/14/2016 11:59:45 PM 209700.000 145.060 21.349 330.636
5005.705 5380.885 2.939 3.659 199.772
1.000 14.799
4/15/2016 12:14:45 AM 210600.000 145.029 21.343 330.566
5006.217 5382.113 2.939 3.660 199.752
1.000 14.795
4/15/2016 12:29:45 AM 211500.000 145.037 21.343 330.584
5006.188 5382.140 2.939 3.660 199.753
1.000 14.791
4/15/2016 12:44:45 AM 212400.000 144.989 21.345 330.474
5005.036 5380.668 2.939 3.659 199.799
1.000 14.799
4/15/2016 12:59:45 AM 213300.000 145.043 21.345 330.598
5005.653 5381.312 2.939 3.659 199.774

1.000 14.798
4/15/2016 1:14:45 AM 214200.000 145.035 21.341 330.579
5005.210 5381.283 2.939 3.659 199.792
1.000 14.804
4/15/2016 1:29:45 AM 215100.000 145.040 21.350 330.592
5006.666 5381.898 2.939 3.660 199.734
1.000 14.802
4/15/2016 1:44:45 AM 216000.000 145.046 21.342 330.604
5007.065 5383.150 2.940 3.661 199.718
1.000 14.799
4/15/2016 1:59:45 AM 216900.000 145.046 21.337 330.604
5006.772 5383.359 2.940 3.661 199.729
1.000 14.795
4/15/2016 2:14:45 AM 217800.000 145.055 21.344 330.625
5007.771 5383.746 2.940 3.661 199.690
1.000 14.792
4/15/2016 2:29:45 AM 218700.000 145.055 21.351 330.626
5009.058 5384.333 2.941 3.661 199.638
1.000 14.789
4/15/2016 2:44:45 AM 219600.000 145.049 21.345 330.612
5007.997 5383.900 2.940 3.661 199.681
1.000 14.786
4/15/2016 2:59:45 AM 220500.000 145.057 21.347 330.629
5009.263 5384.970 2.941 3.662 199.630
1.000 14.786
4/15/2016 3:14:45 AM 221400.000 145.064 21.348 330.646
5010.329 5386.019 2.942 3.662 199.588
1.000 14.789
4/15/2016 3:29:45 AM 222300.000 145.065 21.347 330.647
5011.023 5386.931 2.942 3.663 199.560
1.000 14.785
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5009.536 5386.234 2.942 3.663 199.619
1.000 14.779
4/15/2016 3:59:45 AM 224100.000 145.092 21.338 330.709
5011.472 5388.364 2.943 3.664 199.542
1.000 14.783
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1.000 14.783
4/15/2016 4:29:45 AM 225900.000 145.080 21.346 330.681
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1.000 14.789
4/15/2016 4:44:45 AM 226800.000 145.081 21.344 330.684
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1.000 14.783
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5016.128 5393.118 2.946 3.667 199.357
1.000 14.785
4/15/2016 5:14:45 AM 228600.000 145.058 21.338 330.631
5016.116 5393.396 2.946 3.668 199.357
1.000 14.787
4/15/2016 5:29:45 AM 229500.000 145.095 21.344 330.716
5017.553 5394.243 2.947 3.668 199.300
1.000 14.787
4/15/2016 5:44:45 AM 230400.000 145.092 21.346 330.709

5020.896	5397.632	2.948	3.670	199.168	
1.000	14.788				
4/15/2016 5:59:45 AM	231300.000	145.105	21.341	330.739	
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1.000	14.789				
4/15/2016 6:14:45 AM	232200.000	145.135	21.344	330.806	
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1.000	14.790				
4/15/2016 6:29:45 AM	233100.000	145.099	21.343	330.726	
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4/15/2016 6:44:45 AM	234000.000	145.138	21.346	330.815	
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4/15/2016 6:59:45 AM	234900.000	145.106	21.345	330.742	
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1.000	14.791				
4/15/2016 7:14:45 AM	235800.000	145.108	21.340	330.747	
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1.000	14.794				
4/15/2016 7:29:45 AM	236700.000	145.099	21.344	330.724	
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1.000	14.797				
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1.000	14.800				
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1.000	14.801				
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1.000	14.800				
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1.000	14.798				
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1.000	14.797				
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1.000	14.792				
4/15/2016 9:14:45 AM	243000.000	145.110	21.343	330.750	
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1.000	14.798				
4/15/2016 9:29:45 AM	243900.000	145.115	21.338	330.763	
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1.000	14.794				
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1.000	14.795				
4/15/2016 9:59:45 AM	245700.000	145.110	21.342	330.750	
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1.000	14.800				

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1.000 14.799
4/15/2016 10:44:45 AM 248400.000 145.105 21.344 330.739
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1.000 14.796
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1.000 14.807
4/15/2016 11:14:45 AM 250200.000 145.097 21.347 330.721
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1.000 14.799
4/15/2016 11:29:45 AM 251100.000 145.096 21.339 330.718
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1.000 14.795
4/15/2016 11:44:45 AM 252000.000 145.082 21.338 330.686
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1.000 14.796
4/15/2016 11:59:45 AM 252900.000 145.079 21.340 330.679
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1.000 14.792
4/15/2016 12:14:45 PM 253800.000 145.068 21.342 330.654
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1.000 14.793
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4/16/2016 2:29:45 PM	348300.000	144.865	21.333	330.193
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1.000	14.767			
4/16/2016 2:59:45 PM	350100.000	144.861	21.336	330.183
4957.425	5330.444	2.909	3.625	201.718
1.000	14.771			
4/16/2016 3:14:45 PM	351000.000	144.806	21.333	330.059
4956.193	5329.465	2.909	3.624	201.768
1.000	14.778			
4/16/2016 3:29:45 PM	351900.000	144.861	21.338	330.182
4958.764	5331.729	2.910	3.626	201.663
1.000	14.767			
4/16/2016 3:44:45 PM	352800.000	144.855	21.340	330.169
4958.138	5330.836	2.910	3.625	201.689
1.000	14.765			
4/16/2016 3:59:45 PM	353700.000	144.886	21.342	330.240
4957.763	5330.164	2.909	3.625	201.704
1.000	14.766			
4/16/2016 4:14:45 PM	354600.000	144.845	21.344	330.146
4958.133	5330.362	2.909	3.625	201.689
1.000	14.761			
4/16/2016 4:29:45 PM	355500.000	144.836	21.339	330.125
4956.755	5329.426	2.909	3.624	201.745
1.000	14.768			
4/16/2016 4:44:45 PM	356400.000	144.850	21.338	330.158
4956.136	5328.819	2.908	3.624	201.770
1.000	14.759			
4/16/2016 4:59:45 PM	357300.000	144.847	21.336	330.152
4957.049	5330.040	2.909	3.624	201.733
1.000	14.757			
4/16/2016 5:14:45 PM	358200.000	144.838	21.333	330.131
4957.251	5330.593	2.909	3.625	201.725
1.000	14.760			
4/16/2016 5:29:45 PM	359100.000	144.844	21.331	330.144
4957.158	5330.675	2.909	3.625	201.728
1.000	14.758			
4/16/2016 5:44:45 PM	360000.000	144.833	21.336	330.120
4957.636	5330.680	2.910	3.625	201.709
1.000	14.760			
4/16/2016 5:59:45 PM	360900.000	144.823	21.341	330.096
4958.564	5331.170	2.910	3.625	201.671
1.000	14.759			
4/16/2016 6:14:45 PM	361800.000	144.826	21.336	330.104
4956.994	5330.048	2.909	3.624	201.735
1.000	14.755			
4/16/2016 6:29:45 PM	362700.000	144.827	21.341	330.107
4958.493	5331.036	2.910	3.625	201.674
1.000	14.752			
4/16/2016 6:44:45 PM	363600.000	144.822	21.337	330.094
4958.842	5331.823	2.910	3.626	201.660
1.000	14.757			
4/16/2016 6:59:45 PM	364500.000	144.836	21.340	330.126
4958.024	5330.714	2.910	3.625	201.693

1.000 14.755
4/16/2016 7:14:45 PM 365400.000 144.821 21.340 330.093
4957.985 5330.605 2.909 3.625 201.695
1.000 14.760
4/16/2016 7:29:45 PM 366300.000 144.858 21.347 330.176
4958.496 5330.377 2.909 3.625 201.674
1.000 14.755
4/16/2016 7:44:45 PM 367200.000 144.854 21.345 330.166
4959.313 5331.504 2.910 3.625 201.641
1.000 14.754
4/16/2016 7:59:45 PM 368100.000 144.817 21.340 330.082
4958.233 5330.872 2.910 3.625 201.685
1.000 14.759
4/16/2016 8:14:45 PM 369000.000 144.822 21.338 330.095
4958.479 5331.415 2.910 3.625 201.675
1.000 14.755
4/16/2016 8:29:45 PM 369900.000 144.822 21.339 330.094
4959.328 5332.134 2.910 3.626 201.640
1.000 14.755
4/16/2016 8:44:45 PM 370800.000 144.793 21.342 330.029
4960.127 5332.715 2.911 3.626 201.608
1.000 14.754
4/16/2016 8:59:45 PM 371700.000 144.827 21.335 330.106
4958.133 5331.301 2.910 3.625 201.689
1.000 14.756
4/16/2016 9:14:45 PM 372600.000 144.818 21.344 330.085
4960.646 5333.082 2.911 3.626 201.587
1.000 14.760
4/16/2016 9:29:45 PM 373500.000 144.815 21.341 330.079
4960.229 5332.932 2.911 3.626 201.604
1.000 14.762
4/16/2016 9:44:45 PM 374400.000 144.831 21.334 330.114
4959.384 5332.819 2.911 3.626 201.638
1.000 14.760
4/16/2016 9:59:45 PM 375300.000 144.825 21.342 330.101
4961.065 5333.744 2.911 3.627 201.570
1.000 14.766
4/16/2016 10:14:45 PM 376200.000 144.811 21.346 330.069
4961.788 5334.041 2.911 3.627 201.540
1.000 14.765
4/16/2016 10:29:45 PM 377100.000 144.828 21.345 330.108
4962.319 5334.785 2.912 3.628 201.519
1.000 14.763
4/16/2016 10:44:45 PM 378000.000 144.831 21.346 330.116
4963.187 5335.583 2.912 3.628 201.483
1.000 14.759
4/16/2016 10:59:45 PM 378900.000 144.833 21.343 330.118
4962.855 5335.553 2.912 3.628 201.497
1.000 14.759
4/16/2016 11:14:45 PM 379800.000 144.792 21.340 330.026
4963.054 5336.055 2.913 3.629 201.489
1.000 14.762
4/16/2016 11:29:45 PM 380700.000 144.841 21.339 330.137
4963.251 5336.363 2.913 3.629 201.481
1.000 14.755
4/16/2016 11:44:45 PM 381600.000 144.831 21.341 330.114

4962.217 5335.059 2.912 3.628 201.523
1.000 14.763
4/16/2016 11:59:45 PM 382500.000 144.831 21.337 330.115
4961.849 5335.057 2.912 3.628 201.538
1.000 14.761
4/17/2016 12:14:45 AM 383400.000 144.840 21.345 330.134
4962.792 5335.216 2.912 3.628 201.499
1.000 14.762
4/17/2016 12:29:45 AM 384300.000 144.840 21.341 330.135
4963.427 5336.408 2.913 3.629 201.474
1.000 14.755
4/17/2016 12:44:45 AM 385200.000 144.843 21.338 330.141
4964.121 5337.490 2.913 3.629 201.446
1.000 14.751
4/17/2016 12:59:45 AM 386100.000 144.833 21.341 330.119
4966.135 5339.252 2.915 3.631 201.364
1.000 14.757
4/17/2016 1:14:45 AM 387000.000 144.855 21.348 330.168
4968.231 5340.726 2.915 3.632 201.279
1.000 14.752
4/17/2016 1:29:45 AM 387900.000 144.843 21.345 330.142
4967.480 5340.342 2.915 3.631 201.309
1.000 14.756
4/17/2016 1:44:45 AM 388800.000 144.852 21.343 330.163
4967.592 5340.665 2.915 3.632 201.305
1.000 14.754
4/17/2016 1:59:45 AM 389700.000 144.836 21.343 330.125
4968.324 5341.432 2.916 3.632 201.275
1.000 14.754
4/17/2016 2:14:45 AM 390600.000 144.844 21.346 330.145
4970.719 5343.651 2.917 3.634 201.178
1.000 14.751
4/17/2016 2:29:45 AM 391500.000 144.847 21.343 330.152
4971.625 5345.000 2.918 3.635 201.141
1.000 14.748
4/17/2016 2:44:45 AM 392400.000 144.848 21.340 330.153
4972.410 5346.132 2.919 3.635 201.110
1.000 14.748
4/17/2016 2:59:45 AM 393300.000 144.839 21.344 330.133
4974.115 5347.582 2.919 3.636 201.041
1.000 14.746
4/17/2016 3:14:45 AM 394200.000 144.856 21.339 330.171
4975.103 5349.162 2.920 3.637 201.001
1.000 14.748
4/17/2016 3:29:45 AM 395100.000 144.851 21.347 330.160
4975.368 5348.524 2.920 3.637 200.990
1.000 14.745
4/17/2016 3:44:45 AM 396000.000 144.883 21.347 330.232
4976.754 5350.062 2.921 3.638 200.934
1.000 14.745
4/17/2016 3:59:45 AM 396900.000 144.855 21.340 330.169
4977.351 5351.483 2.922 3.639 200.910
1.000 14.736
4/17/2016 4:14:45 AM 397800.000 144.860 21.342 330.181
4978.330 5352.228 2.922 3.640 200.871
1.000 14.739

4/17/2016 4:29:45 AM	398700.000	144.849	21.339	330.156	
4980.289	5354.768	2.924	3.641	200.792	
1.000	14.742				
4/17/2016 4:44:45 AM	399600.000	144.856	21.344	330.172	
4981.371	5355.305	2.924	3.642	200.748	
1.000	14.737				
4/17/2016 4:59:45 AM	400500.000	144.855	21.345	330.169	
4982.836	5356.842	2.925	3.643	200.689	
1.000	14.740				
4/17/2016 5:14:45 AM	401400.000	144.854	21.345	330.167	
4984.570	5358.619	2.926	3.644	200.619	
1.000	14.738				
4/17/2016 5:29:45 AM	402300.000	144.855	21.339	330.169	
4983.727	5358.386	2.926	3.644	200.653	
1.000	14.738				
4/17/2016 5:44:45 AM	403200.000	144.859	21.341	330.179	
4984.965	5359.526	2.926	3.644	200.603	
1.000	14.734				
4/17/2016 5:59:45 AM	404100.000	144.857	21.342	330.173	
4985.975	5360.534	2.927	3.645	200.563	
1.000	14.729				
4/17/2016 6:14:45 AM	405000.000	144.861	21.337	330.182	
4985.329	5360.341	2.927	3.645	200.589	
1.000	14.732				
4/17/2016 6:29:45 AM	405900.000	144.868	21.338	330.198	
4986.550	5361.578	2.927	3.646	200.539	
1.000	14.733				
4/17/2016 6:44:45 AM	406800.000	144.868	21.337	330.198	
4987.831	5363.070	2.928	3.647	200.488	
1.000	14.738				
4/17/2016 6:59:45 AM	407700.000	144.863	21.337	330.187	
4989.908	5365.284	2.930	3.648	200.404	
1.000	14.733				
4/17/2016 7:14:45 AM	408600.000	144.864	21.342	330.190	
4990.100	5364.919	2.929	3.648	200.397	
1.000	14.734				
4/17/2016 7:29:45 AM	409500.000	144.873	21.342	330.210	
4990.414	5365.249	2.930	3.648	200.384	
1.000	14.734				
4/17/2016 7:44:45 AM	410400.000	144.858	21.344	330.176	
4991.039	5365.757	2.930	3.649	200.359	
1.000	14.740				
4/17/2016 7:59:45 AM	411300.000	144.869	21.345	330.202	
4992.269	5366.896	2.931	3.649	200.310	
1.000	14.730				
4/17/2016 8:14:45 AM	412200.000	144.873	21.344	330.210	
4992.059	5366.775	2.931	3.649	200.318	
1.000	14.735				
4/17/2016 8:29:45 AM	413100.000	144.862	21.346	330.184	
4992.343	5366.889	2.931	3.649	200.307	
1.000	14.738				
4/17/2016 8:44:45 AM	414000.000	144.873	21.348	330.209	
4993.043	5367.447	2.931	3.650	200.279	
1.000	14.738				
4/17/2016 8:59:45 AM	414900.000	144.871	21.343	330.207	
4991.989	5366.902	2.931	3.649	200.321	

1.000 14.738
4/17/2016 9:14:45 AM 415800.000 144.883 21.345 330.234
4993.624 5368.429 2.931 3.651 200.255
1.000 14.732
4/17/2016 9:29:45 AM 416700.000 144.883 21.344 330.233
4994.262 5369.223 2.932 3.651 200.230
1.000 14.727
4/17/2016 9:44:45 AM 417600.000 144.873 21.343 330.210
4993.377 5368.396 2.931 3.651 200.265
1.000 14.731
4/17/2016 9:59:45 AM 418500.000 144.891 21.340 330.252
4993.657 5368.958 2.932 3.651 200.254
1.000 14.728
4/17/2016 10:14:45 AM 419400.000 144.880 21.341 330.226
4996.226 5371.613 2.933 3.653 200.151
1.000 14.732
4/17/2016 10:29:45 AM 420300.000 144.875 21.343 330.214
4996.465 5371.667 2.933 3.653 200.141
1.000 14.735
4/17/2016 10:44:45 AM 421200.000 144.893 21.345 330.257
4998.204 5373.324 2.934 3.654 200.072
1.000 14.724
4/17/2016 10:59:45 AM 422100.000 144.879 21.346 330.224
4999.429 5374.526 2.935 3.655 200.023
1.000 14.729
4/17/2016 11:14:45 AM 423000.000 144.877 21.342 330.220
4998.585 5374.023 2.935 3.654 200.057
1.000 14.736
4/17/2016 11:29:45 AM 423900.000 144.880 21.341 330.226
4998.363 5373.901 2.935 3.654 200.066
1.000 14.735
4/17/2016 11:44:45 AM 424800.000 144.879 21.338 330.225
4997.419 5373.196 2.934 3.654 200.103
1.000 14.733
4/17/2016 11:59:45 AM 425700.000 144.879 21.345 330.223
4998.619 5373.779 2.935 3.654 200.055
1.000 14.735
4/17/2016 12:14:45 PM 426600.000 144.873 21.340 330.210
4998.582 5374.310 2.935 3.655 200.057
1.000 14.737
4/17/2016 12:29:45 PM 427500.000 144.871 21.342 330.206
4999.622 5375.188 2.935 3.655 200.015
1.000 14.736
4/17/2016 12:44:45 PM 428400.000 144.871 21.334 330.206
4999.097 5375.493 2.936 3.655 200.036
1.000 14.735
4/17/2016 12:59:45 PM 429300.000 144.906 21.339 330.285
5000.683 5376.647 2.936 3.656 199.973
1.000 14.731
4/17/2016 1:14:45 PM 430200.000 144.868 21.345 330.199
5002.389 5377.794 2.937 3.657 199.904
1.000 14.727
4/17/2016 1:29:45 PM 431100.000 144.870 21.339 330.203
5002.311 5378.358 2.937 3.657 199.908
1.000 14.726
4/17/2016 1:44:45 PM 432000.000 144.894 21.334 330.257

5002.790	5379.444	2.938	3.658	199.888	1.000	14.731
4/17/2016 1:59:45 PM	432900.000	144.857	21.343	330.175		
5004.155	5379.886	2.938	3.658	199.834	1.000	14.736
4/17/2016 2:14:45 PM	433800.000	144.859	21.345	330.179		
5004.285	5379.871	2.938	3.658	199.829	1.000	14.736
4/17/2016 2:29:45 PM	434700.000	144.852	21.346	330.164		
5003.944	5379.428	2.938	3.658	199.842	1.000	14.735
4/17/2016 2:44:45 PM	435600.000	144.851	21.340	330.161		
5002.874	5378.868	2.938	3.658	199.885	1.000	14.738
4/17/2016 2:59:45 PM	436500.000	144.882	21.346	330.230		
5003.896	5379.309	2.938	3.658	199.844	1.000	14.738
4/17/2016 3:14:45 PM	437400.000	144.843	21.341	330.142		
5004.489	5380.546	2.939	3.659	199.821	1.000	14.740
4/17/2016 3:29:45 PM	438300.000	144.867	21.336	330.196		
5003.629	5380.164	2.938	3.659	199.855	1.000	14.732
4/17/2016 3:44:45 PM	439200.000	144.864	21.337	330.190		
5003.857	5380.225	2.938	3.659	199.846	1.000	14.732
4/17/2016 3:59:45 PM	440100.000	144.857	21.340	330.175		
5004.678	5380.874	2.939	3.659	199.813	1.000	14.737
4/17/2016 4:14:45 PM	441000.000	144.851	21.338	330.160		
5004.558	5380.901	2.939	3.659	199.818	1.000	14.734
4/17/2016 4:29:45 PM	441900.000	144.856	21.342	330.171		
5004.568	5380.446	2.938	3.659	199.817	1.000	14.733
4/17/2016 4:44:45 PM	442800.000	144.860	21.340	330.180		
5003.740	5379.856	2.938	3.658	199.851	1.000	14.729
4/17/2016 4:59:45 PM	443700.000	144.856	21.340	330.171		
5003.350	5379.369	2.938	3.658	199.866	1.000	14.730
4/17/2016 5:14:45 PM	444600.000	144.851	21.342	330.160		
5004.517	5380.430	2.938	3.659	199.819	1.000	14.733
4/17/2016 5:29:45 PM	445500.000	144.861	21.341	330.184		
5003.983	5379.934	2.938	3.658	199.841	1.000	14.732
4/17/2016 5:44:45 PM	446400.000	144.870	21.340	330.204		
5003.818	5379.901	2.938	3.658	199.847	1.000	14.733
4/17/2016 5:59:45 PM	447300.000	144.861	21.348	330.182		
5004.588	5379.829	2.938	3.658	199.817	1.000	14.732
4/17/2016 6:14:45 PM	448200.000	144.856	21.350	330.171		
5004.502	5379.563	2.938	3.658	199.820	1.000	14.732

4/17/2016 6:29:45 PM	449100.000	144.857	21.347	330.173
5003.703	5378.974	2.938	3.658	199.852
1.000	14.734			
4/17/2016 6:44:45 PM	450000.000	144.856	21.348	330.172
5003.970	5379.136	2.938	3.658	199.841
1.000	14.737			
4/17/2016 6:59:45 PM	450900.000	144.873	21.335	330.211
5003.521	5380.163	2.938	3.659	199.859
1.000	14.726			
4/17/2016 7:14:45 PM	451800.000	144.870	21.333	330.203
5002.157	5378.851	2.938	3.658	199.914
1.000	14.731			
4/17/2016 7:29:45 PM	452700.000	144.909	21.337	330.292
5002.206	5378.555	2.937	3.657	199.912
1.000	14.734			
4/17/2016 7:44:45 PM	453600.000	144.873	21.345	330.210
5001.809	5377.238	2.937	3.657	199.928
1.000	14.734			
4/17/2016 7:59:45 PM	454500.000	144.920	21.349	330.318
5001.469	5376.438	2.936	3.656	199.941
1.000	14.739			
4/17/2016 8:14:45 PM	455400.000	144.877	21.343	330.220
5000.139	5375.569	2.936	3.655	199.994
1.000	14.737			
4/17/2016 8:29:45 PM	456300.000	144.888	21.339	330.245
5000.075	5375.954	2.936	3.656	199.997
1.000	14.738			
4/17/2016 8:44:45 PM	457200.000	144.884	21.336	330.235
4999.614	5375.807	2.936	3.656	200.015
1.000	14.740			
4/17/2016 8:59:45 PM	458100.000	144.889	21.349	330.246
5000.288	5375.063	2.935	3.655	199.988
1.000	14.744			
4/17/2016 9:14:45 PM	459000.000	144.886	21.346	330.239
5000.300	5375.500	2.936	3.655	199.988
1.000	14.744			
4/17/2016 9:29:45 PM	459900.000	144.898	21.348	330.268
5000.283	5375.269	2.935	3.655	199.989
1.000	14.743			
4/17/2016 9:44:45 PM	460800.000	144.942	21.344	330.368
4999.595	5374.907	2.935	3.655	200.016
1.000	14.742			
4/17/2016 9:59:45 PM	461700.000	144.897	21.343	330.265
4999.918	5375.379	2.936	3.655	200.003
1.000	14.748			
4/17/2016 10:14:45 PM	462600.000	144.904	21.351	330.280
5000.356	5374.971	2.935	3.655	199.986
1.000	14.744			
4/17/2016 10:29:45 PM	463500.000	144.902	21.343	330.276
4998.935	5374.293	2.935	3.655	200.043
1.000	14.747			
4/17/2016 10:44:45 PM	464400.000	144.909	21.346	330.292
4999.129	5374.232	2.935	3.654	200.035
1.000	14.744			
4/17/2016 10:59:45 PM	465300.000	144.923	21.340	330.325
4999.420	5375.211	2.935	3.655	200.023

1.000 14.743
4/17/2016 11:14:45 PM 466200.000 144.928 21.340 330.335
4998.935 5374.680 2.935 3.655 200.043
1.000 14.741
4/17/2016 11:29:45 PM 467100.000 144.941 21.341 330.365
4999.349 5374.980 2.935 3.655 200.026
1.000 14.738
4/17/2016 11:44:45 PM 468000.000 144.933 21.339 330.348
4999.275 5375.162 2.935 3.655 200.029
1.000 14.745
4/17/2016 11:59:45 PM 468900.000 144.946 21.343 330.377
5000.524 5376.060 2.936 3.656 199.979
1.000 14.734
4/18/2016 12:14:45 AM 469800.000 144.954 21.346 330.394
5002.354 5377.698 2.937 3.657 199.906
1.000 14.735
4/18/2016 12:29:45 AM 470700.000 144.946 21.338 330.376
5002.762 5378.940 2.938 3.658 199.890
1.000 14.743
4/18/2016 12:44:45 AM 471600.000 144.938 21.339 330.358
5001.916 5378.010 2.937 3.657 199.923
1.000 14.744
4/18/2016 12:59:45 AM 472500.000 144.958 21.337 330.403
5002.958 5379.258 2.938 3.658 199.882
1.000 14.740
4/18/2016 1:14:45 AM 473400.000 144.959 21.345 330.407
5003.778 5379.278 2.938 3.658 199.849
1.000 14.737
4/18/2016 1:29:45 AM 474300.000 144.963 21.342 330.415
5004.579 5380.535 2.939 3.659 199.817
1.000 14.741
4/18/2016 1:44:45 AM 475200.000 144.962 21.347 330.412
5004.307 5379.663 2.938 3.658 199.828
1.000 14.745
4/18/2016 1:59:45 AM 476100.000 144.931 21.339 330.342
5005.790 5382.157 2.939 3.660 199.769
1.000 14.741
4/18/2016 2:14:45 AM 477000.000 144.969 21.346 330.428
5005.773 5381.346 2.939 3.659 199.769
1.000 14.738
4/18/2016 2:29:45 AM 477900.000 144.935 21.338 330.351
5005.753 5382.186 2.939 3.660 199.770
1.000 14.741
4/18/2016 2:44:45 AM 478800.000 144.981 21.344 330.456
5007.524 5383.470 2.940 3.661 199.699
1.000 14.734
4/18/2016 2:59:45 AM 479700.000 144.984 21.350 330.463
5007.652 5382.968 2.940 3.660 199.694
1.000 14.735
4/18/2016 3:14:45 AM 480600.000 144.994 21.346 330.485
5007.496 5383.198 2.940 3.661 199.701
1.000 14.734
4/18/2016 3:29:45 AM 481500.000 144.993 21.338 330.483
5007.727 5384.298 2.941 3.661 199.691
1.000 14.735
4/18/2016 3:44:45 AM 482400.000 144.994 21.339 330.485

5008.059	5384.597	2.941	3.662	199.678	
1.000	14.726				
4/18/2016 3:59:45 AM	483300.000	145.001	21.340	330.501	
5009.512	5386.062	2.942	3.663	199.620	
1.000	14.732				
4/18/2016 4:14:45 AM	484200.000	144.992	21.345	330.482	
5009.424	5385.386	2.941	3.662	199.624	
1.000	14.740				
4/18/2016 4:29:45 AM	485100.000	144.997	21.341	330.492	
5010.230	5386.650	2.942	3.663	199.592	
1.000	14.735				
4/18/2016 4:44:45 AM	486000.000	144.992	21.345	330.482	
5010.729	5386.797	2.942	3.663	199.572	
1.000	14.740				
4/18/2016 4:59:45 AM	486900.000	145.006	21.339	330.514	
5010.179	5386.905	2.942	3.663	199.594	
1.000	14.740				
4/18/2016 5:14:45 AM	487800.000	145.007	21.343	330.516	
5010.750	5387.005	2.942	3.663	199.571	
1.000	14.739				
4/18/2016 5:29:45 AM	488700.000	145.005	21.342	330.511	
5010.740	5387.159	2.942	3.663	199.571	
1.000	14.741				
4/18/2016 5:44:45 AM	489600.000	145.006	21.348	330.513	
5012.968	5388.837	2.943	3.664	199.483	
1.000	14.742				
4/18/2016 5:59:45 AM	490500.000	145.007	21.348	330.515	
5014.262	5390.257	2.944	3.665	199.431	
1.000	14.739				
4/18/2016 6:14:45 AM	491400.000	145.009	21.343	330.520	
5013.590	5390.079	2.944	3.665	199.458	
1.000	14.742				
4/18/2016 6:29:45 AM	492300.000	144.982	21.339	330.459	
5012.590	5389.459	2.944	3.665	199.498	
1.000	14.735				
4/18/2016 6:44:45 AM	493200.000	145.062	21.340	330.641	
5014.023	5390.825	2.945	3.666	199.441	
1.000	14.743				
4/18/2016 6:59:45 AM	494100.000	145.024	21.340	330.554	
5014.721	5391.653	2.945	3.666	199.413	
1.000	14.744				
4/18/2016 7:14:45 AM	495000.000	145.016	21.348	330.537	
5016.130	5392.284	2.945	3.667	199.357	
1.000	14.749				
4/18/2016 7:29:45 AM	495900.000	145.029	21.341	330.567	
5014.850	5391.637	2.945	3.666	199.408	
1.000	14.747				
4/18/2016 7:44:45 AM	496800.000	145.037	21.343	330.584	
5015.470	5392.147	2.945	3.667	199.383	
1.000	14.747				
4/18/2016 7:59:45 AM	497700.000	145.023	21.344	330.553	
5016.189	5392.747	2.946	3.667	199.355	
1.000	14.760				
4/18/2016 8:14:45 AM	498600.000	145.024	21.342	330.555	
5015.648	5392.378	2.945	3.667	199.376	
1.000	14.767				

4/18/2016 8:29:45 AM 499500.000 145.077 21.337 330.675
5015.838 5393.165 2.946 3.667 199.368
1.000 14.754
4/18/2016 8:44:45 AM 500400.000 145.029 21.339 330.566
5016.574 5393.694 2.946 3.668 199.339
1.000 14.760
4/18/2016 8:59:45 AM 501300.000 145.037 21.337 330.584
5016.494 5393.917 2.946 3.668 199.342
1.000 14.759
4/18/2016 9:14:45 AM 502200.000 145.026 21.342 330.559
5018.400 5395.327 2.947 3.669 199.267
1.000 14.760
4/18/2016 9:29:45 AM 503100.000 145.035 21.345 330.580
5019.500 5396.199 2.948 3.669 199.223
1.000 14.758
4/18/2016 9:44:45 AM 504000.000 145.036 21.348 330.582
5020.665 5397.083 2.948 3.670 199.177
1.000 14.758
4/18/2016 9:59:45 AM 504900.000 145.031 21.343 330.571
5020.443 5397.456 2.948 3.670 199.186
1.000 14.761
4/18/2016 10:14:45 AM 505800.000 145.028 21.338 330.563
5019.889 5397.375 2.948 3.670 199.208
1.000 14.758
4/18/2016 10:29:45 AM 506700.000 145.040 21.339 330.591
5020.880 5398.333 2.949 3.671 199.168
1.000 14.754
4/18/2016 10:44:45 AM 507600.000 145.032 21.337 330.573
5020.892 5398.618 2.949 3.671 199.168
1.000 14.759
4/18/2016 10:59:45 AM 508500.000 145.061 21.335 330.640
5020.262 5398.097 2.949 3.671 199.193
1.000 14.758
4/18/2016 11:14:45 AM 509400.000 145.010 21.338 330.522
5020.741 5398.330 2.949 3.671 199.174
1.000 14.758
4/18/2016 11:29:45 AM 510300.000 145.006 21.348 330.514
5022.294 5398.873 2.949 3.671 199.112
1.000 14.757
4/18/2016 11:44:45 AM 511200.000 145.007 21.348 330.515
5023.357 5400.006 2.950 3.672 199.070
1.000 14.754
4/18/2016 11:59:45 AM 512100.000 144.994 21.340 330.486
5022.026 5399.459 2.950 3.672 199.123
1.000 14.761
4/18/2016 12:14:45 PM 513000.000 144.986 21.346 330.468
5023.285 5400.181 2.950 3.672 199.073
1.000 14.756
4/18/2016 12:29:45 PM 513900.000 144.980 21.345 330.453
5023.211 5400.247 2.950 3.672 199.076
1.000 14.752
4/18/2016 12:44:45 PM 514800.000 144.972 21.347 330.436
5024.126 5400.959 2.950 3.673 199.040
1.000 14.749
4/18/2016 12:59:45 PM 515700.000 144.965 21.349 330.419
5024.540 5401.190 2.951 3.673 199.023

1.000 14.752
4/18/2016 1:14:45 PM 516600.000 144.955 21.338 330.398
5022.803 5400.508 2.950 3.672 199.092
1.000 14.754
4/18/2016 1:29:45 PM 517500.000 144.944 21.340 330.371
5023.311 5400.869 2.950 3.673 199.072
1.000 14.754
4/18/2016 1:44:45 PM 518400.000 144.941 21.340 330.365
5023.825 5401.373 2.951 3.673 199.052
1.000 14.755
4/18/2016 1:59:45 PM 519300.000 144.933 21.338 330.347
5022.931 5400.685 2.950 3.672 199.087
1.000 14.749
4/18/2016 2:14:45 PM 520200.000 144.914 21.337 330.303
5023.448 5401.385 2.951 3.673 199.066
1.000 14.752
4/18/2016 2:29:45 PM 521100.000 144.906 21.344 330.285
5023.785 5400.902 2.950 3.673 199.053
1.000 14.753
4/18/2016 2:44:45 PM 522000.000 144.893 21.344 330.256
5024.146 5401.370 2.951 3.673 199.039
1.000 14.752
4/18/2016 2:59:45 PM 522900.000 144.877 21.339 330.219
5023.803 5401.466 2.951 3.673 199.052
1.000 14.752
4/18/2016 3:14:45 PM 523800.000 144.872 21.350 330.207
5024.218 5400.766 2.950 3.673 199.036
1.000 14.749
4/18/2016 3:29:45 PM 524700.000 144.855 21.352 330.170
5024.544 5400.913 2.950 3.673 199.023
1.000 14.752
4/18/2016 3:44:45 PM 525600.000 144.846 21.349 330.149
5024.544 5401.176 2.951 3.673 199.023
1.000 14.753
4/18/2016 3:59:45 PM 526500.000 144.830 21.351 330.111
5024.471 5400.872 2.950 3.673 199.026
1.000 14.753
4/18/2016 4:14:45 PM 527400.000 144.821 21.349 330.093
5023.984 5400.583 2.950 3.672 199.045
1.000 14.755
4/18/2016 4:29:45 PM 528300.000 144.817 21.349 330.083
5024.645 5401.332 2.951 3.673 199.019
1.000 14.755
4/18/2016 4:44:45 PM 529200.000 144.803 21.347 330.052
5024.011 5400.864 2.950 3.673 199.044
1.000 14.751
4/18/2016 4:59:45 PM 530100.000 144.785 21.349 330.009
5024.123 5400.684 2.950 3.672 199.040
1.000 14.756
4/18/2016 5:14:45 PM 531000.000 144.775 21.354 329.987
5024.255 5400.369 2.950 3.672 199.034
1.000 14.756
4/18/2016 5:29:45 PM 531900.000 144.780 21.349 329.997
5023.792 5400.356 2.950 3.672 199.053
1.000 14.745
4/18/2016 5:44:45 PM 532800.000 144.760 21.347 329.953

5024.348	5401.167	2.951	3.673	199.031	
1.000	14.753				
4/18/2016 5:59:45 PM	533700.000	144.794	21.350	330.030	
5024.118	5400.589	2.950	3.672	199.040	
1.000	14.753				
4/18/2016 6:14:45 PM	534600.000	144.757	21.353	329.947	
5024.999	5401.256	2.951	3.673	199.005	
1.000	14.742				
4/18/2016 6:29:45 PM	535500.000	144.741	21.355	329.910	
5024.789	5400.778	2.950	3.673	199.013	
1.000	14.747				
4/18/2016 6:44:45 PM	536400.000	144.776	21.358	329.989	
5024.959	5400.640	2.950	3.672	199.007	
1.000	14.742				
4/18/2016 6:59:45 PM	537300.000	144.761	21.359	329.954	
5025.607	5401.189	2.951	3.673	198.981	
1.000	14.745				
4/18/2016 7:14:45 PM	538200.000	144.724	21.361	329.870	
5026.083	5401.545	2.951	3.673	198.962	
1.000	14.743				
4/18/2016 7:29:45 PM	539100.000	144.715	21.363	329.851	
5025.432	5400.624	2.950	3.672	198.988	
1.000	14.747				
4/18/2016 7:44:45 PM	540000.000	144.711	21.361	329.841	
5025.253	5400.664	2.950	3.672	198.995	
1.000	14.747				
4/18/2016 7:59:45 PM	540900.000	144.706	21.351	329.829	
5023.716	5400.032	2.950	3.672	199.056	
1.000	14.748				
4/18/2016 8:14:45 PM	541800.000	144.706	21.344	329.831	
5018.811	5395.583	2.947	3.669	199.250	
1.000	14.750				
4/18/2016 8:29:45 PM	542700.000	144.716	21.340	329.853	
5012.127	5388.835	2.943	3.664	199.516	
1.000	14.750				
4/18/2016 8:44:45 PM	543600.000	144.712	21.338	329.843	
5004.821	5381.165	2.939	3.659	199.807	
1.000	14.747				
4/18/2016 8:59:45 PM	544500.000	144.670	21.337	329.747	
4997.021	5372.875	2.934	3.654	200.119	
1.000	14.747				
4/18/2016 9:14:45 PM	545400.000	144.703	21.338	329.822	
4989.128	5364.369	2.929	3.648	200.436	
1.000	14.753				
4/18/2016 9:29:45 PM	546300.000	144.700	21.337	329.816	
4981.485	5356.227	2.924	3.642	200.743	
1.000	14.754				
4/18/2016 9:44:45 PM	547200.000	144.700	21.337	329.816	
4971.063	5345.049	2.918	3.635	201.164	
1.000	14.754				
4/18/2016 9:59:45 PM	548100.000	144.692	21.336	329.799	
4960.216	5333.425	2.911	3.627	201.604	
1.000	14.753				
4/18/2016 10:14:45 PM	549000.000	144.658	21.335	329.721	
4948.259	5320.741	2.904	3.618	202.091	
1.000	14.756				

4/18/2016 10:29:45 PM 549900.000 144.695 21.324 329.805
4937.168 5310.019 2.897 3.611 202.545
1.000 14.754
4/18/2016 10:44:45 PM 550800.000 144.663 21.314 329.732
4922.902 5295.782 2.889 3.601 203.132
1.000 14.754
4/18/2016 10:59:45 PM 551700.000 144.702 21.314 329.821
4914.159 5286.357 2.884 3.595 203.494
1.000 14.758
4/18/2016 11:14:45 PM 552600.000 144.662 21.316 329.729
4909.809 5281.459 2.881 3.591 203.674
1.000 14.753
4/18/2016 11:29:45 PM 553500.000 144.665 21.317 329.737
4909.158 5280.589 2.880 3.591 203.701
1.000 14.751
4/18/2016 11:44:45 PM 554400.000 144.694 21.319 329.801
4908.240 5279.381 2.880 3.590 203.739
1.000 14.750
4/18/2016 11:59:45 PM 555300.000 144.660 21.322 329.725
4907.751 5278.580 2.879 3.589 203.759
1.000 14.745
4/19/2016 12:14:45 AM 556200.000 144.654 21.319 329.711
4907.750 5278.883 2.879 3.590 203.759
1.000 14.748
4/19/2016 12:29:45 AM 557100.000 144.686 21.323 329.785
4908.216 5279.015 2.879 3.590 203.740
1.000 14.748
4/19/2016 12:44:45 AM 558000.000 144.661 21.323 329.727
4906.970 5277.674 2.879 3.589 203.792
1.000 14.745
4/19/2016 12:59:45 AM 558900.000 144.692 21.327 329.798
4907.532 5277.775 2.879 3.589 203.768
1.000 14.741
4/19/2016 1:14:45 AM 559800.000 144.722 21.327 329.865
4906.809 5276.960 2.878 3.588 203.798
1.000 14.745
4/19/2016 1:29:45 AM 560700.000 144.687 21.327 329.785
4908.277 5278.577 2.879 3.589 203.737
1.000 14.736
4/19/2016 1:44:45 AM 561600.000 144.648 21.330 329.697
4907.678 5277.638 2.879 3.589 203.762
1.000 14.738
4/19/2016 1:59:45 AM 562500.000 144.685 21.329 329.781
4907.313 5277.387 2.879 3.589 203.778
1.000 14.735
4/19/2016 2:14:45 AM 563400.000 144.673 21.329 329.754
4907.333 5277.371 2.879 3.589 203.777
1.000 14.744
4/19/2016 2:29:45 AM 564300.000 144.647 21.324 329.696
4906.521 5277.001 2.878 3.588 203.810
1.000 14.735
4/19/2016 2:44:45 AM 565200.000 144.678 21.328 329.766
4906.836 5276.912 2.878 3.588 203.797
1.000 14.738
4/19/2016 2:59:45 AM 566100.000 144.679 21.332 329.768
4907.828 5277.523 2.879 3.589 203.756

1.000	14.733				
4/19/2016 3:14:45 AM	567000.000	144.687	21.328	329.786	
4906.332	5276.409	2.878	3.588	203.818	
1.000	14.726				
4/19/2016 3:29:45 AM	567900.000	144.679	21.332	329.769	
4907.408	5277.146	2.878	3.588	203.774	
1.000	14.727				
4/19/2016 3:44:45 AM	568800.000	144.677	21.332	329.763	
4907.265	5276.956	2.878	3.588	203.779	
1.000	14.731				
4/19/2016 3:59:45 AM	569700.000	144.663	21.334	329.733	
4907.773	5277.255	2.878	3.589	203.758	
1.000	14.738				
4/19/2016 4:14:45 AM	570600.000	144.669	21.338	329.746	
4907.077	5276.061	2.878	3.588	203.787	
1.000	14.730				
4/19/2016 4:29:45 AM	571500.000	144.676	21.338	329.762	
4908.026	5277.167	2.878	3.588	203.748	
1.000	14.719				
4/19/2016 4:44:45 AM	572400.000	144.668	21.335	329.742	
4907.667	5277.047	2.878	3.588	203.763	
1.000	14.727				
4/19/2016 4:59:45 AM	573300.000	144.636	21.328	329.670	
4905.697	5275.735	2.878	3.587	203.845	
1.000	14.723				
4/19/2016 5:14:45 AM	574200.000	144.711	21.333	329.840	
4905.753	5275.207	2.877	3.587	203.842	
1.000	14.722				
4/19/2016 5:29:45 AM	575100.000	144.661	21.333	329.727	
4906.215	5275.760	2.878	3.588	203.823	
1.000	14.720				
4/19/2016 5:44:45 AM	576000.000	144.675	21.333	329.760	
4905.613	5275.123	2.877	3.587	203.848	
1.000	14.718				
4/19/2016 5:59:45 AM	576900.000	144.678	21.337	329.765	
4904.877	5273.800	2.876	3.586	203.879	
1.000	14.710				
4/19/2016 6:14:45 AM	577800.000	144.666	21.340	329.737	
4905.546	5274.234	2.877	3.586	203.851	
1.000	14.717				
4/19/2016 6:29:45 AM	578700.000	144.671	21.335	329.750	
4905.522	5274.788	2.877	3.587	203.852	
1.000	14.712				
4/19/2016 6:44:45 AM	579600.000	144.670	21.336	329.747	
4904.687	5273.709	2.876	3.586	203.887	
1.000	14.713				
4/19/2016 6:59:45 AM	580500.000	144.670	21.336	329.746	
4905.240	5274.399	2.877	3.587	203.864	
1.000	14.711				
4/19/2016 7:14:45 AM	581400.000	144.665	21.338	329.737	
4905.283	5274.142	2.877	3.586	203.862	
1.000	14.719				
4/19/2016 7:29:45 AM	582300.000	144.666	21.337	329.738	
4904.568	5273.515	2.876	3.586	203.892	
1.000	14.714				
4/19/2016 7:44:45 AM	583200.000	144.660	21.342	329.725	

4905.481 5274.003 2.877 3.586 203.854
1.000 14.711
4/19/2016 7:59:45 AM 584100.000 144.665 21.337 329.737
4904.548 5273.455 2.876 3.586 203.892
1.000 14.712
4/19/2016 8:14:45 AM 585000.000 144.657 21.335 329.718
4904.226 5273.365 2.876 3.586 203.906
1.000 14.715
4/19/2016 8:29:45 AM 585900.000 144.664 21.334 329.733
4904.554 5273.803 2.876 3.586 203.892
1.000 14.715
4/19/2016 8:44:45 AM 586800.000 144.619 21.341 329.632
4905.804 5274.455 2.877 3.587 203.840
1.000 14.711
4/19/2016 8:59:45 AM 587700.000 144.655 21.343 329.714
4906.423 5274.845 2.877 3.587 203.814
1.000 14.716
4/19/2016 9:14:45 AM 588600.000 144.658 21.336 329.720
4905.283 5274.445 2.877 3.587 203.862
1.000 14.716
4/19/2016 9:29:45 AM 589500.000 144.652 21.333 329.707
4904.461 5273.846 2.876 3.586 203.896
1.000 14.715
4/19/2016 9:44:45 AM 590400.000 144.665 21.337 329.737
4905.767 5274.832 2.877 3.587 203.842
1.000 14.713
4/19/2016 9:59:45 AM 591300.000 144.686 21.333 329.783
4904.986 5274.429 2.877 3.587 203.874
1.000 14.719
4/19/2016 10:14:45 AM 592200.000 144.641 21.332 329.681
4905.104 5274.679 2.877 3.587 203.869
1.000 14.720
4/19/2016 10:29:45 AM 593100.000 144.642 21.337 329.685
4906.198 5275.229 2.877 3.587 203.824
1.000 14.718
4/19/2016 10:44:45 AM 594000.000 144.636 21.341 329.671
4906.756 5275.412 2.877 3.587 203.801
1.000 14.717
4/19/2016 10:59:45 AM 594900.000 144.623 21.342 329.640
4907.758 5276.393 2.878 3.588 203.759
1.000 14.722
4/19/2016 11:14:45 AM 595800.000 144.587 21.336 329.557
4907.674 5276.921 2.878 3.588 203.762
1.000 14.718
4/19/2016 11:29:45 AM 596700.000 144.631 21.332 329.660
4906.798 5276.454 2.878 3.588 203.799
1.000 14.715
4/19/2016 11:44:45 AM 597600.000 144.619 21.338 329.630
4908.066 5277.153 2.878 3.588 203.746
1.000 14.720
4/19/2016 11:59:45 AM 598500.000 144.615 21.341 329.622
4908.949 5277.759 2.879 3.589 203.710
1.000 14.718
4/19/2016 12:14:45 PM 599400.000 144.608 21.332 329.607
4907.307 5276.962 2.878 3.588 203.778
1.000 14.720

4/19/2016 12:29:45 PM 600300.000 144.610 21.340 329.611
4909.135 5278.064 2.879 3.589 203.702
1.000 14.713
4/19/2016 12:44:45 PM 601200.000 144.603 21.340 329.594
4908.881 5277.792 2.879 3.589 203.712
1.000 14.714
4/19/2016 12:59:45 PM 602100.000 144.605 21.339 329.599
4908.081 5277.131 2.878 3.588 203.746
1.000 14.713
4/19/2016 1:14:45 PM 603000.000 144.550 21.345 329.473
4910.361 5278.927 2.879 3.590 203.651
1.000 14.716
4/19/2016 1:29:45 PM 603900.000 144.576 21.343 329.534
4911.006 5279.810 2.880 3.590 203.624
1.000 14.717
4/19/2016 1:44:45 PM 604800.000 144.582 21.342 329.548
4912.402 5281.349 2.881 3.591 203.566
1.000 14.714
4/19/2016 1:59:45 PM 605700.000 144.585 21.341 329.554
4912.414 5281.543 2.881 3.591 203.566
1.000 14.714
4/19/2016 2:14:45 PM 606600.000 144.574 21.337 329.529
4912.205 5281.763 2.881 3.592 203.575
1.000 14.715
4/19/2016 2:29:45 PM 607500.000 144.569 21.343 329.517
4912.438 5281.339 2.881 3.591 203.565
1.000 14.714
4/19/2016 2:44:45 PM 608400.000 144.566 21.339 329.511
4911.645 5280.962 2.881 3.591 203.598
1.000 14.714
4/19/2016 2:59:45 PM 609300.000 144.561 21.336 329.499
4912.180 5281.842 2.881 3.592 203.576
1.000 14.715
4/19/2016 3:14:45 PM 610200.000 144.546 21.343 329.465
4913.279 5282.262 2.881 3.592 203.530
1.000 14.715
4/19/2016 3:29:45 PM 611100.000 144.546 21.348 329.465
4914.262 5282.777 2.882 3.592 203.489
1.000 14.710
4/19/2016 3:44:45 PM 612000.000 144.543 21.348 329.458
4914.235 5282.768 2.882 3.592 203.490
1.000 14.708
4/19/2016 3:59:45 PM 612900.000 144.539 21.346 329.448
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1.000 14.702
4/19/2016 4:14:45 PM 613800.000 144.559 21.343 329.494
4914.305 5283.356 2.882 3.593 203.488
1.000 14.706
4/19/2016 4:29:45 PM 614700.000 144.519 21.345 329.404
4914.155 5282.986 2.882 3.592 203.494
1.000 14.701
4/19/2016 4:44:45 PM 615600.000 144.512 21.348 329.388
4915.080 5283.647 2.882 3.593 203.455
1.000 14.699
4/19/2016 4:59:45 PM 616500.000 144.508 21.342 329.378
4914.672 5283.798 2.882 3.593 203.472

1.000 14.697
4/19/2016 5:14:45 PM 617400.000 144.498 21.342 329.355
4915.573 5284.805 2.883 3.594 203.435
1.000 14.700
4/19/2016 5:29:45 PM 618300.000 144.498 21.344 329.356
4915.285 5284.315 2.883 3.593 203.447
1.000 14.689
4/19/2016 5:44:45 PM 619200.000 144.488 21.347 329.333
4915.887 5284.553 2.883 3.593 203.422
1.000 14.690
4/19/2016 5:59:45 PM 620100.000 144.482 21.349 329.318
4916.804 5285.359 2.883 3.594 203.384
1.000 14.689
4/19/2016 6:14:45 PM 621000.000 144.469 21.350 329.290
4916.334 5284.797 2.883 3.594 203.404
1.000 14.690
4/19/2016 6:29:45 PM 621900.000 144.471 21.352 329.293
4916.936 5285.196 2.883 3.594 203.379
1.000 14.689
4/19/2016 6:44:45 PM 622800.000 144.460 21.354 329.270
4916.396 5284.434 2.883 3.593 203.401
1.000 14.687
4/19/2016 6:59:45 PM 623700.000 144.453 21.357 329.254
4917.815 5285.600 2.883 3.594 203.342
1.000 14.688
4/19/2016 7:14:45 PM 624600.000 144.452 21.356 329.252
4917.876 5285.817 2.883 3.594 203.340
1.000 14.693
4/19/2016 7:29:45 PM 625500.000 144.473 21.359 329.298
4918.071 5285.664 2.883 3.594 203.332
1.000 14.690
4/19/2016 7:44:45 PM 626400.000 144.440 21.361 329.223
4917.932 5285.287 2.883 3.594 203.337
1.000 14.685
4/19/2016 7:59:45 PM 627300.000 144.439 21.362 329.222
4918.848 5286.138 2.884 3.595 203.300
1.000 14.693
4/19/2016 8:14:45 PM 628200.000 144.433 21.354 329.207
4918.545 5286.650 2.884 3.595 203.312
1.000 14.697
4/19/2016 8:29:45 PM 629100.000 144.433 21.343 329.208
4912.908 5281.854 2.881 3.592 203.545
1.000 14.699
4/19/2016 8:44:45 PM 630000.000 144.450 21.326 329.247
4905.493 5275.658 2.878 3.587 203.853
1.000 14.696
4/19/2016 8:59:45 PM 630900.000 144.407 21.318 329.148
4895.757 5266.069 2.872 3.581 204.258
1.000 14.706
4/19/2016 9:14:45 PM 631800.000 144.444 21.317 329.233
4891.771 5261.877 2.869 3.578 204.425
1.000 14.705
4/19/2016 9:29:45 PM 632700.000 144.450 21.317 329.246
4888.455 5258.404 2.867 3.576 204.564
1.000 14.709
4/19/2016 9:44:45 PM 633600.000 144.438 21.321 329.220

4886.354 5255.614 2.866 3.574 204.652
1.000 14.706
4/19/2016 9:59:45 PM 634500.000 144.440 21.322 329.224
4885.089 5254.178 2.865 3.573 204.705
1.000 14.709
4/19/2016 10:14:45 PM 635400.000 144.435 21.325 329.213
4884.123 5252.808 2.864 3.572 204.745
1.000 14.710
4/19/2016 10:29:45 PM 636300.000 144.434 21.326 329.209
4883.855 5252.463 2.864 3.572 204.756
1.000 14.707
4/19/2016 10:44:45 PM 637200.000 144.436 21.325 329.214
4884.011 5252.763 2.864 3.572 204.750
1.000 14.707
4/19/2016 10:59:45 PM 638100.000 144.442 21.325 329.227
4884.173 5252.891 2.864 3.572 204.743
1.000 14.704
4/19/2016 11:14:45 PM 639000.000 144.444 21.329 329.233
4883.849 5252.134 2.864 3.571 204.757
1.000 14.703
4/19/2016 11:29:45 PM 639900.000 144.436 21.325 329.214
4884.200 5252.872 2.864 3.572 204.742
1.000 14.707
4/19/2016 11:44:45 PM 640800.000 144.446 21.329 329.236
4885.589 5254.006 2.865 3.573 204.684
1.000 14.699
4/19/2016 11:59:45 PM 641700.000 144.483 21.331 329.320
4885.794 5254.000 2.865 3.573 204.675
1.000 14.705
4/20/2016 12:14:45 AM 642600.000 144.440 21.330 329.222
4885.492 5253.770 2.865 3.573 204.688
1.000 14.703
4/20/2016 12:29:45 AM 643500.000 144.444 21.334 329.233
4886.546 5254.449 2.865 3.573 204.644
1.000 14.706
4/20/2016 12:44:45 AM 644400.000 144.440 21.331 329.224
4885.823 5254.002 2.865 3.573 204.674
1.000 14.712
4/20/2016 12:59:45 AM 645300.000 144.413 21.330 329.161
4885.341 5253.627 2.865 3.572 204.694
1.000 14.706
4/20/2016 1:14:45 AM 646200.000 144.447 21.331 329.239
4885.469 5253.679 2.865 3.573 204.689
1.000 14.708
4/20/2016 1:29:45 AM 647100.000 144.457 21.331 329.262
4887.178 5255.422 2.866 3.574 204.617
1.000 14.704
4/20/2016 1:44:45 AM 648000.000 144.452 21.332 329.251
4888.568 5256.803 2.867 3.575 204.559
1.000 14.703
4/20/2016 1:59:45 AM 648900.000 144.461 21.336 329.271
4888.600 5256.506 2.866 3.574 204.558
1.000 14.698
4/20/2016 2:14:45 AM 649800.000 144.454 21.333 329.256
4889.251 5257.473 2.867 3.575 204.530
1.000 14.706

4/20/2016 2:29:45 AM	650700.000	144.462	21.337	329.273	
4889.946	5257.774	2.867	3.575	204.501	
1.000	14.707				
4/20/2016 2:44:45 AM	651600.000	144.455	21.332	329.257	
4890.081	5258.467	2.868	3.576	204.496	
1.000	14.707				
4/20/2016 2:59:45 AM	652500.000	144.456	21.342	329.259	
4891.740	5259.190	2.868	3.576	204.426	
1.000	14.704				
4/20/2016 3:14:45 AM	653400.000	144.464	21.340	329.279	
4892.771	5260.471	2.869	3.577	204.383	
1.000	14.703				
4/20/2016 3:29:45 AM	654300.000	144.452	21.342	329.250	
4893.484	5261.019	2.869	3.577	204.353	
1.000	14.701				
4/20/2016 3:44:45 AM	655200.000	144.465	21.344	329.280	
4895.113	5262.571	2.870	3.579	204.285	
1.000	14.694				
4/20/2016 3:59:45 AM	656100.000	144.469	21.342	329.289	
4896.620	5264.448	2.871	3.580	204.223	
1.000	14.698				
4/20/2016 4:14:45 AM	657000.000	144.430	21.336	329.200	
4898.169	5266.729	2.872	3.581	204.158	
1.000	14.703				
4/20/2016 4:29:45 AM	657900.000	144.465	21.335	329.281	
4897.509	5266.171	2.872	3.581	204.185	
1.000	14.700				
4/20/2016 4:44:45 AM	658800.000	144.426	21.342	329.190	
4898.692	5266.609	2.872	3.581	204.136	
1.000	14.700				
4/20/2016 4:59:45 AM	659700.000	144.441	21.337	329.226	
4899.071	5267.576	2.873	3.582	204.120	
1.000	14.700				
4/20/2016 5:14:45 AM	660600.000	144.457	21.336	329.262	
4900.316	5269.010	2.874	3.583	204.068	
1.000	14.702				
4/20/2016 5:29:45 AM	661500.000	144.466	21.338	329.282	
4901.944	5270.561	2.875	3.584	204.001	
1.000	14.707				
4/20/2016 5:44:45 AM	662400.000	144.470	21.343	329.292	
4902.169	5270.271	2.874	3.584	203.991	
1.000	14.697				
4/20/2016 5:59:45 AM	663300.000	144.479	21.336	329.311	
4902.861	5271.766	2.875	3.585	203.963	
1.000	14.698				
4/20/2016 6:14:45 AM	664200.000	144.467	21.334	329.285	
4903.750	5272.996	2.876	3.586	203.926	
1.000	14.699				
4/20/2016 6:29:45 AM	665100.000	144.469	21.334	329.290	
4903.510	5272.729	2.876	3.585	203.936	
1.000	14.700				
4/20/2016 6:44:45 AM	666000.000	144.460	21.344	329.269	
4905.814	5274.086	2.877	3.586	203.840	
1.000	14.707				
4/20/2016 6:59:45 AM	666900.000	144.476	21.339	329.304	
4905.548	5274.312	2.877	3.587	203.851	

1.000 14.704
4/20/2016 7:14:45 AM 667800.000 144.471 21.334 329.294
4906.165 5275.612 2.877 3.587 203.825
1.000 14.706
4/20/2016 7:29:45 AM 668700.000 144.473 21.338 329.298
4907.691 5276.815 2.878 3.588 203.762
1.000 14.700
4/20/2016 7:44:45 AM 669600.000 144.460 21.336 329.269
4908.745 5278.091 2.879 3.589 203.718
1.000 14.706
4/20/2016 7:59:45 AM 670500.000 144.466 21.342 329.282
4909.541 5278.281 2.879 3.589 203.685
1.000 14.707
4/20/2016 8:14:45 AM 671400.000 144.466 21.345 329.283
4909.934 5278.448 2.879 3.589 203.669
1.000 14.711
4/20/2016 8:29:45 AM 672300.000 144.470 21.345 329.292
4910.494 5279.069 2.880 3.590 203.646
1.000 14.710
4/20/2016 8:44:45 AM 673200.000 144.472 21.342 329.297
4911.149 5280.049 2.880 3.590 203.618
1.000 14.708
4/20/2016 8:59:45 AM 674100.000 144.473 21.336 329.299
4910.910 5280.420 2.880 3.591 203.628
1.000 14.709
4/20/2016 9:14:45 AM 675000.000 144.476 21.333 329.305
4910.910 5280.762 2.880 3.591 203.628
1.000 14.713
4/20/2016 9:29:45 AM 675900.000 144.472 21.334 329.297
4912.857 5282.798 2.882 3.592 203.548
1.000 14.713
4/20/2016 9:44:45 AM 676800.000 144.459 21.335 329.268
4914.679 5284.624 2.883 3.594 203.472
1.000 14.722
4/20/2016 9:59:45 AM 677700.000 144.438 21.335 329.219
4915.501 5285.508 2.883 3.594 203.438
1.000 14.715
4/20/2016 10:14:45 AM 678600.000 144.471 21.336 329.295
4916.083 5285.972 2.884 3.594 203.414
1.000 14.714
4/20/2016 10:29:45 AM 679500.000 144.475 21.336 329.303
4917.900 5287.936 2.885 3.596 203.339
1.000 14.710
4/20/2016 10:44:45 AM 680400.000 144.465 21.336 329.280
4917.449 5287.451 2.884 3.595 203.357
1.000 14.719
4/20/2016 10:59:45 AM 681300.000 144.457 21.334 329.261
4920.103 5290.600 2.886 3.598 203.248
1.000 14.720
4/20/2016 11:14:45 AM 682200.000 144.456 21.341 329.260
4921.032 5290.750 2.886 3.598 203.209
1.000 14.722
4/20/2016 11:29:45 AM 683100.000 144.499 21.342 329.358
4921.561 5291.281 2.887 3.598 203.188
1.000 14.715
4/20/2016 11:44:45 AM 684000.000 144.423 21.332 329.184

4920.434 5291.117 2.887 3.598 203.234
1.000 14.713
4/20/2016 11:59:45 AM 684900.000 144.449 21.335 329.245
4921.808 5292.232 2.887 3.599 203.177
1.000 14.720
4/20/2016 12:14:45 PM 685800.000 144.444 21.334 329.232
4921.368 5291.892 2.887 3.598 203.196
1.000 14.717
4/20/2016 12:29:45 PM 686700.000 144.394 21.344 329.118
4923.818 5293.431 2.888 3.600 203.094
1.000 14.718
4/20/2016 12:44:45 PM 687600.000 144.427 21.340 329.194
4924.524 5294.601 2.889 3.600 203.065
1.000 14.715
4/20/2016 12:59:45 PM 688500.000 144.418 21.335 329.173
4923.798 5294.392 2.888 3.600 203.095
1.000 14.717
4/20/2016 1:14:45 PM 689400.000 144.413 21.339 329.161
4925.404 5295.689 2.889 3.601 203.029
1.000 14.719
4/20/2016 1:29:45 PM 690300.000 144.401 21.342 329.135
4926.880 5296.915 2.890 3.602 202.968
1.000 14.720
4/20/2016 1:44:45 PM 691200.000 144.395 21.336 329.121
4927.132 5297.843 2.890 3.603 202.958
1.000 14.717
4/20/2016 1:59:45 PM 692100.000 144.392 21.336 329.113
4927.583 5298.385 2.891 3.603 202.939
1.000 14.712
4/20/2016 2:14:45 PM 693000.000 144.384 21.336 329.095
4927.023 5297.745 2.890 3.602 202.962
1.000 14.714
4/20/2016 2:29:45 PM 693900.000 144.372 21.331 329.068
4927.144 5298.398 2.891 3.603 202.957
1.000 14.714
4/20/2016 2:44:45 PM 694800.000 144.370 21.331 329.063
4927.152 5298.437 2.891 3.603 202.957
1.000 14.705
4/20/2016 2:59:45 PM 695700.000 144.357 21.331 329.033
4927.880 5299.257 2.891 3.603 202.927
1.000 14.711
4/20/2016 3:14:45 PM 696600.000 144.344 21.334 329.004
4928.856 5299.954 2.892 3.604 202.887
1.000 14.715
4/20/2016 3:29:45 PM 697500.000 144.340 21.335 328.996
4928.613 5299.607 2.891 3.604 202.897
1.000 14.710
4/20/2016 3:44:45 PM 698400.000 144.333 21.335 328.980
4929.072 5300.081 2.892 3.604 202.878
1.000 14.706
4/20/2016 3:59:45 PM 699300.000 144.327 21.335 328.965
4929.326 5300.326 2.892 3.604 202.867
1.000 14.706
4/20/2016 4:14:45 PM 700200.000 144.309 21.340 328.926
4930.322 5300.853 2.892 3.605 202.826
1.000 14.709

4/20/2016 4:29:45 PM	701100.000	144.306	21.341	328.918		
4930.654	5301.173	2.892	3.605	202.813		
1.000	14.705					
4/20/2016 4:44:45 PM	702000.000	144.299	21.339	328.902		
4929.967	5300.643	2.892	3.604	202.841		
1.000	14.706					
4/20/2016 4:59:45 PM	702900.000	144.297	21.340	328.897		
4930.530	5301.162	2.892	3.605	202.818		
1.000	14.703					
4/20/2016 5:14:45 PM	703800.000	144.279	21.342	328.857		
4930.626	5300.989	2.892	3.605	202.814		
1.000	14.706					
4/20/2016 5:29:45 PM	704700.000	144.281	21.343	328.862		
4930.950	5301.186	2.892	3.605	202.801		
1.000	14.696					
4/20/2016 5:44:45 PM	705600.000	144.268	21.345	328.831		
4932.012	5302.107	2.893	3.605	202.757		
1.000	14.699					
4/20/2016 5:59:45 PM	706500.000	144.258	21.348	328.810		
4931.974	5301.750	2.893	3.605	202.759		
1.000	14.704					
4/20/2016 6:14:45 PM	707400.000	144.235	21.347	328.757		
4931.849	5301.722	2.893	3.605	202.764		
1.000	14.703					
4/20/2016 6:29:45 PM	708300.000	144.231	21.348	328.747		
4931.938	5301.731	2.893	3.605	202.760		
1.000	14.702					
4/20/2016 6:44:45 PM	709200.000	144.220	21.347	328.723		
4930.704	5300.510	2.892	3.604	202.811		
1.000	14.701					
4/20/2016 6:59:45 PM	710100.000	144.216	21.346	328.713		
4930.373	5300.250	2.892	3.604	202.824		
1.000	14.701					
4/20/2016 7:14:45 PM	711000.000	144.181	21.349	328.632		
4931.252	5300.947	2.892	3.605	202.788		
1.000	14.706					
4/20/2016 7:29:45 PM	711900.000	144.187	21.352	328.648		
4930.989	5300.302	2.892	3.604	202.799		
1.000	14.699					
4/20/2016 7:44:45 PM	712800.000	144.196	21.356	328.668		
4932.665	5301.635	2.893	3.605	202.730		
1.000	14.705					
4/20/2016 7:59:45 PM	713700.000	144.158	21.359	328.582		
4932.425	5301.082	2.892	3.605	202.740		
1.000	14.697					
4/20/2016 8:14:45 PM	714600.000	144.142	21.357	328.543		
4932.665	5301.512	2.893	3.605	202.730		
1.000	14.699					
4/20/2016 8:29:45 PM	715500.000	144.137	21.358	328.533		
4932.147	5300.859	2.892	3.605	202.751		
1.000	14.700					
4/20/2016 8:44:45 PM	716400.000	144.113	21.356	328.477		
4932.305	5301.229	2.892	3.605	202.745		
1.000	14.703					
4/20/2016 8:59:45 PM	717300.000	144.108	21.346	328.466		
4930.123	5299.972	2.892	3.604	202.835		

1.000 14.713
4/20/2016 9:14:45 PM 718200.000 144.102 21.339 328.452
4922.575 5292.628 2.887 3.599 203.146
1.000 14.708
4/20/2016 9:29:45 PM 719100.000 144.090 21.336 328.425
4912.593 5282.219 2.881 3.592 203.559
1.000 14.711
4/20/2016 9:44:45 PM 720000.000 144.079 21.335 328.401
4901.432 5270.389 2.874 3.584 204.022
1.000 14.708
4/20/2016 9:59:45 PM 720900.000 144.036 21.335 328.303
4891.292 5259.486 2.868 3.576 204.445
1.000 14.709
4/20/2016 10:14:45 PM 721800.000 144.058 21.334 328.352
4879.422 5246.817 2.861 3.568 204.942
1.000 14.715
4/20/2016 10:29:45 PM 722700.000 144.045 21.333 328.323
4870.120 5236.870 2.855 3.561 205.334
1.000 14.713
4/20/2016 10:44:45 PM 723600.000 144.037 21.331 328.304
4861.145 5227.445 2.850 3.555 205.713
1.000 14.711
4/20/2016 10:59:45 PM 724500.000 144.000 21.324 328.221
4852.488 5218.935 2.845 3.549 206.080
1.000 14.710
4/20/2016 11:14:45 PM 725400.000 144.028 21.322 328.285
4842.086 5207.926 2.838 3.541 206.523
1.000 14.710
4/20/2016 11:29:45 PM 726300.000 144.024 21.324 328.274
4836.025 5201.163 2.834 3.537 206.781
1.000 14.708
4/20/2016 11:44:45 PM 727200.000 144.014 21.327 328.251
4833.464 5198.146 2.833 3.535 206.891
1.000 14.703
4/20/2016 11:59:45 PM 728100.000 143.965 21.329 328.140
4832.744 5197.101 2.832 3.534 206.922
1.000 14.707

Serial_number:
1071288
Project ID:
MPWSP TSW Long Term
Location:
MPWSP MW-5M
LEVEL
UNIT: ft
Offset: 0.000000 ft
Altitude: 0.000000 ft
Density: 1.000000 kg/L
TEMPERATURE
UNIT: Deg C
CONDUCTIVITY
UNIT: µS/cm

Date	Time	ms	LEVEL	TEMPERAT	CONDUCTIVITY
4/14/2016	0:00:00	0	90.822	17	1200.6
4/14/2016	0:15:00	0	90.778	17	1200.6
4/14/2016	0:30:00	0	90.802	17	1200.6
4/14/2016	0:45:00	0	90.813	17	1200.6
4/14/2016	1:00:00	0	90.788	17	1198.3
4/14/2016	1:15:00	0	90.789	17	1199.4
4/14/2016	1:30:00	0	90.824	17	1200.6
4/14/2016	1:45:00	0	90.78	17	1198.3
4/14/2016	2:00:00	0	90.806	17	1200.6
4/14/2016	2:15:00	0	90.838	17	1199.4
4/14/2016	2:30:00	0	90.809	17	1199.4
4/14/2016	2:45:00	0	90.832	17	1200.6
4/14/2016	3:00:00	0	90.838	17	1198.3
4/14/2016	3:15:00	0	90.818	17	1199.4
4/14/2016	3:30:00	0	90.846	17	1199.4
4/14/2016	3:45:00	0	90.811	17	1199.4
4/14/2016	4:00:00	0	90.819	17	1200.6
4/14/2016	4:15:00	0	90.842	17	1198.3
4/14/2016	4:30:00	0	90.848	17	1199.4
4/14/2016	4:45:00	0	90.835	17	1202.9
4/14/2016	5:00:00	0	90.837	17	1200.6
4/14/2016	5:15:00	0	90.856	17	1200.6
4/14/2016	5:30:00	0	90.869	17	1200.6
4/14/2016	5:45:00	0	90.864	17	1198.3
4/14/2016	6:00:00	0	90.852	17	1200.6
4/14/2016	6:15:00	0	90.826	17	1199.4
4/14/2016	6:30:00	0	90.826	17	1199.4
4/14/2016	6:45:00	0	90.863	17	1200.6
4/14/2016	7:00:00	0	90.854	17	1198.3
4/14/2016	7:15:00	0	90.85	17	1201.8
4/14/2016	7:30:00	0	90.804	17	1198.3

4/14/2016	7:45:00	0	90.838	17	1199.4
4/14/2016	8:00:00	0	90.849	17	1200.6
4/14/2016	8:15:00	0	90.821	17	1200.6
4/14/2016	8:30:00	0	90.816	17	1199.4
4/14/2016	8:45:00	0	90.853	17	1199.4
4/14/2016	9:00:00	0	90.82	17	1199.4
4/14/2016	9:15:00	0	90.811	17	1199.4
4/14/2016	9:30:00	0	90.827	17	1199.4
4/14/2016	9:45:00	0	90.845	17	1200.6
4/14/2016	10:00:00	0	90.866	17	1201.8
4/14/2016	10:15:00	0	90.846	17	1198.3
4/14/2016	10:30:00	0	90.823	17	1200.6
4/14/2016	10:45:00	0	90.858	17	1200.6
4/14/2016	11:00:00	0	90.795	17	1199.4
4/14/2016	11:15:00	0	90.83	17	1199.4
4/14/2016	11:30:00	0	90.829	17	1198.3
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4/14/2016	12:00:00	0	90.835	17	1200.6
4/14/2016	12:15:00	0	90.832	17	1199.4
4/14/2016	12:30:00	0	90.815	17	1198.3
4/14/2016	12:45:00	0	90.837	17	1199.4
4/14/2016	13:00:00	0	90.842	17	1199.4
4/14/2016	13:15:00	0	90.827	17	1198.3
4/14/2016	13:30:00	0	90.833	17	1199.4
4/14/2016	13:45:00	0	90.839	17	1199.4
4/14/2016	14:00:00	0	90.841	17	1201.8
4/14/2016	14:15:00	0	90.84	17	1199.4
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4/14/2016	14:45:00	0	90.846	17	1202.9
4/14/2016	15:00:00	0	90.825	17	1200.6
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4/14/2016	16:00:00	0	90.811	17	1199.4
4/14/2016	16:15:00	0	90.802	17	1198.3
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4/14/2016	17:00:00	0	90.807	17	1197.1
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4/14/2016	18:45:00	0	90.802	17	1197.1
4/14/2016	19:00:00	0	90.819	17	1198.3
4/14/2016	19:15:00	0	90.801	17	1197.1

4/14/2016	19:30:00	0	90.801	17	1199.4
4/14/2016	19:45:00	0	90.775	17	1194.8
4/14/2016	20:00:00	0	90.793	17	1198.3
4/14/2016	20:15:00	0	90.808	17	1198.3
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4/14/2016	20:45:00	0	90.781	17	1198.3
4/14/2016	21:00:00	0	90.815	17	1197.1
4/14/2016	21:15:00	0	90.764	17	1197.1
4/14/2016	21:30:00	0	90.796	17	1196
4/14/2016	21:45:00	0	90.811	17	1198.3
4/14/2016	22:00:00	0	90.813	17	1196
4/14/2016	22:15:00	0	90.8	17	1198.3
4/14/2016	22:30:00	0	90.797	17	1197.1
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4/14/2016	23:00:00	0	90.823	17	1196
4/14/2016	23:15:00	0	90.765	17	1199.4
4/14/2016	23:30:00	0	90.767	17	1199.4
4/14/2016	23:45:00	0	90.788	17	1198.3
4/15/2016	0:00:00	0	90.768	17	1197.1
4/15/2016	0:15:00	0	90.807	17	1197.1
4/15/2016	0:30:00	0	90.792	17	1196
4/15/2016	0:45:00	0	90.79	17	1198.3
4/15/2016	1:00:00	0	90.806	17	1199.4
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4/15/2016	1:45:00	0	90.809	17	1197.1
4/15/2016	2:00:00	0	90.814	17	1198.3
4/15/2016	2:15:00	0	90.782	17	1197.1
4/15/2016	2:30:00	0	90.795	17	1197.1
4/15/2016	2:45:00	0	90.78	17	1198.3
4/15/2016	3:00:00	0	90.803	17	1197.1
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4/15/2016	4:30:00	0	90.836	17	1197.1
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4/15/2016	5:15:00	0	90.82	17	1198.3
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4/16/2016	19:45:00	0	90.642	17	1198.3
4/16/2016	20:00:00	0	90.677	17	1198.3
4/16/2016	20:15:00	0	90.657	17	1198.3
4/16/2016	20:30:00	0	90.657	17	1197.1
4/16/2016	20:45:00	0	90.676	17	1198.3
4/16/2016	21:00:00	0	90.695	17	1198.3
4/16/2016	21:15:00	0	90.651	17	1199.4
4/16/2016	21:30:00	0	90.631	17	1196
4/16/2016	21:45:00	0	90.666	17	1199.4
4/16/2016	22:00:00	0	90.664	17	1197.1
4/16/2016	22:15:00	0	90.645	17	1199.4
4/16/2016	22:30:00	0	90.65	17	1198.3
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4/16/2016	23:15:00	0	90.618	17	1198.3
4/16/2016	23:30:00	0	90.62	17	1198.3
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4/17/2016	0:00:00	0	90.64	17	1197.1
4/17/2016	0:15:00	0	90.642	17	1198.3
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4/17/2016	0:45:00	0	90.627	17	1198.3
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4/17/2016	1:15:00	0	90.648	17	1198.3
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4/17/2016	1:45:00	0	90.611	17	1198.3
4/17/2016	2:00:00	0	90.636	17	1198.3
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4/17/2016	3:30:00	0	90.613	17	1198.3
4/17/2016	3:45:00	0	90.617	17	1200.6
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4/17/2016	4:30:00	0	90.586	17	1197.1
4/17/2016	4:45:00	0	90.586	17	1198.3
4/17/2016	5:00:00	0	90.626	17	1200.6
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4/17/2016	5:45:00	0	90.596	17	1197.1
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4/17/2016	7:15:00	0	90.61	17	1196
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4/17/2016	9:30:00	0	90.63	17	1197.1
4/17/2016	9:45:00	0	90.616	17	1199.4
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4/17/2016	11:15:00	0	90.625	17	1198.3
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4/17/2016	12:00:00	0	90.639	17	1198.3
4/17/2016	12:15:00	0	90.617	17	1197.1
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4/17/2016	14:15:00	0	90.638	17	1198.3
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4/17/2016	16:15:00	0	90.617	17	1198.3
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4/17/2016	17:30:00	0	90.63	17	1197.1
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4/17/2016	20:00:00	0	90.605	17	1198.3
4/17/2016	20:15:00	0	90.639	17	1198.3
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4/17/2016	22:00:00	0	90.627	17	1198.3
4/17/2016	22:15:00	0	90.65	17	1199.4
4/17/2016	22:30:00	0	90.671	17	1196
4/17/2016	22:45:00	0	90.633	17	1198.3
4/17/2016	23:00:00	0	90.651	17	1198.3
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4/17/2016	23:30:00	0	90.679	17	1198.3
4/17/2016	23:45:00	0	90.697	17	1198.3
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4/18/2016	0:30:00	0	90.697	17	1198.3
4/18/2016	0:45:00	0	90.72	17	1198.3
4/18/2016	1:00:00	0	90.698	17	1199.4
4/18/2016	1:15:00	0	90.677	17	1197.1
4/18/2016	1:30:00	0	90.677	17	1198.3
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4/18/2016	2:30:00	0	90.73	17	1197.1
4/18/2016	2:45:00	0	90.712	17	1198.3
4/18/2016	3:00:00	0	90.716	17	1199.4
4/18/2016	3:15:00	0	90.718	17	1198.3
4/18/2016	3:30:00	0	90.718	17	1196
4/18/2016	3:45:00	0	90.702	17	1196
4/18/2016	4:00:00	0	90.736	17	1199.4
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4/18/2016	4:45:00	0	90.747	17	1198.3
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4/18/2016	5:30:00	0	90.724	17	1200.6

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4/18/2016	6:15:00	0	90.805	17	1197.1
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4/18/2016	7:00:00	0	90.745	17	1197.1
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4/18/2016	7:30:00	0	90.751	17	1197.1
4/18/2016	7:45:00	0	90.723	17	1199.4
4/18/2016	8:00:00	0	90.733	17	1198.3
4/18/2016	8:15:00	0	90.734	17	1198.3
4/18/2016	8:30:00	0	90.693	17	1200.6
4/18/2016	8:45:00	0	90.729	17	1197.1
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4/18/2016	13:00:00	0	90.741	17	1199.4
4/18/2016	13:15:00	0	90.757	17	1198.3
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4/18/2016	13:45:00	0	90.713	17	1199.4
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4/18/2016	15:30:00	0	90.689	17	1199.4
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4/18/2016	16:15:00	0	90.694	17	1198.3
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4/18/2016	18:30:00	0	90.685	17	1198.3
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4/18/2016	23:45:00	0	90.62	17	1197.1
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4/19/2016	9:00:00	0	90.59	17	1199.4
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4/19/2016	15:15:00	0	90.492	17	1199.4
4/19/2016	15:30:00	0	90.494	17	1198.3
4/19/2016	15:45:00	0	90.517	17	1199.4
4/19/2016	16:00:00	0	90.485	17	1199.4
4/19/2016	16:15:00	0	90.511	17	1199.4
4/19/2016	16:30:00	0	90.475	17	1199.4
4/19/2016	16:45:00	0	90.48	17	1200.6

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4/19/2016	17:15:00	0	90.485	17	1198.3
4/19/2016	17:30:00	0	90.45	17	1199.4
4/19/2016	17:45:00	0	90.488	17	1198.3
4/19/2016	18:00:00	0	90.469	17	1199.4
4/19/2016	18:15:00	0	90.451	17	1197.1
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4/19/2016	19:15:00	0	90.462	17	1199.4
4/19/2016	19:30:00	0	90.461	17	1198.3
4/19/2016	19:45:00	0	90.423	17	1198.3
4/19/2016	20:00:00	0	90.431	17	1197.1
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4/19/2016	23:15:00	0	90.388	17	1199.4
4/19/2016	23:30:00	0	90.391	17	1198.3
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4/20/2016	0:30:00	0	90.366	17	1199.4
4/20/2016	0:45:00	0	90.369	17	1198.3
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4/20/2016	3:15:00	0	90.342	17	1197.1
4/20/2016	3:30:00	0	90.362	17	1198.3
4/20/2016	3:45:00	0	90.303	17	1198.3
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4/20/2016	5:00:00	0	90.344	17	1198.3
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4/20/2016	5:30:00	0	90.344	17	1199.4
4/20/2016	5:45:00	0	90.345	17	1199.4
4/20/2016	6:00:00	0	90.346	17	1199.4
4/20/2016	6:15:00	0	90.346	17	1198.3
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4/20/2016	15:30:00	0	90.203	17	1198.3
4/20/2016	15:45:00	0	90.223	17	1198.3
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4/20/2016	22:30:00	0	90.173	17	1198.3
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4/20/2016	23:15:00	0	90.145	17	1199.4
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4/20/2016	23:45:00	0	90.104	17	1198.3

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

Date	Time	ms	LEVEL	TEMPERAT	CONDUCTIVITY
4/14/2016	0:00:00	0	26.59	16.4	1974.8
4/14/2016	0:15:00	0	26.625	16.4	1974.8
4/14/2016	0:30:00	0	26.589	16.4	1974.8
4/14/2016	0:45:00	0	26.621	16.4	1973.6
4/14/2016	1:00:00	0	26.595	16.4	1972.5
4/14/2016	1:15:00	0	26.537	16.4	1973.6
4/14/2016	1:30:00	0	26.592	16.4	1972.5
4/14/2016	1:45:00	0	26.626	16.4	1972.5
4/14/2016	2:00:00	0	26.614	16.4	1973.6
4/14/2016	2:15:00	0	26.606	16.4	1973.6
4/14/2016	2:30:00	0	26.596	16.4	1974.8
4/14/2016	2:45:00	0	26.6	16.4	1974.8
4/14/2016	3:00:00	0	26.626	16.4	1974.8
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4/14/2016	3:30:00	0	26.614	16.4	1974.8
4/14/2016	3:45:00	0	26.618	16.4	1974.8
4/14/2016	4:00:00	0	26.646	16.4	1974.8
4/14/2016	4:15:00	0	26.629	16.4	1973.6
4/14/2016	4:30:00	0	26.596	16.4	1973.6
4/14/2016	4:45:00	0	26.603	16.4	1973.6
4/14/2016	5:00:00	0	26.605	16.4	1973.6
4/14/2016	5:15:00	0	26.623	16.4	1973.6
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4/14/2016	5:45:00	0	26.612	16.4	1973.6
4/14/2016	6:00:00	0	26.6	16.4	1973.6
4/14/2016	6:15:00	0	26.594	16.4	1978.3
4/14/2016	6:30:00	0	26.594	16.4	1976
4/14/2016	6:45:00	0	26.572	16.4	1974.8
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4/14/2016	8:00:00	0	26.598	16.4	1973.6
4/14/2016	8:15:00	0	26.589	16.4	1973.6
4/14/2016	8:30:00	0	26.544	16.4	1973.6
4/14/2016	8:45:00	0	26.562	16.4	1973.6
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4/14/2016	10:15:00	0	26.595	16.4	1973.6
4/14/2016	10:30:00	0	26.571	16.4	1973.6
4/14/2016	10:45:00	0	26.547	16.4	1974.8
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4/14/2016	11:30:00	0	26.578	16.4	1974.8
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4/14/2016	12:00:00	0	26.584	16.4	1976
4/14/2016	12:15:00	0	26.581	16.4	1973.6
4/14/2016	12:30:00	0	26.602	16.4	1973.6
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4/14/2016	13:45:00	0	26.607	16.4	1976
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4/14/2016	14:30:00	0	26.612	16.4	1973.6
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4/14/2016	15:00:00	0	26.613	16.4	1973.6
4/14/2016	15:15:00	0	26.578	16.4	1972.5
4/14/2016	15:30:00	0	26.634	16.4	1973.6
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4/14/2016	20:45:00	0	26.608	16.4	1974.8
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4/14/2016	22:45:00	0	26.627	16.4	1976
4/14/2016	23:00:00	0	26.611	16.4	1976
4/14/2016	23:15:00	0	26.572	16.4	1976
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4/15/2016	0:00:00	0	26.594	16.4	1974.8
4/15/2016	0:15:00	0	26.615	16.4	1974.8
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4/15/2016	2:15:00	0	26.609	16.4	1978.3
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4/15/2016	5:45:00	0	26.623	16.4	1976
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4/15/2016	12:30:00	0	26.649	16.4	1976
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4/16/2016	1:45:00	0	26.569	16.4	1974.8
4/16/2016	2:00:00	0	26.57	16.4	1974.8
4/16/2016	2:15:00	0	26.655	16.4	1976
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4/16/2016	5:00:00	0	26.626	16.4	1976
4/16/2016	5:15:00	0	26.621	16.4	1976
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4/16/2016	11:00:00	0	26.605	16.4	1978.3
4/16/2016	11:15:00	0	26.608	16.4	1978.3
4/16/2016	11:30:00	0	26.632	16.4	1978.3
4/16/2016	11:45:00	0	26.634	16.4	1978.3
4/16/2016	12:00:00	0	26.642	16.4	1978.3
4/16/2016	12:15:00	0	26.626	16.4	1976
4/16/2016	12:30:00	0	26.61	16.4	1978.3
4/16/2016	12:45:00	0	26.647	16.4	1978.3
4/16/2016	13:00:00	0	26.645	16.4	1978.3
4/16/2016	13:15:00	0	26.646	16.4	1978.3
4/16/2016	13:30:00	0	26.609	16.4	1978.3
4/16/2016	13:45:00	0	26.623	16.4	1976
4/16/2016	14:00:00	0	26.602	16.4	1978.3
4/16/2016	14:15:00	0	26.576	16.4	1978.3
4/16/2016	14:30:00	0	26.597	16.4	1978.3
4/16/2016	14:45:00	0	26.655	16.4	1976
4/16/2016	15:00:00	0	26.577	16.4	1978.3
4/16/2016	15:15:00	0	26.579	16.4	1978.3
4/16/2016	15:30:00	0	26.623	16.4	1978.3
4/16/2016	15:45:00	0	26.627	16.4	1979.5
4/16/2016	16:00:00	0	26.631	16.4	1978.3
4/16/2016	16:15:00	0	26.652	16.4	1978.3
4/16/2016	16:30:00	0	26.634	16.4	1978.3
4/16/2016	16:45:00	0	26.614	16.4	1976
4/16/2016	17:00:00	0	26.614	16.4	1976
4/16/2016	17:15:00	0	26.578	16.4	1976
4/16/2016	17:30:00	0	26.638	16.4	1976
4/16/2016	17:45:00	0	26.601	16.4	1978.3
4/16/2016	18:00:00	0	26.663	16.4	1978.3
4/16/2016	18:15:00	0	26.624	16.4	1979.5

4/16/2016	18:30:00	0	26.604	16.4	1978.3
4/16/2016	18:45:00	0	26.604	16.4	1978.3
4/16/2016	19:00:00	0	26.644	16.4	1978.3
4/16/2016	19:15:00	0	26.602	16.4	1978.3
4/16/2016	19:30:00	0	26.604	16.4	1978.3
4/16/2016	19:45:00	0	26.626	16.4	1978.3
4/16/2016	20:00:00	0	26.641	16.4	1978.3
4/16/2016	20:15:00	0	26.641	16.4	1978.3
4/16/2016	20:30:00	0	26.602	16.4	1978.3
4/16/2016	20:45:00	0	26.581	16.4	1978.3
4/16/2016	21:00:00	0	26.6	16.4	1974.8
4/16/2016	21:15:00	0	26.596	16.4	1976
4/16/2016	21:30:00	0	26.654	16.4	1976
4/16/2016	21:45:00	0	26.65	16.4	1976
4/16/2016	22:00:00	0	26.609	16.4	1976
4/16/2016	22:15:00	0	26.61	16.4	1976
4/16/2016	22:30:00	0	26.634	16.4	1976
4/16/2016	22:45:00	0	26.617	16.4	1976
4/16/2016	23:00:00	0	26.578	16.4	1976
4/16/2016	23:15:00	0	26.641	16.4	1978.3
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4/16/2016	23:45:00	0	26.645	16.4	1978.3
4/17/2016	0:00:00	0	26.624	16.4	1976
4/17/2016	0:15:00	0	26.626	16.4	1978.3
4/17/2016	0:30:00	0	26.591	16.4	1976
4/17/2016	0:45:00	0	26.65	16.4	1976
4/17/2016	1:00:00	0	26.648	16.4	1976
4/17/2016	1:15:00	0	26.612	16.4	1978.3
4/17/2016	1:30:00	0	26.633	16.4	1978.3
4/17/2016	1:45:00	0	26.595	16.4	1978.3
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4/17/2016	2:15:00	0	26.585	16.4	1978.3
4/17/2016	2:30:00	0	26.644	16.4	1978.3
4/17/2016	2:45:00	0	26.61	16.4	1978.3
4/17/2016	3:00:00	0	26.675	16.4	1976
4/17/2016	3:15:00	0	26.654	16.4	1978.3
4/17/2016	3:30:00	0	26.657	16.4	1978.3
4/17/2016	3:45:00	0	26.661	16.4	1978.3
4/17/2016	4:00:00	0	26.644	16.4	1978.3
4/17/2016	4:15:00	0	26.625	16.4	1978.3
4/17/2016	4:30:00	0	26.649	16.4	1978.3
4/17/2016	4:45:00	0	26.669	16.4	1978.3
4/17/2016	5:00:00	0	26.611	16.4	1978.3
4/17/2016	5:15:00	0	26.636	16.4	1979.5
4/17/2016	5:30:00	0	26.598	16.4	1978.3
4/17/2016	5:45:00	0	26.659	16.4	1978.3
4/17/2016	6:00:00	0	26.677	16.4	1978.3

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4/17/2016	6:30:00	0	26.634	16.4	1978.3
4/17/2016	6:45:00	0	26.633	16.4	1978.3
4/17/2016	7:00:00	0	26.617	16.4	1979.5
4/17/2016	7:15:00	0	26.633	16.4	1979.5
4/17/2016	7:30:00	0	26.691	16.4	1979.5
4/17/2016	7:45:00	0	26.669	16.4	1979.5
4/17/2016	8:00:00	0	26.628	16.4	1979.5
4/17/2016	8:15:00	0	26.626	16.4	1979.5
4/17/2016	8:30:00	0	26.684	16.4	1979.5
4/17/2016	8:45:00	0	26.627	16.4	1979.5
4/17/2016	9:00:00	0	26.649	16.4	1978.3
4/17/2016	9:15:00	0	26.651	16.4	1979.5
4/17/2016	9:30:00	0	26.595	16.4	1979.5
4/17/2016	9:45:00	0	26.639	16.4	1979.5
4/17/2016	10:00:00	0	26.602	16.4	1978.3
4/17/2016	10:15:00	0	26.66	16.4	1979.5
4/17/2016	10:30:00	0	26.603	16.4	1979.5
4/17/2016	10:45:00	0	26.624	16.4	1979.5
4/17/2016	11:00:00	0	26.666	16.4	1978.3
4/17/2016	11:15:00	0	26.668	16.4	1979.5
4/17/2016	11:30:00	0	26.635	16.4	1978.3
4/17/2016	11:45:00	0	26.638	16.4	1978.3
4/17/2016	12:00:00	0	26.662	16.4	1979.5
4/17/2016	12:15:00	0	26.641	16.4	1978.3
4/17/2016	12:30:00	0	26.597	16.4	1978.3
4/17/2016	12:45:00	0	26.659	16.4	1979.5
4/17/2016	13:00:00	0	26.682	16.4	1978.3
4/17/2016	13:15:00	0	26.644	16.4	1976
4/17/2016	13:30:00	0	26.621	16.4	1978.3
4/17/2016	13:45:00	0	26.654	16.4	1976
4/17/2016	14:00:00	0	26.647	16.4	1978.3
4/17/2016	14:15:00	0	26.623	16.4	1976
4/17/2016	14:30:00	0	26.647	16.4	1978.3
4/17/2016	14:45:00	0	26.647	16.4	1978.3
4/17/2016	15:00:00	0	26.608	16.4	1978.3
4/17/2016	15:15:00	0	26.648	16.4	1978.3
4/17/2016	15:30:00	0	26.623	16.4	1978.3
4/17/2016	15:45:00	0	26.665	16.4	1976
4/17/2016	16:00:00	0	26.679	16.4	1978.3
4/17/2016	16:15:00	0	26.64	16.4	1978.3
4/17/2016	16:30:00	0	26.606	16.4	1976
4/17/2016	16:45:00	0	26.602	16.4	1978.3
4/17/2016	17:00:00	0	26.623	16.4	1978.3
4/17/2016	17:15:00	0	26.596	16.4	1979.5
4/17/2016	17:30:00	0	26.654	16.4	1978.3
4/17/2016	17:45:00	0	26.653	16.4	1979.5

4/17/2016	18:00:00	0	26.597	16.4	1978.3
4/17/2016	18:15:00	0	26.598	16.4	1979.5
4/17/2016	18:30:00	0	26.639	16.4	1978.3
4/17/2016	18:45:00	0	26.661	16.4	1978.3
4/17/2016	19:00:00	0	26.599	16.4	1979.5
4/17/2016	19:15:00	0	26.637	16.4	1978.3
4/17/2016	19:30:00	0	26.654	16.4	1976
4/17/2016	19:45:00	0	26.591	16.4	1976
4/17/2016	20:00:00	0	26.609	16.4	1976
4/17/2016	20:15:00	0	26.643	16.4	1978.3
4/17/2016	20:30:00	0	26.603	16.4	1978.3
4/17/2016	20:45:00	0	26.579	16.4	1974.8
4/17/2016	21:00:00	0	26.598	16.4	1973.6
4/17/2016	21:15:00	0	26.613	16.4	1976
4/17/2016	21:30:00	0	26.613	16.4	1974.8
4/17/2016	21:45:00	0	26.615	16.4	1974.8
4/17/2016	22:00:00	0	26.611	16.4	1976
4/17/2016	22:15:00	0	26.575	16.4	1978.3
4/17/2016	22:30:00	0	26.655	16.4	1978.3
4/17/2016	22:45:00	0	26.617	16.4	1978.3
4/17/2016	23:00:00	0	26.655	16.4	1978.3
4/17/2016	23:15:00	0	26.601	16.4	1976
4/17/2016	23:30:00	0	26.604	16.4	1976
4/17/2016	23:45:00	0	26.642	16.4	1976
4/18/2016	0:00:00	0	26.644	16.4	1976
4/18/2016	0:15:00	0	26.607	16.4	1976
4/18/2016	0:30:00	0	26.642	16.4	1978.3
4/18/2016	0:45:00	0	26.645	16.4	1976
4/18/2016	1:00:00	0	26.604	16.4	1978.3
4/18/2016	1:15:00	0	26.641	16.4	1978.3
4/18/2016	1:30:00	0	26.621	16.4	1978.3
4/18/2016	1:45:00	0	26.606	16.4	1976
4/18/2016	2:00:00	0	26.648	16.4	1979.5
4/18/2016	2:15:00	0	26.631	16.4	1976
4/18/2016	2:30:00	0	26.635	16.4	1978.3
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4/18/2016	3:00:00	0	26.622	16.4	1979.5
4/18/2016	3:15:00	0	26.643	16.4	1979.5
4/18/2016	3:30:00	0	26.643	16.4	1979.5
4/18/2016	3:45:00	0	26.646	16.4	1979.5
4/18/2016	4:00:00	0	26.661	16.4	1978.3
4/18/2016	4:15:00	0	26.602	16.4	1979.5
4/18/2016	4:30:00	0	26.655	16.4	1979.5
4/18/2016	4:45:00	0	26.632	16.4	1979.5
4/18/2016	5:00:00	0	26.632	16.4	1978.3
4/18/2016	5:15:00	0	26.631	16.4	1979.5
4/18/2016	5:30:00	0	26.649	16.4	1979.5

4/18/2016	5:45:00	0	26.648	16.4	1978.3
4/18/2016	6:00:00	0	26.611	16.4	1978.3
4/18/2016	6:15:00	0	26.631	16.4	1978.3
4/18/2016	6:30:00	0	26.626	16.4	1979.5
4/18/2016	6:45:00	0	26.659	16.4	1978.3
4/18/2016	7:00:00	0	26.611	16.4	1978.3
4/18/2016	7:15:00	0	26.666	16.4	1976
4/18/2016	7:30:00	0	26.597	16.4	1978.3
4/18/2016	7:45:00	0	26.589	16.4	1978.3
4/18/2016	8:00:00	0	26.599	16.4	1979.5
4/18/2016	8:15:00	0	26.58	16.4	1979.5
4/18/2016	8:30:00	0	26.578	16.4	1978.3
4/18/2016	8:45:00	0	26.575	16.4	1978.3
4/18/2016	9:00:00	0	26.59	16.4	1978.3
4/18/2016	9:15:00	0	26.633	16.4	1978.3
4/18/2016	9:30:00	0	26.594	16.4	1978.3
4/18/2016	9:45:00	0	26.615	16.4	1979.5
4/18/2016	10:00:00	0	26.596	16.4	1978.3
4/18/2016	10:15:00	0	26.638	16.4	1978.3
4/18/2016	10:30:00	0	26.618	16.4	1978.3
4/18/2016	10:45:00	0	26.62	16.4	1979.5
4/18/2016	11:00:00	0	26.642	16.4	1979.5
4/18/2016	11:15:00	0	26.648	16.4	1978.3
4/18/2016	11:30:00	0	26.648	16.4	1979.5
4/18/2016	11:45:00	0	26.612	16.4	1979.5
4/18/2016	12:00:00	0	26.658	16.4	1978.3
4/18/2016	12:15:00	0	26.646	16.4	1976
4/18/2016	12:30:00	0	26.653	16.4	1978.3
4/18/2016	12:45:00	0	26.641	16.4	1978.3
4/18/2016	13:00:00	0	26.646	16.4	1979.5
4/18/2016	13:15:00	0	26.663	16.4	1976
4/18/2016	13:30:00	0	26.618	16.4	1978.3
4/18/2016	13:45:00	0	26.638	16.4	1978.3
4/18/2016	14:00:00	0	26.64	16.4	1978.3
4/18/2016	14:15:00	0	26.655	16.4	1978.3
4/18/2016	14:30:00	0	26.673	16.4	1978.3
4/18/2016	14:45:00	0	26.613	16.4	1979.5
4/18/2016	15:00:00	0	26.635	16.4	1979.5
4/18/2016	15:15:00	0	26.654	16.4	1979.5
4/18/2016	15:30:00	0	26.614	16.4	1979.5
4/18/2016	15:45:00	0	26.648	16.4	1978.3
4/18/2016	16:00:00	0	26.619	16.4	1978.3
4/18/2016	16:15:00	0	26.639	16.4	1978.3
4/18/2016	16:30:00	0	26.613	16.4	1976
4/18/2016	16:45:00	0	26.633	16.4	1976
4/18/2016	17:00:00	0	26.632	16.4	1976
4/18/2016	17:15:00	0	26.635	16.4	1976

4/18/2016	17:30:00	0	26.639	16.4	1976
4/18/2016	17:45:00	0	26.643	16.4	1976
4/18/2016	18:00:00	0	26.609	16.4	1976
4/18/2016	18:15:00	0	26.626	16.4	1976
4/18/2016	18:30:00	0	26.669	16.4	1976
4/18/2016	18:45:00	0	26.608	16.4	1978.3
4/18/2016	19:00:00	0	26.61	16.4	1978.3
4/18/2016	19:15:00	0	26.592	16.4	1978.3
4/18/2016	19:30:00	0	26.605	16.4	1978.3
4/18/2016	19:45:00	0	26.623	16.4	1978.3
4/18/2016	20:00:00	0	26.641	16.4	1978.3
4/18/2016	20:15:00	0	26.578	16.4	1978.3
4/18/2016	20:30:00	0	26.614	16.4	1978.3
4/18/2016	20:45:00	0	26.616	16.4	1978.3
4/18/2016	21:00:00	0	26.594	16.4	1978.3
4/18/2016	21:15:00	0	26.614	16.4	1979.5
4/18/2016	21:30:00	0	26.67	16.4	1978.3
4/18/2016	21:45:00	0	26.629	16.4	1978.3
4/18/2016	22:00:00	0	26.609	16.4	1978.3
4/18/2016	22:15:00	0	26.589	16.4	1978.3
4/18/2016	22:30:00	0	26.629	16.4	1976
4/18/2016	22:45:00	0	26.631	16.4	1976
4/18/2016	23:00:00	0	26.611	16.4	1978.3
4/18/2016	23:15:00	0	26.613	16.4	1976
4/18/2016	23:30:00	0	26.638	16.4	1976
4/18/2016	23:45:00	0	26.644	16.4	1978.3
4/19/2016	0:00:00	0	26.625	16.4	1978.3
4/19/2016	0:15:00	0	26.606	16.4	1978.3
4/19/2016	0:30:00	0	26.672	16.4	1978.3
4/19/2016	0:45:00	0	26.635	16.4	1978.3
4/19/2016	1:00:00	0	26.718	16.4	1978.3
4/19/2016	1:15:00	0	26.68	16.4	1979.5
4/19/2016	1:30:00	0	26.646	16.4	1978.3
4/19/2016	1:45:00	0	26.629	16.4	1978.3
4/19/2016	2:00:00	0	26.672	16.4	1979.5
4/19/2016	2:15:00	0	26.694	16.4	1979.5
4/19/2016	2:30:00	0	26.637	16.4	1976
4/19/2016	2:45:00	0	26.681	16.4	1976
4/19/2016	3:00:00	0	26.668	16.4	1976
4/19/2016	3:15:00	0	26.692	16.4	1976
4/19/2016	3:30:00	0	26.632	16.4	1976
4/19/2016	3:45:00	0	26.649	16.4	1978.3
4/19/2016	4:00:00	0	26.691	16.4	1978.3
4/19/2016	4:15:00	0	26.656	16.4	1976
4/19/2016	4:30:00	0	26.683	16.4	1978.3
4/19/2016	4:45:00	0	26.648	16.4	1976
4/19/2016	5:00:00	0	26.67	16.4	1976

4/19/2016	5:15:00	0	26.634	16.4	1976
4/19/2016	5:30:00	0	26.676	16.4	1976
4/19/2016	5:45:00	0	26.679	16.4	1976
4/19/2016	6:00:00	0	26.664	16.4	1976
4/19/2016	6:15:00	0	26.685	16.4	1978.3
4/19/2016	6:30:00	0	26.669	16.4	1978.3
4/19/2016	6:45:00	0	26.649	16.4	1976
4/19/2016	7:00:00	0	26.665	16.4	1976
4/19/2016	7:15:00	0	26.664	16.4	1978.3
4/19/2016	7:30:00	0	26.644	16.4	1978.3
4/19/2016	7:45:00	0	26.661	16.4	1978.3
4/19/2016	8:00:00	0	26.618	16.4	1976
4/19/2016	8:15:00	0	26.638	16.4	1976
4/19/2016	8:30:00	0	26.638	16.4	1978.3
4/19/2016	8:45:00	0	26.656	16.4	1978.3
4/19/2016	9:00:00	0	26.594	16.4	1978.3
4/19/2016	9:15:00	0	26.616	16.4	1978.3
4/19/2016	9:30:00	0	26.635	16.4	1978.3
4/19/2016	9:45:00	0	26.616	16.4	1978.3
4/19/2016	10:00:00	0	26.638	16.4	1978.3
4/19/2016	10:15:00	0	26.638	16.4	1978.3
4/19/2016	10:30:00	0	26.659	16.4	1976
4/19/2016	10:45:00	0	26.58	16.4	1978.3
4/19/2016	11:00:00	0	26.663	16.4	1978.3
4/19/2016	11:15:00	0	26.625	16.4	1978.3
4/19/2016	11:30:00	0	26.642	16.4	1978.3
4/19/2016	11:45:00	0	26.645	16.4	1978.3
4/19/2016	12:00:00	0	26.642	16.4	1978.3
4/19/2016	12:15:00	0	26.666	16.4	1978.3
4/19/2016	12:30:00	0	26.668	16.4	1979.5
4/19/2016	12:45:00	0	26.688	16.4	1979.5
4/19/2016	13:00:00	0	26.613	16.4	1979.5
4/19/2016	13:15:00	0	26.659	16.4	1978.3
4/19/2016	13:30:00	0	26.632	16.4	1978.3
4/19/2016	13:45:00	0	26.653	16.4	1978.3
4/19/2016	14:00:00	0	26.648	16.4	1979.5
4/19/2016	14:15:00	0	26.625	16.4	1978.3
4/19/2016	14:30:00	0	26.645	16.4	1979.5
4/19/2016	14:45:00	0	26.647	16.4	1979.5
4/19/2016	15:00:00	0	26.627	16.4	1979.5
4/19/2016	15:15:00	0	26.653	16.4	1978.3
4/19/2016	15:30:00	0	26.675	16.4	1978.3
4/19/2016	15:45:00	0	26.659	16.4	1978.3
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4/19/2016	19:00:00	0	26.683	16.4	1978.3
4/19/2016	19:15:00	0	26.682	16.4	1978.3
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4/19/2016	19:45:00	0	26.643	16.4	1978.3
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4/19/2016	20:15:00	0	26.644	16.4	1978.3
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4/19/2016	21:00:00	0	26.645	16.4	1978.3
4/19/2016	21:15:00	0	26.602	16.4	1978.3
4/19/2016	21:30:00	0	26.619	16.4	1976
4/19/2016	21:45:00	0	26.681	16.4	1978.3
4/19/2016	22:00:00	0	26.662	16.4	1978.3
4/19/2016	22:15:00	0	26.602	16.4	1978.3
4/19/2016	22:30:00	0	26.659	16.4	1978.3
4/19/2016	22:45:00	0	26.622	16.4	1978.3
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4/20/2016	0:00:00	0	26.671	16.4	1978.3
4/20/2016	0:15:00	0	26.671	16.4	1979.5
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4/20/2016	1:30:00	0	26.653	16.4	1978.3
4/20/2016	1:45:00	0	26.637	16.4	1978.3
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4/20/2016	2:15:00	0	26.635	16.4	1976
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4/20/2016	11:45:00	0	26.623	16.4	1978.3
4/20/2016	12:00:00	0	26.623	16.4	1979.5
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4/20/2016	13:30:00	0	26.626	16.4	1979.5
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4/20/2016	21:30:00	0	26.654	16.4	1978.3
4/20/2016	21:45:00	0	26.671	16.4	1979.5
4/20/2016	22:00:00	0	26.651	16.4	1979.5
4/20/2016	22:15:00	0	26.629	16.4	1979.5
4/20/2016	22:30:00	0	26.61	16.4	1979.5
4/20/2016	22:45:00	0	26.653	16.4	1978.3
4/20/2016	23:00:00	0	26.655	16.4	1979.5
4/20/2016	23:15:00	0	26.661	16.4	1979.5
4/20/2016	23:30:00	0	26.663	16.4	1979.5
4/20/2016	23:45:00	0	26.679	16.4	1979.5

Serial_number:
1071327
Project ID:
MPWSP TSW Long Term Pumping
Location:
MPWSP MW-6D
LEVEL
UNIT: ft
Offset: 0.000000 ft
Altitude: 0.000000 ft
Density: 1.000000 kg/L
TEMPERATURE
UNIT: Deg C
CONDUCTIVITY
UNIT: µS/cm

Date	Time	ms	LEVEL	TEMPERAT	CONDUCTIVITY
4/14/2016	0:00:00	0	153.598	16.6	2304.5
4/14/2016	0:15:00	0	153.613	16.6	2304.5
4/14/2016	0:30:00	0	153.656	16.6	2303.3
4/14/2016	0:45:00	0	153.648	16.6	2303.3
4/14/2016	1:00:00	0	153.681	16.6	2303.3
4/14/2016	1:15:00	0	153.781	16.6	2303.3
4/14/2016	1:30:00	0	153.737	16.6	2303.3
4/14/2016	1:45:00	0	153.772	16.6	2303.3
4/14/2016	2:00:00	0	153.838	16.6	2302.1
4/14/2016	2:15:00	0	153.87	16.6	2302.1
4/14/2016	2:30:00	0	153.899	16.6	2303.3
4/14/2016	2:45:00	0	154.002	16.6	2303.3
4/14/2016	3:00:00	0	153.988	16.6	2303.3
4/14/2016	3:15:00	0	154.046	16.6	2304.5
4/14/2016	3:30:00	0	154.055	16.6	2305.6
4/14/2016	3:45:00	0	154.098	16.6	2308
4/14/2016	4:00:00	0	154.146	16.6	2309.1
4/14/2016	4:15:00	0	154.208	16.6	2309.1
4/14/2016	4:30:00	0	154.175	16.6	2310.3
4/14/2016	4:45:00	0	154.221	16.6	2310.3
4/14/2016	5:00:00	0	154.282	16.6	2310.3
4/14/2016	5:15:00	0	154.281	16.6	2309.1
4/14/2016	5:30:00	0	154.373	16.6	2309.1
4/14/2016	5:45:00	0	154.368	16.6	2308
4/14/2016	6:00:00	0	154.415	16.6	2308
4/14/2016	6:15:00	0	154.507	16.6	2308
4/14/2016	6:30:00	0	154.527	16.6	2305.6
4/14/2016	6:45:00	0	154.544	16.6	2305.6
4/14/2016	7:00:00	0	154.496	16.6	2304.5
4/14/2016	7:15:00	0	154.433	16.6	2304.5
4/14/2016	7:30:00	0	154.386	16.6	2304.5

4/14/2016	7:45:00	0	154.303	16.6	2304.5
4/14/2016	8:00:00	0	154.236	16.6	2304.5
4/14/2016	8:15:00	0	154.207	16.6	2318.5
4/14/2016	8:30:00	0	154.123	16.6	2312.6
4/14/2016	8:45:00	0	154.062	16.6	2311.5
4/14/2016	9:00:00	0	154.009	16.6	2315
4/14/2016	9:15:00	0	154	16.6	2315
4/14/2016	9:30:00	0	153.937	16.6	2315
4/14/2016	9:45:00	0	153.916	16.6	2311.5
4/14/2016	10:00:00	0	153.878	16.6	2312.6
4/14/2016	10:15:00	0	153.839	16.6	2315
4/14/2016	10:30:00	0	153.795	16.6	2311.5
4/14/2016	10:45:00	0	153.712	16.6	2315
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4/14/2016	11:15:00	0	153.606	16.6	2315
4/14/2016	11:30:00	0	153.526	16.6	2315
4/14/2016	11:45:00	0	153.488	16.6	2315
4/14/2016	12:00:00	0	153.434	16.6	2312.6
4/14/2016	12:15:00	0	153.431	16.6	2312.6
4/14/2016	12:30:00	0	153.433	16.6	2312.6
4/14/2016	12:45:00	0	153.475	16.6	2312.6
4/14/2016	13:00:00	0	153.539	16.6	2312.6
4/14/2016	13:15:00	0	153.543	16.6	2312.6
4/14/2016	13:30:00	0	153.608	16.6	2312.6
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4/14/2016	15:30:00	0	153.642	16.6	2311.5
4/14/2016	15:45:00	0	153.659	16.6	2311.5
4/14/2016	16:00:00	0	153.685	16.6	2311.5
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4/14/2016	18:15:00	0	153.779	16.6	2308
4/14/2016	18:30:00	0	153.815	16.6	2308
4/14/2016	18:45:00	0	153.755	16.6	2305.6
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4/14/2016	19:45:00	0	153.807	16.6	2304.5
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4/14/2016	20:15:00	0	153.82	16.6	2303.3
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4/14/2016	21:00:00	0	153.827	16.6	2304.5
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4/14/2016	23:15:00	0	154.013	16.6	2302.1
4/14/2016	23:30:00	0	154.035	16.6	2302.1
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4/15/2016	17:00:00	0	154.32	16.6	2301
4/15/2016	17:15:00	0	154.32	16.6	2301
4/15/2016	17:30:00	0	154.324	16.6	2298.6
4/15/2016	17:45:00	0	154.325	16.6	2298.6
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4/15/2016	18:15:00	0	154.344	16.6	2298.6
4/15/2016	18:30:00	0	154.371	16.6	2298.6
4/15/2016	18:45:00	0	154.374	16.6	2298.6

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4/15/2016	19:45:00	0	154.356	16.6	2298.6
4/15/2016	20:00:00	0	154.372	16.6	2298.6
4/15/2016	20:15:00	0	154.343	16.6	2298.6
4/15/2016	20:30:00	0	154.293	16.6	2298.6
4/15/2016	20:45:00	0	154.267	16.6	2298.6
4/15/2016	21:00:00	0	154.266	16.6	2298.6
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4/15/2016	21:30:00	0	154.253	16.6	2298.6
4/15/2016	21:45:00	0	154.251	16.6	2298.6
4/15/2016	22:00:00	0	154.209	16.6	2298.6
4/15/2016	22:15:00	0	154.152	16.6	2297.5
4/15/2016	22:30:00	0	154.171	16.6	2297.5
4/15/2016	22:45:00	0	154.135	16.6	2297.5
4/15/2016	23:00:00	0	154.116	16.6	2297.5
4/15/2016	23:15:00	0	154.093	16.6	2297.5
4/15/2016	23:30:00	0	154.116	16.6	2296.3
4/15/2016	23:45:00	0	154.119	16.6	2297.5
4/16/2016	0:00:00	0	154.061	16.6	2297.5
4/16/2016	0:15:00	0	154.037	16.6	2297.5
4/16/2016	0:30:00	0	154.042	16.6	2297.5
4/16/2016	0:45:00	0	154.064	16.6	2298.6
4/16/2016	1:00:00	0	154.024	16.6	2297.5
4/16/2016	1:15:00	0	154.065	16.6	2298.6
4/16/2016	1:30:00	0	154.047	16.6	2298.6
4/16/2016	1:45:00	0	154.03	16.6	2298.6
4/16/2016	2:00:00	0	153.991	16.6	2297.5
4/16/2016	2:15:00	0	154.037	16.6	2297.5
4/16/2016	2:30:00	0	154.044	16.6	2297.5
4/16/2016	2:45:00	0	154.047	16.6	2298.6
4/16/2016	3:00:00	0	154.05	16.6	2297.5
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4/16/2016	3:30:00	0	154.073	16.6	2297.5
4/16/2016	3:45:00	0	154.077	16.6	2297.5
4/16/2016	4:00:00	0	154.122	16.6	2297.5
4/16/2016	4:15:00	0	154.121	16.6	2296.3
4/16/2016	4:30:00	0	154.155	16.6	2296.3
4/16/2016	4:45:00	0	154.16	16.6	2296.3
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4/16/2016	5:30:00	0	154.179	16.6	2296.3
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4/16/2016	8:15:00	0	153.821	16.6	2301
4/16/2016	8:30:00	0	153.739	16.6	2302.1
4/16/2016	8:45:00	0	153.7	16.6	2303.3
4/16/2016	9:00:00	0	153.586	16.6	2303.3
4/16/2016	9:15:00	0	153.584	16.6	2303.3
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4/16/2016	10:30:00	0	153.256	16.6	2303.3
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4/16/2016	11:00:00	0	153.318	16.6	2303.3
4/16/2016	11:15:00	0	153.341	16.6	2302.1
4/16/2016	11:30:00	0	153.286	16.6	2302.1
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4/16/2016	12:30:00	0	153.283	16.6	2303.3
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4/16/2016	13:30:00	0	153.184	16.6	2303.3
4/16/2016	13:45:00	0	153.139	16.6	2303.3
4/16/2016	14:00:00	0	153.118	16.6	2303.3
4/16/2016	14:15:00	0	153.072	16.6	2303.3
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4/16/2016	14:45:00	0	153.052	16.6	2304.5
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4/16/2016	15:15:00	0	152.977	16.6	2304.5
4/16/2016	15:30:00	0	152.962	16.6	2304.5
4/16/2016	15:45:00	0	152.887	16.6	2304.5
4/16/2016	16:00:00	0	152.852	16.6	2304.5
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4/16/2016	16:30:00	0	152.796	16.6	2304.5
4/16/2016	16:45:00	0	152.716	16.6	2305.6
4/16/2016	17:00:00	0	152.716	16.6	2308
4/16/2016	17:15:00	0	152.622	16.6	2308
4/16/2016	17:30:00	0	152.623	16.6	2308
4/16/2016	17:45:00	0	152.566	16.6	2310.3
4/16/2016	18:00:00	0	152.51	16.6	2311.5
4/16/2016	18:15:00	0	152.51	16.6	2312.6

4/16/2016	18:30:00	0	152.451	16.6	2312.6
4/16/2016	18:45:00	0	152.51	16.6	2311.5
4/16/2016	19:00:00	0	152.491	16.6	2312.6
4/16/2016	19:15:00	0	152.488	16.6	2312.6
4/16/2016	19:30:00	0	152.51	16.6	2312.6
4/16/2016	19:45:00	0	152.531	16.6	2312.6
4/16/2016	20:00:00	0	152.508	16.6	2311.5
4/16/2016	20:15:00	0	152.547	16.6	2312.6
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4/16/2016	21:00:00	0	152.584	16.6	2315
4/16/2016	21:15:00	0	152.541	16.6	2315
4/16/2016	21:30:00	0	152.579	16.6	2315
4/16/2016	21:45:00	0	152.575	16.6	2312.6
4/16/2016	22:00:00	0	152.554	16.6	2312.6
4/16/2016	22:15:00	0	152.594	16.6	2312.6
4/16/2016	22:30:00	0	152.599	16.6	2311.5
4/16/2016	22:45:00	0	152.68	16.6	2311.5
4/16/2016	23:00:00	0	152.641	16.6	2311.5
4/16/2016	23:15:00	0	152.704	16.6	2310.3
4/16/2016	23:30:00	0	152.687	16.6	2311.5
4/16/2016	23:45:00	0	152.708	16.6	2310.3
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4/17/2016	0:15:00	0	152.768	16.6	2310.3
4/17/2016	0:30:00	0	152.753	16.6	2310.3
4/17/2016	0:45:00	0	152.773	16.6	2310.3
4/17/2016	1:00:00	0	152.771	16.6	2310.3
4/17/2016	1:15:00	0	152.833	16.6	2310.3
4/17/2016	1:30:00	0	152.893	16.6	2309.1
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4/17/2016	3:00:00	0	153.014	16.6	2315
4/17/2016	3:15:00	0	152.992	16.6	2315
4/17/2016	3:30:00	0	153.094	16.6	2316.1
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4/17/2016	4:00:00	0	153.14	16.6	2317.3
4/17/2016	4:15:00	0	153.141	16.6	2317.3
4/17/2016	4:30:00	0	153.224	16.6	2317.3
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4/17/2016	7:45:00	0	153.224	16.6	2318.5
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4/17/2016	8:15:00	0	153.221	16.6	2318.5
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4/17/2016	9:15:00	0	153.187	16.6	2318.5
4/17/2016	9:30:00	0	153.15	16.6	2319.6
4/17/2016	9:45:00	0	153.175	16.6	2318.5
4/17/2016	10:00:00	0	153.197	16.6	2317.3
4/17/2016	10:15:00	0	153.255	16.6	2317.3
4/17/2016	10:30:00	0	153.335	16.6	2317.3
4/17/2016	10:45:00	0	153.415	16.6	2317.3
4/17/2016	11:00:00	0	153.457	16.6	2317.3
4/17/2016	11:15:00	0	153.578	16.6	2317.3
4/17/2016	11:30:00	0	153.603	16.6	2317.3
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4/17/2016	12:15:00	0	153.747	16.6	2317.3
4/17/2016	12:30:00	0	153.743	16.6	2317.3
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4/17/2016	13:00:00	0	153.808	16.6	2317.3
4/17/2016	13:15:00	0	153.868	16.6	2317.3
4/17/2016	13:30:00	0	153.904	16.6	2317.3
4/17/2016	13:45:00	0	153.958	16.6	2316.1
4/17/2016	14:00:00	0	153.97	16.6	2316.1
4/17/2016	14:15:00	0	154.005	16.6	2315
4/17/2016	14:30:00	0	154.049	16.6	2315
4/17/2016	14:45:00	0	154.069	16.6	2312.6
4/17/2016	15:00:00	0	154.088	16.6	2311.5
4/17/2016	15:15:00	0	154.148	16.6	2312.6
4/17/2016	15:30:00	0	154.142	16.6	2312.6
4/17/2016	15:45:00	0	154.204	16.6	2312.6
4/17/2016	16:00:00	0	154.218	16.6	2312.6
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4/17/2016	16:30:00	0	154.264	16.6	2312.6
4/17/2016	16:45:00	0	154.299	16.6	2311.5
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4/17/2016	18:30:00	0	154.435	16.6	2311.5
4/17/2016	18:45:00	0	154.476	16.6	2311.5
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4/17/2016	19:15:00	0	154.452	16.6	2311.5
4/17/2016	19:30:00	0	154.508	16.6	2311.5
4/17/2016	19:45:00	0	154.524	16.6	2311.5
4/17/2016	20:00:00	0	154.561	16.6	2311.5
4/17/2016	20:15:00	0	154.517	16.6	2311.5
4/17/2016	20:30:00	0	154.595	16.6	2311.5
4/17/2016	20:45:00	0	154.591	16.6	2311.5
4/17/2016	21:00:00	0	154.569	16.6	2312.6
4/17/2016	21:15:00	0	154.646	16.6	2312.6
4/17/2016	21:30:00	0	154.625	16.6	2312.6
4/17/2016	21:45:00	0	154.647	16.6	2312.6
4/17/2016	22:00:00	0	154.643	16.6	2312.6
4/17/2016	22:15:00	0	154.685	16.6	2312.6
4/17/2016	22:30:00	0	154.706	16.6	2311.5
4/17/2016	22:45:00	0	154.728	16.6	2312.6
4/17/2016	23:00:00	0	154.745	16.6	2311.5
4/17/2016	23:15:00	0	154.731	16.6	2312.6
4/17/2016	23:30:00	0	154.734	16.6	2312.6
4/17/2016	23:45:00	0	154.674	16.6	2312.6
4/18/2016	0:00:00	0	154.735	16.6	2312.6
4/18/2016	0:15:00	0	154.776	16.6	2312.6
4/18/2016	0:30:00	0	154.752	16.6	2312.6
4/18/2016	0:45:00	0	154.716	16.6	2312.6
4/18/2016	1:00:00	0	154.753	16.6	2312.6
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4/18/2016	1:30:00	0	154.732	16.6	2312.6
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4/18/2016	2:00:00	0	154.739	16.6	2312.6
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4/18/2016	2:30:00	0	154.785	16.6	2311.5
4/18/2016	2:45:00	0	154.748	16.6	2310.3
4/18/2016	3:00:00	0	154.791	16.6	2310.3
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4/18/2016	3:30:00	0	154.832	16.6	2308
4/18/2016	3:45:00	0	154.855	16.6	2304.5
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4/18/2016	4:45:00	0	154.959	16.6	2302.1
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4/18/2016	6:45:00	0	154.907	16.6	2297.5
4/18/2016	7:00:00	0	154.84	16.6	2297.5
4/18/2016	7:15:00	0	154.796	16.6	2297.5
4/18/2016	7:30:00	0	154.727	16.6	2297.5
4/18/2016	7:45:00	0	154.621	16.6	2298.6
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4/18/2016	8:15:00	0	154.494	16.6	2298.6
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4/18/2016	8:45:00	0	154.331	16.6	2301
4/18/2016	9:00:00	0	154.248	16.6	2301
4/18/2016	9:15:00	0	154.153	16.6	2301
4/18/2016	9:30:00	0	154.094	16.6	2301
4/18/2016	9:45:00	0	154.016	16.6	2301
4/18/2016	10:00:00	0	154.076	16.6	2302.1
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4/18/2016	10:30:00	0	154.039	16.6	2301
4/18/2016	10:45:00	0	154.041	16.6	2302.1
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4/18/2016	11:15:00	0	154.011	16.6	2301
4/18/2016	11:30:00	0	154.011	16.6	2301
4/18/2016	11:45:00	0	154.014	16.6	2301
4/18/2016	12:00:00	0	153.962	16.6	2301
4/18/2016	12:15:00	0	153.949	16.6	2301
4/18/2016	12:30:00	0	153.917	16.6	2301
4/18/2016	12:45:00	0	153.905	16.6	2301
4/18/2016	13:00:00	0	153.851	16.6	2298.6
4/18/2016	13:15:00	0	153.828	16.6	2298.6
4/18/2016	13:30:00	0	153.843	16.6	2298.6
4/18/2016	13:45:00	0	153.784	16.6	2298.6
4/18/2016	14:00:00	0	153.746	16.6	2298.6
4/18/2016	14:15:00	0	153.741	16.6	2298.6
4/18/2016	14:30:00	0	153.681	16.6	2298.6
4/18/2016	14:45:00	0	153.641	16.6	2298.6
4/18/2016	15:00:00	0	153.545	16.6	2297.5
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4/18/2016	15:30:00	0	153.425	16.6	2298.6
4/18/2016	15:45:00	0	153.38	16.6	2298.6
4/18/2016	16:00:00	0	153.371	16.6	2298.6
4/18/2016	16:15:00	0	153.312	16.6	2298.6
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4/18/2016	16:45:00	0	153.188	16.6	2298.6
4/18/2016	17:00:00	0	153.148	16.6	2298.6
4/18/2016	17:15:00	0	153.151	16.6	2298.6

4/18/2016	17:30:00	0	153.174	16.6	2298.6
4/18/2016	17:45:00	0	153.099	16.6	2301
4/18/2016	18:00:00	0	153.105	16.6	2301
4/18/2016	18:15:00	0	153.063	16.6	2301
4/18/2016	18:30:00	0	153.106	16.6	2301
4/18/2016	18:45:00	0	153.026	16.6	2301
4/18/2016	19:00:00	0	153.029	16.6	2298.6
4/18/2016	19:15:00	0	153.029	16.6	2301
4/18/2016	19:30:00	0	153.042	16.6	2298.6
4/18/2016	19:45:00	0	153.001	16.6	2298.6
4/18/2016	20:00:00	0	153.038	16.6	2301
4/18/2016	20:15:00	0	153.015	16.6	2301
4/18/2016	20:30:00	0	153.012	16.6	2301
4/18/2016	20:45:00	0	153.033	16.6	2301
4/18/2016	21:00:00	0	153.031	16.6	2301
4/18/2016	21:15:00	0	153.012	16.6	2302.1
4/18/2016	21:30:00	0	153.009	16.6	2302.1
4/18/2016	21:45:00	0	153.026	16.6	2302.1
4/18/2016	22:00:00	0	153.007	16.6	2302.1
4/18/2016	22:15:00	0	153.026	16.6	2302.1
4/18/2016	22:30:00	0	153.007	16.6	2302.1
4/18/2016	22:45:00	0	152.989	16.6	2302.1
4/18/2016	23:00:00	0	152.969	16.6	2302.1
4/18/2016	23:15:00	0	152.952	16.6	2302.1
4/18/2016	23:30:00	0	152.917	16.6	2301
4/18/2016	23:45:00	0	152.885	16.6	2302.1
4/19/2016	0:00:00	0	152.865	16.6	2302.1
4/19/2016	0:15:00	0	152.807	16.6	2301
4/19/2016	0:30:00	0	152.873	16.6	2301
4/19/2016	0:45:00	0	152.875	16.6	2302.1
4/19/2016	1:00:00	0	152.86	16.6	2302.1
4/19/2016	1:15:00	0	152.862	16.6	2302.1
4/19/2016	1:30:00	0	152.886	16.6	2302.1
4/19/2016	1:45:00	0	152.889	16.6	2303.3
4/19/2016	2:00:00	0	152.892	16.6	2304.5
4/19/2016	2:15:00	0	152.895	16.6	2305.6
4/19/2016	2:30:00	0	152.878	16.6	2308
4/19/2016	2:45:00	0	152.941	16.6	2308
4/19/2016	3:00:00	0	152.967	16.6	2309.1
4/19/2016	3:15:00	0	153.011	16.6	2309.1
4/19/2016	3:30:00	0	153.049	16.6	2309.1
4/19/2016	3:45:00	0	153.027	16.6	2310.3
4/19/2016	4:00:00	0	153.029	16.6	2310.3
4/19/2016	4:15:00	0	153.074	16.6	2310.3
4/19/2016	4:30:00	0	153.041	16.6	2310.3
4/19/2016	4:45:00	0	153.104	16.6	2310.3
4/19/2016	5:00:00	0	153.088	16.6	2310.3

4/19/2016	5:15:00	0	153.169	16.6	2310.3
4/19/2016	5:30:00	0	153.133	16.6	2311.5
4/19/2016	5:45:00	0	153.215	16.6	2310.3
4/19/2016	6:00:00	0	153.199	16.6	2311.5
4/19/2016	6:15:00	0	153.241	16.6	2310.3
4/19/2016	6:30:00	0	153.224	16.6	2311.5
4/19/2016	6:45:00	0	153.224	16.6	2311.5
4/19/2016	7:00:00	0	153.121	16.6	2310.3
4/19/2016	7:15:00	0	153.081	16.6	2309.1
4/19/2016	7:30:00	0	152.983	16.6	2309.1
4/19/2016	7:45:00	0	152.94	16.6	2310.3
4/19/2016	8:00:00	0	152.898	16.6	2309.1
4/19/2016	8:15:00	0	152.898	16.6	2310.3
4/19/2016	8:30:00	0	152.878	16.6	2310.3
4/19/2016	8:45:00	0	152.817	16.6	2310.3
4/19/2016	9:00:00	0	152.735	16.6	2310.3
4/19/2016	9:15:00	0	152.64	16.6	2311.5
4/19/2016	9:30:00	0	152.58	16.6	2310.3
4/19/2016	9:45:00	0	152.522	16.6	2310.3
4/19/2016	10:00:00	0	152.465	16.6	2311.5
4/19/2016	10:15:00	0	152.366	16.6	2311.5
4/19/2016	10:30:00	0	152.407	16.6	2310.3
4/19/2016	10:45:00	0	152.367	16.6	2310.3
4/19/2016	11:00:00	0	152.391	16.6	2309.1
4/19/2016	11:15:00	0	152.413	16.6	2310.3
4/19/2016	11:30:00	0	152.39	16.6	2310.3
4/19/2016	11:45:00	0	152.334	16.6	2310.3
4/19/2016	12:00:00	0	152.351	16.6	2310.3
4/19/2016	12:15:00	0	152.296	16.6	2310.3
4/19/2016	12:30:00	0	152.278	16.6	2310.3
4/19/2016	12:45:00	0	152.2	16.6	2309.1
4/19/2016	13:00:00	0	152.203	16.6	2310.3
4/19/2016	13:15:00	0	152.151	16.6	2310.3
4/19/2016	13:30:00	0	152.105	16.6	2309.1
4/19/2016	13:45:00	0	152.106	16.6	2309.1
4/19/2016	14:00:00	0	152.14	16.6	2309.1
4/19/2016	14:15:00	0	152.078	16.6	2309.1
4/19/2016	14:30:00	0	152.058	16.6	2308
4/19/2016	14:45:00	0	152.08	16.6	2308
4/19/2016	15:00:00	0	152.021	16.6	2308
4/19/2016	15:15:00	0	152.007	16.6	2308
4/19/2016	15:30:00	0	151.97	16.6	2308
4/19/2016	15:45:00	0	151.935	16.6	2308
4/19/2016	16:00:00	0	151.863	16.6	2305.6
4/19/2016	16:15:00	0	151.849	16.6	2305.6
4/19/2016	16:30:00	0	151.834	16.6	2305.6
4/19/2016	16:45:00	0	151.779	16.6	2305.6

4/19/2016	17:00:00	0	151.708	16.6	2305.6
4/19/2016	17:15:00	0	151.725	16.6	2304.5
4/19/2016	17:30:00	0	151.69	16.6	2305.6
4/19/2016	17:45:00	0	151.689	16.6	2304.5
4/19/2016	18:00:00	0	151.69	16.6	2304.5
4/19/2016	18:15:00	0	151.691	16.6	2305.6
4/19/2016	18:30:00	0	151.697	16.6	2305.6
4/19/2016	18:45:00	0	151.661	16.6	2305.6
4/19/2016	19:00:00	0	151.703	16.6	2305.6
4/19/2016	19:15:00	0	151.682	16.6	2305.6
4/19/2016	19:30:00	0	151.622	16.6	2305.6
4/19/2016	19:45:00	0	151.663	16.6	2305.6
4/19/2016	20:00:00	0	151.612	16.6	2305.6
4/19/2016	20:15:00	0	151.604	16.6	2305.6
4/19/2016	20:30:00	0	151.62	16.6	2308
4/19/2016	20:45:00	0	151.594	16.6	2308
4/19/2016	21:00:00	0	151.586	16.6	2308
4/19/2016	21:15:00	0	151.582	16.6	2308
4/19/2016	21:30:00	0	151.599	16.6	2308
4/19/2016	21:45:00	0	151.622	16.6	2308
4/19/2016	22:00:00	0	151.623	16.6	2308
4/19/2016	22:15:00	0	151.622	16.6	2308
4/19/2016	22:30:00	0	151.639	16.6	2308
4/19/2016	22:45:00	0	151.7	16.6	2308
4/19/2016	23:00:00	0	151.645	16.6	2308
4/19/2016	23:15:00	0	151.687	16.6	2308
4/19/2016	23:30:00	0	151.65	16.6	2308
4/19/2016	23:45:00	0	151.636	16.6	2308
4/20/2016	0:00:00	0	151.651	16.6	2308
4/20/2016	0:15:00	0	151.651	16.6	2308
4/20/2016	0:30:00	0	151.606	16.6	2309.1
4/20/2016	0:45:00	0	151.668	16.6	2309.1
4/20/2016	1:00:00	0	151.665	16.6	2309.1
4/20/2016	1:15:00	0	151.728	16.6	2309.1
4/20/2016	1:30:00	0	151.732	16.6	2309.1
4/20/2016	1:45:00	0	151.735	16.6	2310.3
4/20/2016	2:00:00	0	151.792	16.6	2309.1
4/20/2016	2:15:00	0	151.792	16.6	2309.1
4/20/2016	2:30:00	0	151.831	16.6	2309.1
4/20/2016	2:45:00	0	151.854	16.6	2309.1
4/20/2016	3:00:00	0	151.896	16.6	2309.1
4/20/2016	3:15:00	0	151.937	16.6	2309.1
4/20/2016	3:30:00	0	152.016	16.6	2308
4/20/2016	3:45:00	0	152.035	16.6	2309.1
4/20/2016	4:00:00	0	152.05	16.6	2309.1
4/20/2016	4:15:00	0	152.033	16.6	2310.3
4/20/2016	4:30:00	0	152.075	16.6	2310.3

4/20/2016	4:45:00	0	152.137	16.6	2311.5
4/20/2016	5:00:00	0	152.175	16.6	2311.5
4/20/2016	5:15:00	0	152.254	16.6	2311.5
4/20/2016	5:30:00	0	152.274	16.6	2311.5
4/20/2016	5:45:00	0	152.353	16.6	2310.3
4/20/2016	6:00:00	0	152.374	16.6	2310.3
4/20/2016	6:15:00	0	152.433	16.6	2310.3
4/20/2016	6:30:00	0	152.431	16.6	2310.3
4/20/2016	6:45:00	0	152.349	16.6	2310.3
4/20/2016	7:00:00	0	152.285	16.6	2310.3
4/20/2016	7:15:00	0	152.183	16.6	2310.3
4/20/2016	7:30:00	0	152.138	16.6	2309.1
4/20/2016	7:45:00	0	152.059	16.6	2309.1
4/20/2016	8:00:00	0	151.996	16.6	2309.1
4/20/2016	8:15:00	0	151.954	16.6	2309.1
4/20/2016	8:30:00	0	151.926	16.6	2308
4/20/2016	8:45:00	0	151.825	16.6	2308
4/20/2016	9:00:00	0	151.844	16.6	2308
4/20/2016	9:15:00	0	151.799	16.6	2305.6
4/20/2016	9:30:00	0	151.718	16.6	2305.6
4/20/2016	9:45:00	0	151.62	16.6	2305.6
4/20/2016	10:00:00	0	151.62	16.6	2305.6
4/20/2016	10:15:00	0	151.545	16.6	2305.6
4/20/2016	10:30:00	0	151.526	16.6	2304.5
4/20/2016	10:45:00	0	151.583	16.6	2305.6
4/20/2016	11:00:00	0	151.563	16.6	2304.5
4/20/2016	11:15:00	0	151.603	16.6	2304.5
4/20/2016	11:30:00	0	151.604	16.6	2304.5
4/20/2016	11:45:00	0	151.584	16.6	2304.5
4/20/2016	12:00:00	0	151.604	16.6	2304.5
4/20/2016	12:15:00	0	151.604	16.6	2304.5
4/20/2016	12:30:00	0	151.642	16.6	2304.5
4/20/2016	12:45:00	0	151.583	16.6	2304.5
4/20/2016	13:00:00	0	151.604	16.6	2303.3
4/20/2016	13:15:00	0	151.565	16.6	2303.3
4/20/2016	13:30:00	0	151.567	16.6	2302.1
4/20/2016	13:45:00	0	151.526	16.6	2303.3
4/20/2016	14:00:00	0	151.527	16.6	2303.3
4/20/2016	14:15:00	0	151.53	16.6	2303.3
4/20/2016	14:30:00	0	151.493	16.6	2302.1
4/20/2016	14:45:00	0	151.515	16.6	2302.1
4/20/2016	15:00:00	0	151.537	16.6	2302.1
4/20/2016	15:15:00	0	151.514	16.6	2303.3
4/20/2016	15:30:00	0	151.542	16.6	2302.1
4/20/2016	15:45:00	0	151.542	16.6	2302.1
4/20/2016	16:00:00	0	151.563	16.6	2302.1
4/20/2016	16:15:00	0	151.606	16.6	2302.1

4/20/2016	16:30:00	0	151.605	16.6	2302.1
4/20/2016	16:45:00	0	151.585	16.6	2301
4/20/2016	17:00:00	0	151.625	16.6	2302.1
4/20/2016	17:15:00	0	151.608	16.6	2302.1
4/20/2016	17:30:00	0	151.666	16.6	2302.1
4/20/2016	17:45:00	0	151.626	16.6	2303.3
4/20/2016	18:00:00	0	151.588	16.6	2303.3
4/20/2016	18:15:00	0	151.609	16.6	2303.3
4/20/2016	18:30:00	0	151.613	16.6	2304.5
4/20/2016	18:45:00	0	151.593	16.6	2303.3
4/20/2016	19:00:00	0	151.632	16.6	2305.6
4/20/2016	19:15:00	0	151.575	16.6	2305.6
4/20/2016	19:30:00	0	151.539	16.6	2305.6
4/20/2016	19:45:00	0	151.557	16.6	2305.6
4/20/2016	20:00:00	0	151.501	16.6	2304.5
4/20/2016	20:15:00	0	151.501	16.6	2305.6
4/20/2016	20:30:00	0	151.477	16.6	2304.5
4/20/2016	20:45:00	0	151.449	16.6	2304.5
4/20/2016	21:00:00	0	151.442	16.6	2305.6
4/20/2016	21:15:00	0	151.42	16.6	2304.5
4/20/2016	21:30:00	0	151.418	16.6	2304.5
4/20/2016	21:45:00	0	151.395	16.6	2304.5
4/20/2016	22:00:00	0	151.375	16.6	2304.5
4/20/2016	22:15:00	0	151.334	16.6	2304.5
4/20/2016	22:30:00	0	151.354	16.6	2304.5
4/20/2016	22:45:00	0	151.318	16.6	2303.3
4/20/2016	23:00:00	0	151.281	16.6	2303.3
4/20/2016	23:15:00	0	151.287	16.6	2303.3
4/20/2016	23:30:00	0	151.23	16.6	2303.3
4/20/2016	23:45:00	0	151.187	16.6	2303.3

Report Date: 4/22/2016 8:22:44 AM
Report User Name: KMakar
Report Computer Name: WKST46
Application: WinSitu.exe
Application Version: 5.6.25.0

Log File Properties:
File Name: MPWSP MW-6M LT Test_2016-04-21_08-39-56-323-BaroMerge.wsl
Create Date: 4/22/2016 8:12:46 AM

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

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

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

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

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

TDS Factor: 0.68

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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
4/22/2016 8:12:46 AM	User Note: "Pressure & Level adjusted by baro data from: "MPWSP BaroTroll Pre Test_Append_2016-04-21_18-56-38-301.wsl""

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Log Data:
Record Count: 844
Sensors: 2
1 - 440621: PCTD 100 PSIA (60.1m/197.3ft)
2 - 0: Baro-Adjustment Calc
Time Zone: Pacific Daylight Time

		Sensor: PCTD(A) 197.3ft SN#: 440621	Sensor: PCTD(A) 197.3ft SN#: 440621	Sensor: PCTD(A) 197.3ft SN#: 440621	Sensor: PCTD(A) 197.3ft SN#: 440621	Sensor: PCTD(A) 197.3ft SN#: 440621	Sensor: PCTD(A) 197.3ft SN#: 440621	Sensor: PCTD(A) 197.3ft SN#: 440621	Sensor: PCTD(A) 197.3ft SN#: 440621	Sensor: PCTD(A) 197.3ft SN#: 440621	Sensor: Baro-Adj Calc 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 (ppt)	Resistivity (ohm-cm)	Water Density (g/cm3)	Barometric Pressure (PSI)
4/14/2016 12:00:00 AM	124200.000	59.419	16.913	137.198	1247.896	1475.844	0.748	1.004	801.349	0.999	14.791
4/14/2016 12:15:00 AM	125100.000	59.421	16.913	137.202							

1247.919 1475.897 0.748 1.004 801.334
0.999 14.795
4/14/2016 12:30:00 AM 126000.000 59.429 16.913 137.221
1244.069 1471.329 0.745 1.001 803.814
0.999 14.793
4/14/2016 12:45:00 AM 126900.000 59.439 16.914 137.242
1244.960 1472.365 0.746 1.001 803.239
0.999 14.791
4/14/2016 1:00:00 AM 127800.000 59.442 16.913 137.249
1246.880 1474.654 0.747 1.003 802.002
0.999 14.794
4/14/2016 1:15:00 AM 128700.000 59.444 16.912 137.255
1246.742 1474.541 0.747 1.003 802.090
0.999 14.803
4/14/2016 1:30:00 AM 129600.000 59.454 16.913 137.278
1247.097 1474.902 0.747 1.003 801.862
0.999 14.799
4/14/2016 1:45:00 AM 130500.000 59.459 16.915 137.289
1246.784 1474.468 0.747 1.003 802.063
0.999 14.796
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0.999 14.792
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0.999 14.787
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0.999 14.782
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0.999 14.777
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0.999 14.774
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0.999 14.793
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0.999 14.793
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0.999 14.810
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0.999 14.810
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0.999 14.808
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0.999 14.804
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0.999 14.813
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0.999 14.806
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0.999 14.806
4/14/2016 2:45:00 PM 177300.000 59.407 16.908 137.169

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0.999	14.794			
4/14/2016 3:00:00 PM	178200.000	59.396	16.905	137.143
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0.999	14.802			
4/14/2016 3:15:00 PM	179100.000	59.401	16.910	137.154
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0.999	14.794			
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0.999	14.793			
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0.999	14.793			
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0.999	14.791			
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0.999	14.789			
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0.999	14.786			
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0.999	14.783			
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0.999	14.777			
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0.999	14.781			
4/14/2016 5:30:00 PM	187200.000	59.387	16.909	137.122
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0.999	14.785			
4/14/2016 5:45:00 PM	188100.000	59.388	16.912	137.124
1249.130	1477.344	0.749	1.005	800.557
0.999	14.785			
4/14/2016 6:00:00 PM	189000.000	59.393	16.907	137.138
1251.153	1479.906	0.750	1.006	799.263
0.999	14.784			
4/14/2016 6:15:00 PM	189900.000	59.391	16.908	137.132
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0.999	14.782			
4/14/2016 6:45:00 PM	191700.000	59.391	16.909	137.131
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0.999	14.787			
4/14/2016 7:00:00 PM	192600.000	59.400	16.909	137.152
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0.999	14.785			
4/14/2016 7:15:00 PM	193500.000	59.402	16.909	137.157
1246.508	1474.348	0.747	1.003	802.241
0.999	14.783			
4/14/2016 7:30:00 PM	194400.000	59.420	16.909	137.198
1251.184	1479.872	0.750	1.006	799.243

0.999 14.781
4/14/2016 7:45:00 PM 195300.000 59.406 16.911 137.167
1251.757 1480.487 0.750 1.007 798.877
0.999 14.785
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0.999 14.788
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0.999 14.804
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0.999 14.797
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0.999 14.799
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0.999 14.798
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0.999 14.786
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0.999 14.779
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0.999 14.783
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0.999 14.783
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0.999 14.789
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0.999 14.794
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1216.359 1438.213 0.728 0.978 822.126
0.999 14.797
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1217.546 1439.718 0.729 0.979 821.324
0.999 14.800
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0.999 14.794
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0.999 14.791
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0.999 14.790
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0.999 14.785
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1222.630 1445.828 0.732 0.983 817.909
0.999 14.784
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0.999 14.786
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0.999 14.785
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0.999 14.778
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0.999 14.781
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0.999 14.777

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0.999 14.772
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0.999 14.781
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0.999 14.774
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1219.215 1441.681 0.730 0.980 820.200
0.999 14.769
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0.999 14.767
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0.999 14.756
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0.999 14.754
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0.999 14.758
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0.999 14.765
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0.999 14.762
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1253.857 1482.958 0.752 1.008 797.539
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1257.260	1487.107	0.754	1.011	795.380		
0.999	14.756					
4/17/2016 1:45:00 AM	389700.000	59.014	16.910	136.262		
1252.848	1481.832	0.751	1.008	798.181		
0.999	14.754					
4/17/2016 2:00:00 AM	390600.000	59.018	16.910	136.271		
1253.665	1482.784	0.752	1.008	797.661		
0.999	14.754					
4/17/2016 2:15:00 AM	391500.000	59.031	16.913	136.300		
1255.441	1484.775	0.753	1.010	796.533		
0.999	14.751					
4/17/2016 2:30:00 AM	392400.000	59.040	16.910	136.320		
1253.339	1482.413	0.751	1.008	797.869		
0.999	14.748					
4/17/2016 2:45:00 AM	393300.000	59.046	16.913	136.335		
1252.238	1480.999	0.751	1.007	798.570		
0.999	14.748					
4/17/2016 3:00:00 AM	394200.000	59.055	16.910	136.355		
1255.077	1484.459	0.752	1.009	796.764		
0.999	14.746					
4/17/2016 3:15:00 AM	395100.000	59.061	16.910	136.371		
1254.843	1484.162	0.752	1.009	796.913		
0.999	14.748					
4/17/2016 3:30:00 AM	396000.000	59.071	16.911	136.393		
1256.014	1485.529	0.753	1.010	796.170		
0.999	14.745					
4/17/2016 3:45:00 AM	396900.000	59.079	16.911	136.411		
1254.523	1483.781	0.752	1.009	797.116		
0.999	14.745					
4/17/2016 4:00:00 AM	397800.000	59.097	16.911	136.454		
1251.784	1480.533	0.750	1.007	798.860		
0.999	14.736					
4/17/2016 4:15:00 AM	398700.000	59.097	16.910	136.454		
1254.662	1483.960	0.752	1.009	797.028		
0.999	14.739					
4/17/2016 4:30:00 AM	399600.000	59.107	16.911	136.476		
1256.902	1486.572	0.754	1.011	795.607		
0.999	14.742					
4/17/2016 4:45:00 AM	400500.000	59.115	16.910	136.496		
1254.875	1484.200	0.752	1.009	796.892		
0.999	14.737					
4/17/2016 5:00:00 AM	401400.000	59.128	16.914	136.525		
1255.091	1484.330	0.752	1.009	796.755		
0.999	14.740					
4/17/2016 5:15:00 AM	402300.000	59.133	16.911	136.536		
1251.867	1480.617	0.750	1.007	798.807		
0.999	14.738					
4/17/2016 5:30:00 AM	403200.000	59.140	16.914	136.552		
1253.536	1482.496	0.751	1.008	797.743		

0.999 14.738
4/17/2016 5:45:00 AM 404100.000 59.151 16.911 136.578
1253.712 1482.816 0.752 1.008 797.631
0.999 14.734
4/17/2016 6:00:00 AM 405000.000 59.161 16.911 136.602
1253.061 1482.046 0.751 1.008 798.046
0.999 14.729
4/17/2016 6:15:00 AM 405900.000 59.172 16.910 136.626
1255.821 1485.324 0.753 1.010 796.292
0.999 14.733
4/17/2016 6:30:00 AM 406800.000 59.174 16.913 136.631
1251.673 1480.323 0.750 1.007 798.931
0.999 14.733
4/17/2016 6:45:00 AM 407700.000 59.178 16.912 136.641
1252.031 1480.783 0.750 1.007 798.702
0.999 14.738
4/17/2016 7:00:00 AM 408600.000 59.187 16.912 136.661
1255.777 1485.200 0.753 1.010 796.320
0.999 14.733
4/17/2016 7:15:00 AM 409500.000 59.185 16.910 136.656
1254.342 1483.573 0.752 1.009 797.231
0.999 14.734
4/17/2016 7:30:00 AM 410400.000 59.188 16.912 136.663
1248.882 1477.057 0.749 1.004 800.716
0.999 14.734
4/17/2016 7:45:00 AM 411300.000 59.181 16.912 136.648
1253.799 1482.864 0.752 1.008 797.576
0.999 14.740
4/17/2016 8:00:00 AM 412200.000 59.190 16.911 136.669
1254.261 1483.459 0.752 1.009 797.282
0.999 14.730
4/17/2016 8:15:00 AM 413100.000 59.186 16.909 136.659
1253.350 1482.440 0.751 1.008 797.862
0.999 14.735
4/17/2016 8:30:00 AM 414000.000 59.181 16.911 136.648
1256.975 1486.669 0.754 1.011 795.561
0.999 14.738
4/17/2016 8:45:00 AM 414900.000 59.184 16.910 136.654
1254.565 1483.842 0.752 1.009 797.089
0.999 14.738
4/17/2016 9:00:00 AM 415800.000 59.179 16.908 136.643
1251.189 1479.934 0.750 1.006 799.240
0.999 14.738
4/17/2016 9:15:00 AM 416700.000 59.191 16.908 136.671
1253.602 1482.777 0.752 1.008 797.701
0.999 14.732
4/17/2016 9:30:00 AM 417600.000 59.192 16.908 136.672
1254.709 1484.089 0.752 1.009 796.998
0.999 14.727
4/17/2016 9:45:00 AM 418500.000 59.193 16.909 136.675
1256.705 1486.415 0.753 1.011 795.732
0.999 14.731
4/17/2016 10:00:00 AM 419400.000 59.193 16.911 136.675
1256.320 1485.894 0.753 1.010 795.976
0.999 14.727
4/17/2016 10:15:00 AM 420300.000 59.196 16.910 136.682
1250.952 1479.566 0.750 1.006 799.391
0.999 14.732

4/17/2016 10:30:00 AM 421200.000 59.195 16.910 136.679
1253.824 1482.963 0.752 1.008 797.560
0.999 14.735
4/17/2016 10:45:00 AM 422100.000 59.215 16.912 136.725
1253.861 1482.957 0.752 1.008 797.537
0.999 14.724
4/17/2016 11:00:00 AM 423000.000 59.212 16.907 136.719
1253.296 1482.451 0.751 1.008 797.896
0.999 14.729
4/17/2016 11:15:00 AM 423900.000 59.205 16.912 136.702
1254.985 1484.280 0.752 1.009 796.823
0.999 14.736
4/17/2016 11:30:00 AM 424800.000 59.213 16.912 136.721
1251.009 1479.589 0.750 1.006 799.355
0.999 14.735
4/17/2016 11:45:00 AM 425700.000 59.218 16.913 136.732
1253.460 1482.442 0.751 1.008 797.792
0.999 14.733
4/17/2016 12:00:00 PM 426600.000 59.222 16.916 136.741
1248.285 1476.224 0.748 1.004 801.099
0.999 14.735
4/17/2016 12:15:00 PM 427500.000 59.225 16.915 136.748
1237.591 1463.613 0.741 0.995 808.021
0.999 14.737
4/17/2016 12:30:00 PM 428400.000 59.234 16.914 136.770
1227.286 1451.443 0.735 0.987 814.806
0.999 14.736
4/17/2016 12:45:00 PM 429300.000 59.238 16.918 136.779
1223.702 1447.087 0.733 0.984 817.193
0.999 14.735
4/17/2016 1:00:00 PM 430200.000 59.244 16.922 136.794
1222.164 1445.139 0.732 0.983 818.221
0.999 14.731
4/17/2016 1:15:00 PM 431100.000 59.247 16.919 136.799
1221.409 1444.352 0.731 0.982 818.727
0.999 14.727
4/17/2016 1:30:00 PM 432000.000 59.260 16.920 136.830
1219.581 1442.142 0.730 0.981 819.954
0.999 14.726
4/17/2016 1:45:00 PM 432900.000 59.260 16.925 136.829
1218.743 1440.989 0.729 0.980 820.518
0.999 14.731
4/17/2016 2:00:00 PM 433800.000 59.259 16.923 136.828
1215.503 1437.209 0.727 0.977 822.705
0.999 14.736
4/17/2016 2:15:00 PM 434700.000 59.269 16.928 136.851
1214.005 1435.290 0.726 0.976 823.720
0.999 14.736
4/17/2016 2:30:00 PM 435600.000 59.276 16.928 136.867
1212.955 1434.041 0.726 0.975 824.433
0.999 14.735
4/17/2016 2:45:00 PM 436500.000 59.285 16.926 136.887
1212.430 1433.484 0.725 0.975 824.790
0.999 14.738
4/17/2016 3:00:00 PM 437400.000 59.292 16.927 136.903
1213.165 1434.329 0.726 0.975 824.290
0.999 14.738
4/17/2016 3:15:00 PM 438300.000 59.298 16.924 136.916

1215.321	1436.980	0.727	0.977	822.828
0.999	14.740			
4/17/2016 3:30:00 PM	439200.000	59.315	16.928	136.957
1213.302	1434.447	0.726	0.975	824.197
0.999	14.732			
4/17/2016 3:45:00 PM	440100.000	59.325	16.927	136.980
1213.120	1434.281	0.726	0.975	824.321
0.999	14.732			
4/17/2016 4:00:00 PM	441000.000	59.329	16.928	136.989
1209.753	1430.280	0.724	0.973	826.615
0.999	14.737			
4/17/2016 4:15:00 PM	441900.000	59.340	16.928	137.014
1207.610	1427.715	0.722	0.971	828.082
0.999	14.734			
4/17/2016 4:30:00 PM	442800.000	59.349	16.929	137.036
1207.191	1427.217	0.722	0.971	828.369
0.999	14.733			
4/17/2016 4:45:00 PM	443700.000	59.360	16.930	137.061
1208.165	1428.329	0.723	0.971	827.702
0.999	14.728			
4/17/2016 5:00:00 PM	444600.000	59.372	16.929	137.088
1204.097	1423.557	0.720	0.968	830.498
0.999	14.730			
4/17/2016 5:15:00 PM	445500.000	59.371	16.927	137.086
1200.447	1419.303	0.718	0.965	833.023
0.999	14.733			
4/17/2016 5:30:00 PM	446400.000	59.384	16.928	137.115
1205.703	1425.463	0.721	0.969	829.392
0.999	14.732			
4/17/2016 5:45:00 PM	447300.000	59.387	16.929	137.122
1209.491	1429.934	0.724	0.972	826.794
0.999	14.733			
4/17/2016 6:00:00 PM	448200.000	59.388	16.929	137.125
1192.707	1410.091	0.713	0.959	838.429
0.999	14.732			
4/17/2016 6:15:00 PM	449100.000	59.394	16.928	137.139
1205.120	1424.786	0.721	0.969	829.793
0.999	14.732			
4/17/2016 6:30:00 PM	450000.000	59.402	16.928	137.157
1203.043	1422.331	0.720	0.967	831.225
0.999	14.734			
4/17/2016 6:45:00 PM	450900.000	59.403	16.927	137.159
1208.054	1428.274	0.723	0.971	827.778
0.999	14.737			
4/17/2016 7:00:00 PM	451800.000	59.422	16.928	137.203
1205.482	1425.213	0.721	0.969	829.544
0.999	14.726			
4/17/2016 7:15:00 PM	452700.000	59.422	16.929	137.204
1207.713	1427.826	0.722	0.971	828.011
0.999	14.731			
4/17/2016 7:30:00 PM	453600.000	59.426	16.928	137.212
1201.586	1420.594	0.719	0.966	832.233
0.999	14.734			
4/17/2016 7:45:00 PM	454500.000	59.434	16.926	137.231
1203.174	1422.549	0.720	0.967	831.135
0.999	14.734			
4/17/2016 8:00:00 PM	455400.000	59.438	16.926	137.240
1211.075	1431.888	0.725	0.974	825.713

0.999 14.739
4/17/2016 8:15:00 PM 456300.000 59.445 16.928 137.258
1205.993 1425.834 0.721 0.970 829.192
0.999 14.737
4/17/2016 8:30:00 PM 457200.000 59.454 16.927 137.276
1199.380 1418.045 0.717 0.964 833.764
0.999 14.738
4/17/2016 8:45:00 PM 458100.000 59.457 16.925 137.284
1212.636 1433.768 0.726 0.975 824.650
0.999 14.740
4/17/2016 9:00:00 PM 459000.000 59.455 16.924 137.280
1206.561 1426.608 0.722 0.970 828.802
0.999 14.744
4/17/2016 9:15:00 PM 459900.000 59.470 16.925 137.314
1208.694 1429.096 0.723 0.972 827.339
0.999 14.744
4/17/2016 9:30:00 PM 460800.000 59.473 16.924 137.321
1201.048 1420.106 0.718 0.966 832.606
0.999 14.743
4/17/2016 9:45:00 PM 461700.000 59.477 16.926 137.331
1206.867 1426.921 0.722 0.970 828.592
0.999 14.742
4/17/2016 10:00:00 PM 462600.000 59.479 16.926 137.335
1210.187 1430.850 0.724 0.973 826.319
0.999 14.749
4/17/2016 10:15:00 PM 463500.000 59.483 16.925 137.345
1211.469 1432.388 0.725 0.974 825.444
0.999 14.744
4/17/2016 10:30:00 PM 464400.000 59.486 16.923 137.352
1208.073 1428.427 0.723 0.971 827.765
0.999 14.747
4/17/2016 10:45:00 PM 465300.000 59.498 16.924 137.379
1214.341 1435.829 0.727 0.976 823.492
0.999 14.744
4/17/2016 11:00:00 PM 466200.000 59.503 16.924 137.391
1218.015 1440.148 0.729 0.979 821.008
0.999 14.743
4/17/2016 11:15:00 PM 467100.000 59.505 16.923 137.394
1215.163 1436.812 0.727 0.977 822.935
0.999 14.741
4/17/2016 11:30:00 PM 468000.000 59.517 16.925 137.423
1209.408 1429.943 0.724 0.972 826.851
0.999 14.738
4/17/2016 11:45:00 PM 468900.000 59.511 16.926 137.409
1206.852 1426.909 0.722 0.970 828.602
0.999 14.746
4/18/2016 12:00:00 AM 469800.000 59.530 16.924 137.453
1216.198 1438.012 0.728 0.978 822.234
0.999 14.733
4/18/2016 12:15:00 AM 470700.000 59.535 16.923 137.464
1204.189 1423.832 0.720 0.968 830.434
0.999 14.735
4/18/2016 12:30:00 AM 471600.000 59.530 16.924 137.452
1220.384 1442.954 0.730 0.981 819.414
0.999 14.743
4/18/2016 12:45:00 AM 472500.000 59.532 16.924 137.457
1211.701 1432.706 0.725 0.974 825.286
0.999 14.744

4/18/2016 1:00:00 AM 473400.000 59.545 16.924 137.487
1217.422 1439.459 0.729 0.979 821.408
0.999 14.740
4/18/2016 1:15:00 AM 474300.000 59.549 16.923 137.497
1212.927 1434.189 0.726 0.975 824.452
0.999 14.737
4/18/2016 1:30:00 AM 475200.000 59.552 16.925 137.504
1208.826 1429.275 0.723 0.972 827.249
0.999 14.741
4/18/2016 1:45:00 AM 476100.000 59.556 16.924 137.514
1220.125 1442.642 0.730 0.981 819.589
0.999 14.745
4/18/2016 2:00:00 AM 477000.000 59.565 16.924 137.534
1206.352 1426.381 0.722 0.970 828.945
0.999 14.741
4/18/2016 2:15:00 AM 477900.000 59.573 16.922 137.552
1216.384 1438.286 0.728 0.978 822.109
0.999 14.738
4/18/2016 2:30:00 AM 478800.000 59.573 16.923 137.552
1208.752 1429.230 0.723 0.972 827.299
0.999 14.741
4/18/2016 2:45:00 AM 479700.000 59.587 16.922 137.585
1210.112 1430.885 0.724 0.973 826.370
0.999 14.734
4/18/2016 3:00:00 AM 480600.000 59.593 16.923 137.598
1210.704 1431.535 0.724 0.973 825.966
0.999 14.735
4/18/2016 3:15:00 AM 481500.000 59.596 16.923 137.606
1211.593 1432.586 0.725 0.974 825.360
0.999 14.734
4/18/2016 3:30:00 AM 482400.000 59.599 16.923 137.612
1211.297 1432.239 0.725 0.974 825.561
0.999 14.735
4/18/2016 3:45:00 AM 483300.000 59.620 16.922 137.660
1202.970 1422.427 0.720 0.967 831.276
0.999 14.726
4/18/2016 4:00:00 AM 484200.000 59.619 16.924 137.659
1208.617 1429.050 0.723 0.972 827.392
0.999 14.732
4/18/2016 4:15:00 AM 485100.000 59.615 16.922 137.650
1214.349 1435.885 0.727 0.976 823.486
0.999 14.741
4/18/2016 4:30:00 AM 486000.000 59.631 16.922 137.685
1217.226 1439.295 0.729 0.979 821.540
0.999 14.735
4/18/2016 4:45:00 AM 486900.000 59.629 16.924 137.681
1209.477 1430.070 0.724 0.972 826.804
0.999 14.740
4/18/2016 5:00:00 AM 487800.000 59.637 16.923 137.699
1218.772 1441.101 0.729 0.980 820.498
0.999 14.740
4/18/2016 5:15:00 AM 488700.000 59.641 16.922 137.710
1215.918 1437.740 0.728 0.978 822.424
0.999 14.739
4/18/2016 5:30:00 AM 489600.000 59.650 16.921 137.729
1210.526 1431.407 0.724 0.973 826.087
0.999 14.741
4/18/2016 5:45:00 AM 490500.000 59.652 16.922 137.735

1218.061 1440.293 0.729 0.979 820.977
0.999 14.742
4/18/2016 6:00:00 AM 491400.000 59.663 16.922 137.760
1217.149 1439.212 0.728 0.979 821.592
0.999 14.739
4/18/2016 6:15:00 AM 492300.000 59.661 16.923 137.757
1217.172 1439.193 0.728 0.979 821.577
0.999 14.742
4/18/2016 6:30:00 AM 493200.000 59.680 16.921 137.798
1221.638 1444.560 0.731 0.982 818.573
0.999 14.735
4/18/2016 6:45:00 AM 494100.000 59.680 16.922 137.799
1215.254 1436.974 0.727 0.977 822.873
0.999 14.743
4/18/2016 7:00:00 AM 495000.000 59.678 16.923 137.795
1211.455 1432.440 0.725 0.974 825.453
0.999 14.744
4/18/2016 7:15:00 AM 495900.000 59.681 16.926 137.801
1208.339 1428.653 0.723 0.971 827.582
0.999 14.749
4/18/2016 7:30:00 AM 496800.000 59.680 16.924 137.800
1201.972 1421.193 0.719 0.966 831.966
0.999 14.747
4/18/2016 7:45:00 AM 497700.000 59.685 16.925 137.811
1210.677 1431.449 0.724 0.973 825.984
0.999 14.747
4/18/2016 8:00:00 AM 498600.000 59.671 16.925 137.778
1201.417 1420.490 0.719 0.966 832.350
0.999 14.760
4/18/2016 8:15:00 AM 499500.000 59.656 16.926 137.744
1195.796 1413.823 0.715 0.961 836.263
0.999 14.767
4/18/2016 8:30:00 AM 500400.000 59.663 16.926 137.760
1202.232 1421.439 0.719 0.967 831.786
0.999 14.753
4/18/2016 8:45:00 AM 501300.000 59.650 16.924 137.731
1212.046 1433.104 0.725 0.975 825.051
0.999 14.760
4/18/2016 9:00:00 AM 502200.000 59.639 16.920 137.706
1213.360 1434.792 0.726 0.976 824.157
0.999 14.759
4/18/2016 9:15:00 AM 503100.000 59.626 16.919 137.673
1215.933 1437.866 0.728 0.978 822.413
0.999 14.760
4/18/2016 9:30:00 AM 504000.000 59.616 16.918 137.651
1218.101 1440.458 0.729 0.980 820.950
0.999 14.758
4/18/2016 9:45:00 AM 504900.000 59.604 16.915 137.625
1222.621 1445.917 0.732 0.983 817.915
0.999 14.758
4/18/2016 10:00:00 AM 505800.000 59.591 16.913 137.594
1224.598 1448.305 0.733 0.985 816.594
0.999 14.761
4/18/2016 10:15:00 AM 506700.000 59.580 16.913 137.568
1228.972 1453.475 0.736 0.988 813.688
0.999 14.758
4/18/2016 10:30:00 AM 507600.000 59.571 16.915 137.548
1228.608 1452.986 0.736 0.988 813.930

0.999 14.754
4/18/2016 10:45:00 AM 508500.000 59.557 16.912 137.516
1228.617 1453.080 0.736 0.988 813.924
0.999 14.759
4/18/2016 11:00:00 AM 509400.000 59.546 16.914 137.490
1232.460 1457.562 0.738 0.991 811.385
0.999 14.758
4/18/2016 11:15:00 AM 510300.000 59.530 16.910 137.453
1231.703 1456.793 0.738 0.991 811.884
0.999 14.758
4/18/2016 11:30:00 AM 511200.000 59.523 16.912 137.437
1233.557 1458.922 0.739 0.992 810.664
0.999 14.757
4/18/2016 11:45:00 AM 512100.000 59.516 16.914 137.421
1236.029 1461.794 0.740 0.994 809.043
0.999 14.754
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0.999 14.718
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0.999 14.718
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1247.105 1474.891 0.747 1.003 801.857
0.999 14.706
4/20/2016 12:45:00 AM 645300.000 58.550 16.916 135.191
1247.407 1475.186 0.748 1.003 801.663
0.999 14.712
4/20/2016 1:00:00 AM 646200.000 58.561 16.916 135.215
1244.880 1472.192 0.746 1.001 803.291
0.999 14.705
4/20/2016 1:15:00 AM 647100.000 58.566 16.914 135.227

1247.491	1475.332	0.748	1.003	801.609	0.999	14.708
4/20/2016 1:30:00 AM	648000.000	58.572	16.915	135.240		
1250.309	1478.637	0.749	1.005	799.802	0.999	14.704
4/20/2016 1:45:00 AM	648900.000	58.573	16.916	135.243		
1250.146	1478.411	0.749	1.005	799.906	0.999	14.703
4/20/2016 2:00:00 AM	649800.000	58.586	16.913	135.273		
1249.446	1477.695	0.749	1.005	800.354	0.999	14.697
4/20/2016 2:15:00 AM	650700.000	58.582	16.915	135.263		
1247.588	1475.441	0.748	1.003	801.547	0.999	14.706
4/20/2016 2:30:00 AM	651600.000	58.590	16.917	135.282		
1247.272	1474.989	0.747	1.003	801.749	0.999	14.707
4/20/2016 2:45:00 AM	652500.000	58.591	16.912	135.284		
1248.302	1476.359	0.748	1.004	801.088	0.999	14.707
4/20/2016 3:00:00 AM	653400.000	58.606	16.915	135.319		
1251.747	1480.354	0.750	1.007	798.883	0.999	14.704
4/20/2016 3:15:00 AM	654300.000	58.615	16.916	135.340		
1247.812	1475.651	0.748	1.003	801.403	0.999	14.703
4/20/2016 3:30:00 AM	655200.000	58.626	16.916	135.367		
1245.677	1473.152	0.746	1.002	802.777	0.999	14.701
4/20/2016 3:45:00 AM	656100.000	58.641	16.915	135.400		
1251.710	1480.316	0.750	1.007	798.907	0.999	14.694
4/20/2016 4:00:00 AM	657000.000	58.642	16.916	135.403		
1248.426	1476.401	0.748	1.004	801.009	0.999	14.699
4/20/2016 4:15:00 AM	657900.000	58.647	16.912	135.415		
1253.389	1482.404	0.751	1.008	797.837	0.999	14.703
4/20/2016 4:30:00 AM	658800.000	58.659	16.913	135.442		
1252.937	1481.806	0.751	1.008	798.125	0.999	14.700
4/20/2016 4:45:00 AM	659700.000	58.664	16.916	135.452		
1251.777	1480.363	0.750	1.007	798.864	0.999	14.700
4/20/2016 5:00:00 AM	660600.000	58.674	16.915	135.475		
1248.766	1476.838	0.748	1.004	800.790	0.999	14.700
4/20/2016 5:15:00 AM	661500.000	58.695	16.913	135.526		
1253.982	1483.047	0.752	1.008	797.460	0.999	14.702
4/20/2016 5:30:00 AM	662400.000	58.685	16.915	135.502		
1250.954	1479.414	0.750	1.006	799.390	0.999	14.707
4/20/2016 5:45:00 AM	663300.000	58.702	16.913	135.542		
1254.083	1483.161	0.752	1.009	797.395	0.999	14.697
4/20/2016 6:00:00 AM	664200.000	58.708	16.915	135.556		
1256.451	1485.926	0.753	1.010	795.893		

0.999 14.698
4/20/2016 6:15:00 AM 665100.000 58.718 16.913 135.577
1253.741 1482.782 0.752 1.008 797.613
0.999 14.699
4/20/2016 6:30:00 AM 666000.000 58.722 16.911 135.587
1255.267 1484.658 0.753 1.010 796.643
0.999 14.700
4/20/2016 6:45:00 AM 666900.000 58.724 16.913 135.592
1254.305 1483.426 0.752 1.009 797.254
0.999 14.707
4/20/2016 7:00:00 AM 667800.000 58.733 16.913 135.612
1255.125 1484.410 0.752 1.009 796.734
0.999 14.704
4/20/2016 7:15:00 AM 668700.000 58.735 16.912 135.618
1252.056 1480.802 0.750 1.007 798.686
0.999 14.706
4/20/2016 7:30:00 AM 669600.000 58.741 16.915 135.631
1253.048 1481.881 0.751 1.008 798.054
0.999 14.700
4/20/2016 7:45:00 AM 670500.000 58.729 16.914 135.605
1253.026 1481.887 0.751 1.008 798.068
0.999 14.706
4/20/2016 8:00:00 AM 671400.000 58.723 16.917 135.589
1251.875 1480.432 0.750 1.007 798.802
0.999 14.707
4/20/2016 8:15:00 AM 672300.000 58.717 16.914 135.575
1248.472 1476.495 0.748 1.004 800.979
0.999 14.711
4/20/2016 8:30:00 AM 673200.000 58.704 16.914 135.546
1249.328 1477.519 0.749 1.005 800.431
0.999 14.710
4/20/2016 8:45:00 AM 674100.000 58.699 16.914 135.534
1250.243 1478.617 0.749 1.005 799.844
0.999 14.708
4/20/2016 9:00:00 AM 675000.000 58.686 16.916 135.504
1247.909 1475.763 0.748 1.004 801.340
0.999 14.709
4/20/2016 9:15:00 AM 675900.000 58.666 16.917 135.459
1247.532 1475.282 0.748 1.003 801.582
0.999 14.713
4/20/2016 9:30:00 AM 676800.000 58.657 16.914 135.438
1248.098 1476.068 0.748 1.004 801.219
0.999 14.713
4/20/2016 9:45:00 AM 677700.000 58.631 16.916 135.377
1244.073 1471.232 0.745 1.000 803.811
0.999 14.722
4/20/2016 10:00:00 AM 678600.000 58.627 16.914 135.368
1242.710 1469.687 0.745 0.999 804.693
0.999 14.715
4/20/2016 10:15:00 AM 679500.000 58.611 16.915 135.332
1243.298 1470.356 0.745 1.000 804.312
0.999 14.714
4/20/2016 10:30:00 AM 680400.000 58.604 16.917 135.315
1240.469 1466.956 0.743 0.998 806.146
0.999 14.710
4/20/2016 10:45:00 AM 681300.000 58.580 16.917 135.259
1245.181 1472.525 0.746 1.001 803.096
0.999 14.719

4/20/2016 11:00:00 AM 682200.000 58.571 16.915 135.239
1243.998 1471.173 0.745 1.000 803.860
0.999 14.720
4/20/2016 11:15:00 AM 683100.000 58.555 16.916 135.203
1247.985 1475.853 0.748 1.004 801.291
0.999 14.723
4/20/2016 11:30:00 AM 684000.000 58.552 16.916 135.194
1243.984 1471.119 0.745 1.000 803.869
0.999 14.715
4/20/2016 11:45:00 AM 684900.000 58.547 16.916 135.183
1246.453 1474.047 0.747 1.002 802.276
0.999 14.713
4/20/2016 12:00:00 PM 685800.000 58.535 16.919 135.154
1246.720 1474.280 0.747 1.003 802.105
0.999 14.720
4/20/2016 12:15:00 PM 686700.000 58.528 16.918 135.140
1241.301 1467.904 0.744 0.998 805.607
0.999 14.717
4/20/2016 12:30:00 PM 687600.000 58.521 16.915 135.124
1246.318 1473.922 0.747 1.002 802.364
0.999 14.718
4/20/2016 12:45:00 PM 688500.000 58.519 16.915 135.118
1248.831 1476.885 0.748 1.004 800.749
0.999 14.715
4/20/2016 1:00:00 PM 689400.000 58.509 16.914 135.095
1245.731 1473.253 0.746 1.002 802.742
0.999 14.717
4/20/2016 1:15:00 PM 690300.000 58.499 16.920 135.072
1246.229 1473.645 0.747 1.002 802.421
0.999 14.719
4/20/2016 1:30:00 PM 691200.000 58.494 16.920 135.062
1246.987 1474.565 0.747 1.003 801.933
0.999 14.720
4/20/2016 1:45:00 PM 692100.000 58.489 16.917 135.049
1245.881 1473.356 0.747 1.002 802.645
0.999 14.717
4/20/2016 2:00:00 PM 693000.000 58.498 16.915 135.070
1245.489 1472.933 0.746 1.002 802.897
0.999 14.712
4/20/2016 2:15:00 PM 693900.000 58.492 16.917 135.057
1248.439 1476.380 0.748 1.004 801.000
0.999 14.715
4/20/2016 2:30:00 PM 694800.000 58.492 16.914 135.056
1245.291 1472.731 0.746 1.001 803.025
0.999 14.714
4/20/2016 2:45:00 PM 695700.000 58.496 16.915 135.065
1246.478 1474.108 0.747 1.002 802.260
0.999 14.705
4/20/2016 3:00:00 PM 696600.000 58.485 16.917 135.040
1247.829 1475.651 0.748 1.003 801.392
0.999 14.711
4/20/2016 3:15:00 PM 697500.000 58.482 16.917 135.034
1246.056 1473.546 0.747 1.002 802.532
0.999 14.715
4/20/2016 3:30:00 PM 698400.000 58.488 16.919 135.048
1246.101 1473.548 0.747 1.002 802.503
0.999 14.710
4/20/2016 3:45:00 PM 699300.000 58.492 16.917 135.056

1246.316	1473.864	0.747	1.002	802.364
0.999	14.706			
4/20/2016 4:00:00 PM	700200.000	58.502	16.917	135.079
1247.077	1474.761	0.747	1.003	801.875
0.999	14.706			
4/20/2016 4:15:00 PM	701100.000	58.484	16.917	135.037
1245.962	1473.428	0.747	1.002	802.593
0.999	14.709			
4/20/2016 4:30:00 PM	702000.000	58.487	16.917	135.044
1247.925	1475.770	0.748	1.004	801.330
0.999	14.705			
4/20/2016 4:45:00 PM	702900.000	58.479	16.920	135.026
1249.219	1477.206	0.749	1.005	800.500
0.999	14.706			
4/20/2016 5:00:00 PM	703800.000	58.473	16.917	135.012
1248.033	1475.901	0.748	1.004	801.261
0.999	14.703			
4/20/2016 5:15:00 PM	704700.000	58.461	16.916	134.984
1248.521	1476.501	0.748	1.004	800.947
0.999	14.706			
4/20/2016 5:30:00 PM	705600.000	58.466	16.916	134.996
1248.277	1476.212	0.748	1.004	801.104
0.999	14.696			
4/20/2016 5:45:00 PM	706500.000	58.450	16.917	134.960
1248.821	1476.821	0.748	1.004	800.755
0.999	14.699			
4/20/2016 6:00:00 PM	707400.000	58.435	16.920	134.924
1247.410	1475.067	0.747	1.003	801.661
0.999	14.704			
4/20/2016 6:15:00 PM	708300.000	58.417	16.921	134.884
1248.528	1476.357	0.748	1.004	800.943
0.999	14.703			
4/20/2016 6:30:00 PM	709200.000	58.413	16.919	134.873
1248.897	1476.841	0.748	1.004	800.706
0.999	14.702			
4/20/2016 6:45:00 PM	710100.000	58.400	16.919	134.843
1247.982	1475.755	0.748	1.004	801.294
0.999	14.701			
4/20/2016 7:00:00 PM	711000.000	58.387	16.919	134.813
1244.549	1471.717	0.746	1.001	803.504
0.999	14.701			
4/20/2016 7:15:00 PM	711900.000	58.372	16.917	134.778
1248.315	1476.228	0.748	1.004	801.080
0.999	14.706			
4/20/2016 7:30:00 PM	712800.000	58.370	16.917	134.775
1248.469	1476.390	0.748	1.004	800.981
0.999	14.699			
4/20/2016 7:45:00 PM	713700.000	58.352	16.917	134.733
1248.413	1476.324	0.748	1.004	801.017
0.999	14.705			
4/20/2016 8:00:00 PM	714600.000	58.346	16.915	134.720
1249.665	1477.889	0.749	1.005	800.215
0.999	14.697			
4/20/2016 8:15:00 PM	715500.000	58.330	16.920	134.682
1249.475	1477.504	0.749	1.005	800.336
0.999	14.699			
4/20/2016 8:30:00 PM	716400.000	58.321	16.918	134.662
1250.374	1478.639	0.749	1.005	799.761

0.999 14.700
4/20/2016 8:45:00 PM 717300.000 58.307 16.921 134.629
1248.701 1476.561 0.748 1.004 800.832
0.999 14.703
4/20/2016 9:00:00 PM 718200.000 58.288 16.917 134.585
1249.390 1477.484 0.749 1.005 800.391
0.999 14.714
4/20/2016 9:15:00 PM 719100.000 58.284 16.917 134.576
1250.092 1478.335 0.749 1.005 799.941
0.999 14.708
4/20/2016 9:30:00 PM 720000.000 58.272 16.918 134.549
1249.855 1477.999 0.749 1.005 800.093
0.999 14.711
4/20/2016 9:45:00 PM 720900.000 58.266 16.918 134.534
1250.587 1478.885 0.749 1.006 799.625
0.999 14.708
4/20/2016 10:00:00 PM 721800.000 58.252 16.918 134.502
1251.501 1479.952 0.750 1.006 799.040
0.999 14.709
4/20/2016 10:15:00 PM 722700.000 58.238 16.916 134.470
1250.546 1478.886 0.749 1.006 799.651
0.999 14.715
4/20/2016 10:30:00 PM 723600.000 58.229 16.918 134.449
1251.189 1479.578 0.750 1.006 799.240
0.999 14.713
4/20/2016 10:45:00 PM 724500.000 58.224 16.920 134.437
1249.183 1477.149 0.749 1.004 800.523
0.999 14.711
4/20/2016 11:00:00 PM 725400.000 58.212 16.919 134.411
1248.606 1476.493 0.748 1.004 800.893
0.999 14.710
4/20/2016 11:15:00 PM 726300.000 58.201 16.920 134.383
1249.248 1477.238 0.749 1.005 800.481
0.999 14.710
4/20/2016 11:30:00 PM 727200.000 58.195 16.921 134.371
1250.190 1478.305 0.749 1.005 799.879
0.999 14.708
4/20/2016 11:45:00 PM 728100.000 58.192 16.918 134.364
1250.371 1478.633 0.749 1.005 799.763
0.999 14.703

Serial_number:
1071292
Project ID:
MPWSP TSW Long Term Pumping
Location:
MPWSP MW-6S
LEVEL
UNIT: ft
Offset: 0.000000 ft
Altitude: 80.000000 ft
Density: 1.000000 kg/L
TEMPERATURE
UNIT: Deg C
CONDUCTIVITY
UNIT: µS/cm

Date	Time	ms	LEVEL	TEMPERAT	CONDUCTIVITY
4/14/2016	0:00:00	0	34.149	16.4	1952.6
4/14/2016	0:15:00	0	34.144	16.4	1952.6
4/14/2016	0:30:00	0	34.128	16.4	1952.6
4/14/2016	0:45:00	0	34.16	16.4	1951.4
4/14/2016	1:00:00	0	34.134	16.4	1951.4
4/14/2016	1:15:00	0	34.115	16.4	1952.6
4/14/2016	1:30:00	0	34.111	16.4	1951.4
4/14/2016	1:45:00	0	34.185	16.4	1951.4
4/14/2016	2:00:00	0	34.173	16.4	1952.6
4/14/2016	2:15:00	0	34.165	16.4	1952.6
4/14/2016	2:30:00	0	34.155	16.4	1951.4
4/14/2016	2:45:00	0	34.179	16.4	1951.4
4/14/2016	3:00:00	0	34.185	16.4	1952.6
4/14/2016	3:15:00	0	34.184	16.4	1952.6
4/14/2016	3:30:00	0	34.193	16.4	1952.6
4/14/2016	3:45:00	0	34.197	16.4	1952.6
4/14/2016	4:00:00	0	34.185	16.4	1952.6
4/14/2016	4:15:00	0	34.188	16.4	1952.6
4/14/2016	4:30:00	0	34.174	16.4	1952.6
4/14/2016	4:45:00	0	34.201	16.4	1952.6
4/14/2016	5:00:00	0	34.164	16.4	1952.6
4/14/2016	5:15:00	0	34.163	16.4	1952.6
4/14/2016	5:30:00	0	34.157	16.4	1952.6
4/14/2016	5:45:00	0	34.171	16.4	1952.6
4/14/2016	6:00:00	0	34.198	16.4	1952.6
4/14/2016	6:15:00	0	34.153	16.4	1952.6
4/14/2016	6:30:00	0	34.153	16.4	1952.6
4/14/2016	6:45:00	0	34.131	16.4	1952.6
4/14/2016	7:00:00	0	34.122	16.4	1952.6
4/14/2016	7:15:00	0	34.118	16.4	1952.6
4/14/2016	7:30:00	0	34.13	16.4	1952.6

4/14/2016	7:45:00	0	34.126	16.4	1952.6
4/14/2016	8:00:00	0	34.116	16.4	1952.6
4/14/2016	8:15:00	0	34.148	16.4	1952.6
4/14/2016	8:30:00	0	34.123	16.4	1951.4
4/14/2016	8:45:00	0	34.121	16.4	1952.6
4/14/2016	9:00:00	0	34.186	16.4	1951.4
4/14/2016	9:15:00	0	34.118	16.4	1951.4
4/14/2016	9:30:00	0	34.114	16.4	1951.4
4/14/2016	9:45:00	0	34.133	16.4	1951.4
4/14/2016	10:00:00	0	34.114	16.4	1952.6
4/14/2016	10:15:00	0	34.094	16.4	1952.6
4/14/2016	10:30:00	0	34.11	16.4	1951.4
4/14/2016	10:45:00	0	34.086	16.4	1951.4
4/14/2016	11:00:00	0	34.122	16.4	1952.6
4/14/2016	11:15:00	0	34.177	16.4	1952.6
4/14/2016	11:30:00	0	34.156	16.4	1952.6
4/14/2016	11:45:00	0	34.137	16.4	1951.4
4/14/2016	12:00:00	0	34.143	16.4	1951.4
4/14/2016	12:15:00	0	34.12	16.4	1951.4
4/14/2016	12:30:00	0	34.161	16.4	1951.4
4/14/2016	12:45:00	0	34.085	16.4	1952.6
4/14/2016	13:00:00	0	34.15	16.4	1951.4
4/14/2016	13:15:00	0	34.154	16.4	1952.6
4/14/2016	13:30:00	0	34.16	16.4	1952.6
4/14/2016	13:45:00	0	34.166	16.4	1951.4
4/14/2016	14:00:00	0	34.168	16.4	1951.4
4/14/2016	14:15:00	0	34.068	16.4	1951.4
4/14/2016	14:30:00	0	34.111	16.4	1951.4
4/14/2016	14:45:00	0	34.133	16.4	1952.6
4/14/2016	15:00:00	0	34.132	16.4	1952.6
4/14/2016	15:15:00	0	34.137	16.4	1952.6
4/14/2016	15:30:00	0	34.193	16.4	1952.6
4/14/2016	15:45:00	0	34.191	16.4	1952.6
4/14/2016	16:00:00	0	34.177	16.4	1951.4
4/14/2016	16:15:00	0	34.168	16.4	1952.6
4/14/2016	16:30:00	0	34.17	16.4	1952.6
4/14/2016	16:45:00	0	34.174	16.4	1952.6
4/14/2016	17:00:00	0	34.153	16.4	1952.6
4/14/2016	17:15:00	0	34.132	16.4	1952.6
4/14/2016	17:30:00	0	34.134	16.4	1951.4
4/14/2016	17:45:00	0	34.215	16.4	1952.6
4/14/2016	18:00:00	0	34.097	16.4	1951.4
4/14/2016	18:15:00	0	34.134	16.4	1952.6
4/14/2016	18:30:00	0	34.189	16.4	1951.4
4/14/2016	18:45:00	0	34.129	16.4	1951.4
4/14/2016	19:00:00	0	34.106	16.4	1952.6
4/14/2016	19:15:00	0	34.108	16.4	1951.4

4/14/2016	19:30:00	0	34.147	16.4	1951.4
4/14/2016	19:45:00	0	34.181	16.4	1951.4
4/14/2016	20:00:00	0	34.179	16.4	1951.4
4/14/2016	20:15:00	0	34.095	16.4	1951.4
4/14/2016	20:30:00	0	34.096	16.4	1952.6
4/14/2016	20:45:00	0	34.187	16.4	1952.6
4/14/2016	21:00:00	0	34.103	16.4	1951.4
4/14/2016	21:15:00	0	34.071	16.4	1952.6
4/14/2016	21:30:00	0	34.123	16.4	1951.4
4/14/2016	21:45:00	0	34.098	16.4	1951.4
4/14/2016	22:00:00	0	34.12	16.4	1952.6
4/14/2016	22:15:00	0	34.167	16.4	1952.6
4/14/2016	22:30:00	0	34.065	16.4	1952.6
4/14/2016	22:45:00	0	34.088	16.4	1952.6
4/14/2016	23:00:00	0	34.15	16.4	1952.6
4/14/2016	23:15:00	0	34.171	16.4	1951.4
4/14/2016	23:30:00	0	34.074	16.4	1952.6
4/14/2016	23:45:00	0	34.134	16.4	1952.6
4/15/2016	0:00:00	0	34.192	16.4	1951.4
4/15/2016	0:15:00	0	34.154	16.4	1952.6
4/15/2016	0:30:00	0	34.138	16.4	1952.6
4/15/2016	0:45:00	0	34.195	16.4	1951.4
4/15/2016	1:00:00	0	34.153	16.4	1952.6
4/15/2016	1:15:00	0	34.151	16.4	1952.6
4/15/2016	1:30:00	0	34.113	16.4	1952.6
4/15/2016	1:45:00	0	34.156	16.4	1952.6
4/15/2016	2:00:00	0	34.141	16.4	1952.6
4/15/2016	2:15:00	0	34.168	16.4	1952.6
4/15/2016	2:30:00	0	34.141	16.4	1952.6
4/15/2016	2:45:00	0	34.166	16.4	1952.6
4/15/2016	3:00:00	0	34.169	16.4	1952.6
4/15/2016	3:15:00	0	34.147	16.4	1952.6
4/15/2016	3:30:00	0	34.17	16.4	1952.6
4/15/2016	3:45:00	0	34.144	16.4	1952.6
4/15/2016	4:00:00	0	34.124	16.4	1952.6
4/15/2016	4:15:00	0	34.105	16.4	1952.6
4/15/2016	4:30:00	0	34.183	16.4	1952.6
4/15/2016	4:45:00	0	34.124	16.4	1952.6
4/15/2016	5:00:00	0	34.149	16.4	1952.6
4/15/2016	5:15:00	0	34.206	16.4	1952.6
4/15/2016	5:30:00	0	34.106	16.4	1952.6
4/15/2016	5:45:00	0	34.182	16.4	1952.6
4/15/2016	6:00:00	0	34.143	16.4	1951.4
4/15/2016	6:15:00	0	34.14	16.4	1952.6
4/15/2016	6:30:00	0	34.158	16.4	1952.6
4/15/2016	6:45:00	0	34.12	16.4	1952.6
4/15/2016	7:00:00	0	34.178	16.4	1952.6

4/15/2016	7:15:00	0	34.167	16.4	1952.6
4/15/2016	7:30:00	0	34.1	16.4	1952.6
4/15/2016	7:45:00	0	34.135	16.4	1952.6
4/15/2016	8:00:00	0	34.094	16.4	1952.6
4/15/2016	8:15:00	0	34.133	16.4	1952.6
4/15/2016	8:30:00	0	34.149	16.4	1952.6
4/15/2016	8:45:00	0	34.127	16.4	1952.6
4/15/2016	9:00:00	0	34.15	16.4	1952.6
4/15/2016	9:15:00	0	34.153	16.4	1952.6
4/15/2016	9:30:00	0	34.113	16.4	1952.6
4/15/2016	9:45:00	0	34.097	16.4	1952.6
4/15/2016	10:00:00	0	34.132	16.4	1952.6
4/15/2016	10:15:00	0	34.109	16.4	1952.6
4/15/2016	10:30:00	0	34.087	16.4	1952.6
4/15/2016	10:45:00	0	34.126	16.4	1952.6
4/15/2016	11:00:00	0	34.142	16.4	1952.6
4/15/2016	11:15:00	0	34.125	16.4	1952.6
4/15/2016	11:30:00	0	34.153	16.4	1952.6
4/15/2016	11:45:00	0	34.155	16.4	1952.6
4/15/2016	12:00:00	0	34.141	16.4	1952.6
4/15/2016	12:15:00	0	34.166	16.4	1952.6
4/15/2016	12:30:00	0	34.149	16.4	1952.6
4/15/2016	12:45:00	0	34.15	16.4	1952.6
4/15/2016	13:00:00	0	34.152	16.4	1952.6
4/15/2016	13:15:00	0	34.142	16.4	1952.6
4/15/2016	13:30:00	0	34.141	16.4	1952.6
4/15/2016	13:45:00	0	34.148	16.4	1952.6
4/15/2016	14:00:00	0	34.092	16.4	1952.6
4/15/2016	14:15:00	0	34.133	16.4	1954.9
4/15/2016	14:30:00	0	34.141	16.4	1952.6
4/15/2016	14:45:00	0	34.122	16.4	1952.6
4/15/2016	15:00:00	0	34.163	16.4	1952.6
4/15/2016	15:15:00	0	34.19	16.4	1952.6
4/15/2016	15:30:00	0	34.14	16.4	1952.6
4/15/2016	15:45:00	0	34.142	16.4	1952.6
4/15/2016	16:00:00	0	34.105	16.4	1952.6
4/15/2016	16:15:00	0	34.174	16.4	1952.6
4/15/2016	16:30:00	0	34.215	16.4	1952.6
4/15/2016	16:45:00	0	34.203	16.4	1952.6
4/15/2016	17:00:00	0	34.123	16.4	1952.6
4/15/2016	17:15:00	0	34.143	16.4	1952.6
4/15/2016	17:30:00	0	34.107	16.4	1952.6
4/15/2016	17:45:00	0	34.187	16.4	1952.6
4/15/2016	18:00:00	0	34.171	16.4	1951.4
4/15/2016	18:15:00	0	34.187	16.4	1952.6
4/15/2016	18:30:00	0	34.174	16.4	1952.6
4/15/2016	18:45:00	0	34.158	16.4	1952.6

4/15/2016	19:00:00	0	34.17	16.4	1951.4
4/15/2016	19:15:00	0	34.154	16.4	1952.6
4/15/2016	19:30:00	0	34.204	16.4	1952.6
4/15/2016	19:45:00	0	34.159	16.4	1952.6
4/15/2016	20:00:00	0	34.096	16.4	1952.6
4/15/2016	20:15:00	0	34.107	16.4	1952.6
4/15/2016	20:30:00	0	34.135	16.4	1952.6
4/15/2016	20:45:00	0	34.129	16.4	1952.6
4/15/2016	21:00:00	0	34.128	16.4	1952.6
4/15/2016	21:15:00	0	34.115	16.4	1952.6
4/15/2016	21:30:00	0	34.096	16.4	1952.6
4/15/2016	21:45:00	0	34.152	16.4	1952.6
4/15/2016	22:00:00	0	34.169	16.4	1952.6
4/15/2016	22:15:00	0	34.112	16.4	1952.6
4/15/2016	22:30:00	0	34.171	16.4	1952.6
4/15/2016	22:45:00	0	34.135	16.4	1952.6
4/15/2016	23:00:00	0	34.155	16.4	1952.6
4/15/2016	23:15:00	0	34.212	16.4	1952.6
4/15/2016	23:30:00	0	34.136	16.4	1952.6
4/15/2016	23:45:00	0	34.139	16.4	1952.6
4/16/2016	0:00:00	0	34.159	16.4	1952.6
4/16/2016	0:15:00	0	34.136	16.4	1952.6
4/16/2016	0:30:00	0	34.16	16.4	1952.6
4/16/2016	0:45:00	0	34.123	16.4	1954.9
4/16/2016	1:00:00	0	34.161	16.4	1952.6
4/16/2016	1:15:00	0	34.183	16.4	1952.6
4/16/2016	1:30:00	0	34.126	16.4	1952.6
4/16/2016	1:45:00	0	34.128	16.4	1952.6
4/16/2016	2:00:00	0	34.188	16.4	1952.6
4/16/2016	2:15:00	0	34.135	16.4	1952.6
4/16/2016	2:30:00	0	34.123	16.4	1952.6
4/16/2016	2:45:00	0	34.145	16.4	1952.6
4/16/2016	3:00:00	0	34.148	16.4	1952.6
4/16/2016	3:15:00	0	34.173	16.4	1952.6
4/16/2016	3:30:00	0	34.113	16.4	1952.6
4/16/2016	3:45:00	0	34.137	16.4	1952.6
4/16/2016	4:00:00	0	34.142	16.4	1954.9
4/16/2016	4:15:00	0	34.18	16.4	1952.6
4/16/2016	4:30:00	0	34.136	16.4	1952.6
4/16/2016	4:45:00	0	34.141	16.4	1954.9
4/16/2016	5:00:00	0	34.165	16.4	1954.9
4/16/2016	5:15:00	0	34.16	16.4	1952.6
4/16/2016	5:30:00	0	34.14	16.4	1952.6
4/16/2016	5:45:00	0	34.154	16.4	1954.9
4/16/2016	6:00:00	0	34.096	16.4	1952.6
4/16/2016	6:15:00	0	34.153	16.4	1952.6
4/16/2016	6:30:00	0	34.151	16.4	1954.9

4/16/2016	6:45:00	0	34.11	16.4	1952.6
4/16/2016	7:00:00	0	34.122	16.4	1954.9
4/16/2016	7:15:00	0	34.116	16.4	1952.6
4/16/2016	7:30:00	0	34.11	16.4	1954.9
4/16/2016	7:45:00	0	34.12	16.4	1952.6
4/16/2016	8:00:00	0	34.157	16.4	1952.6
4/16/2016	8:15:00	0	34.175	16.4	1954.9
4/16/2016	8:30:00	0	34.094	16.4	1954.9
4/16/2016	8:45:00	0	34.113	16.4	1954.9
4/16/2016	9:00:00	0	34.176	16.4	1952.6
4/16/2016	9:15:00	0	34.135	16.4	1952.6
4/16/2016	9:30:00	0	34.137	16.4	1954.9
4/16/2016	9:45:00	0	34.117	16.4	1952.6
4/16/2016	10:00:00	0	34.18	16.4	1952.6
4/16/2016	10:15:00	0	34.12	16.4	1952.6
4/16/2016	10:30:00	0	34.161	16.4	1954.9
4/16/2016	10:45:00	0	34.221	16.4	1952.6
4/16/2016	11:00:00	0	34.145	16.4	1952.6
4/16/2016	11:15:00	0	34.128	16.4	1954.9
4/16/2016	11:30:00	0	34.132	16.4	1954.9
4/16/2016	11:45:00	0	34.193	16.4	1952.6
4/16/2016	12:00:00	0	34.142	16.4	1952.6
4/16/2016	12:15:00	0	34.087	16.4	1954.9
4/16/2016	12:30:00	0	34.149	16.4	1954.9
4/16/2016	12:45:00	0	34.147	16.4	1954.9
4/16/2016	13:00:00	0	34.126	16.4	1954.9
4/16/2016	13:15:00	0	34.127	16.4	1954.9
4/16/2016	13:30:00	0	34.148	16.4	1952.6
4/16/2016	13:45:00	0	34.124	16.4	1954.9
4/16/2016	14:00:00	0	34.102	16.4	1954.9
4/16/2016	14:15:00	0	34.135	16.4	1952.6
4/16/2016	14:30:00	0	34.117	16.4	1952.6
4/16/2016	14:45:00	0	34.116	16.4	1954.9
4/16/2016	15:00:00	0	34.136	16.4	1952.6
4/16/2016	15:15:00	0	34.138	16.4	1954.9
4/16/2016	15:30:00	0	34.143	16.4	1954.9
4/16/2016	15:45:00	0	34.128	16.4	1954.9
4/16/2016	16:00:00	0	34.132	16.4	1952.6
4/16/2016	16:15:00	0	34.133	16.4	1954.9
4/16/2016	16:30:00	0	34.075	16.4	1954.9
4/16/2016	16:45:00	0	34.173	16.4	1954.9
4/16/2016	17:00:00	0	34.173	16.4	1952.6
4/16/2016	17:15:00	0	34.098	16.4	1954.9
4/16/2016	17:30:00	0	34.139	16.4	1952.6
4/16/2016	17:45:00	0	34.16	16.4	1954.9
4/16/2016	18:00:00	0	34.124	16.4	1954.9
4/16/2016	18:15:00	0	34.163	16.4	1952.6

4/16/2016	18:30:00	0	34.144	16.4	1954.9
4/16/2016	18:45:00	0	34.163	16.4	1954.9
4/16/2016	19:00:00	0	34.085	16.4	1954.9
4/16/2016	19:15:00	0	34.043	16.4	1954.9
4/16/2016	19:30:00	0	34.124	16.4	1954.9
4/16/2016	19:45:00	0	34.126	16.4	1954.9
4/16/2016	20:00:00	0	34.122	16.4	1954.9
4/16/2016	20:15:00	0	34.161	16.4	1954.9
4/16/2016	20:30:00	0	34.102	16.4	1954.9
4/16/2016	20:45:00	0	34.121	16.4	1954.9
4/16/2016	21:00:00	0	34.159	16.4	1954.9
4/16/2016	21:15:00	0	34.116	16.4	1952.6
4/16/2016	21:30:00	0	34.174	16.4	1954.9
4/16/2016	21:45:00	0	34.091	16.4	1954.9
4/16/2016	22:00:00	0	34.129	16.4	1954.9
4/16/2016	22:15:00	0	34.169	16.4	1954.9
4/16/2016	22:30:00	0	34.174	16.4	1954.9
4/16/2016	22:45:00	0	34.137	16.4	1954.9
4/16/2016	23:00:00	0	34.118	16.4	1954.9
4/16/2016	23:15:00	0	34.142	16.4	1954.9
4/16/2016	23:30:00	0	34.124	16.4	1954.9
4/16/2016	23:45:00	0	34.146	16.4	1954.9
4/17/2016	0:00:00	0	34.104	16.4	1954.9
4/17/2016	0:15:00	0	34.146	16.4	1954.9
4/17/2016	0:30:00	0	34.151	16.4	1954.9
4/17/2016	0:45:00	0	34.131	16.4	1954.9
4/17/2016	1:00:00	0	34.188	16.4	1954.9
4/17/2016	1:15:00	0	34.152	16.4	1954.9
4/17/2016	1:30:00	0	34.093	16.4	1954.9
4/17/2016	1:45:00	0	34.095	16.4	1954.9
4/17/2016	2:00:00	0	34.16	16.4	1954.9
4/17/2016	2:15:00	0	34.164	16.4	1954.9
4/17/2016	2:30:00	0	34.164	16.4	1954.9
4/17/2016	2:45:00	0	34.17	16.4	1954.9
4/17/2016	3:00:00	0	34.136	16.4	1954.9
4/17/2016	3:15:00	0	34.095	16.4	1954.9
4/17/2016	3:30:00	0	34.117	16.4	1954.9
4/17/2016	3:45:00	0	34.102	16.4	1954.9
4/17/2016	4:00:00	0	34.105	16.4	1954.9
4/17/2016	4:15:00	0	34.086	16.4	1954.9
4/17/2016	4:30:00	0	34.149	16.4	1954.9
4/17/2016	4:45:00	0	34.129	16.4	1954.9
4/17/2016	5:00:00	0	34.15	16.4	1954.9
4/17/2016	5:15:00	0	34.136	16.4	1954.9
4/17/2016	5:30:00	0	34.118	16.4	1954.9
4/17/2016	5:45:00	0	34.139	16.4	1954.9
4/17/2016	6:00:00	0	34.157	16.4	1954.9

4/17/2016	6:15:00	0	34.157	16.4	1954.9
4/17/2016	6:30:00	0	34.174	16.4	1954.9
4/17/2016	6:45:00	0	34.153	16.4	1954.9
4/17/2016	7:00:00	0	34.156	16.4	1952.6
4/17/2016	7:15:00	0	34.173	16.4	1954.9
4/17/2016	7:30:00	0	34.152	16.4	1954.9
4/17/2016	7:45:00	0	34.169	16.4	1952.6
4/17/2016	8:00:00	0	34.11	16.4	1954.9
4/17/2016	8:15:00	0	34.166	16.4	1954.9
4/17/2016	8:30:00	0	34.125	16.4	1954.9
4/17/2016	8:45:00	0	34.088	16.4	1954.9
4/17/2016	9:00:00	0	34.11	16.4	1954.9
4/17/2016	9:15:00	0	34.151	16.4	1954.9
4/17/2016	9:30:00	0	34.154	16.4	1954.9
4/17/2016	9:45:00	0	34.139	16.4	1954.9
4/17/2016	10:00:00	0	34.082	16.4	1954.9
4/17/2016	10:15:00	0	34.101	16.4	1954.9
4/17/2016	10:30:00	0	34.103	16.4	1954.9
4/17/2016	10:45:00	0	34.084	16.4	1956.1
4/17/2016	11:00:00	0	34.166	16.4	1954.9
4/17/2016	11:15:00	0	34.109	16.4	1954.9
4/17/2016	11:30:00	0	34.154	16.4	1954.9
4/17/2016	11:45:00	0	34.118	16.4	1954.9
4/17/2016	12:00:00	0	34.123	16.4	1954.9
4/17/2016	12:15:00	0	34.141	16.4	1954.9
4/17/2016	12:30:00	0	34.156	16.4	1954.9
4/17/2016	12:45:00	0	34.061	16.4	1954.9
4/17/2016	13:00:00	0	34.162	16.4	1954.9
4/17/2016	13:15:00	0	34.144	16.4	1954.9
4/17/2016	13:30:00	0	34.16	16.4	1954.9
4/17/2016	13:45:00	0	34.115	16.4	1954.9
4/17/2016	14:00:00	0	34.088	16.4	1954.9
4/17/2016	14:15:00	0	34.162	16.4	1954.9
4/17/2016	14:30:00	0	34.128	16.4	1956.1
4/17/2016	14:45:00	0	34.108	16.4	1954.9
4/17/2016	15:00:00	0	34.187	16.4	1954.9
4/17/2016	15:15:00	0	34.109	16.4	1954.9
4/17/2016	15:30:00	0	34.123	16.4	1954.9
4/17/2016	15:45:00	0	34.145	16.4	1954.9
4/17/2016	16:00:00	0	34.1	16.4	1954.9
4/17/2016	16:15:00	0	34.101	16.4	1954.9
4/17/2016	16:30:00	0	34.106	16.4	1954.9
4/17/2016	16:45:00	0	34.181	16.4	1954.9
4/17/2016	17:00:00	0	34.142	16.4	1954.9
4/17/2016	17:15:00	0	34.076	16.4	1954.9
4/17/2016	17:30:00	0	34.115	16.4	1956.1
4/17/2016	17:45:00	0	34.133	16.4	1954.9

4/17/2016	18:00:00	0	34.196	16.4	1954.9
4/17/2016	18:15:00	0	34.137	16.4	1956.1
4/17/2016	18:30:00	0	34.1	16.4	1954.9
4/17/2016	18:45:00	0	34.122	16.4	1954.9
4/17/2016	19:00:00	0	34.138	16.4	1954.9
4/17/2016	19:15:00	0	34.098	16.4	1954.9
4/17/2016	19:30:00	0	34.194	16.4	1954.9
4/17/2016	19:45:00	0	34.071	16.4	1954.9
4/17/2016	20:00:00	0	34.168	16.4	1954.9
4/17/2016	20:15:00	0	34.084	16.4	1954.9
4/17/2016	20:30:00	0	34.122	16.4	1954.9
4/17/2016	20:45:00	0	34.118	16.4	1954.9
4/17/2016	21:00:00	0	34.098	16.4	1954.9
4/17/2016	21:15:00	0	34.113	16.4	1954.9
4/17/2016	21:30:00	0	34.133	16.4	1954.9
4/17/2016	21:45:00	0	34.115	16.4	1954.9
4/17/2016	22:00:00	0	34.111	16.4	1954.9
4/17/2016	22:15:00	0	34.154	16.4	1954.9
4/17/2016	22:30:00	0	34.155	16.4	1956.1
4/17/2016	22:45:00	0	34.117	16.4	1954.9
4/17/2016	23:00:00	0	34.155	16.4	1954.9
4/17/2016	23:15:00	0	34.14	16.4	1954.9
4/17/2016	23:30:00	0	34.183	16.4	1956.1
4/17/2016	23:45:00	0	34.122	16.4	1954.9
4/18/2016	0:00:00	0	34.144	16.4	1956.1
4/18/2016	0:15:00	0	34.146	16.4	1954.9
4/18/2016	0:30:00	0	34.122	16.4	1954.9
4/18/2016	0:45:00	0	34.165	16.4	1954.9
4/18/2016	1:00:00	0	34.123	16.4	1956.1
4/18/2016	1:15:00	0	34.102	16.4	1956.1
4/18/2016	1:30:00	0	34.161	16.4	1954.9
4/18/2016	1:45:00	0	34.125	16.4	1956.1
4/18/2016	2:00:00	0	34.148	16.4	1954.9
4/18/2016	2:15:00	0	34.131	16.4	1954.9
4/18/2016	2:30:00	0	34.195	16.4	1956.1
4/18/2016	2:45:00	0	34.098	16.4	1954.9
4/18/2016	3:00:00	0	34.161	16.4	1954.9
4/18/2016	3:15:00	0	34.143	16.4	1956.1
4/18/2016	3:30:00	0	34.183	16.4	1954.9
4/18/2016	3:45:00	0	34.186	16.4	1954.9
4/18/2016	4:00:00	0	34.122	16.4	1956.1
4/18/2016	4:15:00	0	34.181	16.4	1954.9
4/18/2016	4:30:00	0	34.135	16.4	1954.9
4/18/2016	4:45:00	0	34.152	16.4	1954.9
4/18/2016	5:00:00	0	34.132	16.4	1956.1
4/18/2016	5:15:00	0	34.131	16.4	1954.9
4/18/2016	5:30:00	0	34.09	16.4	1956.1

4/18/2016	5:45:00	0	34.188	16.4	1956.1
4/18/2016	6:00:00	0	34.091	16.4	1954.9
4/18/2016	6:15:00	0	34.171	16.4	1954.9
4/18/2016	6:30:00	0	34.146	16.4	1954.9
4/18/2016	6:45:00	0	34.179	16.4	1956.1
4/18/2016	7:00:00	0	34.111	16.4	1954.9
4/18/2016	7:15:00	0	34.167	16.4	1956.1
4/18/2016	7:30:00	0	34.117	16.4	1956.1
4/18/2016	7:45:00	0	34.109	16.4	1954.9
4/18/2016	8:00:00	0	34.178	16.4	1956.1
4/18/2016	8:15:00	0	34.159	16.4	1954.9
4/18/2016	8:30:00	0	34.118	16.4	1954.9
4/18/2016	8:45:00	0	34.115	16.4	1956.1
4/18/2016	9:00:00	0	34.169	16.4	1956.1
4/18/2016	9:15:00	0	34.134	16.4	1956.1
4/18/2016	9:30:00	0	34.173	16.4	1956.1
4/18/2016	9:45:00	0	34.115	16.4	1954.9
4/18/2016	10:00:00	0	34.155	16.4	1956.1
4/18/2016	10:15:00	0	34.119	16.4	1956.1
4/18/2016	10:30:00	0	34.118	16.4	1956.1
4/18/2016	10:45:00	0	34.12	16.4	1954.9
4/18/2016	11:00:00	0	34.143	16.4	1956.1
4/18/2016	11:15:00	0	34.188	16.4	1954.9
4/18/2016	11:30:00	0	34.168	16.4	1954.9
4/18/2016	11:45:00	0	34.132	16.4	1954.9
4/18/2016	12:00:00	0	34.178	16.4	1954.9
4/18/2016	12:15:00	0	34.166	16.4	1956.1
4/18/2016	12:30:00	0	34.153	16.4	1954.9
4/18/2016	12:45:00	0	34.181	16.4	1954.9
4/18/2016	13:00:00	0	34.166	16.4	1956.1
4/18/2016	13:15:00	0	34.104	16.4	1954.9
4/18/2016	13:30:00	0	34.158	16.4	1956.1
4/18/2016	13:45:00	0	34.138	16.4	1954.9
4/18/2016	14:00:00	0	34.18	16.4	1956.1
4/18/2016	14:15:00	0	34.135	16.4	1954.9
4/18/2016	14:30:00	0	34.095	16.4	1954.9
4/18/2016	14:45:00	0	34.133	16.4	1956.1
4/18/2016	15:00:00	0	34.135	16.4	1956.1
4/18/2016	15:15:00	0	34.134	16.4	1954.9
4/18/2016	15:30:00	0	34.114	16.4	1956.1
4/18/2016	15:45:00	0	34.128	16.4	1956.1
4/18/2016	16:00:00	0	34.08	16.4	1954.9
4/18/2016	16:15:00	0	34.159	16.4	1956.1
4/18/2016	16:30:00	0	34.133	16.4	1956.1
4/18/2016	16:45:00	0	34.133	16.4	1956.1
4/18/2016	17:00:00	0	34.112	16.4	1956.1
4/18/2016	17:15:00	0	34.095	16.4	1956.1

4/18/2016	17:30:00	0	34.119	16.4	1956.1
4/18/2016	17:45:00	0	34.084	16.4	1956.1
4/18/2016	18:00:00	0	34.169	16.4	1956.1
4/18/2016	18:15:00	0	34.106	16.4	1956.1
4/18/2016	18:30:00	0	34.17	16.4	1956.1
4/18/2016	18:45:00	0	34.089	16.4	1956.1
4/18/2016	19:00:00	0	34.15	16.4	1956.1
4/18/2016	19:15:00	0	34.092	16.4	1956.1
4/18/2016	19:30:00	0	34.086	16.4	1956.1
4/18/2016	19:45:00	0	34.163	16.4	1956.1
4/18/2016	20:00:00	0	34.101	16.4	1956.1
4/18/2016	20:15:00	0	34.097	16.4	1956.1
4/18/2016	20:30:00	0	34.154	16.4	1956.1
4/18/2016	20:45:00	0	34.136	16.4	1956.1
4/18/2016	21:00:00	0	34.114	16.4	1956.1
4/18/2016	21:15:00	0	34.173	16.4	1956.1
4/18/2016	21:30:00	0	34.131	16.4	1956.1
4/18/2016	21:45:00	0	34.129	16.4	1956.1
4/18/2016	22:00:00	0	34.089	16.4	1956.1
4/18/2016	22:15:00	0	34.129	16.4	1956.1
4/18/2016	22:30:00	0	34.168	16.4	1956.1
4/18/2016	22:45:00	0	34.091	16.4	1956.1
4/18/2016	23:00:00	0	34.17	16.4	1956.1
4/18/2016	23:15:00	0	34.113	16.4	1956.1
4/18/2016	23:30:00	0	34.118	16.4	1956.1
4/18/2016	23:45:00	0	34.144	16.4	1956.1
4/19/2016	0:00:00	0	34.145	16.4	1956.1
4/19/2016	0:15:00	0	34.146	16.4	1956.1
4/19/2016	0:30:00	0	34.133	16.4	1956.1
4/19/2016	0:45:00	0	34.076	16.4	1956.1
4/19/2016	1:00:00	0	34.119	16.4	1956.1
4/19/2016	1:15:00	0	34.141	16.4	1956.1
4/19/2016	1:30:00	0	34.107	16.4	1956.1
4/19/2016	1:45:00	0	34.129	16.4	1956.1
4/19/2016	2:00:00	0	34.152	16.4	1956.1
4/19/2016	2:15:00	0	34.155	16.4	1956.1
4/19/2016	2:30:00	0	34.118	16.4	1956.1
4/19/2016	2:45:00	0	34.161	16.4	1956.1
4/19/2016	3:00:00	0	34.188	16.4	1956.1
4/19/2016	3:15:00	0	34.133	16.4	1956.1
4/19/2016	3:30:00	0	34.151	16.4	1956.1
4/19/2016	3:45:00	0	34.149	16.4	1956.1
4/19/2016	4:00:00	0	34.151	16.4	1956.1
4/19/2016	4:15:00	0	34.196	16.4	1956.1
4/19/2016	4:30:00	0	34.144	16.4	1956.1
4/19/2016	4:45:00	0	34.128	16.4	1956.1
4/19/2016	5:00:00	0	34.111	16.4	1956.1

4/19/2016	5:15:00	0	34.213	16.4	1956.1
4/19/2016	5:30:00	0	34.117	16.4	1956.1
4/19/2016	5:45:00	0	34.12	16.4	1956.1
4/19/2016	6:00:00	0	34.183	16.4	1956.1
4/19/2016	6:15:00	0	34.146	16.4	1956.1
4/19/2016	6:30:00	0	34.149	16.4	1956.1
4/19/2016	6:45:00	0	34.11	16.4	1956.1
4/19/2016	7:00:00	0	34.145	16.4	1956.1
4/19/2016	7:15:00	0	34.144	16.4	1956.1
4/19/2016	7:30:00	0	34.164	16.4	1956.1
4/19/2016	7:45:00	0	34.161	16.4	1956.1
4/19/2016	8:00:00	0	34.099	16.4	1956.1
4/19/2016	8:15:00	0	34.138	16.4	1956.1
4/19/2016	8:30:00	0	34.197	16.4	1956.1
4/19/2016	8:45:00	0	34.116	16.4	1956.1
4/19/2016	9:00:00	0	34.172	16.4	1956.1
4/19/2016	9:15:00	0	34.136	16.4	1956.1
4/19/2016	9:30:00	0	34.135	16.4	1956.1
4/19/2016	9:45:00	0	34.156	16.4	1956.1
4/19/2016	10:00:00	0	34.118	16.4	1956.1
4/19/2016	10:15:00	0	34.158	16.4	1956.1
4/19/2016	10:30:00	0	34.139	16.4	1956.1
4/19/2016	10:45:00	0	34.119	16.4	1956.1
4/19/2016	11:00:00	0	34.163	16.4	1956.1
4/19/2016	11:15:00	0	34.184	16.4	1956.1
4/19/2016	11:30:00	0	34.122	16.4	1956.1
4/19/2016	11:45:00	0	34.184	16.4	1956.1
4/19/2016	12:00:00	0	34.103	16.4	1956.1
4/19/2016	12:15:00	0	34.126	16.4	1956.1
4/19/2016	12:30:00	0	34.128	16.4	1957.2
4/19/2016	12:45:00	0	34.149	16.4	1956.1
4/19/2016	13:00:00	0	34.113	16.4	1956.1
4/19/2016	13:15:00	0	34.139	16.4	1956.1
4/19/2016	13:30:00	0	34.152	16.4	1956.1
4/19/2016	13:45:00	0	34.133	16.4	1956.1
4/19/2016	14:00:00	0	34.089	16.4	1956.1
4/19/2016	14:15:00	0	34.106	16.4	1956.1
4/19/2016	14:30:00	0	34.204	16.4	1956.1
4/19/2016	14:45:00	0	34.127	16.4	1956.1
4/19/2016	15:00:00	0	34.167	16.4	1956.1
4/19/2016	15:15:00	0	34.153	16.4	1956.1
4/19/2016	15:30:00	0	34.175	16.4	1957.2
4/19/2016	15:45:00	0	34.139	16.4	1956.1
4/19/2016	16:00:00	0	34.146	16.4	1956.1
4/19/2016	16:15:00	0	34.133	16.4	1956.1
4/19/2016	16:30:00	0	34.156	16.4	1956.1
4/19/2016	16:45:00	0	34.201	16.4	1957.2

4/19/2016	17:00:00	0	34.168	16.4	1956.1
4/19/2016	17:15:00	0	34.166	16.4	1956.1
4/19/2016	17:30:00	0	34.131	16.4	1957.2
4/19/2016	17:45:00	0	34.15	16.4	1956.1
4/19/2016	18:00:00	0	34.151	16.4	1956.1
4/19/2016	18:15:00	0	34.132	16.4	1957.2
4/19/2016	18:30:00	0	34.118	16.4	1957.2
4/19/2016	18:45:00	0	34.141	16.4	1957.2
4/19/2016	19:00:00	0	34.144	16.4	1956.1
4/19/2016	19:15:00	0	34.104	16.4	1956.1
4/19/2016	19:30:00	0	34.162	16.4	1957.2
4/19/2016	19:45:00	0	34.143	16.4	1957.2
4/19/2016	20:00:00	0	34.112	16.4	1957.2
4/19/2016	20:15:00	0	34.104	16.4	1956.1
4/19/2016	20:30:00	0	34.12	16.4	1956.1
4/19/2016	20:45:00	0	34.114	16.4	1956.1
4/19/2016	21:00:00	0	34.126	16.4	1957.2
4/19/2016	21:15:00	0	34.122	16.4	1956.1
4/19/2016	21:30:00	0	34.06	16.4	1956.1
4/19/2016	21:45:00	0	34.141	16.4	1956.1
4/19/2016	22:00:00	0	34.123	16.4	1956.1
4/19/2016	22:15:00	0	34.161	16.4	1957.2
4/19/2016	22:30:00	0	34.159	16.4	1957.2
4/19/2016	22:45:00	0	34.102	16.4	1957.2
4/19/2016	23:00:00	0	34.126	16.4	1956.1
4/19/2016	23:15:00	0	34.108	16.4	1956.1
4/19/2016	23:30:00	0	34.131	16.4	1956.1
4/19/2016	23:45:00	0	34.155	16.4	1956.1
4/20/2016	0:00:00	0	34.132	16.4	1957.2
4/20/2016	0:15:00	0	34.132	16.4	1957.2
4/20/2016	0:30:00	0	34.145	16.4	1956.1
4/20/2016	0:45:00	0	34.207	16.4	1957.2
4/20/2016	1:00:00	0	34.165	16.4	1956.1
4/20/2016	1:15:00	0	34.228	16.4	1957.2
4/20/2016	1:30:00	0	34.134	16.4	1957.2
4/20/2016	1:45:00	0	34.137	16.4	1957.2
4/20/2016	2:00:00	0	34.154	16.4	1957.2
4/20/2016	2:15:00	0	34.135	16.4	1956.1
4/20/2016	2:30:00	0	34.114	16.4	1957.2
4/20/2016	2:45:00	0	34.138	16.4	1957.2
4/20/2016	3:00:00	0	34.1	16.4	1957.2
4/20/2016	3:15:00	0	34.181	16.4	1957.2
4/20/2016	3:30:00	0	34.142	16.4	1957.2
4/20/2016	3:45:00	0	34.161	16.4	1956.1
4/20/2016	4:00:00	0	34.137	16.4	1957.2
4/20/2016	4:15:00	0	34.179	16.4	1957.2
4/20/2016	4:30:00	0	34.201	16.4	1957.2

4/20/2016	4:45:00	0	34.144	16.4	1957.2
4/20/2016	5:00:00	0	34.183	16.4	1957.2
4/20/2016	5:15:00	0	34.144	16.4	1957.2
4/20/2016	5:30:00	0	34.183	16.4	1957.2
4/20/2016	5:45:00	0	34.164	16.4	1957.2
4/20/2016	6:00:00	0	34.146	16.4	1957.2
4/20/2016	6:15:00	0	34.165	16.4	1956.1
4/20/2016	6:30:00	0	34.163	16.4	1956.1
4/20/2016	6:45:00	0	34.2	16.4	1956.1
4/20/2016	7:00:00	0	34.175	16.4	1957.2
4/20/2016	7:15:00	0	34.132	16.4	1957.2
4/20/2016	7:30:00	0	34.127	16.4	1957.2
4/20/2016	7:45:00	0	34.145	16.4	1957.2
4/20/2016	8:00:00	0	34.141	16.4	1957.2
4/20/2016	8:15:00	0	34.179	16.4	1957.2
4/20/2016	8:30:00	0	34.091	16.4	1957.2
4/20/2016	8:45:00	0	34.109	16.4	1957.2
4/20/2016	9:00:00	0	34.147	16.4	1957.2
4/20/2016	9:15:00	0	34.121	16.4	1957.2
4/20/2016	9:30:00	0	34.159	16.4	1957.2
4/20/2016	9:45:00	0	34.101	16.4	1957.2
4/20/2016	10:00:00	0	34.12	16.4	1957.2
4/20/2016	10:15:00	0	34.143	16.4	1956.1
4/20/2016	10:30:00	0	34.124	16.4	1957.2
4/20/2016	10:45:00	0	34.122	16.4	1957.2
4/20/2016	11:00:00	0	34.122	16.4	1957.2
4/20/2016	11:15:00	0	34.142	16.4	1957.2
4/20/2016	11:30:00	0	34.104	16.4	1957.2
4/20/2016	11:45:00	0	34.123	16.4	1957.2
4/20/2016	12:00:00	0	34.123	16.4	1957.2
4/20/2016	12:15:00	0	34.143	16.4	1957.2
4/20/2016	12:30:00	0	34.122	16.4	1957.2
4/20/2016	12:45:00	0	34.142	16.4	1957.2
4/20/2016	13:00:00	0	34.182	16.4	1957.2
4/20/2016	13:15:00	0	34.144	16.4	1957.2
4/20/2016	13:30:00	0	34.126	16.4	1957.2
4/20/2016	13:45:00	0	34.164	16.4	1957.2
4/20/2016	14:00:00	0	34.145	16.4	1957.2
4/20/2016	14:15:00	0	34.128	16.4	1957.2
4/20/2016	14:30:00	0	34.15	16.4	1957.2
4/20/2016	14:45:00	0	34.153	16.4	1957.2
4/20/2016	15:00:00	0	34.135	16.4	1957.2
4/20/2016	15:15:00	0	34.093	16.4	1957.2
4/20/2016	15:30:00	0	34.16	16.4	1957.2
4/20/2016	15:45:00	0	34.101	16.4	1957.2
4/20/2016	16:00:00	0	34.161	16.4	1957.2
4/20/2016	16:15:00	0	34.145	16.4	1957.2

4/20/2016	16:30:00	0	34.144	16.4	1957.2
4/20/2016	16:45:00	0	34.085	16.4	1957.2
4/20/2016	17:00:00	0	34.125	16.4	1957.2
4/20/2016	17:15:00	0	34.128	16.4	1957.2
4/20/2016	17:30:00	0	34.146	16.4	1957.2
4/20/2016	17:45:00	0	34.106	16.4	1957.2
4/20/2016	18:00:00	0	34.128	16.4	1957.2
4/20/2016	18:15:00	0	34.129	16.4	1957.2
4/20/2016	18:30:00	0	34.133	16.4	1957.2
4/20/2016	18:45:00	0	34.133	16.4	1957.2
4/20/2016	19:00:00	0	34.171	16.4	1957.2
4/20/2016	19:15:00	0	34.153	16.4	1957.2
4/20/2016	19:30:00	0	34.138	16.4	1957.2
4/20/2016	19:45:00	0	34.077	16.4	1957.2
4/20/2016	20:00:00	0	34.099	16.4	1957.2
4/20/2016	20:15:00	0	34.178	16.4	1957.2
4/20/2016	20:30:00	0	34.135	16.4	1957.2
4/20/2016	20:45:00	0	34.127	16.4	1957.2
4/20/2016	21:00:00	0	34.08	16.4	1957.2
4/20/2016	21:15:00	0	34.136	16.4	1957.2
4/20/2016	21:30:00	0	34.154	16.4	1957.2
4/20/2016	21:45:00	0	34.131	16.4	1957.2
4/20/2016	22:00:00	0	34.171	16.4	1957.2
4/20/2016	22:15:00	0	34.129	16.4	1957.2
4/20/2016	22:30:00	0	34.09	16.4	1957.2
4/20/2016	22:45:00	0	34.094	16.4	1957.2
4/20/2016	23:00:00	0	34.076	16.4	1957.2
4/20/2016	23:15:00	0	34.161	16.4	1957.2
4/20/2016	23:30:00	0	34.124	16.4	1957.2
4/20/2016	23:45:00	0	34.1	16.4	1957.2

Report Date: 4/22/2016 8:22:07 AM
Report User Name: KMakar
Report Computer Name: WKST46
Application: WinSitu.exe
Application Version: 5.6.25.0

Log File Properties:
File Name: MPWSP MW-7D LT Test_2016-04-21_09-47-30-157-BaroMerge.wsl
Create Date: 4/22/2016 8:12:46 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

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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
4/22/2016 8:12:46 AM	User Note: "Pressure & Level adjusted by baro data from: "MPWSP BaroTroll Pre Test_Append_2016-04-21_18-56-38-301.wsl""

_____
Log Data:
Record Count: 849
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 SN#: 441205	Sensor: PCTD(A) 658.7ft SN#: 441205	Sensor: PCTD(A) 658.7ft SN#: 441205	Sensor: PCTD(A) 658.7ft SN#: 441205
Sensor: PCTD(A) 658.7ft SN#: 441205	Sensor: PCTD(A) 658.7ft SN#: 441205	Sensor: PCTD(A) 658.7ft SN#: 441205	Sensor: PCTD(A) 658.7ft SN#: 441205	Sensor: PCTD(A) 658.7ft SN#: 441205	Sensor: PCTD(A) 658.7ft SN#: 441205
Sensor: PCTD(A) 658.7ft SN#: 441205	Sensor: PCTD(A) 658.7ft SN#: 441205	Sensor: Baro-Adj Calc 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 (ppt)	Resistivity (ohm-cm)	Water Density (g/cm3)	Barometric Pressure (PSI)
4/14/2016 12:00:00 AM	124200.000	117.594	19.255	268.034	

34451.109	38697.094	24.848	26.314	29.027
1.017	14.791			
4/14/2016 12:15:00 AM	125100.000	117.603	19.256	268.053
34459.617	38706.363	24.855	26.320	29.019
1.017	14.795			
4/14/2016 12:30:00 AM	126000.000	117.593	19.255	268.031
34456.441	38703.227	24.852	26.318	29.022
1.017	14.793			
4/14/2016 12:45:00 AM	126900.000	117.606	19.256	268.060
34472.000	38720.273	24.865	26.330	29.009
1.017	14.791			
4/14/2016 1:00:00 AM	127800.000	117.598	19.256	268.042
34485.605	38735.625	24.875	26.340	28.998
1.017	14.794			
4/14/2016 1:15:00 AM	128700.000	117.592	19.256	268.028
34445.676	38690.414	24.843	26.309	29.031
1.017	14.803			
4/14/2016 1:30:00 AM	129600.000	117.592	19.255	268.029
34468.016	38716.012	24.861	26.327	29.012
1.017	14.799			
4/14/2016 1:45:00 AM	130500.000	117.609	19.255	268.068
34459.309	38706.172	24.855	26.320	29.020
1.017	14.796			
4/14/2016 2:00:00 AM	131400.000	117.595	19.255	268.036
34436.762	38681.121	24.837	26.303	29.039
1.017	14.802			
4/14/2016 2:15:00 AM	132300.000	117.603	19.256	268.053
34468.344	38715.727	24.861	26.327	29.012
1.017	14.792			
4/14/2016 2:30:00 AM	133200.000	117.612	19.256	268.074
34462.398	38709.129	24.857	26.322	29.017
1.017	14.790			
4/14/2016 2:45:00 AM	134100.000	117.603	19.256	268.053
34464.391	38711.656	24.858	26.324	29.015
1.017	14.787			
4/14/2016 3:00:00 AM	135000.000	117.618	19.256	268.088
34477.617	38726.441	24.869	26.334	29.004
1.017	14.786			
4/14/2016 3:15:00 AM	135900.000	117.615	19.255	268.082
34462.949	38710.258	24.857	26.323	29.017
1.017	14.785			
4/14/2016 3:30:00 AM	136800.000	117.622	19.256	268.097
34445.758	38690.582	24.843	26.310	29.031
1.017	14.781			
4/14/2016 3:45:00 AM	137700.000	117.619	19.256	268.089
34477.039	38725.496	24.868	26.333	29.005
1.017	14.782			
4/14/2016 4:00:00 AM	138600.000	117.627	19.256	268.108
34455.500	38701.379	24.851	26.317	29.023
1.017	14.777			
4/14/2016 4:15:00 AM	139500.000	117.634	19.256	268.123
34469.809	38717.742	24.863	26.328	29.011
1.017	14.774			
4/14/2016 4:30:00 AM	140400.000	117.636	19.256	268.128
34480.316	38729.039	24.871	26.336	29.002
1.017	14.772			
4/14/2016 4:45:00 AM	141300.000	117.638	19.256	268.134
34455.500	38701.449	24.851	26.317	29.023

1.017 14.767
4/14/2016 5:00:00 AM 142200.000 117.644 19.256 268.146
34470.770 38718.379 24.863 26.328 29.010
1.017 14.766
4/14/2016 5:15:00 AM 143100.000 117.643 19.257 268.145
34465.684 38712.379 24.859 26.324 29.014
1.017 14.765
4/14/2016 5:30:00 AM 144000.000 117.647 19.256 268.153
34466.102 38713.508 24.860 26.325 29.014
1.017 14.773
4/14/2016 5:45:00 AM 144900.000 117.665 19.256 268.195
34468.137 38715.422 24.861 26.326 29.012
1.017 14.764
4/14/2016 6:00:00 AM 145800.000 117.657 19.256 268.177
34471.480 38719.113 24.864 26.329 29.009
1.017 14.769
4/14/2016 6:15:00 AM 146700.000 117.665 19.256 268.194
34481.387 38730.602 24.872 26.337 29.001
1.017 14.770
4/14/2016 6:30:00 AM 147600.000 117.671 19.256 268.208
34452.508 38698.309 24.849 26.315 29.025
1.017 14.766
4/14/2016 6:45:00 AM 148500.000 117.669 19.256 268.203
34477.906 38726.766 24.869 26.334 29.004
1.017 14.784
4/14/2016 7:00:00 AM 149400.000 117.654 19.256 268.170
34480.219 38728.930 24.871 26.336 29.002
1.017 14.783
4/14/2016 7:15:00 AM 150300.000 117.657 19.257 268.177
34487.422 38736.441 24.876 26.341 28.996
1.017 14.780
4/14/2016 7:30:00 AM 151200.000 117.655 19.255 268.172
34469.441 38717.613 24.863 26.328 29.011
1.017 14.793
4/14/2016 7:45:00 AM 152100.000 117.673 19.255 268.214
34478.520 38727.957 24.870 26.335 29.004
1.017 14.788
4/14/2016 8:00:00 AM 153000.000 117.663 19.256 268.190
34473.188 38721.168 24.865 26.330 29.008
1.017 14.793
4/14/2016 8:15:00 AM 153900.000 117.648 19.256 268.157
34471.121 38719.285 24.864 26.329 29.010
1.017 14.803
4/14/2016 8:30:00 AM 154800.000 117.656 19.256 268.174
34479.070 38728.145 24.870 26.335 29.003
1.017 14.801
4/14/2016 8:45:00 AM 155700.000 117.639 19.255 268.137
34459.227 38706.355 24.855 26.320 29.020
1.017 14.807
4/14/2016 9:00:00 AM 156600.000 117.653 19.256 268.167
34476.809 38725.672 24.868 26.333 29.005
1.017 14.799
4/14/2016 9:15:00 AM 157500.000 117.639 19.256 268.136
34453.387 38699.152 24.850 26.315 29.025
1.017 14.802
4/14/2016 9:30:00 AM 158400.000 117.641 19.256 268.140
34464.195 38711.574 24.858 26.324 29.016
1.017 14.804

4/14/2016 9:45:00 AM 159300.000 117.631 19.255 268.117
34441.422 38686.141 24.840 26.307 29.035
1.017 14.804
4/14/2016 10:00:00 AM 160200.006 -0.030 16.624 -0.068
7.186 8.555 0.003 0.006 139155.031 0.999
14.808
4/14/2016 10:15:00 AM 161100.000 1.757 15.734 4.005
10672.522 12967.587 7.504 8.818 93.699
1.005 14.803
4/14/2016 10:30:00 AM 162000.000 0.195 16.330 0.445
41975.961 50307.113 33.092 34.209 23.823
1.024 14.803
4/14/2016 10:45:00 AM 162900.000 0.188 15.877 0.427
10598.975 12835.692 7.423 8.728 94.349
1.005 14.809
4/14/2016 11:00:00 AM 163800.000 0.279 16.593 0.637
42227.152 50304.293 33.108 34.207 23.681
1.024 14.810
4/14/2016 11:15:00 AM 164700.000 -0.017 17.988 -0.040
0.152 0.175 0.000 0.000 6586473.000 0.999
14.810
4/14/2016 11:30:00 AM 165600.000 -0.042 30.369 -0.096
0.000 0.000 0.000 0.000 10000000.000
0.996 14.819
4/14/2016 11:45:00 AM 166500.000 -0.024 30.584 -0.054
0.000 0.000 0.000 0.000 10000000.000
0.995 14.811
4/14/2016 12:00:00 PM 167400.000 117.568 19.449 267.975
34546.359 38643.516 24.817 26.278 28.947
1.017 14.811
4/14/2016 12:15:00 PM 168300.000 117.577 19.248 267.995
34439.883 38690.570 24.843 26.310 29.036
1.017 14.807
4/14/2016 12:30:00 PM 169200.000 117.561 19.262 267.958
34467.441 38710.152 24.858 26.323 29.013
1.017 14.808
4/14/2016 12:45:00 PM 170100.000 117.571 19.254 267.980
34337.000 38569.645 24.757 26.227 29.123
1.017 14.804
4/14/2016 1:00:00 PM 171000.000 117.551 19.255 267.935
34364.965 38600.836 24.780 26.249 29.099
1.017 14.813
4/14/2016 1:15:00 PM 171900.000 117.540 19.256 267.910
34414.660 38655.578 24.819 26.286 29.057
1.017 14.806
4/14/2016 1:30:00 PM 172800.000 117.540 19.254 267.910
34482.020 38732.910 24.873 26.338 29.001
1.017 14.805
4/14/2016 1:45:00 PM 173700.000 117.539 19.252 267.907
34496.484 38751.035 24.886 26.351 28.988
1.017 14.799
4/14/2016 2:00:00 PM 174600.000 117.533 19.253 267.894
34480.332 38731.516 24.872 26.337 29.002
1.017 14.796
4/14/2016 2:15:00 PM 175500.000 117.542 19.253 267.915
34491.711 38744.660 24.882 26.346 28.992
1.017 14.792
4/14/2016 2:30:00 PM 176400.000 117.528 19.254 267.882

34490.734	38743.059	24.881	26.345	28.993
1.017	14.806			
4/14/2016 2:45:00 PM	177300.000	117.537	19.253	267.903
34508.867	38763.852	24.895	26.359	28.978
1.017	14.794			
4/14/2016 3:00:00 PM	178200.000	117.527	19.253	267.880
34511.328	38766.555	24.897	26.361	28.976
1.017	14.802			
4/14/2016 3:15:00 PM	179100.000	117.536	19.254	267.902
34503.266	38756.773	24.890	26.355	28.983
1.017	14.794			
4/14/2016 3:30:00 PM	180000.000	117.535	19.254	267.900
34482.344	38733.129	24.874	26.339	29.000
1.017	14.793			
4/14/2016 3:45:00 PM	180900.000	117.532	19.254	267.891
34494.457	38747.242	24.884	26.348	28.990
1.017	14.793			
4/14/2016 4:00:00 PM	181800.000	117.528	19.254	267.882
34480.539	38731.527	24.872	26.337	29.002
1.017	14.791			
4/14/2016 4:15:00 PM	182700.000	117.536	19.253	267.900
34474.406	38725.297	24.868	26.333	29.007
1.017	14.789			
4/14/2016 4:30:00 PM	183600.000	117.534	19.253	267.896
34486.520	38738.395	24.877	26.342	28.997
1.017	14.786			
4/14/2016 4:45:00 PM	184500.000	117.541	19.254	267.913
34482.988	38734.207	24.874	26.339	29.000
1.017	14.783			
4/14/2016 5:00:00 PM	185400.000	117.552	19.255	267.937
34490.438	38741.926	24.880	26.345	28.994
1.017	14.777			
4/14/2016 5:15:00 PM	186300.000	117.555	19.255	267.944
34477.660	38727.492	24.870	26.335	29.004
1.017	14.781			
4/14/2016 5:30:00 PM	187200.000	117.551	19.254	267.935
34486.395	38737.750	24.877	26.342	28.997
1.017	14.785			
4/14/2016 5:45:00 PM	188100.000	117.560	19.255	267.956
34498.277	38750.441	24.886	26.350	28.987
1.017	14.785			
4/14/2016 6:00:00 PM	189000.000	117.559	19.255	267.954
34494.383	38745.566	24.882	26.347	28.990
1.017	14.784			
4/14/2016 6:15:00 PM	189900.000	117.562	19.255	267.961
34486.258	38737.152	24.876	26.341	28.997
1.017	14.786			
4/14/2016 6:30:00 PM	190800.000	117.582	19.255	268.005
34495.336	38746.699	24.883	26.348	28.989
1.017	14.782			
4/14/2016 6:45:00 PM	191700.000	117.578	19.255	267.997
34510.980	38764.711	24.896	26.360	28.976
1.017	14.787			
4/14/2016 7:00:00 PM	192600.000	117.588	19.255	268.020
34505.234	38758.469	24.892	26.356	28.981
1.017	14.785			
4/14/2016 7:15:00 PM	193500.000	117.592	19.255	268.028
34495.172	38746.453	24.883	26.348	28.990

1.017 14.783
4/14/2016 7:30:00 PM 194400.000 117.603 19.255 268.053
34510.988 38764.719 24.896 26.360 28.976
1.017 14.781
4/14/2016 7:45:00 PM 195300.000 117.607 19.255 268.062
34525.340 38780.617 24.907 26.371 28.964
1.017 14.785
4/14/2016 8:00:00 PM 196200.000 117.595 19.254 268.035
34517.148 38772.223 24.901 26.365 28.971
1.017 14.791
4/14/2016 8:15:00 PM 197100.000 117.612 19.255 268.073
34507.273 38760.254 24.893 26.357 28.979
1.017 14.792
4/14/2016 8:30:00 PM 198000.000 117.602 19.254 268.051
34540.008 38798.047 24.920 26.383 28.952
1.017 14.788
4/14/2016 8:45:00 PM 198900.000 117.623 19.254 268.100
34535.641 38792.844 24.916 26.379 28.956
1.017 14.788
4/14/2016 9:00:00 PM 199800.000 117.646 19.255 268.151
34530.141 38786.086 24.911 26.375 28.960
1.017 14.795
4/14/2016 9:15:00 PM 200700.000 117.624 19.255 268.102
34535.441 38792.398 24.916 26.379 28.956
1.017 14.794
4/14/2016 9:30:00 PM 201600.000 117.633 19.255 268.123
34529.500 38785.590 24.911 26.374 28.961
1.017 14.797
4/14/2016 9:45:00 PM 202500.000 117.624 19.255 268.100
34515.691 38770.145 24.900 26.364 28.972
1.017 14.804
4/14/2016 10:00:00 PM 203400.000 117.620 19.255 268.092
34523.758 38779.063 24.906 26.370 28.966
1.017 14.810
4/14/2016 10:15:00 PM 204300.000 117.619 19.255 268.090
34550.082 38808.262 24.927 26.390 28.943
1.017 14.804
4/14/2016 10:30:00 PM 205200.000 117.651 19.255 268.163
34523.352 38778.605 24.906 26.369 28.966
1.017 14.805
4/14/2016 10:45:00 PM 206100.000 117.624 19.255 268.102
34527.918 38783.945 24.910 26.373 28.962
1.017 14.799
4/14/2016 11:00:00 PM 207000.000 117.622 19.254 268.097
34548.684 38807.570 24.927 26.389 28.945
1.017 14.802
4/14/2016 11:15:00 PM 207900.000 117.633 19.255 268.121
34526.273 38782.027 24.908 26.372 28.963
1.017 14.802
4/14/2016 11:30:00 PM 208800.000 117.626 19.255 268.105
34535.266 38792.199 24.916 26.379 28.956
1.017 14.793
4/14/2016 11:45:00 PM 209700.000 117.631 19.255 268.118
34519.512 38774.367 24.903 26.367 28.969
1.017 14.797
4/15/2016 12:00:00 AM 210600.000 117.620 19.255 268.092
34536.141 38793.047 24.916 26.379 28.955
1.017 14.799

4/15/2016 12:15:00 AM 211500.000 117.627 19.255 268.108
34550.367 38809.164 24.928 26.390 28.943
1.017 14.795
4/15/2016 12:30:00 AM 212400.000 117.638 19.255 268.133
34544.496 38802.133 24.923 26.385 28.948
1.017 14.791
4/15/2016 12:45:00 AM 213300.000 117.620 19.255 268.092
34544.074 38801.961 24.923 26.385 28.949
1.017 14.799
4/15/2016 1:00:00 AM 214200.000 117.628 19.254 268.111
34528.324 38785.063 24.911 26.374 28.962
1.017 14.798
4/15/2016 1:15:00 AM 215100.000 117.615 19.255 268.082
34543.836 38801.758 24.922 26.385 28.949
1.017 14.804
4/15/2016 1:30:00 AM 216000.000 117.617 19.255 268.086
34533.855 38789.965 24.914 26.377 28.957
1.017 14.802
4/15/2016 1:45:00 AM 216900.000 117.609 19.255 268.066
34537.953 38795.301 24.918 26.381 28.954
1.017 14.799
4/15/2016 2:00:00 AM 217800.000 117.624 19.255 268.102
34547.336 38805.621 24.925 26.388 28.946
1.017 14.794
4/15/2016 2:15:00 AM 218700.000 117.620 19.255 268.092
34547.770 38806.324 24.926 26.388 28.945
1.017 14.792
4/15/2016 2:30:00 AM 219600.000 117.626 19.255 268.105
34546.563 38804.387 24.924 26.387 28.946
1.017 14.789
4/15/2016 2:45:00 AM 220500.000 117.621 19.255 268.095
34536.711 38793.535 24.917 26.380 28.955
1.017 14.786
4/15/2016 3:00:00 AM 221400.000 117.624 19.256 268.101
34514.555 38768.141 24.899 26.362 28.973
1.017 14.786
4/15/2016 3:15:00 AM 222300.000 117.625 19.255 268.104
34565.977 38826.262 24.940 26.402 28.930
1.017 14.789
4/15/2016 3:30:00 AM 223200.000 117.633 19.255 268.121
34564.684 38824.809 24.939 26.401 28.931
1.017 14.785
4/15/2016 3:45:00 AM 224100.000 117.648 19.255 268.155
34581.352 38843.965 24.952 26.414 28.917
1.017 14.779
4/15/2016 4:00:00 AM 225000.000 117.639 19.255 268.137
34551.242 38809.641 24.928 26.391 28.943
1.017 14.783
4/15/2016 4:15:00 AM 225900.000 117.643 19.255 268.146
34556.992 38815.953 24.933 26.395 28.938
1.017 14.783
4/15/2016 4:30:00 AM 226800.000 117.647 19.255 268.155
34552.188 38810.496 24.929 26.391 28.942
1.017 14.789
4/15/2016 4:45:00 AM 227700.000 117.651 19.255 268.164
34551.875 38810.422 24.929 26.391 28.942
1.017 14.783
4/15/2016 5:00:00 AM 228600.000 117.649 19.255 268.159

34539.426 38796.953 24.919 26.382 28.952
1.017 14.785
4/15/2016 5:15:00 AM 229500.000 117.659 19.255 268.182
34545.656 38803.367 24.924 26.386 28.947
1.017 14.787
4/15/2016 5:30:00 AM 230400.000 117.687 19.256 268.245
34542.555 38799.523 24.921 26.384 28.950
1.017 14.787
4/15/2016 5:45:00 AM 231300.000 117.667 19.256 268.198
34558.703 38817.730 24.934 26.396 28.936
1.017 14.788
4/15/2016 6:00:00 AM 232200.000 117.670 19.255 268.206
34546.117 38803.738 24.924 26.387 28.947
1.017 14.789
4/15/2016 6:15:00 AM 233100.000 117.677 19.255 268.223
34560.473 38820.156 24.936 26.398 28.935
1.017 14.790
4/15/2016 6:30:00 AM 234000.000 117.689 19.255 268.250
34529.461 38785.246 24.911 26.374 28.961
1.017 14.786
4/15/2016 6:45:00 AM 234900.000 117.687 19.255 268.245
34561.270 38820.695 24.936 26.398 28.934
1.017 14.789
4/15/2016 7:00:00 AM 235800.000 117.692 19.255 268.256
34558.879 38818.652 24.934 26.397 28.936
1.017 14.791
4/15/2016 7:15:00 AM 236700.000 117.692 19.255 268.256
34555.133 38814.012 24.931 26.394 28.939
1.017 14.794
4/15/2016 7:30:00 AM 237600.000 117.703 19.255 268.281
34536.809 38793.578 24.917 26.380 28.955
1.017 14.797
4/15/2016 7:45:00 AM 238500.000 117.694 19.255 268.260
34536.840 38793.391 24.916 26.380 28.955
1.017 14.800
4/15/2016 8:00:00 AM 239400.000 117.693 19.255 268.258
34560.703 38820.340 24.936 26.398 28.935
1.017 14.801
4/15/2016 8:15:00 AM 240300.000 117.700 19.255 268.274
34544.922 38802.543 24.923 26.386 28.948
1.017 14.800
4/15/2016 8:30:00 AM 241200.000 117.707 19.255 268.290
34537.313 38793.789 24.917 26.380 28.954
1.017 14.798
4/15/2016 8:45:00 AM 242100.000 117.698 19.255 268.270
34537.539 38794.176 24.917 26.380 28.954
1.017 14.797
4/15/2016 9:00:00 AM 243000.000 117.697 19.255 268.268
34548.832 38806.934 24.926 26.389 28.945
1.017 14.792
4/15/2016 9:15:00 AM 243900.000 117.704 19.254 268.284
34541.141 38799.098 24.921 26.383 28.951
1.017 14.798
4/15/2016 9:30:00 AM 244800.000 117.704 19.255 268.283
34537.652 38794.445 24.917 26.380 28.954
1.017 14.794
4/15/2016 9:45:00 AM 245700.000 117.699 19.254 268.271
34539.590 38797.207 24.919 26.382 28.952

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4/15/2016 10:00:00 AM 246600.000 117.695 19.255 268.263
34518.766 38773.598 24.902 26.366 28.970
1.017 14.794
4/15/2016 10:15:00 AM 247500.000 117.685 19.255 268.240
34526.816 38782.500 24.909 26.372 28.963
1.017 14.800
4/15/2016 10:30:00 AM 248400.000 117.690 19.255 268.252
34521.555 38776.148 24.904 26.368 28.967
1.017 14.799
4/15/2016 10:45:00 AM 249300.000 117.679 19.255 268.227
34528.465 38783.980 24.910 26.373 28.962
1.017 14.796
4/15/2016 11:00:00 AM 250200.000 117.664 19.256 268.192
34519.391 38773.434 24.902 26.366 28.969
1.017 14.807
4/15/2016 11:15:00 AM 251100.000 117.666 19.255 268.196
34532.523 38788.832 24.913 26.376 28.958
1.017 14.799
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34511.063 38764.941 24.896 26.360 28.976
1.017 14.794
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34525.152 38780.551 24.907 26.371 28.964
1.017 14.796
4/15/2016 12:00:00 PM 253800.000 117.653 19.254 268.167
34533.027 38790.129 24.914 26.377 28.958
1.017 14.792
4/15/2016 12:15:00 PM 254700.000 117.633 19.254 268.123
34539.695 38797.395 24.919 26.382 28.952
1.017 14.793
4/15/2016 12:30:00 PM 255600.000 117.631 19.255 268.118
34504.930 38757.477 24.891 26.355 28.981
1.017 14.792
4/15/2016 12:45:00 PM 256500.000 117.657 19.254 268.178
34516.520 38771.293 24.901 26.364 28.972
1.017 14.791
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34519.391 38773.934 24.903 26.366 28.969
1.017 14.790
4/15/2016 1:15:00 PM 258300.000 117.624 19.255 268.102
34546.543 38804.656 24.924 26.387 28.946
1.017 14.785
4/15/2016 1:30:00 PM 259200.000 117.606 19.255 268.061
34541.805 38799.477 24.921 26.384 28.950
1.017 14.784
4/15/2016 1:45:00 PM 260100.000 117.596 19.255 268.037
34536.898 38794.035 24.917 26.380 28.955
1.017 14.786
4/15/2016 2:00:00 PM 261000.000 117.593 19.255 268.031
34538.527 38795.652 24.918 26.381 28.953
1.017 14.785
4/15/2016 2:15:00 PM 261900.000 117.591 19.255 268.027
34527.930 38783.824 24.910 26.373 28.962
1.017 14.778
4/15/2016 2:30:00 PM 262800.000 117.586 19.255 268.015
34504.238 38756.914 24.891 26.355 28.982
1.017 14.781

4/15/2016 2:45:00 PM	263700.000	117.580	19.255	268.001
34550.102	38808.863	24.927	26.390	28.943
1.017	14.777			
4/15/2016 3:00:00 PM	264600.000	117.573	19.254	267.985
34499.586	38752.496	24.887	26.352	28.986
1.017	14.772			
4/15/2016 3:15:00 PM	265500.000	117.562	19.254	267.960
34535.078	38792.141	24.916	26.379	28.956
1.017	14.781			
4/15/2016 3:30:00 PM	266400.000	117.564	19.255	267.966
34529.426	38785.719	24.911	26.374	28.961
1.017	14.774			
4/15/2016 3:45:00 PM	267300.000	117.589	19.255	268.021
34535.000	38791.766	24.915	26.378	28.956
1.017	14.769			
4/15/2016 4:00:00 PM	268200.000	117.562	19.255	267.960
34535.266	38792.281	24.916	26.379	28.956
1.017	14.767			
4/15/2016 4:15:00 PM	269100.000	117.556	19.255	267.947
34499.430	38751.813	24.887	26.351	28.986
1.017	14.766			
4/15/2016 4:30:00 PM	270000.000	117.560	19.254	267.955
34532.027	38788.715	24.913	26.376	28.959
1.017	14.759			
4/15/2016 4:45:00 PM	270900.000	117.556	19.255	267.946
34517.152	38771.500	24.901	26.365	28.971
1.017	14.756			
4/15/2016 5:00:00 PM	271800.000	117.565	19.255	267.967
34539.082	38796.418	24.919	26.382	28.953
1.017	14.757			
4/15/2016 5:15:00 PM	272700.000	117.571	19.255	267.980
34537.992	38794.684	24.917	26.380	28.954
1.017	14.754			
4/15/2016 5:30:00 PM	273600.000	117.561	19.254	267.957
34531.164	38787.965	24.913	26.376	28.959
1.017	14.758			
4/15/2016 5:45:00 PM	274500.000	117.566	19.254	267.970
34512.270	38766.965	24.898	26.362	28.975
1.017	14.754			
4/15/2016 6:00:00 PM	275400.000	117.571	19.255	267.980
34529.652	38785.895	24.911	26.374	28.961
1.017	14.754			
4/15/2016 6:15:00 PM	276300.000	117.565	19.255	267.967
34533.043	38789.633	24.914	26.377	28.958
1.017	14.757			
4/15/2016 6:30:00 PM	277200.000	117.572	19.255	267.982
34519.105	38773.914	24.903	26.366	28.969
1.017	14.758			
4/15/2016 6:45:00 PM	278100.000	117.575	19.255	267.990
34514.180	38768.516	24.899	26.363	28.974
1.017	14.756			
4/15/2016 7:00:00 PM	279000.000	117.586	19.255	268.014
34521.484	38776.363	24.904	26.368	28.967
1.017	14.753			
4/15/2016 7:15:00 PM	279900.000	117.581	19.256	268.004
34542.680	38799.594	24.921	26.384	28.950
1.017	14.753			
4/15/2016 7:30:00 PM	280800.000	117.595	19.256	268.036

34546.148 38803.488 24.924 26.386 28.947
1.017 14.750
4/15/2016 7:45:00 PM 281700.000 117.589 19.255 268.021
34536.328 38793.324 24.916 26.379 28.955
1.017 14.760
4/15/2016 8:00:00 PM 282600.000 117.629 19.255 268.114
34532.156 38788.418 24.913 26.376 28.959
1.017 14.763
4/15/2016 8:15:00 PM 283500.000 117.598 19.255 268.043
34537.984 38794.898 24.918 26.381 28.954
1.017 14.765
4/15/2016 8:30:00 PM 284400.000 117.591 19.255 268.026
34513.137 38766.766 24.898 26.361 28.974
1.017 14.772
4/15/2016 8:45:00 PM 285300.000 117.605 19.255 268.059
34539.254 38796.469 24.919 26.382 28.953
1.017 14.769
4/15/2016 9:00:00 PM 286200.000 117.608 19.255 268.065
34537.836 38795.016 24.918 26.381 28.954
1.017 14.771
4/15/2016 9:15:00 PM 287100.000 117.603 19.255 268.053
34536.355 38793.289 24.916 26.379 28.955
1.017 14.779
4/15/2016 9:30:00 PM 288000.000 117.608 19.255 268.065
34530.129 38786.359 24.911 26.375 28.960
1.017 14.777
4/15/2016 9:45:00 PM 288900.000 117.604 19.255 268.056
34509.676 38762.875 24.895 26.359 28.977
1.017 14.785
4/15/2016 10:00:00 PM 289800.000 117.605 19.255 268.058
34537.539 38794.465 24.917 26.380 28.954
1.017 14.785
4/15/2016 10:15:00 PM 290700.000 117.612 19.255 268.073
34530.305 38786.559 24.912 26.375 28.960
1.017 14.779
4/15/2016 10:30:00 PM 291600.000 117.613 19.256 268.077
34517.320 38771.250 24.901 26.364 28.971
1.017 14.778
4/15/2016 10:45:00 PM 292500.000 117.607 19.255 268.062
34526.230 38781.617 24.908 26.372 28.963
1.017 14.782
4/15/2016 11:00:00 PM 293400.000 117.611 19.255 268.073
34521.957 38777.332 24.905 26.369 28.967
1.017 14.779
4/15/2016 11:15:00 PM 294300.000 117.614 19.254 268.078
34525.961 38781.969 24.908 26.372 28.964
1.017 14.780
4/15/2016 11:30:00 PM 295200.000 117.606 19.254 268.060
34510.023 38764.219 24.896 26.360 28.977
1.017 14.776
4/15/2016 11:45:00 PM 296100.000 117.597 19.254 268.039
34522.711 38778.250 24.906 26.369 28.966
1.017 14.778
4/16/2016 12:00:00 AM 297000.000 117.599 19.255 268.045
34547.719 38806.117 24.926 26.388 28.945
1.017 14.776
4/16/2016 12:15:00 AM 297900.000 117.590 19.254 268.024
34531.809 38788.469 24.913 26.376 28.959

1.017 14.777
4/16/2016 12:30:00 AM 298800.000 117.599 19.255 268.044
34512.523 38766.445 24.897 26.361 28.975
1.017 14.778
4/16/2016 12:45:00 AM 299700.000 117.592 19.254 268.029
34540.313 38798.168 24.920 26.383 28.952
1.017 14.775
4/16/2016 1:00:00 AM 300600.000 117.620 19.254 268.093
34529.621 38786.234 24.911 26.375 28.961
1.017 14.773
4/16/2016 1:15:00 AM 301500.000 117.582 19.254 268.005
34520.875 38776.332 24.904 26.368 28.968
1.017 14.782
4/16/2016 1:30:00 AM 302400.000 117.567 19.255 267.971
34511.031 38764.770 24.896 26.360 28.976
1.017 14.778
4/16/2016 1:45:00 AM 303300.000 117.580 19.255 268.002
34535.871 38792.809 24.916 26.379 28.955
1.017 14.781
4/16/2016 2:00:00 AM 304200.000 117.568 19.255 267.974
34533.406 38789.977 24.914 26.377 28.957
1.017 14.775
4/16/2016 2:15:00 AM 305100.000 117.577 19.255 267.995
34515.316 38769.871 24.900 26.364 28.973
1.017 14.773
4/16/2016 2:30:00 AM 306000.000 117.555 19.255 267.945
34528.223 38783.711 24.910 26.373 28.962
1.017 14.775
4/16/2016 2:45:00 AM 306900.000 117.556 19.255 267.947
34522.023 38777.406 24.905 26.369 28.967
1.017 14.772
4/16/2016 3:00:00 AM 307800.000 117.561 19.255 267.957
34542.563 38799.684 24.921 26.384 28.950
1.017 14.764
4/16/2016 3:15:00 AM 308700.000 117.560 19.255 267.955
34525.438 38780.871 24.908 26.371 28.964
1.017 14.765
4/16/2016 3:30:00 AM 309600.000 117.574 19.255 267.987
34539.223 38796.574 24.919 26.382 28.953
1.017 14.762
4/16/2016 3:45:00 AM 310500.000 117.570 19.254 267.977
34522.457 38778.258 24.906 26.369 28.967
1.017 14.761
4/16/2016 4:00:00 AM 311400.000 117.565 19.254 267.967
34534.988 38792.262 24.916 26.379 28.956
1.017 14.755
4/16/2016 4:15:00 AM 312300.000 117.565 19.254 267.966
34527.770 38784.152 24.910 26.373 28.962
1.017 14.760
4/16/2016 4:30:00 AM 313200.000 117.568 19.255 267.974
34535.168 38792.090 24.916 26.379 28.956
1.017 14.762
4/16/2016 4:45:00 AM 314100.000 117.571 19.255 267.979
34522.051 38777.145 24.905 26.368 28.967
1.017 14.764
4/16/2016 5:00:00 AM 315000.000 117.562 19.255 267.961
34518.414 38772.766 24.902 26.365 28.970
1.017 14.768

4/16/2016 5:15:00 AM 315900.000 117.573 19.255 267.986
34530.535 38786.309 24.911 26.375 28.960
1.017 14.764
4/16/2016 5:30:00 AM 316800.000 117.567 19.255 267.971
34520.527 38775.645 24.904 26.367 28.968
1.017 14.764
4/16/2016 5:45:00 AM 317700.000 117.567 19.255 267.971
34523.066 38778.285 24.906 26.369 28.966
1.017 14.767
4/16/2016 6:00:00 AM 318600.000 117.581 19.255 268.004
34547.863 38806.141 24.926 26.388 28.945
1.017 14.763
4/16/2016 6:15:00 AM 319500.000 117.585 19.254 268.012
34531.250 38787.840 24.913 26.376 28.959
1.017 14.769
4/16/2016 6:30:00 AM 320400.000 117.586 19.256 268.014
34518.773 38772.879 24.902 26.366 28.970
1.017 14.768
4/16/2016 6:45:00 AM 321300.000 117.601 19.255 268.049
34544.484 38801.977 24.923 26.385 28.948
1.017 14.763
4/16/2016 7:00:00 AM 322200.000 117.605 19.256 268.059
34518.918 38772.973 24.902 26.366 28.970
1.017 14.766
4/16/2016 7:15:00 AM 323100.000 117.611 19.255 268.072
34512.531 38766.664 24.897 26.361 28.975
1.017 14.768
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1.017 14.779
4/16/2016 7:45:00 AM 324900.000 117.614 19.255 268.078
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34532.547 38789.012 24.913 26.377 28.958
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1.017 14.777
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34517.051 38771.090 24.901 26.364 28.971
1.017 14.775
4/16/2016 9:30:00 AM 331200.000 117.627 19.255 268.109
34529.699 38786.027 24.911 26.374 28.961
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1.017 14.776
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4/16/2016 10:45:00 AM 335700.000 117.632 19.255 268.120
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1.017 14.773
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34519.668 38774.391 24.903 26.367 28.969
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34514.758 38769.539 24.899 26.363 28.973
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34538.965 38796.145 24.918 26.381 28.953
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34525.082 38781.203 24.908 26.371 28.964
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34496.797 38749.070 24.885 26.349 28.988
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34506.934 38760.305 24.893 26.357 28.980
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34510.672 38764.656 24.896 26.360 28.977

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34508.629 38762.145 24.894 26.358 28.978
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34498.277 38750.582 24.886 26.350 28.987
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1.017 14.759
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1.017 14.757
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34534.293 38790.820 24.915 26.378 28.957
1.017 14.760
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1.017 14.758
4/16/2016 5:45:00 PM 360900.000 117.485 19.255 267.784
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1.017 14.760
4/16/2016 6:00:00 PM 361800.000 117.483 19.255 267.779
34535.824 38792.617 24.916 26.379 28.955
1.017 14.759
4/16/2016 6:15:00 PM 362700.000 117.527 19.255 267.881
34490.969 38742.523 24.880 26.345 28.993
1.017 14.755
4/16/2016 6:30:00 PM 363600.000 117.505 19.255 267.830
34527.164 38782.598 24.909 26.372 28.963
1.017 14.752
4/16/2016 6:45:00 PM 364500.000 117.499 19.256 267.817
34520.031 38774.223 24.903 26.366 28.969
1.017 14.757
4/16/2016 7:00:00 PM 365400.000 117.507 19.255 267.834
34529.984 38785.688 24.911 26.374 28.960
1.017 14.755
4/16/2016 7:15:00 PM 366300.000 117.504 19.254 267.828
34538.609 38796.176 24.918 26.381 28.953
1.017 14.760
4/16/2016 7:30:00 PM 367200.000 117.509 19.255 267.840
34534.613 38790.965 24.915 26.378 28.956
1.017 14.755

4/16/2016 7:45:00 PM 368100.000 117.520 19.256 267.864
34520.047 38774.313 24.903 26.367 28.969
1.017 14.754
4/16/2016 8:00:00 PM 369000.000 117.526 19.255 267.877
34529.793 38785.473 24.911 26.374 28.960
1.017 14.759
4/16/2016 8:15:00 PM 369900.000 117.536 19.256 267.901
34528.543 38783.566 24.910 26.373 28.962
1.017 14.755
4/16/2016 8:30:00 PM 370800.000 117.539 19.256 267.908
34538.801 38794.867 24.918 26.381 28.953
1.017 14.755
4/16/2016 8:45:00 PM 371700.000 117.544 19.255 267.920
34497.496 38749.418 24.885 26.350 28.988
1.017 14.754
4/16/2016 9:00:00 PM 372600.000 117.556 19.256 267.947
34519.406 38773.520 24.902 26.366 28.969
1.017 14.756
4/16/2016 9:15:00 PM 373500.000 117.549 19.255 267.930
34528.715 38784.555 24.910 26.373 28.961
1.017 14.760
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34493.188 38744.000 24.881 26.346 28.991
1.017 14.762
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34523.668 38778.379 24.906 26.369 28.966
1.017 14.760
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34520.074 38774.133 24.903 26.366 28.969
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34551.875 38810.422 24.929 26.391 28.942
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1.017 14.762
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1.017 14.751
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34539.801 38797.375 24.919 26.382 28.952
1.017 14.757
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1.017 14.756
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1.017 14.751
4/17/2016 2:30:00 AM 392400.000 117.530 19.254 267.887
34524.801 38780.594 24.907 26.371 28.965
1.017 14.748
4/17/2016 2:45:00 AM 393300.000 117.525 19.255 267.876
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1.017 14.748
4/17/2016 3:00:00 AM 394200.000 117.527 19.255 267.880
34538.898 38796.359 24.919 26.382 28.953
1.017 14.746
4/17/2016 3:15:00 AM 395100.000 117.519 19.255 267.862
34533.844 38790.469 24.914 26.378 28.957
1.017 14.748
4/17/2016 3:30:00 AM 396000.000 117.512 19.255 267.847
34531.551 38787.523 24.912 26.376 28.959
1.017 14.745
4/17/2016 3:45:00 AM 396900.000 117.514 19.255 267.851
34516.461 38770.789 24.900 26.364 28.972
1.017 14.745
4/17/2016 4:00:00 AM 397800.000 117.516 19.255 267.855
34526.668 38782.473 24.909 26.372 28.963
1.017 14.736
4/17/2016 4:15:00 AM 398700.000 117.514 19.255 267.851
34516.008 38770.434 24.900 26.364 28.972
1.017 14.739
4/17/2016 4:30:00 AM 399600.000 117.503 19.255 267.826
34545.168 38802.820 24.923 26.386 28.948
1.017 14.742
4/17/2016 4:45:00 AM 400500.000 117.507 19.255 267.834
34525.848 38780.973 24.908 26.371 28.964
1.017 14.737
4/17/2016 5:00:00 AM 401400.000 117.505 19.256 267.829
34548.770 38806.434 24.926 26.388 28.945
1.017 14.740
4/17/2016 5:15:00 AM 402300.000 117.499 19.255 267.817
34523.316 38778.273 24.906 26.369 28.966

1.017 14.738
4/17/2016 5:30:00 AM 403200.000 117.512 19.255 267.845
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4/17/2016 5:45:00 AM 404100.000 117.510 19.255 267.842
34534.328 38790.434 24.914 26.377 28.957
1.017 14.734
4/17/2016 6:00:00 AM 405000.000 117.524 19.255 267.873
34552.816 38811.480 24.929 26.392 28.941
1.017 14.729
4/17/2016 6:15:00 AM 405900.000 117.520 19.255 267.864
34537.406 38794.102 24.917 26.380 28.954
1.017 14.733
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1.017 14.733
4/17/2016 6:45:00 AM 407700.000 117.549 19.255 267.930
34548.703 38806.859 24.926 26.389 28.945
1.017 14.738
4/17/2016 7:00:00 AM 408600.000 117.561 19.257 267.958
34533.230 38788.250 24.913 26.376 28.958
1.017 14.733
4/17/2016 7:15:00 AM 409500.000 117.544 19.255 267.918
34538.613 38795.250 24.918 26.381 28.953
1.017 14.734
4/17/2016 7:30:00 AM 410400.000 117.539 19.256 267.908
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1.017 14.734
4/17/2016 7:45:00 AM 411300.000 117.540 19.255 267.911
34509.914 38763.434 24.895 26.359 28.977
1.017 14.740
4/17/2016 8:00:00 AM 412200.000 117.550 19.256 267.933
34529.926 38785.336 24.911 26.374 28.960
1.017 14.730
4/17/2016 8:15:00 AM 413100.000 117.556 19.256 267.945
34543.535 38800.555 24.922 26.384 28.949
1.017 14.735
4/17/2016 8:30:00 AM 414000.000 117.550 19.256 267.934
34546.895 38803.820 24.924 26.387 28.946
1.017 14.738
4/17/2016 8:45:00 AM 414900.000 117.556 19.255 267.946
34562.055 38821.711 24.937 26.399 28.933
1.017 14.738
4/17/2016 9:00:00 AM 415800.000 117.549 19.255 267.931
34527.105 38782.324 24.909 26.372 28.963
1.017 14.738
4/17/2016 9:15:00 AM 416700.000 117.568 19.255 267.974
34538.676 38795.895 24.918 26.381 28.953
1.017 14.732
4/17/2016 9:30:00 AM 417600.000 117.568 19.255 267.974
34546.473 38804.141 24.924 26.387 28.947
1.017 14.727
4/17/2016 9:45:00 AM 418500.000 117.575 19.256 267.989
34557.563 38816.164 24.933 26.395 28.937
1.017 14.731
4/17/2016 10:00:00 AM 419400.000 117.574 19.256 267.988
34552.637 38810.484 24.929 26.391 28.941
1.017 14.727

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1.017 14.732
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34549.063 38806.543 24.926 26.388 28.944
1.017 14.735
4/17/2016 10:45:00 AM 422100.000 117.582 19.255 268.005
34565.301 38825.504 24.939 26.401 28.931
1.017 14.724
4/17/2016 11:00:00 AM 423000.000 117.586 19.256 268.015
34523.102 38777.531 24.905 26.369 28.966
1.017 14.729
4/17/2016 11:15:00 AM 423900.000 117.573 19.256 267.985
34539.949 38796.664 24.919 26.382 28.952
1.017 14.736
4/17/2016 11:30:00 AM 424800.000 117.566 19.256 267.968
34540.605 38797.117 24.919 26.382 28.951
1.017 14.735
4/17/2016 11:45:00 AM 425700.000 117.564 19.256 267.966
34544.090 38801.031 24.922 26.385 28.949
1.017 14.733
4/17/2016 12:00:00 PM 426600.000 117.571 19.256 267.980
34560.578 38819.625 24.935 26.397 28.935
1.017 14.735
4/17/2016 12:15:00 PM 427500.000 117.563 19.255 267.963
34516.785 38770.730 24.900 26.364 28.971
1.017 14.737
4/17/2016 12:30:00 PM 428400.000 117.557 19.256 267.948
34546.637 38803.969 24.924 26.387 28.946
1.017 14.736
4/17/2016 12:45:00 PM 429300.000 117.561 19.255 267.957
34557.504 38816.531 24.933 26.395 28.937
1.017 14.735
4/17/2016 1:00:00 PM 430200.000 117.554 19.256 267.942
34522.168 38776.262 24.904 26.368 28.967
1.017 14.731
4/17/2016 1:15:00 PM 431100.000 117.554 19.257 267.941
34536.180 38791.633 24.915 26.378 28.955
1.017 14.727
4/17/2016 1:30:00 PM 432000.000 117.547 19.255 267.926
34539.340 38796.066 24.918 26.381 28.952
1.017 14.726
4/17/2016 1:45:00 PM 432900.000 117.548 19.256 267.928
34521.262 38775.246 24.904 26.367 28.968
1.017 14.731
4/17/2016 2:00:00 PM 433800.000 117.532 19.255 267.891
34559.168 38818.762 24.935 26.397 28.936
1.017 14.736
4/17/2016 2:15:00 PM 434700.000 117.560 19.256 267.954
34552.922 38811.098 24.929 26.392 28.941
1.017 14.736
4/17/2016 2:30:00 PM 435600.000 117.524 19.255 267.872
34523.789 38779.238 24.906 26.370 28.966
1.017 14.735
4/17/2016 2:45:00 PM 436500.000 117.511 19.256 267.843
34528.957 38784.320 24.910 26.373 28.961
1.017 14.738
4/17/2016 3:00:00 PM 437400.000 117.500 19.256 267.819

34502.516	38754.410	24.889	26.353	28.983
1.017	14.738			
4/17/2016 3:15:00 PM	438300.000	117.498	19.255	267.813
34526.012	38781.227	24.908	26.371	28.964
1.017	14.740			
4/17/2016 3:30:00 PM	439200.000	117.510	19.256	267.841
34510.203	38763.184	24.895	26.359	28.977
1.017	14.732			
4/17/2016 3:45:00 PM	440100.000	117.494	19.255	267.805
34514.320	38767.961	24.898	26.362	28.973
1.017	14.732			
4/17/2016 4:00:00 PM	441000.000	117.489	19.256	267.794
34488.266	38738.473	24.877	26.342	28.995
1.017	14.737			
4/17/2016 4:15:00 PM	441900.000	117.485	19.255	267.785
34521.508	38776.035	24.904	26.368	28.967
1.017	14.734			
4/17/2016 4:30:00 PM	442800.000	117.487	19.255	267.789
34517.109	38771.371	24.901	26.365	28.971
1.017	14.733			
4/17/2016 4:45:00 PM	443700.000	117.482	19.256	267.777
34521.902	38776.395	24.904	26.368	28.967
1.017	14.728			
4/17/2016 5:00:00 PM	444600.000	117.481	19.255	267.776
34527.570	38782.844	24.909	26.372	28.962
1.017	14.730			
4/17/2016 5:15:00 PM	445500.000	117.477	19.256	267.767
34523.262	38777.414	24.905	26.369	28.966
1.017	14.733			
4/17/2016 5:30:00 PM	446400.000	117.484	19.255	267.781
34540.488	38797.418	24.919	26.382	28.952
1.017	14.732			
4/17/2016 5:45:00 PM	447300.000	117.489	19.256	267.794
34529.180	38784.430	24.910	26.373	28.961
1.017	14.733			
4/17/2016 6:00:00 PM	448200.000	117.484	19.256	267.782
34535.879	38791.379	24.915	26.378	28.955
1.017	14.732			
4/17/2016 6:15:00 PM	449100.000	117.479	19.256	267.770
34527.480	38782.449	24.909	26.372	28.962
1.017	14.732			
4/17/2016 6:30:00 PM	450000.000	117.492	19.256	267.801
34525.746	38780.504	24.907	26.371	28.964
1.017	14.734			
4/17/2016 6:45:00 PM	450900.000	117.495	19.256	267.808
34537.586	38793.504	24.917	26.380	28.954
1.017	14.737			
4/17/2016 7:00:00 PM	451800.000	117.506	19.256	267.832
34543.445	38799.875	24.921	26.384	28.949
1.017	14.726			
4/17/2016 7:15:00 PM	452700.000	117.507	19.256	267.834
34543.531	38800.688	24.922	26.384	28.949
1.017	14.731			
4/17/2016 7:30:00 PM	453600.000	117.508	19.256	267.836
34516.156	38769.293	24.899	26.363	28.972
1.017	14.734			
4/17/2016 7:45:00 PM	454500.000	117.523	19.257	267.872
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1.017 14.734
4/17/2016 8:00:00 PM 455400.000 117.526 19.256 267.877
34537.137 38792.789 24.916 26.379 28.954
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4/17/2016 8:15:00 PM 456300.000 117.532 19.256 267.892
34546.492 38803.652 24.924 26.386 28.946
1.017 14.737
4/17/2016 8:30:00 PM 457200.000 117.547 19.257 267.926
34560.625 38819.020 24.935 26.397 28.935
1.017 14.738
4/17/2016 8:45:00 PM 458100.000 117.553 19.256 267.939
34541.969 38798.352 24.920 26.383 28.950
1.017 14.740
4/17/2016 9:00:00 PM 459000.000 117.554 19.256 267.941
34525.688 38780.215 24.907 26.371 28.964
1.017 14.744
4/17/2016 9:15:00 PM 459900.000 117.560 19.256 267.955
34537.648 38793.941 24.917 26.380 28.954
1.017 14.744
4/17/2016 9:30:00 PM 460800.000 117.569 19.257 267.976
34531.539 38786.348 24.912 26.375 28.959
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4/17/2016 10:00:00 PM 462600.000 117.582 19.257 268.006
34547.863 38804.684 24.925 26.387 28.945
1.017 14.749
4/17/2016 10:15:00 PM 463500.000 117.578 19.256 267.997
34543.508 38800.152 24.921 26.384 28.949
1.017 14.744
4/17/2016 10:30:00 PM 464400.000 117.590 19.256 268.024
34541.496 38798.043 24.920 26.383 28.951
1.017 14.747
4/17/2016 10:45:00 PM 465300.000 117.592 19.257 268.028
34537.930 38793.457 24.917 26.380 28.954
1.017 14.744
4/17/2016 11:00:00 PM 466200.000 117.599 19.256 268.044
34561.164 38819.984 24.935 26.398 28.934
1.017 14.743
4/17/2016 11:15:00 PM 467100.000 117.601 19.257 268.049
34547.613 38804.473 24.924 26.387 28.946
1.017 14.741
4/17/2016 11:30:00 PM 468000.000 117.609 19.257 268.067
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1.017 14.738
4/17/2016 11:45:00 PM 468900.000 117.599 19.255 268.045
34551.430 38809.852 24.928 26.391 28.942
1.017 14.746
4/18/2016 12:00:00 AM 469800.000 117.620 19.256 268.092
34537.891 38794.066 24.917 26.380 28.954
1.017 14.733
4/18/2016 12:15:00 AM 470700.000 117.624 19.256 268.102
34541.926 38798.887 24.920 26.383 28.950
1.017 14.735
4/18/2016 12:30:00 AM 471600.000 117.611 19.256 268.071
34562.336 38821.527 24.937 26.399 28.933
1.017 14.743

4/18/2016 12:45:00 AM 472500.000 117.611 19.255 268.071
34537.813 38794.348 24.917 26.380 28.954
1.017 14.744
4/18/2016 1:00:00 AM 473400.000 117.614 19.256 268.079
34528.059 38782.879 24.909 26.372 28.962
1.017 14.740
4/18/2016 1:15:00 AM 474300.000 117.617 19.256 268.086
34543.281 38800.340 24.921 26.384 28.949
1.017 14.737
4/18/2016 1:30:00 AM 475200.000 117.608 19.256 268.066
34543.613 38800.066 24.921 26.384 28.949
1.017 14.741
4/18/2016 1:45:00 AM 476100.000 117.600 19.256 268.047
34552.688 38810.832 24.929 26.391 28.941
1.017 14.745
4/18/2016 2:00:00 AM 477000.000 117.596 19.255 268.039
34511.883 38765.500 24.897 26.361 28.976
1.017 14.741
4/18/2016 2:15:00 AM 477900.000 117.608 19.256 268.065
34540.938 38797.777 24.920 26.382 28.951
1.017 14.738
4/18/2016 2:30:00 AM 478800.000 117.585 19.256 268.012
34556.582 38814.918 24.932 26.394 28.938
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34544.984 38802.035 24.923 26.385 28.948
1.017 14.734
4/18/2016 3:00:00 AM 480600.000 117.595 19.256 268.035
34556.656 38815.363 24.932 26.394 28.938
1.017 14.735
4/18/2016 3:15:00 AM 481500.000 117.590 19.256 268.025
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1.017 14.734
4/18/2016 3:30:00 AM 482400.000 117.584 19.256 268.011
34542.336 38798.836 24.920 26.383 28.950
1.017 14.735
4/18/2016 3:45:00 AM 483300.000 117.596 19.255 268.038
34529.840 38785.527 24.911 26.374 28.960
1.017 14.726
4/18/2016 4:00:00 AM 484200.000 117.590 19.256 268.025
34550.000 38807.816 24.927 26.389 28.944
1.017 14.732
4/18/2016 4:15:00 AM 485100.000 117.579 19.257 267.999
34529.762 38784.352 24.910 26.373 28.961
1.017 14.741
4/18/2016 4:30:00 AM 486000.000 117.578 19.257 267.996
34545.590 38801.840 24.923 26.385 28.947
1.017 14.735
4/18/2016 4:45:00 AM 486900.000 117.580 19.257 268.001
34550.793 38807.977 24.927 26.389 28.943
1.017 14.740
4/18/2016 5:00:00 AM 487800.000 117.571 19.256 267.980
34526.008 38780.938 24.908 26.371 28.964
1.017 14.740
4/18/2016 5:15:00 AM 488700.000 117.573 19.256 267.986
34524.563 38778.953 24.906 26.370 28.965
1.017 14.739
4/18/2016 5:30:00 AM 489600.000 117.572 19.256 267.982

34533.781 38789.375 24.914 26.377 28.957
1.017 14.741
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4/19/2016 6:45:00 PM 623700.000 117.403 19.255 267.597
34517.996 38772.223 24.901 26.365 28.970
1.017 14.687
4/19/2016 7:00:00 PM 624600.000 117.404 19.256 267.601
34525.520 38780.387 24.907 26.371 28.964
1.017 14.688
4/19/2016 7:15:00 PM 625500.000 117.392 19.256 267.572
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1.017 14.693
4/19/2016 7:30:00 PM 626400.000 117.405 19.256 267.602
34549.320 38807.051 24.926 26.389 28.944
1.017 14.690
4/19/2016 7:45:00 PM 627300.000 117.406 19.255 267.605
34547.895 38805.805 24.925 26.388 28.945
1.017 14.685
4/19/2016 8:00:00 PM 628200.000 117.399 19.256 267.588
34537.035 38792.961 24.916 26.379 28.954
1.017 14.694

4/19/2016 8:15:00 PM 629100.000 117.404 19.256 267.600
34527.766 38782.910 24.909 26.372 28.962
1.017 14.698
4/19/2016 8:30:00 PM 630000.000 117.399 19.256 267.589
34540.238 38796.852 24.919 26.382 28.952
1.017 14.699
4/19/2016 8:45:00 PM 630900.000 117.418 19.256 267.633
34543.266 38800.180 24.921 26.384 28.949
1.017 14.696
4/19/2016 9:00:00 PM 631800.000 117.413 19.256 267.620
34524.316 38778.895 24.906 26.370 28.965
1.017 14.706
4/19/2016 9:15:00 PM 632700.000 117.419 19.255 267.634
34591.996 38855.211 24.960 26.422 28.908
1.017 14.705
4/19/2016 9:30:00 PM 633600.000 117.419 19.256 267.635
34529.094 38784.043 24.910 26.373 28.961
1.017 14.709
4/19/2016 9:45:00 PM 634500.000 117.428 19.256 267.654
34556.047 38814.461 24.931 26.394 28.938
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1.017 14.709
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1.017 14.707
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1.017 14.707
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1.017 14.699
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1.017 14.705
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1.017 14.707
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1.017 14.707
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1.017 14.704
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1.017 14.703
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1.017 14.694
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1.017 14.699
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1.017 14.703
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1.017 14.703

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: µS/cm

Date	Time	ms	LEVEL	TEMPERAT	CONDUCTIVITY
4/14/2016	0:00:00	0	135.862	17.4	4590.7
4/14/2016	0:15:00	0	135.876	17.4	4572.3
4/14/2016	0:30:00	0	135.88	17.4	4601.1
4/14/2016	0:45:00	0	135.872	17.4	4587.3
4/14/2016	1:00:00	0	135.906	17.4	4606.8
4/14/2016	1:15:00	0	135.848	17.4	4585
4/14/2016	1:30:00	0	135.863	17.4	4609.2
4/14/2016	1:45:00	0	135.878	17.4	4602.2
4/14/2016	2:00:00	0	135.885	17.4	4587.3
4/14/2016	2:15:00	0	135.897	17.4	4593
4/14/2016	2:30:00	0	135.868	17.4	4606.8
4/14/2016	2:45:00	0	135.911	17.4	4566.5
4/14/2016	3:00:00	0	135.897	17.4	4556.2
4/14/2016	3:15:00	0	135.916	17.4	4576.9
4/14/2016	3:30:00	0	135.925	17.4	4582.7
4/14/2016	3:45:00	0	135.89	17.4	4557.3
4/14/2016	4:00:00	0	135.898	17.4	4519.3
4/14/2016	4:15:00	0	135.94	17.4	4511.2
4/14/2016	4:30:00	0	135.926	17.4	4513.5
4/14/2016	4:45:00	0	135.914	17.4	4502
4/14/2016	5:00:00	0	135.955	17.4	4479
4/14/2016	5:15:00	0	135.954	17.4	4455.9
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4/14/2016	6:00:00	0	135.93	17.4	4427.1
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4/14/2016	7:15:00	0	135.929	17.4	4336.1
4/14/2016	7:30:00	0	135.961	17.4	4330.4

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4/14/2016	8:15:00	0	135.979	17.4	4354.6
4/14/2016	8:30:00	0	135.954	17.4	4329.2
4/14/2016	8:45:00	0	135.932	17.4	4336.1
4/14/2016	9:00:00	0	135.938	17.4	4340.7
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4/14/2016	10:15:00	0	135.886	17.4	4405.2
4/14/2016	10:30:00	0	135.921	17.4	4415.6
4/14/2016	10:45:00	0	135.957	17.4	4423.7
4/14/2016	11:00:00	0	135.913	17.4	4459.4
4/14/2016	11:15:00	0	135.87	17.4	4484.7
4/14/2016	11:30:00	0	135.869	17.4	4510.1
4/14/2016	11:45:00	0	135.889	17.4	4529.7
4/14/2016	12:00:00	0	135.855	17.4	4546.9
4/14/2016	12:15:00	0	135.892	17.4	4589.6
4/14/2016	12:30:00	0	135.854	17.4	4602.2
4/14/2016	12:45:00	0	135.837	17.4	4617.2
4/14/2016	13:00:00	0	135.842	17.4	4643.7
4/14/2016	13:15:00	0	135.866	17.4	4679.4
4/14/2016	13:30:00	0	135.813	17.4	4700.2
4/14/2016	13:45:00	0	135.858	17.4	4757.8
4/14/2016	14:00:00	0	135.86	17.4	4740.5
4/14/2016	14:15:00	0	135.82	17.4	4778.5
4/14/2016	14:30:00	0	135.844	17.4	4753.2
4/14/2016	14:45:00	0	135.806	17.4	4783.1
4/14/2016	15:00:00	0	135.864	17.4	4813.1
4/14/2016	15:15:00	0	135.85	17.4	4802.7
4/14/2016	15:30:00	0	135.827	17.4	4846.5
4/14/2016	15:45:00	0	135.844	17.4	4813.1
4/14/2016	16:00:00	0	135.83	17.4	4824.6
4/14/2016	16:15:00	0	135.841	17.4	4855.7
4/14/2016	16:30:00	0	135.804	17.4	4852.2
4/14/2016	16:45:00	0	135.788	17.4	4836.1
4/14/2016	17:00:00	0	135.807	17.4	4833.8
4/14/2016	17:15:00	0	135.844	17.4	4815.4
4/14/2016	17:30:00	0	135.827	17.4	4809.6
4/14/2016	17:45:00	0	135.848	17.4	4811.9
4/14/2016	18:00:00	0	135.848	17.4	4778.5
4/14/2016	18:15:00	0	135.827	17.4	4778.5
4/14/2016	18:30:00	0	135.823	17.4	4733.6
4/14/2016	18:45:00	0	135.841	17.4	4733.6
4/14/2016	19:00:00	0	135.838	17.4	4704.8
4/14/2016	19:15:00	0	135.84	17.4	4690.9

4/14/2016	19:30:00	0	135.86	17.4	4687.5
4/14/2016	19:45:00	0	135.874	17.4	4693.2
4/14/2016	20:00:00	0	135.852	17.4	4648.3
4/14/2016	20:15:00	0	135.827	17.4	4619.5
4/14/2016	20:30:00	0	135.868	17.4	4642.6
4/14/2016	20:45:00	0	135.84	17.4	4588.4
4/14/2016	21:00:00	0	135.855	17.4	4578
4/14/2016	21:15:00	0	135.862	17.4	4537.7
4/14/2016	21:30:00	0	135.855	17.4	4544.6
4/14/2016	21:45:00	0	135.87	17.4	4515.8
4/14/2016	22:00:00	0	135.813	17.4	4537.7
4/14/2016	22:15:00	0	135.859	17.4	4490.5
4/14/2016	22:30:00	0	135.837	17.4	4480.1
4/14/2016	22:45:00	0	135.84	17.4	4479
4/14/2016	23:00:00	0	135.862	17.4	4483.6
4/14/2016	23:15:00	0	135.863	17.4	4476.7
4/14/2016	23:30:00	0	135.846	17.4	4470.9
4/14/2016	23:45:00	0	135.866	17.4	4453.6
4/15/2016	0:00:00	0	135.885	17.4	4470.9
4/15/2016	0:15:00	0	135.847	17.4	4470.9
4/15/2016	0:30:00	0	135.831	17.4	4470.9
4/15/2016	0:45:00	0	135.829	17.4	4480.1
4/15/2016	1:00:00	0	135.905	17.4	4496.3
4/15/2016	1:15:00	0	135.844	17.4	4474.4
4/15/2016	1:30:00	0	135.885	17.4	4489.3
4/15/2016	1:45:00	0	135.888	17.4	4522.8
4/15/2016	2:00:00	0	135.854	17.4	4520.4
4/15/2016	2:15:00	0	135.861	17.4	4537.7
4/15/2016	2:30:00	0	135.874	17.4	4502
4/15/2016	2:45:00	0	135.879	17.4	4510.1
4/15/2016	3:00:00	0	135.901	17.4	4515.8
4/15/2016	3:15:00	0	135.88	17.4	4526.2
4/15/2016	3:30:00	0	135.843	17.4	4527.4
4/15/2016	3:45:00	0	135.916	17.4	4529.7
4/15/2016	4:00:00	0	135.935	17.4	4529.7
4/15/2016	4:15:00	0	135.896	17.4	4506.6
4/15/2016	4:30:00	0	135.876	17.4	4510.1
4/15/2016	4:45:00	0	135.895	17.4	4495.1
4/15/2016	5:00:00	0	135.882	17.4	4495.1
4/15/2016	5:15:00	0	135.938	17.4	4490.5
4/15/2016	5:30:00	0	135.917	17.4	4500.9
4/15/2016	5:45:00	0	135.914	17.4	4470.9
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4/15/2016	6:30:00	0	135.91	17.4	4432.9
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4/15/2016	7:00:00	0	135.93	17.4	4401.8

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4/15/2016	7:30:00	0	135.97	17.4	4378.8
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4/15/2016	8:45:00	0	135.938	17.4	4325.8
4/15/2016	9:00:00	0	135.862	17.4	4306.2
4/15/2016	9:15:00	0	135.925	17.4	4313.1
4/15/2016	9:30:00	0	135.945	17.4	4341.9
4/15/2016	9:45:00	0	135.928	17.4	4310.8
4/15/2016	10:00:00	0	135.904	17.4	4306.2
4/15/2016	10:15:00	0	135.96	17.4	4325.8
4/15/2016	10:30:00	0	135.918	17.4	4331.5
4/15/2016	10:45:00	0	135.937	17.4	4360.3
4/15/2016	11:00:00	0	135.894	17.4	4347.6
4/15/2016	11:15:00	0	135.917	17.4	4388
4/15/2016	11:30:00	0	135.945	17.4	4398.3
4/15/2016	11:45:00	0	135.927	17.4	4398.3
4/15/2016	12:00:00	0	135.913	17.4	4437.5
4/15/2016	12:15:00	0	135.918	17.4	4435.2
4/15/2016	12:30:00	0	135.881	17.4	4496.3
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4/15/2016	13:00:00	0	135.884	17.4	4521.6
4/15/2016	13:15:00	0	135.894	17.4	4541.2
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4/15/2016	13:45:00	0	135.881	17.4	4613.8
4/15/2016	14:00:00	0	135.843	17.4	4648.3
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4/15/2016	14:30:00	0	135.873	17.4	4663.3
4/15/2016	14:45:00	0	135.854	17.4	4672.5
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4/15/2016	16:15:00	0	135.808	17.4	4790
4/15/2016	16:30:00	0	135.829	17.4	4817.7
4/15/2016	16:45:00	0	135.818	17.4	4787.7
4/15/2016	17:00:00	0	135.855	17.4	4767
4/15/2016	17:15:00	0	135.835	17.4	4824.6
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4/15/2016	20:15:00	0	135.839	17.4	4626.4
4/15/2016	20:30:00	0	135.828	17.4	4631
4/15/2016	20:45:00	0	135.822	17.4	4606.8
4/15/2016	21:00:00	0	135.801	17.4	4585
4/15/2016	21:15:00	0	135.808	17.4	4587.3
4/15/2016	21:30:00	0	135.808	17.4	4548.1
4/15/2016	21:45:00	0	135.826	17.4	4538.9
4/15/2016	22:00:00	0	135.823	17.4	4525.1
4/15/2016	22:15:00	0	135.844	17.4	4500.9
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4/15/2016	23:15:00	0	135.845	17.4	4459.4
4/15/2016	23:30:00	0	135.829	17.4	4482.4
4/15/2016	23:45:00	0	135.832	17.4	4453.6
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4/16/2016	2:00:00	0	135.861	17.4	4476.7
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4/16/2016	3:00:00	0	135.861	17.4	4540
4/16/2016	3:15:00	0	135.846	17.4	4551.6
4/16/2016	3:30:00	0	135.825	17.4	4538.9
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4/16/2016	6:00:00	0	135.828	17.4	4576.9
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4/16/2016	8:30:00	0	135.865	17.4	4467.5
4/16/2016	8:45:00	0	135.865	17.4	4447.9
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4/16/2016	9:15:00	0	135.847	17.4	4423.7
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4/16/2016	11:15:00	0	135.841	17.4	4392.6
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4/16/2016	18:15:00	0	135.738	17.4	4793.5

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4/16/2016	18:45:00	0	135.738	17.4	4783.1
4/16/2016	19:00:00	0	135.7	17.4	4770.4
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4/16/2016	21:45:00	0	135.705	17.4	4606.8
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4/16/2016	22:15:00	0	135.724	17.4	4551.6
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4/16/2016	22:45:00	0	135.711	17.4	4526.2
4/16/2016	23:00:00	0	135.693	17.4	4513.5
4/16/2016	23:15:00	0	135.716	17.4	4498.6
4/16/2016	23:30:00	0	135.718	17.4	4497.4
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4/17/2016	5:45:00	0	135.635	17.4	4608
4/17/2016	6:00:00	0	135.673	17.4	4590.7

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4/17/2016	6:30:00	0	135.67	17.4	4603.4
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4/17/2016	8:15:00	0	135.642	17.4	4557.3
4/17/2016	8:30:00	0	135.681	17.4	4513.5
4/17/2016	8:45:00	0	135.663	17.4	4507.8
4/17/2016	9:00:00	0	135.665	17.4	4479
4/17/2016	9:15:00	0	135.647	17.4	4491.6
4/17/2016	9:30:00	0	135.67	17.4	4476.7
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4/17/2016	10:00:00	0	135.716	17.4	4442.1
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4/17/2016	10:45:00	0	135.699	17.4	4414.5
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4/17/2016	12:15:00	0	135.716	17.4	4383.4
4/17/2016	12:30:00	0	135.692	17.4	4396
4/17/2016	12:45:00	0	135.734	17.4	4385.7
4/17/2016	13:00:00	0	135.718	17.4	4412.2
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4/17/2016	13:45:00	0	135.729	17.4	4470.9
4/17/2016	14:00:00	0	135.683	17.4	4479
4/17/2016	14:15:00	0	135.737	17.4	4490.5
4/17/2016	14:30:00	0	135.722	17.4	4519.3
4/17/2016	14:45:00	0	135.703	17.4	4532
4/17/2016	15:00:00	0	135.683	17.4	4528.5
4/17/2016	15:15:00	0	135.664	17.4	4588.4
4/17/2016	15:30:00	0	135.698	17.4	4568.8
4/17/2016	15:45:00	0	135.701	17.4	4598.8
4/17/2016	16:00:00	0	135.675	17.4	4624.1
4/17/2016	16:15:00	0	135.696	17.4	4638
4/17/2016	16:30:00	0	135.641	17.4	4657.5
4/17/2016	16:45:00	0	135.697	17.4	4669.1
4/17/2016	17:00:00	0	135.638	17.4	4687.5
4/17/2016	17:15:00	0	135.691	17.4	4694.4
4/17/2016	17:30:00	0	135.65	17.4	4696.7
4/17/2016	17:45:00	0	135.629	17.4	4693.2

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4/17/2016	18:15:00	0	135.693	17.4	4712.8
4/17/2016	18:30:00	0	135.655	17.4	4712.8
4/17/2016	18:45:00	0	135.677	17.4	4697.9
4/17/2016	19:00:00	0	135.674	17.4	4692.1
4/17/2016	19:15:00	0	135.673	17.4	4711.7
4/17/2016	19:30:00	0	135.67	17.4	4681.7
4/17/2016	19:45:00	0	135.666	17.4	4686.3
4/17/2016	20:00:00	0	135.684	17.4	4670.2
4/17/2016	20:15:00	0	135.718	17.4	4664.4
4/17/2016	20:30:00	0	135.717	17.4	4650.6
4/17/2016	20:45:00	0	135.713	17.4	4596.5
4/17/2016	21:00:00	0	135.712	17.4	4601.1
4/17/2016	21:15:00	0	135.689	17.4	4590.7
4/17/2016	21:30:00	0	135.747	17.4	4588.4
4/17/2016	21:45:00	0	135.71	17.4	4545.8
4/17/2016	22:00:00	0	135.726	17.4	4520.4
4/17/2016	22:15:00	0	135.729	17.4	4515.8
4/17/2016	22:30:00	0	135.71	17.4	4485.9
4/17/2016	22:45:00	0	135.751	17.4	4466.3
4/17/2016	23:00:00	0	135.69	17.4	4446.7
4/17/2016	23:15:00	0	135.774	17.4	4417.9
4/17/2016	23:30:00	0	135.757	17.4	4406.4
4/17/2016	23:45:00	0	135.737	17.4	4375.3
4/18/2016	0:00:00	0	135.778	17.4	4347.6
4/18/2016	0:15:00	0	135.76	17.4	4347.6
4/18/2016	0:30:00	0	135.776	17.4	4346.5
4/18/2016	0:45:00	0	135.779	17.4	4341.9
4/18/2016	1:00:00	0	135.797	17.4	4323.5
4/18/2016	1:15:00	0	135.775	17.4	4339.6
4/18/2016	1:30:00	0	135.795	17.4	4348.8
4/18/2016	1:45:00	0	135.799	17.4	4362.6
4/18/2016	2:00:00	0	135.821	17.4	4364.9
4/18/2016	2:15:00	0	135.824	17.4	4356.9
4/18/2016	2:30:00	0	135.848	17.4	4371.8
4/18/2016	2:45:00	0	135.791	17.4	4381.1
4/18/2016	3:00:00	0	135.795	17.4	4404.1
4/18/2016	3:15:00	0	135.817	17.4	4397.2
4/18/2016	3:30:00	0	135.817	17.4	4414.5
4/18/2016	3:45:00	0	135.8	17.4	4437.5
4/18/2016	4:00:00	0	135.815	17.4	4445.6
4/18/2016	4:15:00	0	135.775	17.4	4484.7
4/18/2016	4:30:00	0	135.809	17.4	4504.3
4/18/2016	4:45:00	0	135.786	17.4	4525.1
4/18/2016	5:00:00	0	135.845	17.4	4537.7
4/18/2016	5:15:00	0	135.805	17.4	4552.7
4/18/2016	5:30:00	0	135.803	17.4	4565.4

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4/18/2016	6:00:00	0	135.804	17.4	4565.4
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4/18/2016	6:30:00	0	135.839	17.4	4574.6
4/18/2016	6:45:00	0	135.852	17.4	4578
4/18/2016	7:00:00	0	135.804	17.4	4612.6
4/18/2016	7:15:00	0	135.8	17.4	4581.5
4/18/2016	7:30:00	0	135.869	17.4	4583.8
4/18/2016	7:45:00	0	135.802	17.4	4557.3
4/18/2016	8:00:00	0	135.831	17.4	4557.3
4/18/2016	8:15:00	0	135.813	17.4	4587.3
4/18/2016	8:30:00	0	135.83	17.4	4548.1
4/18/2016	8:45:00	0	135.847	17.4	4538.9
4/18/2016	9:00:00	0	135.822	17.4	4522.8
4/18/2016	9:15:00	0	135.866	17.4	4526.2
4/18/2016	9:30:00	0	135.826	17.4	4508.9
4/18/2016	9:45:00	0	135.847	17.4	4479
4/18/2016	10:00:00	0	135.868	17.4	4482.4
4/18/2016	10:15:00	0	135.851	17.4	4470.9
4/18/2016	10:30:00	0	135.85	17.4	4453.6
4/18/2016	10:45:00	0	135.891	17.4	4434
4/18/2016	11:00:00	0	135.855	17.4	4411
4/18/2016	11:15:00	0	135.881	17.4	4406.4
4/18/2016	11:30:00	0	135.881	17.4	4393.7
4/18/2016	11:45:00	0	135.884	17.4	4398.3
4/18/2016	12:00:00	0	135.871	17.4	4379.9
4/18/2016	12:15:00	0	135.858	17.4	4383.4
4/18/2016	12:30:00	0	135.885	17.4	4356.9
4/18/2016	12:45:00	0	135.893	17.4	4378.8
4/18/2016	13:00:00	0	135.859	17.4	4354.6
4/18/2016	13:15:00	0	135.875	17.4	4366.1
4/18/2016	13:30:00	0	135.87	17.4	4360.3
4/18/2016	13:45:00	0	135.87	17.4	4371.8
4/18/2016	14:00:00	0	135.912	17.4	4397.2
4/18/2016	14:15:00	0	135.887	17.4	4405.2
4/18/2016	14:30:00	0	135.866	17.4	4449
4/18/2016	14:45:00	0	135.846	17.4	4447.9
4/18/2016	15:00:00	0	135.867	17.4	4464
4/18/2016	15:15:00	0	135.847	17.4	4497.4
4/18/2016	15:30:00	0	135.807	17.4	4496.3
4/18/2016	15:45:00	0	135.841	17.4	4513.5
4/18/2016	16:00:00	0	135.773	17.4	4537.7
4/18/2016	16:15:00	0	135.792	17.4	4558.5
4/18/2016	16:30:00	0	135.806	17.4	4575.7
4/18/2016	16:45:00	0	135.786	17.4	4596.5
4/18/2016	17:00:00	0	135.785	17.4	4618.4
4/18/2016	17:15:00	0	135.769	17.4	4631

4/18/2016	17:30:00	0	135.773	17.4	4657.5
4/18/2016	17:45:00	0	135.816	17.4	4651.8
4/18/2016	18:00:00	0	135.802	17.4	4663.3
4/18/2016	18:15:00	0	135.78	17.4	4685.2
4/18/2016	18:30:00	0	135.784	17.4	4673.7
4/18/2016	18:45:00	0	135.782	17.4	4678.3
4/18/2016	19:00:00	0	135.765	17.4	4686.3
4/18/2016	19:15:00	0	135.745	17.4	4723.2
4/18/2016	19:30:00	0	135.798	17.4	4673.7
4/18/2016	19:45:00	0	135.796	17.4	4663.3
4/18/2016	20:00:00	0	135.775	17.4	4662.1
4/18/2016	20:15:00	0	135.771	17.4	4659.8
4/18/2016	20:30:00	0	135.787	17.4	4659.8
4/18/2016	20:45:00	0	135.73	17.4	4643.7
4/18/2016	21:00:00	0	135.768	17.4	4638
4/18/2016	21:15:00	0	135.768	17.4	4594.2
4/18/2016	21:30:00	0	135.725	17.4	4605.7
4/18/2016	21:45:00	0	135.782	17.4	4570
4/18/2016	22:00:00	0	135.743	17.4	4566.5
4/18/2016	22:15:00	0	135.763	17.4	4535.4
4/18/2016	22:30:00	0	135.723	17.4	4498.6
4/18/2016	22:45:00	0	135.745	17.4	4477.8
4/18/2016	23:00:00	0	135.765	17.4	4466.3
4/18/2016	23:15:00	0	135.747	17.4	4460.5
4/18/2016	23:30:00	0	135.772	17.4	4423.7
4/18/2016	23:45:00	0	135.758	17.4	4408.7
4/19/2016	0:00:00	0	135.779	17.4	4398.3
4/19/2016	0:15:00	0	135.78	17.4	4375.3
4/19/2016	0:30:00	0	135.767	17.4	4367.2
4/19/2016	0:45:00	0	135.749	17.4	4391.4
4/19/2016	1:00:00	0	135.773	17.4	4341.9
4/19/2016	1:15:00	0	135.755	17.4	4335
4/19/2016	1:30:00	0	135.78	17.4	4362.6
4/19/2016	1:45:00	0	135.763	17.4	4343
4/19/2016	2:00:00	0	135.766	17.4	4343
4/19/2016	2:15:00	0	135.71	17.4	4364.9
4/19/2016	2:30:00	0	135.752	17.4	4352.3
4/19/2016	2:45:00	0	135.756	17.4	4391.4
4/19/2016	3:00:00	0	135.743	17.4	4398.3
4/19/2016	3:15:00	0	135.727	17.4	4416.8
4/19/2016	3:30:00	0	135.726	17.4	4408.7
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4/19/2016	4:30:00	0	135.679	17.4	4492.8
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4/19/2016	6:00:00	0	135.699	17.4	4589.6
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4/19/2016	6:45:00	0	135.684	17.4	4648.3
4/19/2016	7:00:00	0	135.7	17.4	4609.2
4/19/2016	7:15:00	0	135.699	17.4	4648.3
4/19/2016	7:30:00	0	135.679	17.4	4639.1
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4/19/2016	8:15:00	0	135.654	17.4	4632.2
4/19/2016	8:30:00	0	135.654	17.4	4632.2
4/19/2016	8:45:00	0	135.691	17.4	4613.8
4/19/2016	9:00:00	0	135.649	17.4	4618.4
4/19/2016	9:15:00	0	135.671	17.4	4575.7
4/19/2016	9:30:00	0	135.67	17.4	4582.7
4/19/2016	9:45:00	0	135.671	17.4	4565.4
4/19/2016	10:00:00	0	135.654	17.4	4546.9
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4/19/2016	10:30:00	0	135.655	17.4	4540
4/19/2016	10:45:00	0	135.674	17.4	4511.2
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4/19/2016	11:15:00	0	135.661	17.4	4479
4/19/2016	11:30:00	0	135.697	17.4	4459.4
4/19/2016	11:45:00	0	135.72	17.4	4436.4
4/19/2016	12:00:00	0	135.658	17.4	4430.6
4/19/2016	12:15:00	0	135.701	17.4	4434
4/19/2016	12:30:00	0	135.703	17.4	4434
4/19/2016	12:45:00	0	135.645	17.4	4396
4/19/2016	13:00:00	0	135.648	17.4	4409.9
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4/19/2016	13:30:00	0	135.648	17.4	4411
4/19/2016	13:45:00	0	135.669	17.4	4397.2
4/19/2016	14:00:00	0	135.683	17.4	4402.9
4/19/2016	14:15:00	0	135.661	17.4	4405.2
4/19/2016	14:30:00	0	135.641	17.4	4423.7
4/19/2016	14:45:00	0	135.663	17.4	4423.7
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4/19/2016	15:15:00	0	135.688	17.4	4460.5
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4/19/2016	18:15:00	0	135.589	17.4	4641.4
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4/19/2016	18:45:00	0	135.558	17.4	4659.8
4/19/2016	19:00:00	0	135.542	17.4	4659.8
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4/19/2016	19:30:00	0	135.54	17.4	4639.1
4/19/2016	19:45:00	0	135.56	17.4	4657.5
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4/19/2016	20:30:00	0	135.518	17.4	4627.6
4/19/2016	20:45:00	0	135.531	17.4	4631
4/19/2016	21:00:00	0	135.523	17.4	4612.6
4/19/2016	21:15:00	0	135.519	17.4	4587.3
4/19/2016	21:30:00	0	135.536	17.4	4613.8
4/19/2016	21:45:00	0	135.539	17.4	4575.7
4/19/2016	22:00:00	0	135.54	17.4	4550.4
4/19/2016	22:15:00	0	135.48	17.4	4528.5
4/19/2016	22:30:00	0	135.517	17.4	4513.5
4/19/2016	22:45:00	0	135.539	17.4	4496.3
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4/19/2016	23:15:00	0	135.506	17.4	4447.9
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4/20/2016	3:45:00	0	135.461	17.4	4356.9
4/20/2016	4:00:00	0	135.456	17.4	4398.3
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4/20/2016	4:45:00	0	135.444	17.4	4447.9
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4/20/2016	6:00:00	0	135.386	17.4	4565.4
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4/20/2016	8:00:00	0	135.362	17.4	4656.4
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4/20/2016	9:30:00	0	135.379	17.4	4602.2
4/20/2016	9:45:00	0	135.38	17.4	4603.4
4/20/2016	10:00:00	0	135.4	17.4	4594.2
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4/20/2016	11:00:00	0	135.363	17.4	4541.2
4/20/2016	11:15:00	0	135.382	17.4	4506.6
4/20/2016	11:30:00	0	135.383	17.4	4485.9
4/20/2016	11:45:00	0	135.403	17.4	4480.1
4/20/2016	12:00:00	0	135.403	17.4	4496.3
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4/20/2016	12:30:00	0	135.382	17.4	4445.6
4/20/2016	12:45:00	0	135.382	17.4	4414.5
4/20/2016	13:00:00	0	135.383	17.4	4416.8
4/20/2016	13:15:00	0	135.325	17.4	4415.6
4/20/2016	13:30:00	0	135.327	17.4	4386.8
4/20/2016	13:45:00	0	135.365	17.4	4390.3
4/20/2016	14:00:00	0	135.366	17.4	4364.9
4/20/2016	14:15:00	0	135.369	17.4	4404.1
4/20/2016	14:30:00	0	135.351	17.4	4384.5
4/20/2016	14:45:00	0	135.374	17.4	4371.8
4/20/2016	15:00:00	0	135.356	17.4	4375.3
4/20/2016	15:15:00	0	135.313	17.4	4398.3
4/20/2016	15:30:00	0	135.341	17.4	4393.7
4/20/2016	15:45:00	0	135.341	17.4	4414.5
4/20/2016	16:00:00	0	135.382	17.4	4428.3
4/20/2016	16:15:00	0	135.307	17.4	4432.9

4/20/2016	16:30:00	0	135.325	17.4	4442.1
4/20/2016	16:45:00	0	135.306	17.4	4446.7
4/20/2016	17:00:00	0	135.325	17.4	4469.8
4/20/2016	17:15:00	0	135.348	17.4	4472.1
4/20/2016	17:30:00	0	135.308	17.4	4484.7
4/20/2016	17:45:00	0	135.288	17.4	4482.4
4/20/2016	18:00:00	0	135.289	17.4	4538.9
4/20/2016	18:15:00	0	135.329	17.4	4534.3
4/20/2016	18:30:00	0	135.314	17.4	4544.6
4/20/2016	18:45:00	0	135.294	17.4	4556.2
4/20/2016	19:00:00	0	135.293	17.4	4568.8
4/20/2016	19:15:00	0	135.315	17.4	4578
4/20/2016	19:30:00	0	135.279	17.4	4576.9
4/20/2016	19:45:00	0	135.297	17.4	4548.1
4/20/2016	20:00:00	0	135.28	17.4	4568.8
4/20/2016	20:15:00	0	135.261	17.4	4576.9
4/20/2016	20:30:00	0	135.296	17.4	4552.7
4/20/2016	20:45:00	0	135.229	17.4	4568.8
4/20/2016	21:00:00	0	135.261	17.4	4544.6
4/20/2016	21:15:00	0	135.278	17.4	4535.4
4/20/2016	21:30:00	0	135.276	17.4	4566.5
4/20/2016	21:45:00	0	135.253	17.4	4526.2
4/20/2016	22:00:00	0	135.234	17.4	4517
4/20/2016	22:15:00	0	135.291	17.4	4502
4/20/2016	22:30:00	0	135.271	17.4	4473.2
4/20/2016	22:45:00	0	135.275	17.4	4474.4
4/20/2016	23:00:00	0	135.277	17.4	4442.1
4/20/2016	23:15:00	0	135.244	17.4	4432.9
4/20/2016	23:30:00	0	135.265	17.4	4396
4/20/2016	23:45:00	0	135.261	17.4	4390.3

Report Date: 4/22/2016 8:22:13 AM
Report User Name: KMakar
Report Computer Name: WKST46
Application: WinSitu.exe
Application Version: 5.6.25.0

Log File Properties:
File Name: MPWSP MW-7S LT Test_2016-04-21_09-07-13-989-BaroMerge.wsl
Create Date: 4/22/2016 8:12:46 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
4/22/2016 8:12:46 AM	User Note: "Pressure & Level adjusted by baro data from: "MPWSP BaroTroll Pre Test_Append_2016-04-21_18-56-38-301.wsl""

Log Data:
Record Count: 847
Sensors: 2
1 - 427086: PCTD 30 PSIA (10.9m/35.8ft)
2 - 0: Baro-Adjustment Calc
Time Zone: Pacific Daylight Time

	Sensor: PCTD(A) 35.8ft SN#: 427086	Sensor: PCTD(A) 35.8ft SN#: 427086	Sensor: PCTD(A) 35.8ft SN#: 427086	Sensor: PCTD(A) 35.8ft SN#: 427086
Sensor: PCTD(A) 35.8ft SN#: 427086	Sensor: PCTD(A) 35.8ft SN#: 427086	Sensor: PCTD(A) 35.8ft SN#: 427086	Sensor: PCTD(A) 35.8ft SN#: 427086	Sensor: PCTD(A) 35.8ft SN#: 427086
Sensor: PCTD(A) 35.8ft SN#: 427086	Sensor: PCTD(A) 35.8ft SN#: 427086	Sensor: Baro-Adj Calc SN#: 000000		

Date and Time	Elapsed Time Seconds	Corrected Pressure (PSI)	Corrected Temperature (C)	Depth (ft)
Actual Conductivity (µS)	Specific Conductivity (µS)	Total Dissolved Solids (ppt)	Salinity (PSU)	
Resistivity (ohm-cm)	Water Density (g/cm3)	Barometric Pressure (PSI)		
4/14/2016 12:00:00 AM	124200.000	11.981	17.571	27.309
1814.260	2114.278	1.438	1.091	551.189
1.000	14.791			
4/14/2016 12:15:00 AM	125100.000	11.978	17.571	27.301
1813.850	2113.767	1.437	1.091	551.313
1.000	14.795			
4/14/2016 12:30:00 AM	126000.000	11.978	17.571	27.302
1813.118	2112.947	1.437	1.090	551.536
1.000	14.793			
4/14/2016 12:45:00 AM	126900.000	11.980	17.571	27.306
1811.872	2111.475	1.436	1.089	551.915
1.000	14.791			
4/14/2016 1:00:00 AM	127800.000	11.977	17.570	27.300
1810.236	2109.605	1.435	1.088	552.414
1.000	14.794			
4/14/2016 1:15:00 AM	128700.000	11.968	17.571	27.278
1810.234	2109.586	1.435	1.088	552.415
1.000	14.803			
4/14/2016 1:30:00 AM	129600.000	11.972	17.571	27.288
1810.794	2110.231	1.435	1.089	552.244
1.000	14.799			
4/14/2016 1:45:00 AM	130500.000	11.975	17.571	27.294
1809.938	2109.247	1.434	1.088	552.505
1.000	14.796			
4/14/2016 2:00:00 AM	131400.000	11.969	17.571	27.281
1810.470	2109.845	1.435	1.088	552.343
1.000	14.802			
4/14/2016 2:15:00 AM	132300.000	11.980	17.571	27.306
1807.448	2106.323	1.432	1.087	553.266
1.000	14.792			
4/14/2016 2:30:00 AM	133200.000	11.980	17.571	27.307
1807.400	2106.280	1.432	1.087	553.281

1.000 14.790
4/14/2016 2:45:00 AM 134100.000 11.985 17.570 27.316
1809.107 2108.282 1.434 1.088 552.759
1.000 14.787
4/14/2016 3:00:00 AM 135000.000 11.982 17.571 27.312
1809.929 2109.197 1.434 1.088 552.508
1.000 14.786
4/14/2016 3:15:00 AM 135900.000 11.983 17.571 27.314
1809.923 2109.187 1.434 1.088 552.510
1.000 14.785
4/14/2016 3:30:00 AM 136800.000 11.984 17.571 27.315
1809.072 2108.212 1.434 1.088 552.770
1.000 14.781
4/14/2016 3:45:00 AM 137700.000 11.985 17.571 27.318
1810.043 2109.347 1.434 1.088 552.473
1.000 14.782
4/14/2016 4:00:00 AM 138600.000 11.985 17.571 27.318
1810.323 2109.686 1.435 1.088 552.388
1.000 14.777
4/14/2016 4:15:00 AM 139500.000 11.988 17.571 27.325
1810.222 2109.573 1.435 1.088 552.418
1.000 14.774
4/14/2016 4:30:00 AM 140400.000 11.987 17.570 27.322
1810.341 2109.720 1.435 1.088 552.382
1.000 14.772
4/14/2016 4:45:00 AM 141300.000 11.994 17.570 27.339
1813.147 2113.002 1.437 1.090 551.527
1.000 14.767
4/14/2016 5:00:00 AM 142200.000 11.989 17.571 27.326
1813.114 2112.930 1.437 1.090 551.537
1.000 14.766
4/14/2016 5:15:00 AM 143100.000 11.988 17.570 27.324
1811.420 2110.993 1.435 1.089 552.053
1.000 14.765
4/14/2016 5:30:00 AM 144000.000 11.981 17.571 27.308
1810.968 2110.438 1.435 1.089 552.191
1.000 14.773
4/14/2016 5:45:00 AM 144900.000 11.989 17.570 27.327
1810.294 2109.672 1.435 1.088 552.397
1.000 14.764
4/14/2016 6:00:00 AM 145800.000 11.982 17.570 27.312
1810.749 2110.195 1.435 1.089 552.258
1.000 14.769
4/14/2016 6:15:00 AM 146700.000 11.981 17.571 27.308
1806.684 2105.437 1.432 1.086 553.500
1.000 14.770
4/14/2016 6:30:00 AM 147600.000 11.984 17.571 27.315
1805.275 2103.787 1.431 1.085 553.932
1.000 14.766
4/14/2016 6:45:00 AM 148500.000 11.968 17.571 27.278
1805.602 2104.176 1.431 1.085 553.832
1.000 14.784
4/14/2016 7:00:00 AM 149400.000 11.968 17.571 27.278
1808.490 2107.537 1.433 1.087 552.948
1.000 14.783
4/14/2016 7:15:00 AM 150300.000 11.973 17.571 27.289

1808.217 2107.224 1.433 1.087 553.031
1.000 14.780
4/14/2016 7:30:00 AM 151200.000 11.960 17.571 27.260
1809.295 2108.484 1.434 1.088 552.701
1.000 14.793
4/14/2016 7:45:00 AM 152100.000 11.967 17.571 27.277
1811.955 2111.596 1.436 1.089 551.890
1.000 14.788
4/14/2016 8:00:00 AM 153000.000 11.965 17.570 27.271
1810.176 2109.539 1.434 1.088 552.432
1.000 14.793
4/14/2016 8:15:00 AM 153900.000 11.958 17.571 27.255
1810.712 2110.148 1.435 1.089 552.269
1.000 14.803
4/14/2016 8:30:00 AM 154800.000 11.961 17.571 27.263
1808.931 2108.073 1.433 1.087 552.813
1.000 14.801
4/14/2016 8:45:00 AM 155700.000 11.963 17.571 27.266
1809.523 2108.754 1.434 1.088 552.632
1.000 14.807
4/14/2016 9:00:00 AM 156600.000 11.967 17.571 27.277
1808.494 2107.551 1.433 1.087 552.946
1.000 14.799
4/14/2016 9:15:00 AM 157500.000 11.965 17.571 27.273
1805.331 2103.873 1.431 1.085 553.915
1.000 14.802
4/14/2016 9:30:00 AM 158400.000 11.964 17.570 27.270
1802.855 2101.000 1.429 1.084 554.676
1.000 14.804
4/14/2016 9:45:00 AM 159300.000 11.967 17.570 27.277
1803.210 2101.409 1.429 1.084 554.567
1.000 14.804
4/14/2016 10:00:00 AM 160200.000 11.963 17.570 27.267
1804.076 2102.434 1.430 1.084 554.300
1.000 14.808
4/14/2016 10:15:00 AM 161100.000 11.970 17.571 27.283
1805.465 2104.001 1.431 1.085 553.874
1.000 14.803
4/14/2016 10:30:00 AM 162000.000 11.971 17.571 27.286
1804.973 2103.447 1.430 1.085 554.025
1.000 14.803
4/14/2016 10:45:00 AM 162900.000 11.965 17.570 27.271
1806.517 2105.267 1.432 1.086 553.551
1.000 14.809
4/14/2016 11:00:00 AM 163800.000 11.965 17.570 27.273
1806.793 2105.605 1.432 1.086 553.467
1.000 14.810
4/14/2016 11:15:00 AM 164700.000 11.967 17.571 27.276
1807.440 2106.322 1.432 1.087 553.269
1.000 14.810
4/14/2016 11:30:00 AM 165600.000 11.960 17.570 27.262
1805.953 2104.622 1.431 1.086 553.724
1.000 14.819
4/14/2016 11:45:00 AM 166500.000 11.969 17.571 27.280
1804.950 2103.420 1.430 1.085 554.032
1.000 14.811

4/14/2016 12:00:00 PM 167400.000 11.970 17.570 27.283
1803.755 2102.049 1.429 1.084 554.399
1.000 14.811
4/14/2016 12:15:00 PM 168300.000 11.975 17.571 27.295
1804.391 2102.782 1.430 1.085 554.204
1.000 14.807
4/14/2016 12:30:00 PM 169200.000 11.974 17.570 27.292
1804.734 2103.218 1.430 1.085 554.098
1.000 14.808
4/14/2016 12:45:00 PM 170100.000 11.978 17.570 27.301
1804.325 2102.721 1.430 1.085 554.224
1.000 14.804
4/14/2016 1:00:00 PM 171000.000 11.969 17.570 27.282
1804.332 2102.721 1.430 1.085 554.222
1.000 14.813
4/14/2016 1:15:00 PM 171900.000 11.976 17.571 27.297
1803.819 2102.094 1.429 1.084 554.379
1.000 14.806
4/14/2016 1:30:00 PM 172800.000 11.978 17.571 27.302
1799.456 2097.026 1.426 1.082 555.724
1.000 14.805
4/14/2016 1:45:00 PM 173700.000 11.983 17.571 27.314
1801.255 2099.119 1.427 1.083 555.169
1.000 14.799
4/14/2016 2:00:00 PM 174600.000 11.985 17.571 27.317
1800.752 2098.532 1.427 1.082 555.324
1.000 14.796
4/14/2016 2:15:00 PM 175500.000 11.989 17.570 27.326
1800.735 2098.557 1.427 1.082 555.329
1.000 14.792
4/14/2016 2:30:00 PM 176400.000 11.976 17.570 27.296
1801.447 2099.371 1.428 1.083 555.109
1.000 14.806
4/14/2016 2:45:00 PM 177300.000 11.986 17.570 27.320
1803.030 2101.220 1.429 1.084 554.622
1.000 14.794
4/14/2016 3:00:00 PM 178200.000 11.977 17.571 27.299
1803.345 2101.550 1.429 1.084 554.525
1.000 14.802
4/14/2016 3:15:00 PM 179100.000 11.983 17.572 27.313
1803.434 2101.620 1.429 1.084 554.498
1.000 14.794
4/14/2016 3:30:00 PM 180000.000 11.987 17.570 27.322
1802.723 2100.849 1.429 1.084 554.716
1.000 14.793
4/14/2016 3:45:00 PM 180900.000 11.990 17.570 27.328
1804.591 2103.035 1.430 1.085 554.142
1.000 14.793
4/14/2016 4:00:00 PM 181800.000 11.983 17.570 27.313
1804.929 2103.438 1.430 1.085 554.038
1.000 14.791
4/14/2016 4:15:00 PM 182700.000 11.984 17.570 27.316
1806.234 2104.933 1.431 1.086 553.638
1.000 14.789
4/14/2016 4:30:00 PM 183600.000 11.985 17.571 27.318
1805.177 2103.665 1.430 1.085 553.962

1.000 14.786
4/14/2016 4:45:00 PM 184500.000 11.988 17.570 27.324
1804.809 2103.273 1.430 1.085 554.075
1.000 14.783
4/14/2016 5:00:00 PM 185400.000 11.993 17.571 27.335
1803.549 2101.796 1.429 1.084 554.462
1.000 14.777
4/14/2016 5:15:00 PM 186300.000 11.989 17.571 27.327
1801.523 2099.426 1.428 1.083 555.086
1.000 14.781
4/14/2016 5:30:00 PM 187200.000 11.982 17.570 27.311
1802.484 2100.563 1.428 1.083 554.790
1.000 14.785
4/14/2016 5:45:00 PM 188100.000 11.982 17.570 27.311
1803.608 2101.898 1.429 1.084 554.444
1.000 14.785
4/14/2016 6:00:00 PM 189000.000 11.984 17.571 27.315
1805.035 2103.527 1.430 1.085 554.006
1.000 14.784
4/14/2016 6:15:00 PM 189900.000 11.980 17.571 27.306
1804.692 2103.103 1.430 1.085 554.111
1.000 14.786
4/14/2016 6:30:00 PM 190800.000 11.983 17.570 27.314
1804.523 2102.948 1.430 1.085 554.163
1.000 14.782
4/14/2016 6:45:00 PM 191700.000 11.978 17.571 27.302
1803.247 2101.440 1.429 1.084 554.555
1.000 14.787
4/14/2016 7:00:00 PM 192600.000 11.979 17.570 27.305
1802.237 2100.301 1.428 1.083 554.866
1.000 14.785
4/14/2016 7:15:00 PM 193500.000 11.983 17.571 27.312
1802.330 2100.359 1.428 1.083 554.837
1.000 14.783
4/14/2016 7:30:00 PM 194400.000 11.985 17.570 27.317
1801.491 2099.422 1.428 1.083 555.096
1.000 14.781
4/14/2016 7:45:00 PM 195300.000 11.979 17.571 27.304
1802.480 2100.554 1.428 1.083 554.791
1.000 14.785
4/14/2016 8:00:00 PM 196200.000 11.975 17.570 27.294
1802.702 2100.833 1.429 1.084 554.723
1.000 14.791
4/14/2016 8:15:00 PM 197100.000 11.973 17.570 27.291
1804.100 2102.467 1.430 1.084 554.293
1.000 14.792
4/14/2016 8:30:00 PM 198000.000 11.979 17.571 27.305
1804.121 2102.454 1.430 1.084 554.286
1.000 14.788
4/14/2016 8:45:00 PM 198900.000 11.980 17.570 27.307
1803.862 2102.173 1.429 1.084 554.366
1.000 14.788
4/14/2016 9:00:00 PM 199800.000 11.974 17.570 27.293
1802.916 2101.071 1.429 1.084 554.657
1.000 14.795
4/14/2016 9:15:00 PM 200700.000 11.980 17.571 27.306

1802.216 2100.234 1.428 1.083 554.872
1.000 14.794
4/14/2016 9:30:00 PM 201600.000 11.975 17.570 27.294
1803.766 2102.073 1.429 1.084 554.396
1.000 14.797
4/14/2016 9:45:00 PM 202500.000 11.967 17.571 27.277
1804.954 2103.425 1.430 1.085 554.031
1.000 14.804
4/14/2016 10:00:00 PM 203400.000 11.965 17.570 27.271
1805.370 2103.939 1.431 1.085 553.903
1.000 14.810
4/14/2016 10:15:00 PM 204300.000 11.972 17.570 27.288
1803.830 2102.136 1.429 1.084 554.376
1.000 14.804
4/14/2016 10:30:00 PM 205200.000 11.974 17.570 27.292
1803.885 2102.212 1.430 1.084 554.359
1.000 14.805
4/14/2016 10:45:00 PM 206100.000 11.977 17.571 27.300
1803.417 2101.634 1.429 1.084 554.503
1.000 14.799
4/14/2016 11:00:00 PM 207000.000 11.973 17.571 27.291
1804.409 2102.803 1.430 1.085 554.198
1.000 14.802
4/14/2016 11:15:00 PM 207900.000 11.976 17.571 27.297
1804.316 2102.677 1.430 1.085 554.227
1.000 14.802
4/14/2016 11:30:00 PM 208800.000 11.991 17.571 27.332
1802.786 2100.906 1.429 1.084 554.697
1.000 14.793
4/14/2016 11:45:00 PM 209700.000 11.981 17.571 27.309
1802.547 2100.612 1.428 1.083 554.771
1.000 14.797
4/15/2016 12:00:00 AM 210600.000 11.979 17.570 27.304
1802.988 2101.155 1.429 1.084 554.635
1.000 14.799
4/15/2016 12:15:00 AM 211500.000 11.984 17.570 27.314
1803.205 2101.403 1.429 1.084 554.568
1.000 14.795
4/15/2016 12:30:00 AM 212400.000 11.987 17.570 27.323
1803.029 2101.203 1.429 1.084 554.622
1.000 14.791
4/15/2016 12:45:00 AM 213300.000 11.977 17.571 27.300
1802.798 2100.920 1.429 1.084 554.693
1.000 14.799
4/15/2016 1:00:00 AM 214200.000 11.980 17.570 27.307
1805.011 2103.508 1.430 1.085 554.013
1.000 14.798
4/15/2016 1:15:00 AM 215100.000 11.976 17.571 27.298
1804.420 2102.810 1.430 1.085 554.195
1.000 14.804
4/15/2016 1:30:00 AM 216000.000 11.977 17.571 27.298
1803.628 2101.880 1.429 1.084 554.438
1.000 14.802
4/15/2016 1:45:00 AM 216900.000 11.981 17.571 27.307
1804.110 2102.455 1.430 1.084 554.290
1.000 14.799

4/15/2016 2:00:00 AM	217800.000	11.984	17.570	27.314	
1802.718	2100.844	1.429	1.084	554.718	
1.000	14.794				
4/15/2016 2:15:00 AM	218700.000	11.987	17.571	27.321	
1802.870	2101.004	1.429	1.084	554.671	
1.000	14.792				
4/15/2016 2:30:00 AM	219600.000	11.990	17.571	27.328	
1803.351	2101.557	1.429	1.084	554.523	
1.000	14.789				
4/15/2016 2:45:00 AM	220500.000	11.990	17.571	27.330	
1803.898	2102.202	1.429	1.084	554.355	
1.000	14.786				
4/15/2016 3:00:00 AM	221400.000	11.991	17.570	27.331	
1802.151	2100.175	1.428	1.083	554.892	
1.000	14.786				
4/15/2016 3:15:00 AM	222300.000	11.987	17.570	27.321	
1802.651	2100.766	1.429	1.084	554.739	
1.000	14.789				
4/15/2016 3:30:00 AM	223200.000	11.988	17.570	27.324	
1802.745	2100.892	1.429	1.084	554.710	
1.000	14.785				
4/15/2016 3:45:00 AM	224100.000	11.994	17.570	27.338	
1803.050	2101.222	1.429	1.084	554.616	
1.000	14.779				
4/15/2016 4:00:00 AM	225000.000	11.987	17.571	27.322	
1802.810	2100.918	1.429	1.084	554.690	
1.000	14.783				
4/15/2016 4:15:00 AM	225900.000	11.988	17.571	27.325	
1802.868	2101.002	1.429	1.084	554.672	
1.000	14.783				
4/15/2016 4:30:00 AM	226800.000	11.983	17.571	27.312	
1803.246	2101.439	1.429	1.084	554.556	
1.000	14.789				
4/15/2016 4:45:00 AM	227700.000	11.986	17.571	27.320	
1804.088	2102.428	1.430	1.084	554.297	
1.000	14.783				
4/15/2016 5:00:00 AM	228600.000	11.986	17.571	27.319	
1804.932	2103.412	1.430	1.085	554.038	
1.000	14.785				
4/15/2016 5:15:00 AM	229500.000	11.983	17.571	27.313	
1804.334	2102.698	1.430	1.085	554.221	
1.000	14.787				
4/15/2016 5:30:00 AM	230400.000	11.986	17.570	27.319	
1803.469	2101.723	1.429	1.084	554.487	
1.000	14.787				
4/15/2016 5:45:00 AM	231300.000	11.983	17.571	27.313	
1803.885	2102.191	1.429	1.084	554.359	
1.000	14.788				
4/15/2016 6:00:00 AM	232200.000	11.981	17.571	27.308	
1802.768	2100.874	1.429	1.084	554.703	
1.000	14.789				
4/15/2016 6:15:00 AM	233100.000	11.982	17.571	27.311	
1803.307	2101.502	1.429	1.084	554.537	
1.000	14.790				
4/15/2016 6:30:00 AM	234000.000	11.985	17.570	27.317	
1803.923	2102.260	1.430	1.084	554.347	

1.000 14.786
4/15/2016 6:45:00 AM 234900.000 11.984 17.570 27.315
1804.147 2102.522 1.430 1.084 554.279
1.000 14.789
4/15/2016 7:00:00 AM 235800.000 11.980 17.570 27.305
1803.478 2101.721 1.429 1.084 554.484
1.000 14.791
4/15/2016 7:15:00 AM 236700.000 11.979 17.570 27.304
1802.657 2100.772 1.429 1.084 554.737
1.000 14.794
4/15/2016 7:30:00 AM 237600.000 11.976 17.571 27.298
1802.238 2100.244 1.428 1.083 554.866
1.000 14.797
4/15/2016 7:45:00 AM 238500.000 11.975 17.571 27.294
1799.963 2097.622 1.426 1.082 555.567
1.000 14.800
4/15/2016 8:00:00 AM 239400.000 11.973 17.570 27.291
1799.888 2097.554 1.426 1.082 555.590
1.000 14.801
4/15/2016 8:15:00 AM 240300.000 11.976 17.571 27.298
1800.644 2098.406 1.427 1.082 555.357
1.000 14.800
4/15/2016 8:30:00 AM 241200.000 11.977 17.571 27.300
1801.793 2099.713 1.428 1.083 555.003
1.000 14.798
4/15/2016 8:45:00 AM 242100.000 11.981 17.571 27.309
1801.147 2098.972 1.427 1.083 555.202
1.000 14.797
4/15/2016 9:00:00 AM 243000.000 11.986 17.570 27.320
1800.109 2097.795 1.427 1.082 555.522
1.000 14.792
4/15/2016 9:15:00 AM 243900.000 11.979 17.570 27.303
1799.028 2096.540 1.426 1.081 555.856
1.000 14.798
4/15/2016 9:30:00 AM 244800.000 11.985 17.570 27.317
1798.759 2096.222 1.425 1.081 555.939
1.000 14.794
4/15/2016 9:45:00 AM 245700.000 11.984 17.571 27.315
1800.992 2098.812 1.427 1.082 555.250
1.000 14.795
4/15/2016 10:00:00 AM 246600.000 11.984 17.571 27.315
1801.956 2099.939 1.428 1.083 554.953
1.000 14.794
4/15/2016 10:15:00 AM 247500.000 11.979 17.570 27.303
1802.113 2100.135 1.428 1.083 554.904
1.000 14.800
4/15/2016 10:30:00 AM 248400.000 11.978 17.570 27.301
1801.026 2098.880 1.427 1.083 555.239
1.000 14.799
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1802.414 2100.506 1.428 1.083 554.812
1.000 14.796
4/15/2016 11:00:00 AM 250200.000 11.974 17.570 27.294
1802.599 2100.722 1.428 1.084 554.755
1.000 14.807
4/15/2016 11:15:00 AM 251100.000 11.983 17.570 27.312

1802.210 2100.256 1.428 1.083 554.874
1.000 14.799
4/15/2016 11:30:00 AM 252000.000 11.987 17.571 27.323
1802.113 2100.127 1.428 1.083 554.904
1.000 14.794
4/15/2016 11:45:00 AM 252900.000 11.985 17.571 27.318
1803.197 2101.382 1.429 1.084 554.570
1.000 14.796
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1.000 14.792
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1803.771 2102.054 1.429 1.084 554.394
1.000 14.793
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1804.088 2102.424 1.430 1.084 554.297
1.000 14.792
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1803.508 2101.765 1.429 1.084 554.475
1.000 14.791
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1.000 14.790
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1801.837 2099.792 1.428 1.083 554.989
1.000 14.785
4/15/2016 1:30:00 PM 259200.000 11.996 17.571 27.342
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1.000 14.784
4/15/2016 1:45:00 PM 260100.000 11.989 17.570 27.326
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1.000 14.786
4/15/2016 2:00:00 PM 261000.000 11.990 17.570 27.328
1799.897 2097.569 1.426 1.082 555.587
1.000 14.785
4/15/2016 2:15:00 PM 261900.000 11.997 17.569 27.344
1800.523 2098.323 1.427 1.082 555.394
1.000 14.778
4/15/2016 2:30:00 PM 262800.000 11.990 17.570 27.330
1798.124 2095.482 1.425 1.081 556.135
1.000 14.781
4/15/2016 2:45:00 PM 263700.000 11.994 17.570 27.338
1797.085 2094.295 1.424 1.080 556.457
1.000 14.777
4/15/2016 3:00:00 PM 264600.000 11.998 17.570 27.348
1797.165 2094.401 1.424 1.080 556.432
1.000 14.772
4/15/2016 3:15:00 PM 265500.000 11.989 17.570 27.326
1798.788 2096.260 1.425 1.081 555.930
1.000 14.781
4/15/2016 3:30:00 PM 266400.000 11.994 17.571 27.337
1798.958 2096.451 1.426 1.081 555.877
1.000 14.774
4/15/2016 3:45:00 PM 267300.000 11.997 17.570 27.344
1800.123 2097.852 1.427 1.082 555.518
1.000 14.769

4/15/2016 4:00:00 PM	268200.000	11.999	17.570	27.350
1799.548	2097.149	1.426	1.082	555.695
1.000	14.767			
4/15/2016 4:15:00 PM	269100.000	11.997	17.571	27.345
1798.795	2096.252	1.425	1.081	555.928
1.000	14.766			
4/15/2016 4:30:00 PM	270000.000	12.001	17.571	27.355
1798.572	2096.001	1.425	1.081	555.997
1.000	14.759			
4/15/2016 4:45:00 PM	270900.000	12.003	17.571	27.358
1798.062	2095.389	1.425	1.081	556.154
1.000	14.756			
4/15/2016 5:00:00 PM	271800.000	12.000	17.571	27.352
1796.235	2093.256	1.423	1.079	556.720
1.000	14.757			
4/15/2016 5:15:00 PM	272700.000	12.004	17.571	27.362
1796.860	2094.001	1.424	1.080	556.526
1.000	14.754			
4/15/2016 5:30:00 PM	273600.000	11.996	17.571	27.343
1797.755	2095.040	1.425	1.080	556.249
1.000	14.758			
4/15/2016 5:45:00 PM	274500.000	12.000	17.571	27.352
1799.616	2097.217	1.426	1.082	555.674
1.000	14.754			
4/15/2016 6:00:00 PM	275400.000	11.997	17.570	27.345
1798.806	2096.281	1.425	1.081	555.924
1.000	14.754			
4/15/2016 6:15:00 PM	276300.000	11.993	17.571	27.336
1797.177	2094.357	1.424	1.080	556.428
1.000	14.757			
4/15/2016 6:30:00 PM	277200.000	11.993	17.571	27.335
1798.129	2095.479	1.425	1.081	556.134
1.000	14.758			
4/15/2016 6:45:00 PM	278100.000	11.993	17.571	27.335
1799.329	2096.862	1.426	1.081	555.763
1.000	14.756			
4/15/2016 7:00:00 PM	279000.000	11.995	17.571	27.340
1798.073	2095.414	1.425	1.081	556.151
1.000	14.753			
4/15/2016 7:15:00 PM	279900.000	11.993	17.571	27.336
1799.273	2096.804	1.426	1.081	555.780
1.000	14.753			
4/15/2016 7:30:00 PM	280800.000	11.997	17.570	27.345
1799.619	2097.249	1.426	1.082	555.673
1.000	14.750			
4/15/2016 7:45:00 PM	281700.000	11.987	17.571	27.322
1802.352	2100.388	1.428	1.083	554.831
1.000	14.760			
4/15/2016 8:00:00 PM	282600.000	11.986	17.570	27.321
1802.639	2100.769	1.429	1.084	554.742
1.000	14.763			
4/15/2016 8:15:00 PM	283500.000	11.981	17.571	27.309
1798.248	2095.623	1.425	1.081	556.097
1.000	14.765			
4/15/2016 8:30:00 PM	284400.000	11.976	17.571	27.297
1798.181	2095.528	1.425	1.081	556.118

1.000 14.772
4/15/2016 8:45:00 PM 285300.000 11.981 17.571 27.309
1796.834 2093.962 1.424 1.080 556.534
1.000 14.769
4/15/2016 9:00:00 PM 286200.000 11.987 17.571 27.323
1796.795 2093.925 1.424 1.080 556.546
1.000 14.771
4/15/2016 9:15:00 PM 287100.000 11.974 17.571 27.292
1797.074 2094.250 1.424 1.080 556.460
1.000 14.779
4/15/2016 9:30:00 PM 288000.000 11.980 17.571 27.305
1796.963 2094.117 1.424 1.080 556.494
1.000 14.777
4/15/2016 9:45:00 PM 288900.000 11.973 17.571 27.290
1798.449 2095.840 1.425 1.081 556.035
1.000 14.785
4/15/2016 10:00:00 PM 289800.000 11.974 17.570 27.293
1800.702 2098.502 1.427 1.082 555.339
1.000 14.785
4/15/2016 10:15:00 PM 290700.000 11.983 17.570 27.313
1799.899 2097.555 1.426 1.082 555.587
1.000 14.779
4/15/2016 10:30:00 PM 291600.000 11.985 17.570 27.316
1799.852 2097.524 1.426 1.082 555.601
1.000 14.778
4/15/2016 10:45:00 PM 292500.000 11.983 17.570 27.312
1799.204 2096.773 1.426 1.081 555.801
1.000 14.782
4/15/2016 11:00:00 PM 293400.000 11.990 17.570 27.328
1798.295 2095.686 1.425 1.081 556.082
1.000 14.779
4/15/2016 11:15:00 PM 294300.000 11.990 17.570 27.330
1797.462 2094.718 1.424 1.080 556.340
1.000 14.780
4/15/2016 11:30:00 PM 295200.000 11.988 17.570 27.323
1794.669 2091.468 1.422 1.078 557.206
1.000 14.776
4/15/2016 11:45:00 PM 296100.000 11.987 17.571 27.322
1795.271 2092.154 1.423 1.079 557.019
1.000 14.778
4/16/2016 12:00:00 AM 297000.000 11.996 17.570 27.342
1798.356 2095.777 1.425 1.081 556.064
1.000 14.776
4/16/2016 12:15:00 AM 297900.000 11.994 17.571 27.338
1798.039 2095.379 1.425 1.081 556.162
1.000 14.777
4/16/2016 12:30:00 AM 298800.000 11.988 17.571 27.324
1794.893 2091.700 1.422 1.079 557.136
1.000 14.778
4/16/2016 12:45:00 AM 299700.000 11.990 17.570 27.330
1797.243 2094.471 1.424 1.080 556.408
1.000 14.775
4/16/2016 1:00:00 AM 300600.000 11.992 17.569 27.334
1796.401 2093.523 1.424 1.080 556.669
1.000 14.773
4/16/2016 1:15:00 AM 301500.000 11.983 17.570 27.314

1796.004	2093.040	1.423	1.079	556.792	1.000	14.782			
4/16/2016 1:30:00 AM	302400.000	11.990	17.570	27.328	1798.174	2095.541	1.425	1.081	556.120
1.000	14.778								
4/16/2016 1:45:00 AM	303300.000	11.987	17.571	27.321	1798.897	2096.367	1.426	1.081	555.896
1.000	14.781								
4/16/2016 2:00:00 AM	304200.000	11.993	17.570	27.335	1797.731	2095.028	1.425	1.080	556.257
1.000	14.775								
4/16/2016 2:15:00 AM	305100.000	11.993	17.571	27.336	1796.368	2093.432	1.424	1.080	556.679
1.000	14.773								
4/16/2016 2:30:00 AM	306000.000	11.992	17.571	27.333	1797.916	2095.231	1.425	1.081	556.199
1.000	14.775								
4/16/2016 2:45:00 AM	306900.000	11.993	17.571	27.335	1797.579	2094.819	1.424	1.080	556.304
1.000	14.772								
4/16/2016 3:00:00 AM	307800.000	11.999	17.570	27.348	1798.830	2096.333	1.426	1.081	555.917
1.000	14.764								
4/16/2016 3:15:00 AM	308700.000	11.999	17.570	27.349	1799.231	2096.780	1.426	1.081	555.793
1.000	14.765								
4/16/2016 3:30:00 AM	309600.000	12.001	17.571	27.353	1799.625	2097.219	1.426	1.082	555.671
1.000	14.762								
4/16/2016 3:45:00 AM	310500.000	12.000	17.571	27.351	1796.769	2093.886	1.424	1.080	556.555
1.000	14.761								
4/16/2016 4:00:00 AM	311400.000	12.004	17.571	27.362	1796.635	2093.714	1.424	1.080	556.596
1.000	14.755								
4/16/2016 4:15:00 AM	312300.000	11.998	17.571	27.347	1797.081	2094.254	1.424	1.080	556.458
1.000	14.760								
4/16/2016 4:30:00 AM	313200.000	11.996	17.571	27.342	1796.135	2093.131	1.423	1.079	556.751
1.000	14.762								
4/16/2016 4:45:00 AM	314100.000	11.998	17.571	27.346	1796.027	2093.022	1.423	1.079	556.784
1.000	14.764								
4/16/2016 5:00:00 AM	315000.000	11.991	17.571	27.331	1797.881	2095.175	1.425	1.081	556.210
1.000	14.768								
4/16/2016 5:15:00 AM	315900.000	11.992	17.570	27.334	1796.708	2093.832	1.424	1.080	556.573
1.000	14.764								
4/16/2016 5:30:00 AM	316800.000	11.993	17.571	27.336	1798.641	2096.064	1.425	1.081	555.975
1.000	14.764								
4/16/2016 5:45:00 AM	317700.000	11.990	17.570	27.328	1798.816	2096.296	1.425	1.081	555.921
1.000	14.767								

4/16/2016 6:00:00 AM	318600.000	11.993	17.570	27.335	1796.959	2094.145	1.424	1.080	556.496
1.000	14.763								
4/16/2016 6:15:00 AM	319500.000	11.988	17.571	27.323	1798.446	2095.829	1.425	1.081	556.036
1.000	14.769								
4/16/2016 6:30:00 AM	320400.000	11.990	17.571	27.330	1796.133	2093.150	1.423	1.079	556.752
1.000	14.768								
4/16/2016 6:45:00 AM	321300.000	11.993	17.570	27.335	1795.123	2091.990	1.423	1.079	557.065
1.000	14.763								
4/16/2016 7:00:00 AM	322200.000	11.991	17.571	27.332	1796.201	2093.229	1.423	1.079	556.731
1.000	14.766								
4/16/2016 7:15:00 AM	323100.000	11.990	17.571	27.330	1797.013	2094.171	1.424	1.080	556.479
1.000	14.768								
4/16/2016 7:30:00 AM	324000.000	11.980	17.571	27.307	1795.769	2092.717	1.423	1.079	556.865
1.000	14.779								
4/16/2016 7:45:00 AM	324900.000	11.988	17.570	27.324	1796.347	2093.411	1.424	1.080	556.685
1.000	14.772								
4/16/2016 8:00:00 AM	325800.000	11.990	17.570	27.328	1797.036	2094.226	1.424	1.080	556.472
1.000	14.772								
4/16/2016 8:15:00 AM	326700.000	11.988	17.570	27.323	1796.766	2093.911	1.424	1.080	556.556
1.000	14.776								
4/16/2016 8:30:00 AM	327600.000	11.992	17.570	27.334	1798.591	2096.055	1.425	1.081	555.991
1.000	14.777								
4/16/2016 8:45:00 AM	328500.000	11.982	17.570	27.310	1799.500	2097.098	1.426	1.082	555.710
1.000	14.781								
4/16/2016 9:00:00 AM	329400.000	11.991	17.570	27.332	1799.236	2096.779	1.426	1.081	555.791
1.000	14.777								
4/16/2016 9:15:00 AM	330300.000	11.990	17.571	27.329	1797.982	2095.313	1.425	1.081	556.179
1.000	14.775								
4/16/2016 9:30:00 AM	331200.000	11.998	17.571	27.347	1797.351	2094.578	1.424	1.080	556.374
1.000	14.765								
4/16/2016 9:45:00 AM	332100.000	11.994	17.570	27.337	1798.144	2095.513	1.425	1.081	556.129
1.000	14.772								
4/16/2016 10:00:00 AM	333000.000	11.992	17.571	27.333	1795.879	2092.829	1.423	1.079	556.830
1.000	14.777								
4/16/2016 10:15:00 AM	333900.000	11.989	17.571	27.327	1793.219	2089.758	1.421	1.078	557.656
1.000	14.776								
4/16/2016 10:30:00 AM	334800.000	11.991	17.571	27.330	1792.642	2089.090	1.421	1.077	557.836

1.000 14.775
4/16/2016 10:45:00 AM 335700.000 11.989 17.571 27.328
1792.544 2088.975 1.421 1.077 557.866
1.000 14.776
4/16/2016 11:00:00 AM 336600.000 11.989 17.570 27.327
1794.352 2091.086 1.422 1.078 557.304
1.000 14.776
4/16/2016 11:15:00 AM 337500.000 11.990 17.571 27.328
1797.780 2095.061 1.425 1.080 556.242
1.000 14.776
4/16/2016 11:30:00 AM 338400.000 11.991 17.571 27.331
1795.495 2092.415 1.423 1.079 556.949
1.000 14.773
4/16/2016 11:45:00 AM 339300.000 11.992 17.570 27.334
1794.128 2090.825 1.422 1.078 557.374
1.000 14.773
4/16/2016 12:00:00 PM 340200.000 11.996 17.570 27.343
1791.424 2087.675 1.420 1.076 558.215
1.000 14.768
4/16/2016 12:15:00 PM 341100.000 11.992 17.570 27.333
1790.733 2086.873 1.419 1.076 558.431
1.000 14.773
4/16/2016 12:30:00 PM 342000.000 11.994 17.570 27.339
1791.997 2088.346 1.420 1.077 558.037
1.000 14.771
4/16/2016 12:45:00 PM 342900.000 11.994 17.570 27.338
1793.284 2089.846 1.421 1.078 557.636
1.000 14.769
4/16/2016 1:00:00 PM 343800.000 12.000 17.570 27.351
1791.122 2087.358 1.419 1.076 558.309
1.000 14.766
4/16/2016 1:15:00 PM 344700.000 11.994 17.570 27.337
1792.288 2088.714 1.420 1.077 557.946
1.000 14.769
4/16/2016 1:30:00 PM 345600.000 11.995 17.570 27.339
1793.560 2090.204 1.421 1.078 557.550
1.000 14.769
4/16/2016 1:45:00 PM 346500.000 11.995 17.571 27.341
1793.774 2090.405 1.421 1.078 557.484
1.000 14.772
4/16/2016 2:00:00 PM 347400.000 11.994 17.570 27.339
1791.054 2087.247 1.419 1.076 558.330
1.000 14.770
4/16/2016 2:15:00 PM 348300.000 11.992 17.571 27.333
1791.974 2088.302 1.420 1.077 558.044
1.000 14.773
4/16/2016 2:30:00 PM 349200.000 11.986 17.570 27.319
1791.733 2088.034 1.420 1.077 558.119
1.000 14.778
4/16/2016 2:45:00 PM 350100.000 11.998 17.571 27.347
1790.648 2086.741 1.419 1.076 558.457
1.000 14.767
4/16/2016 3:00:00 PM 351000.000 11.993 17.571 27.336
1790.481 2086.563 1.419 1.076 558.509
1.000 14.771
4/16/2016 3:15:00 PM 351900.000 11.986 17.570 27.321

1791.168	2087.387	1.419	1.076	558.295	
1.000	14.778				
4/16/2016 3:30:00 PM	352800.000	11.998	17.570	27.347	
1790.776	2086.926	1.419	1.076	558.417	
1.000	14.767				
4/16/2016 3:45:00 PM	353700.000	11.998	17.571	27.346	
1792.292	2088.674	1.420	1.077	557.945	
1.000	14.765				
4/16/2016 4:00:00 PM	354600.000	11.998	17.571	27.348	
1791.032	2087.197	1.419	1.076	558.337	
1.000	14.766				
4/16/2016 4:15:00 PM	355500.000	12.003	17.571	27.358	
1792.566	2088.980	1.421	1.077	557.859	
1.000	14.761				
4/16/2016 4:30:00 PM	356400.000	11.992	17.570	27.333	
1789.268	2085.186	1.418	1.075	558.888	
1.000	14.768				
4/16/2016 4:45:00 PM	357300.000	12.003	17.570	27.359	
1788.360	2084.103	1.417	1.075	559.172	
1.000	14.759				
4/16/2016 5:00:00 PM	358200.000	12.003	17.570	27.358	
1790.169	2086.211	1.419	1.076	558.607	
1.000	14.757				
4/16/2016 5:15:00 PM	359100.000	11.998	17.571	27.348	
1788.767	2084.553	1.417	1.075	559.044	
1.000	14.760				
4/16/2016 5:30:00 PM	360000.000	12.001	17.571	27.353	
1787.399	2082.975	1.416	1.074	559.472	
1.000	14.758				
4/16/2016 5:45:00 PM	360900.000	11.997	17.571	27.344	
1782.734	2077.526	1.413	1.071	560.936	
0.999	14.760				
4/16/2016 6:00:00 PM	361800.000	11.998	17.570	27.348	
1784.484	2079.591	1.414	1.072	560.386	
0.999	14.759				
4/16/2016 6:15:00 PM	362700.000	12.002	17.571	27.356	
1788.120	2083.791	1.417	1.074	559.246	
1.000	14.755				
4/16/2016 6:30:00 PM	363600.000	12.005	17.570	27.364	
1786.916	2082.425	1.416	1.074	559.623	
1.000	14.752				
4/16/2016 6:45:00 PM	364500.000	11.996	17.571	27.343	
1786.986	2082.481	1.416	1.074	559.602	
1.000	14.757				
4/16/2016 7:00:00 PM	365400.000	12.002	17.570	27.357	
1787.287	2082.854	1.416	1.074	559.507	
1.000	14.755				
4/16/2016 7:15:00 PM	366300.000	11.993	17.570	27.336	
1788.290	2084.022	1.417	1.074	559.193	
1.000	14.760				
4/16/2016 7:30:00 PM	367200.000	11.997	17.570	27.344	
1786.017	2081.381	1.415	1.073	559.905	
1.000	14.755				
4/16/2016 7:45:00 PM	368100.000	11.999	17.571	27.350	
1782.560	2077.316	1.413	1.071	560.991	
0.999	14.754				

4/16/2016 8:00:00 PM	369000.000	11.993	17.570	27.335
1786.543	2082.014	1.416	1.073	559.740
1.000	14.759			
4/16/2016 8:15:00 PM	369900.000	11.998	17.571	27.347
1790.935	2087.088	1.419	1.076	558.368
1.000	14.755			
4/16/2016 8:30:00 PM	370800.000	11.998	17.570	27.347
1791.520	2087.790	1.420	1.077	558.185
1.000	14.755			
4/16/2016 8:45:00 PM	371700.000	11.999	17.571	27.350
1789.935	2085.922	1.418	1.075	558.680
1.000	14.754			
4/16/2016 9:00:00 PM	372600.000	11.997	17.571	27.346
1790.915	2087.048	1.419	1.076	558.374
1.000	14.756			
4/16/2016 9:15:00 PM	373500.000	11.993	17.571	27.335
1792.960	2089.456	1.421	1.077	557.737
1.000	14.760			
4/16/2016 9:30:00 PM	374400.000	11.992	17.571	27.333
1793.728	2090.331	1.421	1.078	557.498
1.000	14.762			
4/16/2016 9:45:00 PM	375300.000	11.995	17.571	27.341
1790.407	2086.477	1.419	1.076	558.532
1.000	14.760			
4/16/2016 10:00:00 PM	376200.000	11.990	17.570	27.328
1790.236	2086.290	1.419	1.076	558.586
1.000	14.766			
4/16/2016 10:15:00 PM	377100.000	11.990	17.571	27.330
1792.778	2089.216	1.421	1.077	557.794
1.000	14.765			
4/16/2016 10:30:00 PM	378000.000	11.999	17.570	27.349
1792.921	2089.418	1.421	1.077	557.749
1.000	14.763			
4/16/2016 10:45:00 PM	378900.000	11.999	17.570	27.348
1789.963	2085.983	1.418	1.076	558.671
1.000	14.759			
4/16/2016 11:00:00 PM	379800.000	12.002	17.570	27.357
1790.737	2086.886	1.419	1.076	558.429
1.000	14.759			
4/16/2016 11:15:00 PM	380700.000	11.995	17.570	27.341
1790.076	2086.108	1.419	1.076	558.635
1.000	14.762			
4/16/2016 11:30:00 PM	381600.000	12.002	17.570	27.355
1789.004	2084.874	1.418	1.075	558.970
1.000	14.755			
4/16/2016 11:45:00 PM	382500.000	11.992	17.571	27.333
1790.109	2086.138	1.419	1.076	558.625
1.000	14.763			
4/17/2016 12:00:00 AM	383400.000	11.996	17.571	27.343
1789.962	2085.961	1.418	1.076	558.671
1.000	14.761			
4/17/2016 12:15:00 AM	384300.000	11.992	17.571	27.333
1790.590	2086.657	1.419	1.076	558.475
1.000	14.762			
4/17/2016 12:30:00 AM	385200.000	12.002	17.571	27.355
1789.085	2084.928	1.418	1.075	558.945

1.000 14.755
4/17/2016 12:45:00 AM 386100.000 12.004 17.570 27.361
1791.440 2087.701 1.420 1.076 558.210
1.000 14.751
4/17/2016 1:00:00 AM 387000.000 11.998 17.570 27.347
1791.049 2087.242 1.419 1.076 558.332
1.000 14.757
4/17/2016 1:15:00 AM 387900.000 12.002 17.570 27.356
1790.678 2086.805 1.419 1.076 558.448
1.000 14.752
4/17/2016 1:30:00 AM 388800.000 12.000 17.571 27.351
1793.095 2089.613 1.421 1.077 557.695
1.000 14.756
4/17/2016 1:45:00 AM 389700.000 11.999 17.570 27.350
1791.708 2088.013 1.420 1.077 558.127
1.000 14.754
4/17/2016 2:00:00 AM 390600.000 12.000 17.571 27.351
1789.454 2085.374 1.418 1.075 558.830
1.000 14.754
4/17/2016 2:15:00 AM 391500.000 12.002 17.571 27.356
1792.792 2089.223 1.421 1.077 557.789
1.000 14.751
4/17/2016 2:30:00 AM 392400.000 12.006 17.570 27.365
1791.861 2088.188 1.420 1.077 558.079
1.000 14.748
4/17/2016 2:45:00 AM 393300.000 12.005 17.571 27.362
1795.753 2092.686 1.423 1.079 556.869
1.000 14.748
4/17/2016 3:00:00 AM 394200.000 12.003 17.571 27.359
1792.282 2088.654 1.420 1.077 557.948
1.000 14.746
4/17/2016 3:15:00 AM 395100.000 12.002 17.571 27.357
1791.024 2087.197 1.419 1.076 558.340
1.000 14.748
4/17/2016 3:30:00 AM 396000.000 12.006 17.570 27.364
1789.376 2085.304 1.418 1.075 558.854
1.000 14.745
4/17/2016 3:45:00 AM 396900.000 12.003 17.570 27.360
1791.922 2088.275 1.420 1.077 558.060
1.000 14.745
4/17/2016 4:00:00 AM 397800.000 12.013 17.571 27.381
1791.315 2087.522 1.420 1.076 558.249
1.000 14.736
4/17/2016 4:15:00 AM 398700.000 12.008 17.571 27.370
1791.688 2087.973 1.420 1.077 558.133
1.000 14.739
4/17/2016 4:30:00 AM 399600.000 12.004 17.571 27.361
1789.135 2084.998 1.418 1.075 558.929
1.000 14.742
4/17/2016 4:45:00 AM 400500.000 12.007 17.570 27.368
1786.899 2082.401 1.416 1.074 559.629
1.000 14.737
4/17/2016 5:00:00 AM 401400.000 12.002 17.571 27.356
1785.748 2081.034 1.415 1.073 559.990
0.999 14.740
4/17/2016 5:15:00 AM 402300.000 12.005 17.571 27.364

1787.999	2083.642	1.417	1.074	559.284	1.000	14.738			
4/17/2016 5:30:00 AM	403200.000	12.003	17.571	27.359	1786.618	2082.045	1.416	1.073	559.717
1.000	14.738								
4/17/2016 5:45:00 AM	404100.000	12.006	17.570	27.364	1787.343	2082.934	1.416	1.074	559.490
1.000	14.734								
4/17/2016 6:00:00 AM	405000.000	12.011	17.571	27.377	1789.976	2085.958	1.418	1.076	558.667
1.000	14.729								
4/17/2016 6:15:00 AM	405900.000	12.005	17.571	27.362	1791.402	2087.612	1.420	1.076	558.222
1.000	14.733								
4/17/2016 6:30:00 AM	406800.000	12.006	17.571	27.365	1789.282	2085.161	1.418	1.075	558.883
1.000	14.733								
4/17/2016 6:45:00 AM	407700.000	12.003	17.571	27.358	1790.420	2086.500	1.419	1.076	558.528
1.000	14.738								
4/17/2016 7:00:00 AM	408600.000	12.003	17.571	27.360	1792.067	2088.396	1.420	1.077	558.015
1.000	14.733								
4/17/2016 7:15:00 AM	409500.000	12.003	17.570	27.359	1794.133	2090.844	1.422	1.078	557.372
1.000	14.734								
4/17/2016 7:30:00 AM	410400.000	12.005	17.571	27.364	1793.017	2089.521	1.421	1.077	557.719
1.000	14.734								
4/17/2016 7:45:00 AM	411300.000	12.001	17.570	27.354	1788.156	2083.878	1.417	1.074	559.235
1.000	14.740								
4/17/2016 8:00:00 AM	412200.000	12.007	17.571	27.367	1786.995	2082.488	1.416	1.074	559.599
1.000	14.730								
4/17/2016 8:15:00 AM	413100.000	12.000	17.571	27.351	1789.450	2085.365	1.418	1.075	558.831
1.000	14.735								
4/17/2016 8:30:00 AM	414000.000	11.999	17.571	27.350	1786.073	2081.402	1.415	1.073	559.887
1.000	14.738								
4/17/2016 8:45:00 AM	414900.000	11.998	17.570	27.348	1786.588	2082.063	1.416	1.073	559.726
1.000	14.738								
4/17/2016 9:00:00 AM	415800.000	12.000	17.571	27.352	1784.026	2079.049	1.414	1.072	560.530
0.999	14.738								
4/17/2016 9:15:00 AM	416700.000	12.003	17.571	27.358	1780.888	2075.359	1.411	1.070	561.518
0.999	14.732								
4/17/2016 9:30:00 AM	417600.000	12.007	17.570	27.368	1781.910	2076.586	1.412	1.070	561.196
0.999	14.727								
4/17/2016 9:45:00 AM	418500.000	12.005	17.571	27.363	1783.464	2078.377	1.413	1.071	560.707
0.999	14.731								

4/17/2016 10:00:00 AM 419400.000 12.007 17.571 27.369
1783.269 2078.135 1.413 1.071 560.768
0.999 14.727
4/17/2016 10:15:00 AM 420300.000 12.003 17.571 27.358
1786.876 2082.338 1.416 1.074 559.636
1.000 14.732
4/17/2016 10:30:00 AM 421200.000 11.998 17.572 27.348
1786.084 2081.399 1.415 1.073 559.884
1.000 14.735
4/17/2016 10:45:00 AM 422100.000 12.009 17.571 27.371
1786.126 2081.459 1.415 1.073 559.871
1.000 14.724
4/17/2016 11:00:00 AM 423000.000 12.005 17.571 27.364
1786.443 2081.836 1.416 1.073 559.772
1.000 14.729
4/17/2016 11:15:00 AM 423900.000 11.997 17.571 27.344
1788.690 2084.460 1.417 1.075 559.068
1.000 14.736
4/17/2016 11:30:00 AM 424800.000 11.998 17.571 27.346
1783.069 2077.921 1.413 1.071 560.831
0.999 14.735
4/17/2016 11:45:00 AM 425700.000 11.999 17.571 27.348
1781.269 2075.815 1.412 1.070 561.397
0.999 14.733
4/17/2016 12:00:00 PM 426600.000 11.997 17.571 27.346
1780.105 2074.479 1.411 1.069 561.765
0.999 14.735
4/17/2016 12:15:00 PM 427500.000 11.996 17.571 27.342
1780.030 2074.375 1.411 1.069 561.788
0.999 14.737
4/17/2016 12:30:00 PM 428400.000 11.996 17.571 27.343
1780.918 2075.406 1.411 1.070 561.508
0.999 14.736
4/17/2016 12:45:00 PM 429300.000 11.999 17.570 27.349
1781.594 2076.243 1.412 1.070 561.295
0.999 14.735
4/17/2016 1:00:00 PM 430200.000 12.001 17.571 27.355
1784.574 2079.663 1.414 1.072 560.358
0.999 14.731
4/17/2016 1:15:00 PM 431100.000 12.005 17.571 27.362
1784.391 2079.466 1.414 1.072 560.415
0.999 14.727
4/17/2016 1:30:00 PM 432000.000 12.006 17.571 27.366
1782.469 2077.193 1.412 1.071 561.020
0.999 14.726
4/17/2016 1:45:00 PM 432900.000 12.003 17.571 27.359
1781.309 2075.866 1.412 1.070 561.385
0.999 14.731
4/17/2016 2:00:00 PM 433800.000 11.998 17.571 27.348
1779.965 2074.283 1.411 1.069 561.809
0.999 14.736
4/17/2016 2:15:00 PM 434700.000 12.003 17.572 27.359
1779.594 2073.835 1.410 1.069 561.926
0.999 14.736
4/17/2016 2:30:00 PM 435600.000 11.999 17.571 27.349
1782.891 2077.714 1.413 1.071 560.887

0.999 14.735
4/17/2016 2:45:00 PM 436500.000 11.997 17.571 27.344
1784.806 2079.953 1.414 1.072 560.285
0.999 14.738
4/17/2016 3:00:00 PM 437400.000 11.997 17.570 27.346
1783.127 2078.005 1.413 1.071 560.812
0.999 14.738
4/17/2016 3:15:00 PM 438300.000 11.996 17.571 27.342
1786.906 2082.397 1.416 1.074 559.626
1.000 14.740
4/17/2016 3:30:00 PM 439200.000 12.003 17.571 27.360
1784.541 2079.641 1.414 1.072 560.368
0.999 14.732
4/17/2016 3:45:00 PM 440100.000 12.002 17.571 27.356
1780.344 2074.725 1.411 1.069 561.689
0.999 14.732
4/17/2016 4:00:00 PM 441000.000 11.998 17.571 27.347
1778.215 2072.244 1.409 1.068 562.362
0.999 14.737
4/17/2016 4:15:00 PM 441900.000 12.001 17.571 27.354
1785.229 2080.426 1.415 1.073 560.152
0.999 14.734
4/17/2016 4:30:00 PM 442800.000 12.007 17.570 27.367
1786.403 2081.830 1.416 1.073 559.784
1.000 14.733
4/17/2016 4:45:00 PM 443700.000 12.008 17.572 27.371
1787.268 2082.779 1.416 1.074 559.513
1.000 14.728
4/17/2016 5:00:00 PM 444600.000 12.004 17.572 27.361
1781.515 2076.074 1.412 1.070 561.320
0.999 14.730
4/17/2016 5:15:00 PM 445500.000 12.006 17.570 27.366
1780.661 2075.131 1.411 1.070 561.589
0.999 14.733
4/17/2016 5:30:00 PM 446400.000 12.003 17.571 27.359
1778.254 2072.317 1.409 1.068 562.349
0.999 14.732
4/17/2016 5:45:00 PM 447300.000 12.001 17.571 27.354
1780.147 2074.521 1.411 1.069 561.751
0.999 14.733
4/17/2016 6:00:00 PM 448200.000 12.003 17.571 27.360
1784.903 2080.071 1.414 1.072 560.255
0.999 14.732
4/17/2016 6:15:00 PM 449100.000 12.003 17.571 27.358
1782.707 2077.495 1.413 1.071 560.945
0.999 14.732
4/17/2016 6:30:00 PM 450000.000 12.002 17.571 27.356
1784.309 2079.371 1.414 1.072 560.441
0.999 14.734
4/17/2016 6:45:00 PM 450900.000 11.998 17.571 27.346
1782.131 2076.808 1.412 1.071 561.126
0.999 14.737
4/17/2016 7:00:00 PM 451800.000 12.009 17.571 27.371
1780.098 2074.434 1.411 1.069 561.767
0.999 14.726
4/17/2016 7:15:00 PM 452700.000 12.004 17.571 27.362

1783.393	2078.286	1.413	1.071	560.729	0.999	14.731			
4/17/2016 7:30:00 PM	453600.000	12.002	17.571	27.357	1782.097	2076.785	1.412	1.071	561.137
0.999	14.734								
4/17/2016 7:45:00 PM	454500.000	12.001	17.571	27.354	1780.297	2074.696	1.411	1.069	561.704
0.999	14.734								
4/17/2016 8:00:00 PM	455400.000	11.996	17.570	27.342	1778.729	2072.879	1.410	1.068	562.199
0.999	14.739								
4/17/2016 8:15:00 PM	456300.000	11.999	17.571	27.350	1777.280	2071.162	1.408	1.067	562.658
0.999	14.737								
4/17/2016 8:30:00 PM	457200.000	12.000	17.571	27.351	1782.610	2077.399	1.413	1.071	560.975
0.999	14.738								
4/17/2016 8:45:00 PM	458100.000	12.003	17.570	27.358	1784.149	2079.196	1.414	1.072	560.491
0.999	14.740								
4/17/2016 9:00:00 PM	459000.000	11.994	17.571	27.339	1783.069	2077.929	1.413	1.071	560.831
0.999	14.744								
4/17/2016 9:15:00 PM	459900.000	11.997	17.571	27.345	1780.043	2074.383	1.411	1.069	561.784
0.999	14.744								
4/17/2016 9:30:00 PM	460800.000	11.999	17.571	27.350	1779.714	2074.000	1.410	1.069	561.888
0.999	14.743								
4/17/2016 9:45:00 PM	461700.000	12.004	17.571	27.361	1779.201	2073.410	1.410	1.069	562.050
0.999	14.742								
4/17/2016 10:00:00 PM	462600.000	11.994	17.571	27.338	1780.247	2074.620	1.411	1.069	561.720
0.999	14.749								
4/17/2016 10:15:00 PM	463500.000	12.001	17.570	27.353	1780.669	2075.153	1.411	1.070	561.587
0.999	14.744								
4/17/2016 10:30:00 PM	464400.000	11.996	17.571	27.343	1783.386	2078.290	1.413	1.071	560.731
0.999	14.747								
4/17/2016 10:45:00 PM	465300.000	12.000	17.571	27.353	1785.896	2081.207	1.415	1.073	559.943
1.000	14.744								
4/17/2016 11:00:00 PM	466200.000	12.002	17.572	27.356	1786.658	2082.067	1.416	1.073	559.704
1.000	14.743								
4/17/2016 11:15:00 PM	467100.000	12.003	17.572	27.358	1781.598	2076.170	1.412	1.070	561.294
0.999	14.741								
4/17/2016 11:30:00 PM	468000.000	12.007	17.571	27.368	1783.118	2077.986	1.413	1.071	560.815
0.999	14.738								
4/17/2016 11:45:00 PM	468900.000	12.000	17.570	27.351	1781.168	2075.755	1.412	1.070	561.429
0.999	14.746								

4/18/2016 12:00:00 AM 469800.000 12.014 17.571 27.383
1785.709 2081.010 1.415 1.073 560.002
1.000 14.733
4/18/2016 12:15:00 AM 470700.000 12.010 17.571 27.375
1787.569 2083.145 1.417 1.074 559.419
1.000 14.735
4/18/2016 12:30:00 AM 471600.000 12.002 17.570 27.357
1786.961 2082.473 1.416 1.074 559.609
1.000 14.743
4/18/2016 12:45:00 AM 472500.000 12.001 17.571 27.353
1787.347 2082.910 1.416 1.074 559.489
1.000 14.744
4/18/2016 1:00:00 AM 473400.000 12.004 17.571 27.361
1783.015 2077.850 1.413 1.071 560.848
0.999 14.740
4/18/2016 1:15:00 AM 474300.000 12.011 17.572 27.376
1783.869 2078.817 1.414 1.072 560.579
0.999 14.737
4/18/2016 1:30:00 AM 475200.000 12.002 17.571 27.357
1784.263 2079.297 1.414 1.072 560.455
0.999 14.741
4/18/2016 1:45:00 AM 476100.000 12.005 17.571 27.364
1780.750 2075.227 1.411 1.070 561.561
0.999 14.745
4/18/2016 2:00:00 AM 477000.000 12.003 17.571 27.359
1780.417 2074.818 1.411 1.069 561.666
0.999 14.741
4/18/2016 2:15:00 AM 477900.000 12.007 17.571 27.367
1787.376 2082.940 1.416 1.074 559.479
1.000 14.738
4/18/2016 2:30:00 AM 478800.000 12.004 17.571 27.360
1789.138 2084.965 1.418 1.075 558.929
1.000 14.741
4/18/2016 2:45:00 AM 479700.000 12.009 17.571 27.371
1783.708 2078.650 1.413 1.072 560.630
0.999 14.734
4/18/2016 3:00:00 AM 480600.000 12.008 17.572 27.369
1785.264 2080.447 1.415 1.073 560.141
0.999 14.735
4/18/2016 3:15:00 AM 481500.000 12.010 17.571 27.373
1790.138 2086.155 1.419 1.076 558.616
1.000 14.734
4/18/2016 3:30:00 AM 482400.000 12.006 17.571 27.365
1786.007 2081.333 1.415 1.073 559.908
1.000 14.735
4/18/2016 3:45:00 AM 483300.000 12.017 17.571 27.390
1788.131 2083.816 1.417 1.074 559.243
1.000 14.726
4/18/2016 4:00:00 AM 484200.000 12.010 17.571 27.374
1782.824 2077.615 1.413 1.071 560.908
0.999 14.732
4/18/2016 4:15:00 AM 485100.000 12.000 17.571 27.353
1781.131 2075.671 1.411 1.070 561.441
0.999 14.741
4/18/2016 4:30:00 AM 486000.000 12.006 17.571 27.364
1776.602 2070.380 1.408 1.067 562.872

0.999 14.735
4/18/2016 4:45:00 AM 486900.000 12.003 17.571 27.358
1782.509 2077.249 1.413 1.071 561.007
0.999 14.740
4/18/2016 5:00:00 AM 487800.000 12.002 17.572 27.356
1781.262 2075.762 1.412 1.070 561.400
0.999 14.740
4/18/2016 5:15:00 AM 488700.000 12.003 17.571 27.359
1781.055 2075.578 1.411 1.070 561.465
0.999 14.739
4/18/2016 5:30:00 AM 489600.000 12.002 17.570 27.356
1781.342 2075.925 1.412 1.070 561.374
0.999 14.741
4/18/2016 5:45:00 AM 490500.000 12.001 17.571 27.355
1783.461 2078.382 1.413 1.071 560.708
0.999 14.742
4/18/2016 6:00:00 AM 491400.000 12.003 17.571 27.359
1784.712 2079.844 1.414 1.072 560.314
0.999 14.739
4/18/2016 6:15:00 AM 492300.000 12.003 17.571 27.359
1782.479 2077.246 1.413 1.071 561.016
0.999 14.742
4/18/2016 6:30:00 AM 493200.000 12.009 17.571 27.373
1781.313 2075.874 1.412 1.070 561.384
0.999 14.735
4/18/2016 6:45:00 AM 494100.000 12.001 17.571 27.354
1783.598 2078.542 1.413 1.071 560.664
0.999 14.743
4/18/2016 7:00:00 AM 495000.000 12.001 17.571 27.355
1780.680 2075.126 1.411 1.070 561.583
0.999 14.744
4/18/2016 7:15:00 AM 495900.000 11.999 17.571 27.348
1779.231 2073.432 1.410 1.069 562.041
0.999 14.749
4/18/2016 7:30:00 AM 496800.000 12.000 17.571 27.351
1778.782 2072.901 1.410 1.068 562.182
0.999 14.747
4/18/2016 7:45:00 AM 497700.000 12.001 17.571 27.355
1780.001 2074.321 1.411 1.069 561.797
0.999 14.747
4/18/2016 8:00:00 AM 498600.000 11.991 17.571 27.332
1777.586 2071.515 1.409 1.068 562.561
0.999 14.760
4/18/2016 8:15:00 AM 499500.000 11.985 17.571 27.317
1778.443 2072.514 1.409 1.068 562.290
0.999 14.767
4/18/2016 8:30:00 AM 500400.000 12.002 17.571 27.357
1775.341 2068.903 1.407 1.066 563.272
0.999 14.753
4/18/2016 8:45:00 AM 501300.000 11.995 17.572 27.341
1780.910 2075.373 1.411 1.070 561.511
0.999 14.760
4/18/2016 9:00:00 AM 502200.000 11.998 17.571 27.347
1776.504 2070.251 1.408 1.067 562.903
0.999 14.759
4/18/2016 9:15:00 AM 503100.000 11.997 17.571 27.346

1780.684 2075.142 1.411 1.070 561.582
0.999 14.760
4/18/2016 9:30:00 AM 504000.000 12.000 17.571 27.351
1782.692 2077.461 1.413 1.071 560.950
0.999 14.758
4/18/2016 9:45:00 AM 504900.000 12.000 17.571 27.351
1780.133 2074.484 1.411 1.069 561.756
0.999 14.758
4/18/2016 10:00:00 AM 505800.000 12.000 17.572 27.351
1778.912 2073.040 1.410 1.069 562.141
0.999 14.761
4/18/2016 10:15:00 AM 506700.000 12.002 17.571 27.356
1776.040 2069.734 1.407 1.067 563.050
0.999 14.758
4/18/2016 10:30:00 AM 507600.000 12.006 17.571 27.366
1774.937 2068.432 1.407 1.066 563.400
0.999 14.754
4/18/2016 10:45:00 AM 508500.000 12.004 17.571 27.361
1776.354 2070.108 1.408 1.067 562.951
0.999 14.759
4/18/2016 11:00:00 AM 509400.000 12.004 17.570 27.360
1774.252 2067.662 1.406 1.066 563.618
0.999 14.758
4/18/2016 11:15:00 AM 510300.000 12.004 17.572 27.362
1778.018 2071.991 1.409 1.068 562.424
0.999 14.758
4/18/2016 11:30:00 AM 511200.000 12.003 17.571 27.358
1777.655 2071.600 1.409 1.068 562.539
0.999 14.757
4/18/2016 11:45:00 AM 512100.000 12.013 17.571 27.381
1772.264 2065.310 1.404 1.064 564.250
0.999 14.754
4/18/2016 12:00:00 PM 513000.000 12.000 17.571 27.352
1776.467 2070.199 1.408 1.067 562.915
0.999 14.761
4/18/2016 12:15:00 PM 513900.000 12.005 17.571 27.362
1780.573 2074.984 1.411 1.070 561.617
0.999 14.756
4/18/2016 12:30:00 PM 514800.000 12.011 17.571 27.376
1781.325 2075.902 1.412 1.070 561.380
0.999 14.752
4/18/2016 12:45:00 PM 515700.000 12.014 17.571 27.383
1780.679 2075.119 1.411 1.070 561.584
0.999 14.749
4/18/2016 1:00:00 PM 516600.000 12.009 17.571 27.373
1777.903 2071.905 1.409 1.068 562.460
0.999 14.752
4/18/2016 1:15:00 PM 517500.000 12.008 17.571 27.369
1775.715 2069.339 1.407 1.067 563.153
0.999 14.754
4/18/2016 1:30:00 PM 518400.000 12.006 17.571 27.366
1779.760 2074.037 1.410 1.069 561.873
0.999 14.754
4/18/2016 1:45:00 PM 519300.000 12.006 17.571 27.365
1782.960 2077.774 1.413 1.071 560.865
0.999 14.755

4/18/2016 2:00:00 PM	520200.000	12.011	17.570	27.377
1779.062	2073.276	1.410	1.069	562.094
0.999	14.749			
4/18/2016 2:15:00 PM	521100.000	12.015	17.572	27.385
1780.594	2074.993	1.411	1.070	561.610
0.999	14.752			
4/18/2016 2:30:00 PM	522000.000	12.007	17.572	27.368
1786.588	2081.990	1.416	1.073	559.726
1.000	14.753			
4/18/2016 2:45:00 PM	522900.000	12.008	17.572	27.370
1782.871	2077.658	1.413	1.071	560.893
0.999	14.752			
4/18/2016 3:00:00 PM	523800.000	12.008	17.571	27.369
1779.248	2073.449	1.410	1.069	562.035
0.999	14.752			
4/18/2016 3:15:00 PM	524700.000	12.010	17.571	27.375
1777.530	2071.454	1.409	1.068	562.578
0.999	14.749			
4/18/2016 3:30:00 PM	525600.000	12.009	17.572	27.372
1780.548	2074.951	1.411	1.070	561.625
0.999	14.752			
4/18/2016 3:45:00 PM	526500.000	12.007	17.571	27.368
1780.564	2074.977	1.411	1.070	561.620
0.999	14.753			
4/18/2016 4:00:00 PM	527400.000	12.008	17.571	27.370
1777.763	2071.710	1.409	1.068	562.505
0.999	14.753			
4/18/2016 4:15:00 PM	528300.000	12.005	17.571	27.363
1777.224	2071.102	1.408	1.067	562.675
0.999	14.755			
4/18/2016 4:30:00 PM	529200.000	12.005	17.571	27.363
1774.162	2067.516	1.406	1.066	563.646
0.999	14.755			
4/18/2016 4:45:00 PM	530100.000	12.010	17.571	27.375
1777.307	2071.178	1.408	1.068	562.649
0.999	14.751			
4/18/2016 5:00:00 PM	531000.000	12.005	17.572	27.363
1777.324	2071.182	1.408	1.068	562.644
0.999	14.756			
4/18/2016 5:15:00 PM	531900.000	12.006	17.571	27.366
1776.034	2069.707	1.407	1.067	563.052
0.999	14.756			
4/18/2016 5:30:00 PM	532800.000	12.016	17.572	27.388
1780.274	2074.632	1.411	1.069	561.711
0.999	14.745			
4/18/2016 5:45:00 PM	533700.000	12.008	17.571	27.371
1783.307	2078.170	1.413	1.071	560.756
0.999	14.753			
4/18/2016 6:00:00 PM	534600.000	12.008	17.572	27.369
1780.291	2074.647	1.411	1.069	561.706
0.999	14.753			
4/18/2016 6:15:00 PM	535500.000	12.019	17.571	27.395
1780.621	2075.052	1.411	1.070	561.602
0.999	14.742			
4/18/2016 6:30:00 PM	536400.000	12.012	17.571	27.380
1786.925	2082.386	1.416	1.074	559.621

1.000 14.747
4/18/2016 6:45:00 PM 537300.000 12.016 17.571 27.389
1782.785 2077.570 1.413 1.071 560.920
0.999 14.742
4/18/2016 7:00:00 PM 538200.000 12.013 17.571 27.380
1778.591 2072.698 1.409 1.068 562.243
0.999 14.745
4/18/2016 7:15:00 PM 539100.000 12.015 17.571 27.385
1775.957 2069.641 1.407 1.067 563.077
0.999 14.743
4/18/2016 7:30:00 PM 540000.000 12.012 17.571 27.378
1777.342 2071.255 1.408 1.068 562.638
0.999 14.747
4/18/2016 7:45:00 PM 540900.000 12.010 17.570 27.374
1777.618 2071.585 1.409 1.068 562.551
0.999 14.747
4/18/2016 8:00:00 PM 541800.000 12.010 17.572 27.374
1780.028 2074.336 1.411 1.069 561.789
0.999 14.748
4/18/2016 8:15:00 PM 542700.000 12.007 17.572 27.369
1777.724 2071.657 1.409 1.068 562.517
0.999 14.750
4/18/2016 8:30:00 PM 543600.000 12.008 17.571 27.371
1776.434 2070.161 1.408 1.067 562.925
0.999 14.750
4/18/2016 8:45:00 PM 544500.000 12.012 17.572 27.379
1781.269 2075.775 1.412 1.070 561.397
0.999 14.747
4/18/2016 9:00:00 PM 545400.000 12.011 17.571 27.376
1780.628 2075.064 1.411 1.070 561.600
0.999 14.747
4/18/2016 9:15:00 PM 546300.000 12.006 17.571 27.366
1781.845 2076.483 1.412 1.070 561.216
0.999 14.753
4/18/2016 9:30:00 PM 547200.000 12.008 17.572 27.370
1773.794 2067.077 1.406 1.065 563.763
0.999 14.754
4/18/2016 9:45:00 PM 548100.000 12.006 17.571 27.364
1774.122 2067.470 1.406 1.065 563.659
0.999 14.754
4/18/2016 10:00:00 PM 549000.000 12.015 17.572 27.385
1779.639 2073.872 1.410 1.069 561.912
0.999 14.753
4/18/2016 10:15:00 PM 549900.000 12.007 17.571 27.368
1782.834 2077.639 1.413 1.071 560.905
0.999 14.756
4/18/2016 10:30:00 PM 550800.000 12.008 17.571 27.369
1782.374 2077.106 1.412 1.071 561.050
0.999 14.754
4/18/2016 10:45:00 PM 551700.000 12.007 17.571 27.369
1782.502 2077.236 1.413 1.071 561.009
0.999 14.754
4/18/2016 11:00:00 PM 552600.000 12.006 17.571 27.364
1781.623 2076.240 1.412 1.070 561.286
0.999 14.758
4/18/2016 11:15:00 PM 553500.000 12.011 17.571 27.376

1785.333 2080.543 1.415 1.073 560.120
0.999 14.753
4/18/2016 11:30:00 PM 554400.000 12.017 17.571 27.391
1784.742 2079.842 1.414 1.072 560.305
0.999 14.751
4/18/2016 11:45:00 PM 555300.000 12.013 17.571 27.382
1778.593 2072.693 1.409 1.068 562.242
0.999 14.749
4/19/2016 12:00:00 AM 556200.000 12.018 17.571 27.393
1780.596 2075.027 1.411 1.070 561.610
0.999 14.745
4/19/2016 12:15:00 AM 557100.000 12.015 17.571 27.386
1780.432 2074.844 1.411 1.069 561.661
0.999 14.748
4/19/2016 12:30:00 AM 558000.000 12.014 17.572 27.383
1780.039 2074.357 1.411 1.069 561.785
0.999 14.748
4/19/2016 12:45:00 AM 558900.000 12.017 17.572 27.390
1778.510 2072.567 1.409 1.068 562.269
0.999 14.745
4/19/2016 1:00:00 AM 559800.000 12.019 17.571 27.394
1783.117 2077.948 1.413 1.071 560.816
0.999 14.741
4/19/2016 1:15:00 AM 560700.000 12.021 17.571 27.399
1782.832 2077.620 1.413 1.071 560.905
0.999 14.745
4/19/2016 1:30:00 AM 561600.000 12.024 17.571 27.407
1785.293 2080.496 1.415 1.073 560.132
0.999 14.736
4/19/2016 1:45:00 AM 562500.000 12.020 17.572 27.397
1779.647 2073.897 1.410 1.069 561.909
0.999 14.738
4/19/2016 2:00:00 AM 563400.000 12.027 17.572 27.413
1778.645 2072.725 1.409 1.068 562.226
0.999 14.735
4/19/2016 2:15:00 AM 564300.000 12.013 17.572 27.382
1779.331 2073.497 1.410 1.069 562.009
0.999 14.744
4/19/2016 2:30:00 AM 565200.000 12.022 17.571 27.403
1781.596 2076.180 1.412 1.070 561.294
0.999 14.734
4/19/2016 2:45:00 AM 566100.000 12.018 17.571 27.392
1786.497 2081.904 1.416 1.073 559.755
1.000 14.738
4/19/2016 3:00:00 AM 567000.000 12.021 17.571 27.401
1781.410 2075.963 1.412 1.070 561.353
0.999 14.733
4/19/2016 3:15:00 AM 567900.000 12.025 17.572 27.409
1777.845 2071.801 1.409 1.068 562.479
0.999 14.726
4/19/2016 3:30:00 AM 568800.000 12.024 17.572 27.406
1780.590 2075.000 1.411 1.070 561.612
0.999 14.727
4/19/2016 3:45:00 AM 569700.000 12.018 17.572 27.393
1776.155 2069.827 1.407 1.067 563.014
0.999 14.731

4/19/2016 4:00:00 AM	570600.000	12.012	17.572	27.378	
1777.557	2071.465	1.409	1.068	562.570	
0.999	14.738				
4/19/2016 4:15:00 AM	571500.000	12.020	17.572	27.396	
1779.175	2073.339	1.410	1.069	562.058	
0.999	14.730				
4/19/2016 4:30:00 AM	572400.000	12.027	17.571	27.413	
1777.714	2071.665	1.409	1.068	562.520	
0.999	14.719				
4/19/2016 4:45:00 AM	573300.000	12.020	17.571	27.398	
1777.574	2071.498	1.409	1.068	562.564	
0.999	14.727				
4/19/2016 5:00:00 AM	574200.000	12.021	17.572	27.400	
1778.676	2072.765	1.409	1.068	562.216	
0.999	14.723				
4/19/2016 5:15:00 AM	575100.000	12.021	17.571	27.400	
1781.125	2075.635	1.411	1.070	561.443	
0.999	14.722				
4/19/2016 5:30:00 AM	576000.000	12.023	17.571	27.405	
1778.441	2072.519	1.409	1.068	562.290	
0.999	14.720				
4/19/2016 5:45:00 AM	576900.000	12.028	17.572	27.416	
1777.759	2071.692	1.409	1.068	562.506	
0.999	14.718				
4/19/2016 6:00:00 AM	577800.000	12.035	17.572	27.431	
1781.588	2076.154	1.412	1.070	561.297	
0.999	14.710				
4/19/2016 6:15:00 AM	578700.000	12.022	17.572	27.401	
1783.884	2078.830	1.414	1.072	560.575	
0.999	14.717				
4/19/2016 6:30:00 AM	579600.000	12.025	17.572	27.409	
1781.009	2075.479	1.411	1.070	561.480	
0.999	14.712				
4/19/2016 6:45:00 AM	580500.000	12.023	17.572	27.403	
1781.823	2076.432	1.412	1.070	561.223	
0.999	14.713				
4/19/2016 7:00:00 AM	581400.000	12.026	17.572	27.411	
1779.741	2074.010	1.410	1.069	561.880	
0.999	14.711				
4/19/2016 7:15:00 AM	582300.000	12.018	17.571	27.393	
1777.683	2071.616	1.409	1.068	562.530	
0.999	14.719				
4/19/2016 7:30:00 AM	583200.000	12.025	17.572	27.408	
1776.242	2069.925	1.408	1.067	562.986	
0.999	14.714				
4/19/2016 7:45:00 AM	584100.000	12.022	17.572	27.402	
1772.316	2065.357	1.404	1.064	564.234	
0.999	14.711				
4/19/2016 8:00:00 AM	585000.000	12.019	17.572	27.395	
1779.571	2073.792	1.410	1.069	561.933	
0.999	14.712				
4/19/2016 8:15:00 AM	585900.000	12.017	17.571	27.390	
1778.690	2072.801	1.410	1.068	562.212	
0.999	14.715				
4/19/2016 8:30:00 AM	586800.000	12.016	17.572	27.387	
1777.956	2071.914	1.409	1.068	562.444	

0.999 14.715
4/19/2016 8:45:00 AM 587700.000 12.020 17.571 27.398
1778.443 2072.510 1.409 1.068 562.290
0.999 14.711
4/19/2016 9:00:00 AM 588600.000 12.016 17.571 27.388
1778.118 2072.123 1.409 1.068 562.392
0.999 14.716
4/19/2016 9:15:00 AM 589500.000 12.016 17.571 27.388
1778.969 2073.144 1.410 1.069 562.123
0.999 14.716
4/19/2016 9:30:00 AM 590400.000 12.018 17.571 27.393
1779.848 2074.143 1.410 1.069 561.846
0.999 14.715
4/19/2016 9:45:00 AM 591300.000 12.023 17.572 27.403
1775.975 2069.621 1.407 1.067 563.071
0.999 14.713
4/19/2016 10:00:00 AM 592200.000 12.012 17.572 27.378
1775.576 2069.132 1.407 1.066 563.198
0.999 14.719
4/19/2016 10:15:00 AM 593100.000 12.011 17.570 27.378
1772.616 2065.760 1.405 1.065 564.138
0.999 14.720
4/19/2016 10:30:00 AM 594000.000 12.012 17.572 27.380
1769.476 2062.040 1.402 1.063 565.139
0.999 14.718
4/19/2016 10:45:00 AM 594900.000 12.013 17.572 27.381
1770.410 2063.137 1.403 1.063 564.841
0.999 14.717
4/19/2016 11:00:00 AM 595800.000 12.010 17.572 27.374
1778.644 2072.715 1.409 1.068 562.226
0.999 14.722
4/19/2016 11:15:00 AM 596700.000 12.014 17.571 27.383
1778.701 2072.803 1.410 1.068 562.208
0.999 14.718
4/19/2016 11:30:00 AM 597600.000 12.017 17.571 27.391
1779.119 2073.298 1.410 1.069 562.076
0.999 14.715
4/19/2016 11:45:00 AM 598500.000 12.013 17.571 27.381
1777.281 2071.151 1.408 1.067 562.657
0.999 14.720
4/19/2016 12:00:00 PM 599400.000 12.015 17.572 27.386
1779.031 2073.167 1.410 1.069 562.104
0.999 14.718
4/19/2016 12:15:00 PM 600300.000 12.013 17.572 27.382
1774.865 2068.316 1.406 1.066 563.423
0.999 14.720
4/19/2016 12:30:00 PM 601200.000 12.021 17.571 27.399
1773.017 2066.182 1.405 1.065 564.010
0.999 14.713
4/19/2016 12:45:00 PM 602100.000 12.018 17.571 27.394
1775.655 2069.257 1.407 1.066 563.172
0.999 14.714
4/19/2016 1:00:00 PM 603000.000 12.020 17.572 27.396
1774.830 2068.263 1.406 1.066 563.434
0.999 14.713
4/19/2016 1:15:00 PM 603900.000 12.021 17.572 27.399

1776.208	2069.884	1.408	1.067	562.997	0.999	14.716			
4/19/2016 1:30:00 PM	604800.000	12.014	17.571	27.385	1777.339	2071.215	1.408	1.068	562.639
0.999	14.717								
4/19/2016 1:45:00 PM	605700.000	12.017	17.572	27.391	1775.307	2068.843	1.407	1.066	563.283
0.999	14.714								
4/19/2016 2:00:00 PM	606600.000	12.018	17.571	27.393	1778.911	2073.047	1.410	1.069	562.142
0.999	14.714								
4/19/2016 2:15:00 PM	607500.000	12.014	17.572	27.384	1781.042	2075.523	1.411	1.070	561.469
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4/19/2016 2:30:00 PM	608400.000	12.018	17.572	27.392	1776.106	2069.758	1.407	1.067	563.029
0.999	14.714								
4/19/2016 2:45:00 PM	609300.000	12.017	17.571	27.391	1773.226	2066.438	1.405	1.065	563.944
0.999	14.714								
4/19/2016 3:00:00 PM	610200.000	12.016	17.572	27.388	1769.179	2061.698	1.402	1.062	565.234
0.999	14.715								
4/19/2016 3:15:00 PM	611100.000	12.017	17.572	27.391	1767.388	2059.615	1.401	1.061	565.807
0.999	14.715								
4/19/2016 3:30:00 PM	612000.000	12.019	17.572	27.395	1771.706	2064.643	1.404	1.064	564.428
0.999	14.710								
4/19/2016 3:45:00 PM	612900.000	12.023	17.571	27.404	1770.535	2063.286	1.403	1.063	564.801
0.999	14.707								
4/19/2016 4:00:00 PM	613800.000	12.026	17.571	27.412	1772.148	2065.170	1.404	1.064	564.287
0.999	14.702								
4/19/2016 4:15:00 PM	614700.000	12.023	17.571	27.404	1773.574	2066.844	1.405	1.065	563.833
0.999	14.706								
4/19/2016 4:30:00 PM	615600.000	12.026	17.572	27.411	1777.417	2071.294	1.408	1.068	562.614
0.999	14.701								
4/19/2016 4:45:00 PM	616500.000	12.025	17.571	27.409	1771.085	2063.927	1.403	1.064	564.626
0.999	14.699								
4/19/2016 5:00:00 PM	617400.000	12.027	17.571	27.413	1778.311	2072.347	1.409	1.068	562.331
0.999	14.697								
4/19/2016 5:15:00 PM	618300.000	12.027	17.572	27.414	1778.887	2072.991	1.410	1.068	562.149
0.999	14.700								
4/19/2016 5:30:00 PM	619200.000	12.038	17.571	27.438	1775.215	2068.749	1.407	1.066	563.312
0.999	14.689								
4/19/2016 5:45:00 PM	620100.000	12.031	17.572	27.422	1777.054	2070.863	1.408	1.067	562.729
0.999	14.690								

4/19/2016 6:00:00 PM	621000.000	12.029	17.572	27.417	1778.392	2072.427	1.409	1.068	562.306
0.999	14.689								
4/19/2016 6:15:00 PM	621900.000	12.027	17.572	27.414	1775.761	2069.369	1.407	1.067	563.139
0.999	14.690								
4/19/2016 6:30:00 PM	622800.000	12.028	17.572	27.415	1775.315	2068.824	1.407	1.066	563.280
0.999	14.689								
4/19/2016 6:45:00 PM	623700.000	12.029	17.572	27.418	1773.236	2066.427	1.405	1.065	563.941
0.999	14.687								
4/19/2016 7:00:00 PM	624600.000	12.027	17.572	27.413	1778.527	2072.568	1.409	1.068	562.263
0.999	14.688								
4/19/2016 7:15:00 PM	625500.000	12.022	17.571	27.402	1778.082	2072.085	1.409	1.068	562.404
0.999	14.693								
4/19/2016 7:30:00 PM	626400.000	12.023	17.572	27.404	1773.156	2066.328	1.405	1.065	563.966
0.999	14.690								
4/19/2016 7:45:00 PM	627300.000	12.026	17.572	27.410	1774.455	2067.827	1.406	1.066	563.553
0.999	14.685								
4/19/2016 8:00:00 PM	628200.000	12.019	17.572	27.394	1774.894	2068.342	1.406	1.066	563.414
0.999	14.694								
4/19/2016 8:15:00 PM	629100.000	12.016	17.572	27.388	1778.599	2072.671	1.409	1.068	562.240
0.999	14.698								
4/19/2016 8:30:00 PM	630000.000	12.014	17.572	27.384	1776.254	2069.919	1.408	1.067	562.983
0.999	14.699								
4/19/2016 8:45:00 PM	630900.000	12.017	17.572	27.391	1777.591	2071.489	1.409	1.068	562.559
0.999	14.696								
4/19/2016 9:00:00 PM	631800.000	12.009	17.572	27.371	1777.340	2071.184	1.408	1.068	562.639
0.999	14.706								
4/19/2016 9:15:00 PM	632700.000	12.010	17.572	27.374	1773.697	2066.956	1.406	1.065	563.794
0.999	14.705								
4/19/2016 9:30:00 PM	633600.000	12.008	17.572	27.370	1779.735	2074.000	1.410	1.069	561.881
0.999	14.709								
4/19/2016 9:45:00 PM	634500.000	12.014	17.572	27.383	1782.642	2077.379	1.413	1.071	560.965
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4/19/2016 10:00:00 PM	635400.000	12.009	17.572	27.372	1783.469	2078.323	1.413	1.071	560.705
0.999	14.709								
4/19/2016 10:15:00 PM	636300.000	12.010	17.572	27.374	1780.263	2074.602	1.411	1.069	561.715
0.999	14.710								
4/19/2016 10:30:00 PM	637200.000	12.016	17.572	27.388	1777.235	2071.066	1.408	1.067	562.672

0.999 14.707
4/19/2016 10:45:00 PM 638100.000 12.014 17.572 27.383
1776.816 2070.593 1.408 1.067 562.805
0.999 14.707
4/19/2016 11:00:00 PM 639000.000 12.018 17.571 27.393
1773.580 2066.834 1.405 1.065 563.831
0.999 14.704
4/19/2016 11:15:00 PM 639900.000 12.020 17.571 27.397
1777.722 2071.662 1.409 1.068 562.518
0.999 14.703
4/19/2016 11:30:00 PM 640800.000 12.019 17.572 27.394
1778.267 2072.288 1.409 1.068 562.345
0.999 14.707
4/19/2016 11:45:00 PM 641700.000 12.023 17.571 27.405
1784.477 2079.553 1.414 1.072 560.388
0.999 14.699
4/20/2016 12:00:00 AM 642600.000 12.017 17.572 27.390
1778.873 2072.978 1.410 1.068 562.154
0.999 14.705
4/20/2016 12:15:00 AM 643500.000 12.020 17.571 27.397
1782.898 2077.698 1.413 1.071 560.884
0.999 14.703
4/20/2016 12:30:00 AM 644400.000 12.018 17.572 27.392
1780.810 2075.248 1.411 1.070 561.542
0.999 14.706
4/20/2016 12:45:00 AM 645300.000 12.012 17.572 27.378
1781.079 2075.553 1.411 1.070 561.457
0.999 14.712
4/20/2016 1:00:00 AM 646200.000 12.017 17.572 27.390
1787.390 2082.899 1.416 1.074 559.475
1.000 14.705
4/20/2016 1:15:00 AM 647100.000 12.016 17.572 27.388
1783.575 2078.454 1.413 1.071 560.672
0.999 14.708
4/20/2016 1:30:00 AM 648000.000 12.019 17.572 27.395
1783.589 2078.478 1.413 1.071 560.667
0.999 14.704
4/20/2016 1:45:00 AM 648900.000 12.019 17.572 27.396
1780.088 2074.411 1.411 1.069 561.770
0.999 14.703
4/20/2016 2:00:00 AM 649800.000 12.026 17.572 27.410
1778.171 2072.153 1.409 1.068 562.375
0.999 14.697
4/20/2016 2:15:00 AM 650700.000 12.018 17.572 27.392
1780.170 2074.478 1.411 1.069 561.744
0.999 14.706
4/20/2016 2:30:00 AM 651600.000 12.017 17.572 27.390
1780.309 2074.652 1.411 1.069 561.700
0.999 14.707
4/20/2016 2:45:00 AM 652500.000 12.017 17.572 27.391
1778.728 2072.813 1.410 1.068 562.200
0.999 14.707
4/20/2016 3:00:00 AM 653400.000 12.026 17.572 27.410
1781.660 2076.242 1.412 1.070 561.274
0.999 14.704
4/20/2016 3:15:00 AM 654300.000 12.021 17.571 27.401

1784.275	2079.302	1.414	1.072	560.452	0.999	14.703			
4/20/2016 3:30:00 AM	655200.000	12.021	17.572	27.399	1780.605	2075.014	1.411	1.070	561.607
0.999	14.701								
4/20/2016 3:45:00 AM	656100.000	12.031	17.572	27.423	1783.771	2078.687	1.414	1.072	560.610
0.999	14.694								
4/20/2016 4:00:00 AM	657000.000	12.024	17.572	27.407	1780.991	2075.451	1.411	1.070	561.485
0.999	14.699								
4/20/2016 4:15:00 AM	657900.000	12.019	17.572	27.395	1777.771	2071.698	1.409	1.068	562.502
0.999	14.703								
4/20/2016 4:30:00 AM	658800.000	12.022	17.572	27.402	1776.052	2069.699	1.407	1.067	563.047
0.999	14.700								
4/20/2016 4:45:00 AM	659700.000	12.022	17.572	27.402	1774.438	2067.822	1.406	1.066	563.559
0.999	14.700								
4/20/2016 5:00:00 AM	660600.000	12.022	17.572	27.403	1771.970	2064.946	1.404	1.064	564.344
0.999	14.700								
4/20/2016 5:15:00 AM	661500.000	12.020	17.571	27.398	1773.544	2066.796	1.405	1.065	563.843
0.999	14.702								
4/20/2016 5:30:00 AM	662400.000	12.017	17.572	27.390	1773.759	2067.039	1.406	1.065	563.775
0.999	14.707								
4/20/2016 5:45:00 AM	663300.000	12.026	17.572	27.410	1780.724	2075.136	1.411	1.070	561.569
0.999	14.697								
4/20/2016 6:00:00 AM	664200.000	12.022	17.571	27.403	1775.751	2069.377	1.407	1.067	563.142
0.999	14.698								
4/20/2016 6:15:00 AM	665100.000	12.023	17.572	27.404	1781.187	2075.683	1.411	1.070	561.424
0.999	14.699								
4/20/2016 6:30:00 AM	666000.000	12.022	17.572	27.402	1778.018	2071.966	1.409	1.068	562.424
0.999	14.700								
4/20/2016 6:45:00 AM	666900.000	12.014	17.572	27.384	1773.277	2066.474	1.405	1.065	563.928
0.999	14.707								
4/20/2016 7:00:00 AM	667800.000	12.020	17.572	27.396	1776.007	2069.647	1.407	1.067	563.061
0.999	14.704								
4/20/2016 7:15:00 AM	668700.000	12.017	17.571	27.391	1780.878	2075.339	1.411	1.070	561.521
0.999	14.706								
4/20/2016 7:30:00 AM	669600.000	12.022	17.572	27.403	1776.867	2070.625	1.408	1.067	562.788
0.999	14.700								
4/20/2016 7:45:00 AM	670500.000	12.018	17.572	27.393	1777.145	2070.952	1.408	1.067	562.700
0.999	14.706								

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1773.548 2066.789 1.405 1.065 563.842
0.999 14.707
4/20/2016 8:15:00 AM 672300.000 12.011 17.572 27.378
1780.133 2074.455 1.411 1.069 561.756
0.999 14.711
4/20/2016 8:30:00 AM 673200.000 12.014 17.572 27.385
1778.560 2072.630 1.409 1.068 562.253
0.999 14.710
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1776.498 2070.203 1.408 1.067 562.905
0.999 14.708
4/20/2016 9:00:00 AM 675000.000 12.017 17.571 27.392
1778.432 2072.489 1.409 1.068 562.293
0.999 14.709
4/20/2016 9:15:00 AM 675900.000 12.013 17.571 27.381
1778.621 2072.721 1.409 1.068 562.233
0.999 14.713
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1771.971 2064.920 1.404 1.064 564.343
0.999 14.713
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1773.750 2067.018 1.406 1.065 563.777
0.999 14.722
4/20/2016 10:00:00 AM 678600.000 12.016 17.572 27.388
1774.615 2068.028 1.406 1.066 563.503
0.999 14.715
4/20/2016 10:15:00 AM 679500.000 12.016 17.572 27.389
1776.512 2070.219 1.408 1.067 562.901
0.999 14.714
4/20/2016 10:30:00 AM 680400.000 12.022 17.572 27.401
1780.112 2074.431 1.411 1.069 561.762
0.999 14.710
4/20/2016 10:45:00 AM 681300.000 12.015 17.571 27.386
1776.114 2069.796 1.407 1.067 563.027
0.999 14.719
4/20/2016 11:00:00 AM 682200.000 12.016 17.572 27.389
1778.500 2072.560 1.409 1.068 562.272
0.999 14.720
4/20/2016 11:15:00 AM 683100.000 12.010 17.572 27.373
1775.520 2069.072 1.407 1.066 563.215
0.999 14.723
4/20/2016 11:30:00 AM 684000.000 12.019 17.572 27.394
1774.220 2067.576 1.406 1.066 563.628
0.999 14.715
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1776.030 2069.670 1.407 1.067 563.053
0.999 14.713
4/20/2016 12:00:00 PM 685800.000 12.014 17.571 27.384
1776.597 2070.362 1.408 1.067 562.874
0.999 14.720
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1777.354 2071.213 1.408 1.068 562.634
0.999 14.717
4/20/2016 12:30:00 PM 687600.000 12.017 17.572 27.390
1777.900 2071.849 1.409 1.068 562.461

0.999 14.718
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1776.242 2069.901 1.408 1.067 562.986
0.999 14.715
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1776.915 2070.709 1.408 1.067 562.773
0.999 14.717
4/20/2016 1:15:00 PM 690300.000 12.018 17.571 27.393
1774.760 2068.210 1.406 1.066 563.456
0.999 14.719
4/20/2016 1:30:00 PM 691200.000 12.017 17.572 27.391
1771.010 2063.827 1.403 1.064 564.650
0.999 14.720
4/20/2016 1:45:00 PM 692100.000 12.022 17.572 27.401
1771.698 2064.634 1.404 1.064 564.430
0.999 14.717
4/20/2016 2:00:00 PM 693000.000 12.025 17.572 27.408
1773.901 2067.181 1.406 1.065 563.729
0.999 14.712
4/20/2016 2:15:00 PM 693900.000 12.022 17.571 27.402
1775.049 2068.550 1.407 1.066 563.365
0.999 14.715
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1771.981 2064.959 1.404 1.064 564.340
0.999 14.714
4/20/2016 2:45:00 PM 695700.000 12.032 17.572 27.425
1770.211 2062.889 1.403 1.063 564.904
0.999 14.705
4/20/2016 3:00:00 PM 696600.000 12.025 17.573 27.409
1772.352 2065.351 1.404 1.064 564.222
0.999 14.711
4/20/2016 3:15:00 PM 697500.000 12.020 17.572 27.397
1771.223 2064.068 1.404 1.064 564.582
0.999 14.715
4/20/2016 3:30:00 PM 698400.000 12.026 17.572 27.410
1771.280 2064.142 1.404 1.064 564.564
0.999 14.710
4/20/2016 3:45:00 PM 699300.000 12.029 17.572 27.417
1772.666 2065.754 1.405 1.065 564.122
0.999 14.706
4/20/2016 4:00:00 PM 700200.000 12.029 17.572 27.418
1773.647 2066.889 1.405 1.065 563.810
0.999 14.706
4/20/2016 4:15:00 PM 701100.000 12.024 17.572 27.407
1777.842 2071.777 1.409 1.068 562.480
0.999 14.709
4/20/2016 4:30:00 PM 702000.000 12.032 17.572 27.424
1774.243 2067.579 1.406 1.066 563.621
0.999 14.705
4/20/2016 4:45:00 PM 702900.000 12.026 17.572 27.410
1775.338 2068.847 1.407 1.066 563.273
0.999 14.706
4/20/2016 5:00:00 PM 703800.000 12.028 17.572 27.416
1773.106 2066.250 1.405 1.065 563.982
0.999 14.703
4/20/2016 5:15:00 PM 704700.000 12.024 17.571 27.406

1774.254	2067.632	1.406	1.066	563.617	
0.999	14.706				
4/20/2016 5:30:00 PM	705600.000	12.038	17.572	27.439	
1775.539	2069.113	1.407	1.066	563.209	
0.999	14.696				
4/20/2016 5:45:00 PM	706500.000	12.031	17.572	27.423	
1773.244	2066.407	1.405	1.065	563.938	
0.999	14.699				
4/20/2016 6:00:00 PM	707400.000	12.024	17.572	27.406	
1773.402	2066.607	1.405	1.065	563.888	
0.999	14.704				
4/20/2016 6:15:00 PM	708300.000	12.026	17.571	27.410	
1770.037	2062.714	1.403	1.063	564.960	
0.999	14.703				
4/20/2016 6:30:00 PM	709200.000	12.026	17.572	27.410	
1769.020	2061.484	1.402	1.062	565.285	
0.999	14.702				
4/20/2016 6:45:00 PM	710100.000	12.027	17.572	27.414	
1773.797	2067.052	1.406	1.065	563.762	
0.999	14.701				
4/20/2016 7:00:00 PM	711000.000	12.027	17.572	27.413	
1776.063	2069.701	1.407	1.067	563.043	
0.999	14.701				
4/20/2016 7:15:00 PM	711900.000	12.021	17.572	27.399	
1777.630	2071.534	1.409	1.068	562.547	
0.999	14.706				
4/20/2016 7:30:00 PM	712800.000	12.028	17.572	27.416	
1775.376	2068.919	1.407	1.066	563.261	
0.999	14.699				
4/20/2016 7:45:00 PM	713700.000	12.020	17.572	27.398	
1775.371	2068.906	1.407	1.066	563.263	
0.999	14.705				
4/20/2016 8:00:00 PM	714600.000	12.029	17.572	27.418	
1776.340	2070.019	1.408	1.067	562.955	
0.999	14.697				
4/20/2016 8:15:00 PM	715500.000	12.028	17.572	27.414	
1774.999	2068.457	1.407	1.066	563.381	
0.999	14.699				
4/20/2016 8:30:00 PM	716400.000	12.026	17.572	27.410	
1778.557	2072.595	1.409	1.068	562.253	
0.999	14.700				
4/20/2016 8:45:00 PM	717300.000	12.023	17.571	27.404	
1777.788	2071.742	1.409	1.068	562.497	
0.999	14.703				
4/20/2016 9:00:00 PM	718200.000	12.012	17.572	27.379	
1772.962	2066.078	1.405	1.065	564.028	
0.999	14.714				
4/20/2016 9:15:00 PM	719100.000	12.020	17.572	27.397	
1772.517	2065.589	1.405	1.064	564.169	
0.999	14.708				
4/20/2016 9:30:00 PM	720000.000	12.018	17.572	27.393	
1777.465	2071.354	1.409	1.068	562.599	
0.999	14.711				
4/20/2016 9:45:00 PM	720900.000	12.021	17.572	27.399	
1774.954	2068.428	1.407	1.066	563.395	
0.999	14.708				

4/20/2016 10:00:00 PM 721800.000 12.020 17.572 27.398
1771.753 2064.666 1.404 1.064 564.413
0.999 14.709
4/20/2016 10:15:00 PM 722700.000 12.014 17.572 27.383
1778.259 2072.267 1.409 1.068 562.348
0.999 14.715
4/20/2016 10:30:00 PM 723600.000 12.017 17.572 27.390
1780.425 2074.780 1.411 1.069 561.664
0.999 14.713
4/20/2016 10:45:00 PM 724500.000 12.020 17.572 27.397
1777.370 2071.219 1.408 1.068 562.629
0.999 14.711
4/20/2016 11:00:00 PM 725400.000 12.021 17.572 27.400
1779.333 2073.515 1.410 1.069 562.008
0.999 14.710
4/20/2016 11:15:00 PM 726300.000 12.023 17.572 27.404
1781.667 2076.246 1.412 1.070 561.272
0.999 14.710
4/20/2016 11:30:00 PM 727200.000 12.023 17.572 27.405
1786.318 2081.671 1.416 1.073 559.811
1.000 14.708
4/20/2016 11:45:00 PM 728100.000 12.028 17.572 27.415
1780.743 2075.137 1.411 1.070 561.563
0.999 14.703

Report Date: 4/22/2016 8:22:20 AM
Report User Name: KMakar
Report Computer Name: WKST46
Application: WinSitu.exe
Application Version: 5.6.25.0

Log File Properties:
File Name: MPWSP MW-8D LT Test_2016-04-21_13-22-47-876-BaroMerge.wsl
Create Date: 4/22/2016 8:12:46 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
4/22/2016 8:12:46 AM	User Note: "Pressure & Level adjusted by baro data from: "MPWSP BaroTroll Pre Test_Append_2016-04-21_18-56-38-301.wsl""

Log Data:
Record Count: 864
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: PCTD(A) 658.7ft Sensor: PCTD(A) 658.7ft Sensor: PCTD(A) 658.7ft Sensor: PCTD(A) 658.7ft Sensor: Baro-Adj Calc
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)	Temperature (C)	Corrected Depth (ft)
Actual Conductivity (µS)	Specific Conductivity (µS)	Salinity (PSU)	Total Dissolved Solids (ppm)	

Resistivity (ohm-cm)	Water Density (g/cm3)	Barometric Pressure (PSI)		
4/14/2016 12:00:00 AM	124200.000	131.857	20.365	300.544
11854.552	13005.968	7.568	8844.059	84.356
1.004	14.791			
4/14/2016 12:15:00 AM	125100.000	131.852	20.373	300.531
11852.190	13001.280	7.565	8840.872	84.373
1.004	14.795			
4/14/2016 12:30:00 AM	126000.000	131.851	20.375	300.528
11851.629	13000.145	7.564	8840.100	84.377
1.004	14.793			
4/14/2016 12:45:00 AM	126900.000	131.854	20.376	300.536
11849.405	12997.205	7.563	8838.101	84.392
1.004	14.791			
4/14/2016 1:00:00 AM	127800.000	131.857	20.379	300.542
11852.241	12999.506	7.564	8839.664	84.372
1.004	14.794			
4/14/2016 1:15:00 AM	128700.000	131.851	20.375	300.529
11850.489	12998.799	7.564	8839.184	84.385
1.004	14.803			
4/14/2016 1:30:00 AM	129600.000	131.851	20.379	300.530
11850.521	12997.619	7.563	8838.381	84.384
1.004	14.799			
4/14/2016 1:45:00 AM	130500.000	131.863	20.377	300.557
11848.204	12995.840	7.562	8837.172	84.401
1.004	14.796			
4/14/2016 2:00:00 AM	131400.000	131.855	20.374	300.538
11847.882	12996.080	7.562	8837.336	84.403
1.004	14.802			
4/14/2016 2:15:00 AM	132300.000	131.855	20.377	300.538
11849.372	12996.979	7.562	8837.947	84.393
1.004	14.792			
4/14/2016 2:30:00 AM	133200.000	131.863	20.379	300.555
11849.528	12996.652	7.562	8837.724	84.392
1.004	14.790			
4/14/2016 2:45:00 AM	134100.000	131.869	20.380	300.570
11846.226	12992.861	7.560	8835.146	84.415
1.004	14.787			
4/14/2016 3:00:00 AM	135000.000	131.868	20.372	300.567
11844.832	12993.425	7.560	8835.529	84.425
1.004	14.786			
4/14/2016 3:15:00 AM	135900.000	131.881	20.374	300.597
11846.992	12995.127	7.561	8836.688	84.410
1.004	14.785			
4/14/2016 3:30:00 AM	136800.000	131.889	20.367	300.617
11845.638	12995.733	7.562	8837.099	84.419
1.004	14.781			
4/14/2016 3:45:00 AM	137700.000	131.885	20.375	300.606
11848.267	12996.288	7.562	8837.476	84.401
1.004	14.782			
4/14/2016 4:00:00 AM	138600.000	131.895	20.373	300.630
11846.106	12994.606	7.561	8836.332	84.416
1.004	14.777			
4/14/2016 4:15:00 AM	139500.000	131.899	20.381	300.640

11847.379	12993.795	7.560	8835.781	84.407
1.004	14.774			
4/14/2016 4:30:00 AM	140400.000	131.901	20.377	300.642
11846.136	12993.523	7.560	8835.596	84.416
1.004	14.772			
4/14/2016 4:45:00 AM	141300.000	131.908	20.373	300.659
11847.935	12996.375	7.562	8837.536	84.403
1.004	14.767			
4/14/2016 5:00:00 AM	142200.000	131.919	20.375	300.685
11844.913	12992.609	7.560	8834.976	84.424
1.004	14.766			
4/14/2016 5:15:00 AM	143100.000	131.919	20.379	300.684
11851.270	12998.439	7.563	8838.938	84.379
1.004	14.765			
4/14/2016 5:30:00 AM	144000.000	131.920	20.374	300.687
11848.804	12997.091	7.563	8838.022	84.397
1.004	14.773			
4/14/2016 5:45:00 AM	144900.000	131.928	20.371	300.704
11848.191	12997.205	7.563	8838.101	84.401
1.004	14.764			
4/14/2016 6:00:00 AM	145800.000	131.933	20.371	300.717
11851.574	13000.916	7.565	8840.624	84.377
1.004	14.769			
4/14/2016 6:15:00 AM	146700.000	131.930	20.363	300.709
11847.304	12998.439	7.563	8838.938	84.407
1.004	14.770			
4/14/2016 6:30:00 AM	147600.000	131.939	20.372	300.730
11848.808	12997.665	7.563	8838.412	84.397
1.004	14.766			
4/14/2016 6:45:00 AM	148500.000	131.933	20.377	300.716
11850.473	12998.210	7.563	8838.783	84.385
1.004	14.784			
4/14/2016 7:00:00 AM	149400.000	131.943	20.375	300.739
11850.545	12998.906	7.564	8839.256	84.384
1.004	14.783			
4/14/2016 7:15:00 AM	150300.000	131.941	20.373	300.735
11847.502	12996.066	7.562	8837.326	84.406
1.004	14.780			
4/14/2016 7:30:00 AM	151200.000	131.934	20.381	300.717
11850.443	12997.060	7.563	8838.001	84.385
1.004	14.793			
4/14/2016 7:45:00 AM	152100.000	131.934	20.378	300.719
11849.646	12996.993	7.562	8837.955	84.391
1.004	14.788			
4/14/2016 8:00:00 AM	153000.000	131.959	20.378	300.775
11852.688	13000.425	7.565	8840.289	84.369
1.004	14.793			
4/14/2016 8:15:00 AM	153900.000	131.931	20.367	300.712
11845.829	12995.968	7.562	8837.259	84.418
1.004	14.803			
4/14/2016 8:30:00 AM	154800.000	131.920	20.374	300.686
11845.908	12993.985	7.561	8835.911	84.417
1.004	14.801			
4/14/2016 8:45:00 AM	155700.000	131.918	20.367	300.681
11849.810	13000.075	7.564	8840.052	84.390
1.004	14.807			

4/14/2016 9:00:00 AM	156600.000	131.961	20.381	300.780
11848.508	12994.843	7.561	8836.493	84.399
1.004	14.799			
4/14/2016 9:15:00 AM	157500.000	131.924	20.376	300.696
11849.473	12997.372	7.563	8838.213	84.392
1.004	14.802			
4/14/2016 9:30:00 AM	158400.000	131.912	20.379	300.667
11848.175	12995.192	7.561	8836.730	84.401
1.004	14.804			
4/14/2016 9:45:00 AM	159300.000	131.896	20.378	300.632
11850.036	12997.376	7.563	8838.216	84.388
1.004	14.804			
4/14/2016 10:00:00 AM	160200.000	131.892	20.380	300.623
11849.590	12996.290	7.562	8837.478	84.391
1.004	14.808			
4/14/2016 10:15:00 AM	161100.000	131.900	20.367	300.640
11844.259	12994.127	7.561	8836.007	84.429
1.004	14.803			
4/14/2016 10:30:00 AM	162000.000	131.880	20.369	300.595
11846.925	12996.601	7.562	8837.688	84.410
1.004	14.803			
4/14/2016 10:45:00 AM	162900.000	131.874	20.376	300.581
11851.566	12999.646	7.564	8839.759	84.377
1.004	14.809			
4/14/2016 11:00:00 AM	163800.000	131.862	20.376	300.554
11850.501	12998.406	7.563	8838.917	84.385
1.004	14.810			
4/14/2016 11:15:00 AM	164700.000	131.852	20.377	300.531
11849.897	12997.556	7.563	8838.338	84.389
1.004	14.810			
4/14/2016 11:30:00 AM	165600.000	131.837	20.367	300.498
11847.913	12998.207	7.563	8838.781	84.403
1.004	14.819			
4/14/2016 11:45:00 AM	166500.000	131.835	20.378	300.492
11850.907	12998.306	7.563	8838.848	84.382
1.004	14.811			
4/14/2016 12:00:00 PM	167400.000	131.827	20.388	300.475
11855.615	13000.735	7.565	8840.501	84.348
1.004	14.811			
4/14/2016 12:15:00 PM	168300.000	131.826	20.380	300.473
11851.814	12998.873	7.564	8839.233	84.375
1.004	14.807			
4/14/2016 12:30:00 PM	169200.000	131.815	20.381	300.448
11854.973	13001.959	7.566	8841.332	84.353
1.004	14.808			
4/14/2016 12:45:00 PM	170100.000	131.810	20.379	300.436
11854.061	13001.549	7.565	8841.054	84.359
1.004	14.804			
4/14/2016 1:00:00 PM	171000.000	131.796	20.372	300.404
11851.920	13001.271	7.565	8840.865	84.375
1.004	14.813			
4/14/2016 1:15:00 PM	171900.000	131.792	20.376	300.393
11857.896	13006.519	7.568	8844.433	84.332
1.004	14.806			
4/14/2016 1:30:00 PM	172800.000	131.788	20.376	300.385
11855.828	13004.392	7.567	8842.987	84.347

1.004	14.805			
4/14/2016 1:45:00 PM	173700.000	131.789	20.381	300.388
11861.852	13009.690	7.570	8846.590	84.304
1.004	14.799			
4/14/2016 2:00:00 PM	174600.000	131.796	20.382	300.405
11860.286	13007.688	7.569	8845.229	84.315
1.004	14.796			
4/14/2016 2:15:00 PM	175500.000	131.784	20.378	300.375
11862.805	13011.426	7.572	8847.770	84.297
1.004	14.792			
4/14/2016 2:30:00 PM	176400.000	131.778	20.375	300.363
11862.476	13011.803	7.572	8848.027	84.299
1.004	14.806			
4/14/2016 2:45:00 PM	177300.000	131.779	20.377	300.366
11866.915	13016.126	7.575	8850.967	84.268
1.004	14.794			
4/14/2016 3:00:00 PM	178200.000	131.776	20.380	300.357
11874.257	13023.487	7.579	8855.973	84.216
1.004	14.802			
4/14/2016 3:15:00 PM	179100.000	131.790	20.385	300.391
11874.171	13021.963	7.578	8854.935	84.216
1.004	14.794			
4/14/2016 3:30:00 PM	180000.000	131.780	20.372	300.367
11874.378	13025.813	7.581	8857.554	84.215
1.004	14.793			
4/14/2016 3:45:00 PM	180900.000	131.784	20.375	300.377
11880.554	13031.800	7.584	8861.625	84.171
1.004	14.793			
4/14/2016 4:00:00 PM	181800.000	131.789	20.375	300.387
11880.354	13031.604	7.584	8861.490	84.173
1.004	14.791			
4/14/2016 4:15:00 PM	182700.000	131.794	20.382	300.398
11883.390	13032.978	7.585	8862.425	84.151
1.004	14.789			
4/14/2016 4:30:00 PM	183600.000	131.796	20.379	300.405
11883.839	13034.284	7.586	8863.313	84.148
1.004	14.786			
4/14/2016 4:45:00 PM	184500.000	131.802	20.385	300.416
11885.562	13034.407	7.586	8863.397	84.136
1.004	14.783			
4/14/2016 5:00:00 PM	185400.000	131.829	20.375	300.479
11883.596	13034.946	7.586	8863.764	84.150
1.004	14.777			
4/14/2016 5:15:00 PM	186300.000	131.827	20.385	300.475
11889.430	13038.866	7.589	8866.430	84.108
1.004	14.781			
4/14/2016 5:30:00 PM	187200.000	131.815	20.383	300.448
11891.349	13041.423	7.590	8868.169	84.095
1.004	14.785			
4/14/2016 5:45:00 PM	188100.000	131.868	20.383	300.567
11892.910	13043.136	7.592	8869.332	84.084
1.004	14.785			
4/14/2016 6:00:00 PM	189000.000	131.846	20.380	300.518
11896.091	13047.361	7.594	8872.207	84.061
1.004	14.784			
4/14/2016 6:15:00 PM	189900.000	131.851	20.384	300.528

11897.855	13048.129	7.595	8872.729	84.049
1.004	14.786			
4/14/2016 6:30:00 PM	190800.000	131.860	20.383	300.550
11899.395	13050.318	7.596	8874.217	84.038
1.004	14.782			
4/14/2016 6:45:00 PM	191700.000	131.865	20.381	300.561
11899.271	13050.730	7.596	8874.497	84.039
1.004	14.787			
4/14/2016 7:00:00 PM	192600.000	131.872	20.377	300.577
11898.971	13051.309	7.597	8874.891	84.041
1.004	14.785			
4/14/2016 7:15:00 PM	193500.000	131.880	20.380	300.594
11903.830	13056.019	7.600	8878.093	84.007
1.004	14.783			
4/14/2016 7:30:00 PM	194400.000	131.895	20.378	300.629
11904.328	13057.066	7.600	8878.806	84.003
1.004	14.781			
4/14/2016 7:45:00 PM	195300.000	131.906	20.374	300.656
11905.040	13058.755	7.601	8879.953	83.998
1.004	14.785			
4/14/2016 8:00:00 PM	196200.000	131.895	20.377	300.630
11903.233	13056.080	7.600	8878.135	84.011
1.004	14.791			
4/14/2016 8:15:00 PM	197100.000	131.907	20.373	300.657
11903.171	13057.038	7.600	8878.786	84.011
1.004	14.792			
4/14/2016 8:30:00 PM	198000.000	131.904	20.370	300.651
11904.379	13059.365	7.602	8880.368	84.003
1.004	14.788			
4/14/2016 8:45:00 PM	198900.000	131.924	20.379	300.697
11903.974	13056.293	7.600	8878.279	84.006
1.004	14.788			
4/14/2016 9:00:00 PM	199800.000	131.946	20.372	300.746
11904.730	13058.962	7.601	8880.095	84.000
1.004	14.795			
4/14/2016 9:15:00 PM	200700.000	131.925	20.386	300.699
11906.553	13057.235	7.600	8878.921	83.987
1.004	14.794			
4/14/2016 9:30:00 PM	201600.000	131.931	20.384	300.712
11907.411	13058.728	7.601	8879.936	83.981
1.004	14.797			
4/14/2016 9:45:00 PM	202500.000	131.925	20.379	300.698
11905.205	13057.573	7.601	8879.149	83.997
1.004	14.804			
4/14/2016 10:00:00 PM	203400.000	131.934	20.368	300.718
11900.260	13055.181	7.599	8877.522	84.032
1.004	14.810			
4/14/2016 10:15:00 PM	204300.000	131.941	20.378	300.735
11904.577	13057.243	7.600	8878.927	84.001
1.004	14.804			
4/14/2016 10:30:00 PM	205200.000	131.933	20.381	300.716
11902.187	13053.786	7.598	8876.574	84.018
1.004	14.805			
4/14/2016 10:45:00 PM	206100.000	131.935	20.373	300.721
11899.702	13053.305	7.598	8876.247	84.036
1.004	14.799			

4/14/2016 11:00:00 PM	207000.000	131.928	20.376	300.704
11900.069	13052.776	7.598	8875.888	84.033
1.004	14.802			
4/14/2016 11:15:00 PM	207900.000	131.939	20.379	300.730
11902.019	13054.295	7.599	8876.922	84.019
1.004	14.802			
4/14/2016 11:30:00 PM	208800.000	131.940	20.373	300.732
11899.871	13053.369	7.598	8876.291	84.035
1.004	14.793			
4/14/2016 11:45:00 PM	209700.000	131.941	20.376	300.733
11900.362	13053.098	7.598	8876.107	84.031
1.004	14.797			
4/15/2016 12:00:00 AM	210600.000	131.943	20.374	300.739
11899.807	13053.134	7.598	8876.131	84.035
1.004	14.799			
4/15/2016 12:15:00 AM	211500.000	131.931	20.377	300.711
11897.306	13049.505	7.595	8873.664	84.053
1.004	14.795			
4/15/2016 12:30:00 AM	212400.000	131.937	20.373	300.724
11894.852	13048.031	7.595	8872.661	84.070
1.004	14.791			
4/15/2016 12:45:00 AM	213300.000	131.931	20.375	300.712
11896.024	13048.747	7.595	8873.148	84.062
1.004	14.799			
4/15/2016 1:00:00 AM	214200.000	131.938	20.381	300.729
11897.922	13049.276	7.595	8873.509	84.048
1.004	14.798			
4/15/2016 1:15:00 AM	215100.000	131.929	20.378	300.707
11893.767	13045.411	7.593	8870.880	84.078
1.004	14.804			
4/15/2016 1:30:00 AM	216000.000	131.930	20.381	300.708
11894.919	13045.861	7.593	8871.187	84.070
1.004	14.802			
4/15/2016 1:45:00 AM	216900.000	131.921	20.386	300.690
11896.478	13046.282	7.594	8871.473	84.058
1.004	14.799			
4/15/2016 2:00:00 AM	217800.000	131.953	20.377	300.761
11892.405	13044.322	7.592	8870.140	84.087
1.004	14.794			
4/15/2016 2:15:00 AM	218700.000	131.936	20.383	300.723
11895.438	13045.883	7.593	8871.200	84.066
1.004	14.792			
4/15/2016 2:30:00 AM	219600.000	131.961	20.374	300.779
11892.572	13045.198	7.593	8870.736	84.086
1.004	14.789			
4/15/2016 2:45:00 AM	220500.000	131.944	20.375	300.741
11894.947	13047.565	7.594	8872.345	84.069
1.004	14.786			
4/15/2016 3:00:00 AM	221400.000	131.939	20.377	300.730
11894.735	13046.711	7.594	8871.765	84.071
1.004	14.786			
4/15/2016 3:15:00 AM	222300.000	131.967	20.384	300.794
11892.918	13042.785	7.591	8869.094	84.084
1.004	14.789			
4/15/2016 3:30:00 AM	223200.000	131.943	20.375	300.738
11889.599	13041.554	7.590	8868.258	84.107

1.004 14.785
4/15/2016 3:45:00 AM 224100.000 131.963 20.376 300.785
11890.595 13042.526 7.591 8868.918 84.100
1.004 14.779
4/15/2016 4:00:00 AM 225000.000 131.968 20.372 300.796
11886.697 13039.304 7.589 8866.727 84.128
1.004 14.783
4/15/2016 4:15:00 AM 225900.000 131.962 20.379 300.783
11888.881 13039.765 7.589 8867.041 84.112
1.004 14.783
4/15/2016 4:30:00 AM 226800.000 131.994 20.380 300.855
11890.631 13041.518 7.590 8868.232 84.100
1.004 14.789
4/15/2016 4:45:00 AM 227700.000 131.976 20.383 300.814
11889.804 13039.633 7.589 8866.951 84.106
1.004 14.783
4/15/2016 5:00:00 AM 228600.000 131.974 20.378 300.808
11891.679 13043.121 7.591 8869.323 84.092
1.004 14.785
4/15/2016 5:15:00 AM 229500.000 131.977 20.387 300.816
11892.925 13042.007 7.591 8868.564 84.084
1.004 14.787
4/15/2016 5:30:00 AM 230400.000 131.992 20.382 300.850
11891.834 13042.120 7.591 8868.642 84.091
1.004 14.787
4/15/2016 5:45:00 AM 231300.000 132.003 20.378 300.875
11891.343 13042.704 7.591 8869.039 84.095
1.004 14.788
4/15/2016 6:00:00 AM 232200.000 131.996 20.378 300.859
11891.094 13042.573 7.591 8868.951 84.097
1.004 14.789
4/15/2016 6:15:00 AM 233100.000 132.008 20.377 300.887
11891.592 13043.405 7.592 8869.517 84.093
1.004 14.790
4/15/2016 6:30:00 AM 234000.000 132.010 20.382 300.892
11893.365 13043.968 7.592 8869.898 84.080
1.004 14.786
4/15/2016 6:45:00 AM 234900.000 132.011 20.381 300.893
11897.213 13048.428 7.595 8872.932 84.053
1.004 14.789
4/15/2016 7:00:00 AM 235800.000 132.009 20.375 300.890
11892.639 13044.938 7.593 8870.558 84.086
1.004 14.791
4/15/2016 7:15:00 AM 236700.000 132.049 20.383 300.979
11893.700 13043.905 7.592 8869.855 84.078
1.004 14.794
4/15/2016 7:30:00 AM 237600.000 132.013 20.384 300.897
11896.479 13046.857 7.594 8871.863 84.058
1.004 14.797
4/15/2016 7:45:00 AM 238500.000 132.012 20.381 300.897
11892.735 13043.443 7.592 8869.542 84.085
1.004 14.800
4/15/2016 8:00:00 AM 239400.000 132.019 20.379 300.912
11893.767 13045.098 7.593 8870.666 84.078
1.004 14.801
4/15/2016 8:15:00 AM 240300.000 132.016 20.381 300.906

11894.156	13044.908	7.593	8870.539	84.075
1.004	14.800			
4/15/2016 8:30:00 AM	241200.000	132.056	20.378	300.997
11892.142	13043.558	7.592	8869.619	84.089
1.004	14.798			
4/15/2016 8:45:00 AM	242100.000	132.028	20.380	300.932
11892.427	13043.439	7.592	8869.539	84.087
1.004	14.797			
4/15/2016 9:00:00 AM	243000.000	132.023	20.379	300.921
11893.400	13044.722	7.592	8870.412	84.080
1.004	14.792			
4/15/2016 9:15:00 AM	243900.000	132.019	20.376	300.912
11890.428	13042.368	7.591	8868.811	84.101
1.004	14.798			
4/15/2016 9:30:00 AM	244800.000	132.022	20.378	300.919
11888.704	13039.737	7.589	8867.021	84.113
1.004	14.794			
4/15/2016 9:45:00 AM	245700.000	132.004	20.388	300.879
11893.893	13042.854	7.591	8869.141	84.077
1.004	14.795			
4/15/2016 10:00:00 AM	246600.000	132.001	20.383	300.870
11894.068	13044.428	7.592	8870.212	84.076
1.004	14.794			
4/15/2016 10:15:00 AM	247500.000	131.993	20.382	300.853
11892.750	13043.220	7.592	8869.391	84.085
1.004	14.800			
4/15/2016 10:30:00 AM	248400.000	131.985	20.379	300.836
11889.730	13040.601	7.590	8867.609	84.106
1.004	14.799			
4/15/2016 10:45:00 AM	249300.000	131.985	20.376	300.836
11889.174	13040.919	7.590	8867.825	84.110
1.004	14.796			
4/15/2016 11:00:00 AM	250200.000	131.969	20.378	300.797
11889.538	13040.796	7.590	8867.741	84.108
1.004	14.807			
4/15/2016 11:15:00 AM	251100.000	131.972	20.380	300.805
11889.291	13039.833	7.589	8867.087	84.109
1.004	14.799			
4/15/2016 11:30:00 AM	252000.000	131.954	20.386	300.763
11889.892	13038.941	7.589	8866.480	84.105
1.004	14.794			
4/15/2016 11:45:00 AM	252900.000	131.937	20.377	300.726
11890.423	13041.980	7.591	8868.548	84.101
1.004	14.796			
4/15/2016 12:00:00 PM	253800.000	131.928	20.383	300.704
11888.331	13038.088	7.588	8865.900	84.116
1.004	14.792			
4/15/2016 12:15:00 PM	254700.000	131.916	20.373	300.676
11886.506	13038.708	7.589	8866.321	84.129
1.004	14.793			
4/15/2016 12:30:00 PM	255600.000	131.934	20.379	300.719
11885.680	13036.253	7.587	8864.652	84.135
1.004	14.792			
4/15/2016 12:45:00 PM	256500.000	131.887	20.372	300.611
11884.309	13036.729	7.587	8864.977	84.145
1.004	14.791			

4/15/2016 1:00:00 PM	257400.000	131.875	20.375	300.583
11886.063	13037.701	7.588	8865.637	84.132
1.004	14.790			
4/15/2016 1:15:00 PM	258300.000	131.869	20.383	300.569
11887.395	13037.061	7.588	8865.202	84.123
1.004	14.785			
4/15/2016 1:30:00 PM	259200.000	131.857	20.381	300.544
11889.774	13040.196	7.590	8867.334	84.106
1.004	14.784			
4/15/2016 1:45:00 PM	260100.000	131.843	20.374	300.512
11885.657	13037.564	7.588	8865.544	84.135
1.004	14.786			
4/15/2016 2:00:00 PM	261000.000	131.832	20.378	300.486
11892.345	13043.945	7.592	8869.884	84.088
1.004	14.785			
4/15/2016 2:15:00 PM	261900.000	131.818	20.376	300.453
11889.224	13040.997	7.590	8867.878	84.110
1.004	14.778			
4/15/2016 2:30:00 PM	262800.000	131.809	20.377	300.434
11894.518	13046.592	7.594	8871.684	84.072
1.004	14.781			
4/15/2016 2:45:00 PM	263700.000	131.803	20.383	300.420
11892.074	13042.264	7.591	8868.740	84.090
1.004	14.777			
4/15/2016 3:00:00 PM	264600.000	131.805	20.379	300.425
11895.526	13046.980	7.594	8871.947	84.065
1.004	14.772			
4/15/2016 3:15:00 PM	265500.000	131.778	20.380	300.364
11899.337	13050.995	7.596	8874.677	84.038
1.004	14.781			
4/15/2016 3:30:00 PM	266400.000	131.777	20.376	300.360
11898.992	13051.712	7.597	8875.164	84.041
1.004	14.774			
4/15/2016 3:45:00 PM	267300.000	131.790	20.374	300.390
11901.118	13054.499	7.599	8877.060	84.026
1.004	14.769			
4/15/2016 4:00:00 PM	268200.000	131.767	20.373	300.337
11899.943	13053.663	7.598	8876.491	84.034
1.004	14.767			
4/15/2016 4:15:00 PM	269100.000	131.772	20.376	300.348
11905.820	13059.132	7.602	8880.210	83.993
1.004	14.766			
4/15/2016 4:30:00 PM	270000.000	131.777	20.374	300.360
11906.349	13060.261	7.602	8880.978	83.989
1.004	14.759			
4/15/2016 4:45:00 PM	270900.000	131.769	20.379	300.341
11909.821	13062.782	7.604	8882.692	83.964
1.004	14.756			
4/15/2016 5:00:00 PM	271800.000	131.778	20.376	300.364
11911.902	13065.756	7.606	8884.714	83.950
1.004	14.757			
4/15/2016 5:15:00 PM	272700.000	131.785	20.375	300.378
11915.068	13069.636	7.608	8887.353	83.927
1.004	14.754			
4/15/2016 5:30:00 PM	273600.000	131.780	20.381	300.367
11916.932	13070.055	7.608	8887.638	83.914

1.004 14.758
4/15/2016 5:45:00 PM 274500.000 131.782 20.380 300.372
11919.659 13073.235 7.610 8889.800 83.895
1.004 14.754
4/15/2016 6:00:00 PM 275400.000 131.777 20.382 300.361
11920.386 13073.485 7.611 8889.970 83.890
1.004 14.754
4/15/2016 6:15:00 PM 276300.000 131.788 20.378 300.385
11919.313 13073.550 7.611 8890.014 83.897
1.004 14.757
4/15/2016 6:30:00 PM 277200.000 131.780 20.376 300.368
11925.063 13080.358 7.615 8894.644 83.857
1.004 14.758
4/15/2016 6:45:00 PM 278100.000 131.817 20.380 300.452
11927.755 13082.115 7.616 8895.840 83.838
1.004 14.756
4/15/2016 7:00:00 PM 279000.000 131.795 20.377 300.401
11922.369 13076.996 7.613 8892.357 83.876
1.004 14.753
4/15/2016 7:15:00 PM 279900.000 131.803 20.378 300.419
11929.480 13084.631 7.618 8897.550 83.826
1.004 14.753
4/15/2016 7:30:00 PM 280800.000 131.810 20.386 300.435
11931.914 13085.144 7.618 8897.897 83.809
1.004 14.750
4/15/2016 7:45:00 PM 281700.000 131.814 20.367 300.446
11926.241 13084.188 7.617 8897.248 83.849
1.004 14.760
4/15/2016 8:00:00 PM 282600.000 131.804 20.377 300.421
11931.089 13086.514 7.619 8898.829 83.815
1.004 14.763
4/15/2016 8:15:00 PM 283500.000 131.807 20.376 300.428
11934.969 13091.104 7.622 8901.952 83.787
1.004 14.765
4/15/2016 8:30:00 PM 284400.000 131.817 20.378 300.451
11936.110 13091.829 7.622 8902.445 83.779
1.004 14.772
4/15/2016 8:45:00 PM 285300.000 131.810 20.377 300.436
11937.643 13093.822 7.623 8903.799 83.769
1.004 14.769
4/15/2016 9:00:00 PM 286200.000 131.829 20.377 300.480
11934.766 13090.618 7.621 8901.621 83.789
1.004 14.771
4/15/2016 9:15:00 PM 287100.000 131.827 20.375 300.475
11936.290 13092.866 7.623 8903.149 83.778
1.004 14.779
4/15/2016 9:30:00 PM 288000.000 131.834 20.376 300.489
11939.990 13096.539 7.625 8905.647 83.752
1.004 14.777
4/15/2016 9:45:00 PM 288900.000 131.813 20.379 300.443
11939.481 13095.263 7.624 8904.778 83.756
1.004 14.785
4/15/2016 10:00:00 PM 289800.000 131.821 20.375 300.460
11936.212 13092.899 7.623 8903.173 83.779
1.004 14.785
4/15/2016 10:15:00 PM 290700.000 131.836 20.374 300.494

11936.298	13093.064	7.623	8903.285	83.778
1.004	14.779			
4/15/2016 10:30:00 PM	291600.000	131.829	20.380	300.480
11938.093	13093.382	7.623	8903.501	83.765
1.004	14.778			
4/15/2016 10:45:00 PM	292500.000	131.824	20.376	300.466
11934.455	13090.587	7.621	8901.600	83.791
1.004	14.782			
4/15/2016 11:00:00 PM	293400.000	131.832	20.374	300.486
11935.569	13092.386	7.622	8902.822	83.783
1.004	14.779			
4/15/2016 11:15:00 PM	294300.000	131.828	20.382	300.477
11938.468	13093.337	7.623	8903.469	83.763
1.004	14.780			
4/15/2016 11:30:00 PM	295200.000	131.830	20.385	300.482
11941.737	13096.157	7.625	8905.387	83.740
1.004	14.776			
4/15/2016 11:45:00 PM	296100.000	131.818	20.377	300.454
11936.462	13092.504	7.623	8902.902	83.777
1.004	14.778			
4/16/2016 12:00:00 AM	297000.000	131.824	20.380	300.467
11938.112	13093.427	7.623	8903.531	83.765
1.004	14.776			
4/16/2016 12:15:00 AM	297900.000	131.825	20.375	300.469
11936.065	13092.643	7.623	8902.997	83.780
1.004	14.777			
4/16/2016 12:30:00 AM	298800.000	131.804	20.373	300.423
11934.855	13091.888	7.622	8902.484	83.788
1.004	14.778			
4/16/2016 12:45:00 AM	299700.000	131.817	20.385	300.451
11938.399	13092.353	7.622	8902.801	83.763
1.004	14.775			
4/16/2016 1:00:00 AM	300600.000	131.814	20.367	300.444
11933.146	13091.525	7.622	8902.238	83.800
1.004	14.773			
4/16/2016 1:15:00 AM	301500.000	131.796	20.370	300.403
11932.684	13090.392	7.621	8901.468	83.803
1.004	14.782			
4/16/2016 1:30:00 AM	302400.000	131.802	20.381	300.417
11935.619	13090.621	7.621	8901.623	83.783
1.004	14.778			
4/16/2016 1:45:00 AM	303300.000	131.802	20.375	300.418
11935.111	13091.692	7.622	8902.352	83.786
1.004	14.781			
4/16/2016 2:00:00 AM	304200.000	131.798	20.388	300.409
11935.854	13088.916	7.620	8900.463	83.781
1.004	14.775			
4/16/2016 2:15:00 AM	305100.000	131.791	20.376	300.393
11931.064	13086.845	7.619	8899.056	83.815
1.004	14.773			
4/16/2016 2:30:00 AM	306000.000	131.795	20.381	300.401
11932.460	13086.943	7.619	8899.121	83.805
1.004	14.775			
4/16/2016 2:45:00 AM	306900.000	131.796	20.376	300.403
11928.163	13083.662	7.617	8896.891	83.835
1.004	14.772			

4/16/2016 3:00:00 AM	307800.000	131.798	20.376	300.408
11931.660	13087.498	7.619	8899.500	83.811
1.004	14.764			
4/16/2016 3:15:00 AM	308700.000	131.787	20.382	300.384
11930.888	13084.928	7.618	8897.752	83.816
1.004	14.765			
4/16/2016 3:30:00 AM	309600.000	131.799	20.378	300.411
11931.540	13086.771	7.619	8899.005	83.811
1.004	14.762			
4/16/2016 3:45:00 AM	310500.000	131.793	20.379	300.397
11931.038	13086.025	7.618	8898.498	83.815
1.004	14.761			
4/16/2016 4:00:00 AM	311400.000	131.798	20.374	300.407
11931.220	13087.591	7.619	8899.562	83.814
1.004	14.755			
4/16/2016 4:15:00 AM	312300.000	131.796	20.381	300.405
11934.073	13088.829	7.620	8900.405	83.794
1.004	14.760			
4/16/2016 4:30:00 AM	313200.000	131.796	20.380	300.405
11934.094	13089.020	7.620	8900.533	83.794
1.004	14.762			
4/16/2016 4:45:00 AM	314100.000	131.805	20.383	300.423
11937.275	13091.888	7.622	8902.484	83.771
1.004	14.764			
4/16/2016 5:00:00 AM	315000.000	131.800	20.378	300.413
11935.208	13090.794	7.621	8901.741	83.786
1.004	14.768			
4/16/2016 5:15:00 AM	315900.000	131.803	20.381	300.419
11933.207	13087.785	7.620	8899.694	83.800
1.004	14.764			
4/16/2016 5:30:00 AM	316800.000	131.805	20.378	300.424
11934.296	13089.983	7.621	8901.188	83.792
1.004	14.764			
4/16/2016 5:45:00 AM	317700.000	131.815	20.382	300.448
11938.451	13093.440	7.623	8903.541	83.763
1.004	14.767			
4/16/2016 6:00:00 AM	318600.000	131.819	20.377	300.457
11937.008	13093.029	7.623	8903.260	83.773
1.004	14.763			
4/16/2016 6:15:00 AM	319500.000	131.805	20.384	300.425
11941.293	13095.936	7.625	8905.237	83.743
1.004	14.769			
4/16/2016 6:30:00 AM	320400.000	131.811	20.379	300.438
11940.757	13096.713	7.625	8905.766	83.747
1.004	14.768			
4/16/2016 6:45:00 AM	321300.000	131.827	20.384	300.475
11940.239	13094.634	7.624	8904.352	83.750
1.004	14.763			
4/16/2016 7:00:00 AM	322200.000	131.827	20.374	300.475
11941.586	13099.010	7.627	8907.328	83.741
1.004	14.766			
4/16/2016 7:15:00 AM	323100.000	131.832	20.382	300.486
11941.967	13097.175	7.625	8906.079	83.738
1.004	14.768			
4/16/2016 7:30:00 AM	324000.000	131.813	20.383	300.442
11943.319	13098.442	7.626	8906.940	83.729

1.004 14.779
4/16/2016 7:45:00 AM 324900.000 131.829 20.379 300.480
11945.750 13102.161 7.629 8909.471 83.712
1.004 14.772
4/16/2016 8:00:00 AM 325800.000 131.834 20.377 300.489
11945.860 13102.858 7.629 8909.943 83.711
1.004 14.772
4/16/2016 8:15:00 AM 326700.000 131.841 20.378 300.505
11941.898 13098.348 7.626 8906.878 83.739
1.004 14.776
4/16/2016 8:30:00 AM 327600.000 131.822 20.374 300.462
11944.439 13102.092 7.629 8909.423 83.721
1.004 14.777
4/16/2016 8:45:00 AM 328500.000 131.833 20.382 300.488
11948.424 13104.401 7.630 8910.993 83.693
1.004 14.781
4/16/2016 9:00:00 AM 329400.000 131.822 20.375 300.463
11946.068 13103.735 7.630 8910.541 83.710
1.004 14.777
4/16/2016 9:15:00 AM 330300.000 131.827 20.378 300.474
11948.007 13104.951 7.630 8911.367 83.696
1.004 14.775
4/16/2016 9:30:00 AM 331200.000 131.831 20.376 300.484
11947.240 13104.541 7.630 8911.088 83.701
1.004 14.765
4/16/2016 9:45:00 AM 332100.000 131.820 20.377 300.459
11948.196 13105.518 7.631 8911.753 83.695
1.004 14.772
4/16/2016 10:00:00 AM 333000.000 131.809 20.378 300.434
11948.617 13105.451 7.631 8911.708 83.692
1.004 14.777
4/16/2016 10:15:00 AM 333900.000 131.820 20.378 300.458
11951.528 13108.717 7.633 8913.928 83.671
1.004 14.776
4/16/2016 10:30:00 AM 334800.000 131.831 20.380 300.484
11951.826 13108.516 7.633 8913.792 83.669
1.004 14.775
4/16/2016 10:45:00 AM 335700.000 131.799 20.385 300.411
11954.639 13110.331 7.634 8915.025 83.650
1.004 14.776
4/16/2016 11:00:00 AM 336600.000 131.808 20.376 300.430
11948.922 13106.336 7.631 8912.309 83.690
1.004 14.776
4/16/2016 11:15:00 AM 337500.000 131.789 20.379 300.389
11951.807 13108.805 7.633 8913.988 83.669
1.004 14.776
4/16/2016 11:30:00 AM 338400.000 131.796 20.377 300.404
11947.847 13105.061 7.630 8911.441 83.697
1.004 14.773
4/16/2016 11:45:00 AM 339300.000 131.786 20.374 300.381
11947.148 13105.087 7.630 8911.459 83.702
1.004 14.773
4/16/2016 12:00:00 PM 340200.000 131.790 20.387 300.389
11952.903 13107.780 7.632 8913.291 83.662
1.004 14.768
4/16/2016 12:15:00 PM 341100.000 131.775 20.380 300.355

11951.788	13108.568	7.633	8913.827	83.669
1.004	14.773			
4/16/2016 12:30:00 PM	342000.000	131.769	20.381	300.342
11952.385	13108.912	7.633	8914.061	83.665
1.004	14.771			
4/16/2016 12:45:00 PM	342900.000	131.760	20.380	300.323
11949.380	13105.833	7.631	8911.967	83.686
1.004	14.769			
4/16/2016 1:00:00 PM	343800.000	131.770	20.377	300.344
11953.767	13111.579	7.635	8915.874	83.656
1.004	14.766			
4/16/2016 1:15:00 PM	344700.000	131.750	20.373	300.299
11950.493	13108.923	7.633	8914.068	83.679
1.004	14.769			
4/16/2016 1:30:00 PM	345600.000	131.745	20.377	300.288
11951.309	13108.738	7.633	8913.942	83.673
1.004	14.769			
4/16/2016 1:45:00 PM	346500.000	131.744	20.375	300.286
11951.717	13109.762	7.633	8914.639	83.670
1.004	14.772			
4/16/2016 2:00:00 PM	347400.000	131.733	20.372	300.261
11955.590	13114.753	7.636	8918.032	83.643
1.004	14.770			
4/16/2016 2:15:00 PM	348300.000	131.736	20.372	300.268
11954.969	13114.143	7.636	8917.618	83.647
1.004	14.773			
4/16/2016 2:30:00 PM	349200.000	131.726	20.377	300.245
11957.330	13115.536	7.637	8918.564	83.631
1.004	14.778			
4/16/2016 2:45:00 PM	350100.000	131.729	20.382	300.251
11956.586	13113.135	7.636	8916.932	83.636
1.004	14.767			
4/16/2016 3:00:00 PM	351000.000	131.724	20.379	300.241
11957.937	13115.649	7.637	8918.642	83.626
1.004	14.771			
4/16/2016 3:15:00 PM	351900.000	131.711	20.370	300.211
11955.844	13115.706	7.637	8918.681	83.641
1.004	14.778			
4/16/2016 3:30:00 PM	352800.000	131.758	20.373	300.317
11957.117	13116.405	7.638	8919.156	83.632
1.004	14.767			
4/16/2016 3:45:00 PM	353700.000	131.718	20.379	300.226
11959.274	13117.048	7.638	8919.593	83.617
1.004	14.765			
4/16/2016 4:00:00 PM	354600.000	131.707	20.373	300.201
11960.803	13120.377	7.640	8921.856	83.606
1.004	14.766			
4/16/2016 4:15:00 PM	355500.000	131.718	20.380	300.227
11962.188	13120.001	7.640	8921.602	83.597
1.004	14.761			
4/16/2016 4:30:00 PM	356400.000	131.701	20.376	300.188
11964.569	13123.618	7.642	8924.061	83.580
1.004	14.768			
4/16/2016 4:45:00 PM	357300.000	131.714	20.380	300.216
11965.669	13123.627	7.642	8924.066	83.572
1.004	14.759			

4/16/2016 5:00:00 PM	358200.000	131.707	20.377	300.202
11967.317	13126.348	7.644	8925.917	83.561
1.004	14.757			
4/16/2016 5:15:00 PM	359100.000	131.714	20.377	300.217
11965.323	13124.278	7.642	8924.510	83.575
1.004	14.760			
4/16/2016 5:30:00 PM	360000.000	131.716	20.373	300.220
11964.587	13124.479	7.643	8924.647	83.580
1.004	14.758			
4/16/2016 5:45:00 PM	360900.000	131.714	20.373	300.216
11970.314	13130.785	7.647	8928.935	83.540
1.004	14.760			
4/16/2016 6:00:00 PM	361800.000	131.721	20.375	300.232
11973.438	13133.516	7.648	8930.792	83.518
1.004	14.759			
4/16/2016 6:15:00 PM	362700.000	131.735	20.374	300.264
11974.284	13134.853	7.649	8931.701	83.512
1.004	14.755			
4/16/2016 6:30:00 PM	363600.000	131.740	20.384	300.275
11978.330	13136.455	7.650	8932.790	83.484
1.004	14.752			
4/16/2016 6:45:00 PM	364500.000	131.734	20.370	300.262
11974.021	13135.596	7.650	8932.205	83.514
1.004	14.757			
4/16/2016 7:00:00 PM	365400.000	131.746	20.378	300.291
11973.677	13133.130	7.648	8930.528	83.517
1.004	14.755			
4/16/2016 7:15:00 PM	366300.000	131.752	20.380	300.304
11974.766	13133.579	7.648	8930.835	83.509
1.004	14.760			
4/16/2016 7:30:00 PM	367200.000	131.765	20.379	300.333
11979.736	13139.318	7.652	8934.737	83.474
1.004	14.755			
4/16/2016 7:45:00 PM	368100.000	131.772	20.376	300.348
11980.995	13141.710	7.653	8936.364	83.466
1.004	14.754			
4/16/2016 8:00:00 PM	369000.000	131.769	20.382	300.343
11984.748	13144.217	7.655	8938.067	83.439
1.004	14.759			
4/16/2016 8:15:00 PM	369900.000	131.788	20.380	300.385
11981.772	13141.264	7.653	8936.060	83.460
1.004	14.755			
4/16/2016 8:30:00 PM	370800.000	131.793	20.382	300.397
11982.255	13141.505	7.653	8936.224	83.457
1.004	14.755			
4/16/2016 8:45:00 PM	371700.000	131.800	20.376	300.412
11982.907	13143.687	7.655	8937.708	83.452
1.004	14.754			
4/16/2016 9:00:00 PM	372600.000	131.796	20.385	300.404
11984.776	13143.357	7.655	8937.483	83.439
1.004	14.756			
4/16/2016 9:15:00 PM	373500.000	131.808	20.382	300.431
11982.467	13141.737	7.654	8936.382	83.455
1.004	14.760			
4/16/2016 9:30:00 PM	374400.000	131.813	20.373	300.443
11981.364	13142.857	7.654	8937.145	83.463

1.004 14.762
4/16/2016 9:45:00 PM 375300.000 131.828 20.383 300.477
11985.219 13144.372 7.655 8938.173 83.436
1.004 14.760
4/16/2016 10:00:00 PM 376200.000 131.836 20.379 300.495
11984.175 13144.306 7.655 8938.129 83.443
1.004 14.766
4/16/2016 10:15:00 PM 377100.000 131.819 20.386 300.455
11985.495 13143.856 7.655 8937.822 83.434
1.004 14.765
4/16/2016 10:30:00 PM 378000.000 131.865 20.382 300.561
11985.098 13144.552 7.655 8938.295 83.437
1.004 14.763
4/16/2016 10:45:00 PM 378900.000 131.844 20.380 300.513
11982.777 13142.557 7.654 8936.939 83.453
1.004 14.759
4/16/2016 11:00:00 PM 379800.000 131.842 20.381 300.508
11986.079 13145.796 7.656 8939.143 83.430
1.004 14.759
4/16/2016 11:15:00 PM 380700.000 131.842 20.378 300.509
11986.079 13146.686 7.657 8939.747 83.430
1.004 14.762
4/16/2016 11:30:00 PM 381600.000 131.847 20.379 300.520
11984.859 13145.084 7.656 8938.658 83.439
1.004 14.755
4/16/2016 11:45:00 PM 382500.000 131.837 20.372 300.498
11983.459 13145.542 7.656 8938.970 83.448
1.004 14.763
4/17/2016 12:00:00 AM 383400.000 131.842 20.380 300.508
11982.896 13142.642 7.654 8936.996 83.452
1.004 14.761
4/17/2016 12:15:00 AM 384300.000 131.842 20.377 300.509
11981.814 13142.175 7.654 8936.679 83.460
1.004 14.762
4/17/2016 12:30:00 AM 385200.000 131.834 20.373 300.490
11979.835 13141.157 7.653 8935.987 83.474
1.004 14.755
4/17/2016 12:45:00 AM 386100.000 131.835 20.380 300.492
11982.351 13142.089 7.654 8936.621 83.456
1.004 14.751
4/17/2016 1:00:00 AM 387000.000 131.841 20.380 300.506
11978.086 13137.438 7.651 8933.458 83.486
1.004 14.757
4/17/2016 1:15:00 AM 387900.000 131.838 20.378 300.499
11980.591 13140.545 7.653 8935.570 83.468
1.004 14.752
4/17/2016 1:30:00 AM 388800.000 131.838 20.371 300.499
11976.959 13138.508 7.651 8934.186 83.494
1.004 14.756
4/17/2016 1:45:00 AM 389700.000 131.827 20.376 300.474
11977.136 13137.356 7.651 8933.403 83.492
1.004 14.754
4/17/2016 2:00:00 AM 390600.000 131.830 20.368 300.482
11973.695 13135.937 7.650 8932.437 83.516
1.004 14.754
4/17/2016 2:15:00 AM 391500.000 131.817 20.386 300.452

11981.515	13139.350	7.652	8934.758	83.462
1.004	14.751			
4/17/2016 2:30:00 AM	392400.000	131.830	20.375	300.482
11975.410	13135.680	7.650	8932.264	83.504
1.004	14.748			
4/17/2016 2:45:00 AM	393300.000	131.812	20.376	300.439
11974.095	13134.066	7.649	8931.166	83.514
1.004	14.748			
4/17/2016 3:00:00 AM	394200.000	131.814	20.378	300.446
11973.956	13133.437	7.648	8930.737	83.515
1.004	14.746			
4/17/2016 3:15:00 AM	395100.000	131.813	20.375	300.441
11970.480	13130.514	7.646	8928.749	83.539
1.004	14.748			
4/17/2016 3:30:00 AM	396000.000	131.808	20.381	300.430
11976.116	13134.892	7.649	8931.728	83.500
1.004	14.745			
4/17/2016 3:45:00 AM	396900.000	131.809	20.377	300.432
11972.644	13132.308	7.648	8929.970	83.524
1.004	14.745			
4/17/2016 4:00:00 AM	397800.000	131.813	20.383	300.442
11975.991	13134.348	7.649	8931.356	83.500
1.004	14.736			
4/17/2016 4:15:00 AM	398700.000	131.809	20.379	300.434
11972.049	13131.059	7.647	8929.121	83.528
1.004	14.739			
4/17/2016 4:30:00 AM	399600.000	131.801	20.384	300.416
11974.244	13132.048	7.647	8929.793	83.513
1.004	14.742			
4/17/2016 4:45:00 AM	400500.000	131.800	20.380	300.414
11973.742	13132.673	7.648	8930.218	83.516
1.004	14.737			
4/17/2016 5:00:00 AM	401400.000	131.828	20.371	300.476
11973.879	13135.272	7.649	8931.986	83.515
1.004	14.740			
4/17/2016 5:15:00 AM	402300.000	131.803	20.380	300.421
11976.796	13135.854	7.650	8932.382	83.495
1.004	14.738			
4/17/2016 5:30:00 AM	403200.000	131.809	20.376	300.434
11974.425	13134.383	7.649	8931.381	83.511
1.004	14.738			
4/17/2016 5:45:00 AM	404100.000	131.812	20.382	300.441
11972.972	13131.253	7.647	8929.253	83.521
1.004	14.734			
4/17/2016 6:00:00 AM	405000.000	131.818	20.382	300.454
11979.631	13138.627	7.652	8934.267	83.475
1.004	14.729			
4/17/2016 6:15:00 AM	405900.000	131.814	20.375	300.444
11977.149	13137.829	7.651	8933.725	83.492
1.004	14.733			
4/17/2016 6:30:00 AM	406800.000	131.821	20.382	300.461
11982.593	13141.828	7.654	8936.443	83.454
1.004	14.733			
4/17/2016 6:45:00 AM	407700.000	131.823	20.377	300.465
11979.810	13140.192	7.653	8935.331	83.474
1.004	14.738			

4/17/2016 7:00:00 AM 408600.000 131.837 20.377 300.497
11979.193 13139.374 7.652 8934.774 83.478
1.004 14.733
4/17/2016 7:15:00 AM 409500.000 131.839 20.384 300.502
11981.077 13139.659 7.652 8934.969 83.465
1.004 14.734
4/17/2016 7:30:00 AM 410400.000 131.843 20.386 300.511
11985.147 13143.451 7.655 8937.548 83.437
1.004 14.734
4/17/2016 7:45:00 AM 411300.000 131.839 20.370 300.501
11983.788 13146.311 7.656 8939.491 83.446
1.004 14.740
4/17/2016 8:00:00 AM 412200.000 131.858 20.376 300.545
11986.788 13148.110 7.657 8940.715 83.425
1.004 14.730
4/17/2016 8:15:00 AM 413100.000 131.852 20.382 300.531
11987.102 13146.798 7.657 8939.823 83.423
1.004 14.735
4/17/2016 8:30:00 AM 414000.000 131.859 20.380 300.546
11984.667 13144.703 7.655 8938.399 83.440
1.004 14.738
4/17/2016 8:45:00 AM 414900.000 131.861 20.383 300.552
11989.791 13149.337 7.658 8941.549 83.404
1.004 14.738
4/17/2016 9:00:00 AM 415800.000 131.865 20.385 300.561
11990.122 13149.150 7.658 8941.423 83.402
1.004 14.738
4/17/2016 9:15:00 AM 416700.000 131.873 20.387 300.578
11990.982 13149.538 7.658 8941.686 83.396
1.004 14.732
4/17/2016 9:30:00 AM 417600.000 131.883 20.384 300.601
11993.035 13152.534 7.660 8943.724 83.382
1.004 14.727
4/17/2016 9:45:00 AM 418500.000 131.913 20.376 300.671
11991.351 13152.899 7.660 8943.972 83.393
1.004 14.731
4/17/2016 10:00:00 AM 419400.000 131.887 20.379 300.610
11992.285 13153.229 7.661 8944.196 83.387
1.004 14.727
4/17/2016 10:15:00 AM 420300.000 131.883 20.382 300.603
11992.401 13152.512 7.660 8943.708 83.386
1.004 14.732
4/17/2016 10:30:00 AM 421200.000 131.885 20.379 300.606
11992.393 13153.248 7.661 8944.209 83.386
1.004 14.735
4/17/2016 10:45:00 AM 422100.000 131.893 20.383 300.625
11992.602 13152.540 7.660 8943.728 83.385
1.004 14.724
4/17/2016 11:00:00 AM 423000.000 131.882 20.382 300.601
11996.239 13156.819 7.663 8946.638 83.359
1.004 14.729
4/17/2016 11:15:00 AM 423900.000 131.879 20.379 300.594
11993.532 13154.668 7.662 8945.174 83.378
1.004 14.736
4/17/2016 11:30:00 AM 424800.000 131.871 20.376 300.575
11989.938 13151.565 7.660 8943.064 83.403

1.004 14.735
4/17/2016 11:45:00 AM 425700.000 131.865 20.382 300.561
11994.784 13155.028 7.662 8945.419 83.370
1.004 14.733
4/17/2016 12:00:00 PM 426600.000 131.849 20.383 300.525
11994.553 13154.631 7.662 8945.149 83.371
1.004 14.735
4/17/2016 12:15:00 PM 427500.000 131.842 20.377 300.508
11993.435 13155.112 7.662 8945.477 83.379
1.004 14.737
4/17/2016 12:30:00 PM 428400.000 131.835 20.382 300.492
11995.079 13155.425 7.662 8945.689 83.368
1.004 14.736
4/17/2016 12:45:00 PM 429300.000 131.826 20.381 300.473
11993.224 13153.608 7.661 8944.454 83.380
1.004 14.735
4/17/2016 1:00:00 PM 430200.000 131.826 20.380 300.472
11994.822 13155.602 7.662 8945.811 83.369
1.004 14.731
4/17/2016 1:15:00 PM 431100.000 131.812 20.383 300.440
11996.101 13156.352 7.663 8946.319 83.360
1.004 14.727
4/17/2016 1:30:00 PM 432000.000 131.808 20.378 300.431
11996.062 13157.585 7.663 8947.159 83.361
1.004 14.726
4/17/2016 1:45:00 PM 432900.000 131.798 20.378 300.407
11993.771 13155.121 7.662 8945.483 83.377
1.004 14.731
4/17/2016 2:00:00 PM 433800.000 131.780 20.378 300.367
11994.819 13156.249 7.663 8946.249 83.369
1.004 14.736
4/17/2016 2:15:00 PM 434700.000 131.774 20.384 300.353
11994.869 13154.739 7.662 8945.223 83.369
1.004 14.736
4/17/2016 2:30:00 PM 435600.000 131.765 20.376 300.332
11994.920 13156.886 7.663 8946.683 83.369
1.004 14.735
4/17/2016 2:45:00 PM 436500.000 131.765 20.380 300.333
11992.835 13153.588 7.661 8944.439 83.383
1.004 14.738
4/17/2016 3:00:00 PM 437400.000 131.747 20.380 300.293
11997.595 13158.859 7.664 8948.024 83.350
1.004 14.738
4/17/2016 3:15:00 PM 438300.000 131.740 20.382 300.277
11994.087 13154.337 7.661 8944.950 83.374
1.004 14.740
4/17/2016 3:30:00 PM 439200.000 131.737 20.382 300.268
11995.413 13155.743 7.662 8945.905 83.365
1.004 14.732
4/17/2016 3:45:00 PM 440100.000 131.732 20.373 300.259
11993.981 13156.724 7.663 8946.572 83.375
1.004 14.732
4/17/2016 4:00:00 PM 441000.000 131.720 20.381 300.231
11997.488 13158.430 7.664 8947.733 83.351
1.004 14.737
4/17/2016 4:15:00 PM 441900.000 131.720 20.372 300.230

11996.082	13159.219	7.664	8948.269	83.361
1.004	14.734			
4/17/2016 4:30:00 PM	442800.000	131.724	20.379	300.240
11999.006	13160.601	7.665	8949.208	83.340
1.004	14.733			
4/17/2016 4:45:00 PM	443700.000	131.734	20.378	300.262
12001.192	13163.167	7.667	8950.954	83.325
1.004	14.728			
4/17/2016 5:00:00 PM	444600.000	131.735	20.380	300.264
12007.789	13169.989	7.671	8955.593	83.279
1.004	14.730			
4/17/2016 5:15:00 PM	445500.000	131.721	20.384	300.233
12004.351	13165.091	7.668	8952.262	83.303
1.004	14.733			
4/17/2016 5:30:00 PM	446400.000	131.730	20.374	300.254
12005.991	13169.535	7.671	8955.285	83.292
1.004	14.732			
4/17/2016 5:45:00 PM	447300.000	131.730	20.375	300.254
12007.529	13171.103	7.672	8956.351	83.281
1.004	14.733			
4/17/2016 6:00:00 PM	448200.000	131.735	20.388	300.264
12009.951	13170.124	7.671	8955.685	83.264
1.004	14.732			
4/17/2016 6:15:00 PM	449100.000	131.742	20.373	300.280
12010.968	13175.356	7.675	8959.243	83.257
1.004	14.732			
4/17/2016 6:30:00 PM	450000.000	131.746	20.384	300.291
12015.667	13177.427	7.676	8960.650	83.225
1.004	14.734			
4/17/2016 6:45:00 PM	450900.000	131.738	20.378	300.272
12013.155	13176.288	7.675	8959.876	83.242
1.004	14.737			
4/17/2016 7:00:00 PM	451800.000	131.756	20.382	300.313
12016.178	13178.444	7.677	8961.342	83.221
1.004	14.726			
4/17/2016 7:15:00 PM	452700.000	131.760	20.382	300.322
12015.629	13177.941	7.676	8961.000	83.225
1.004	14.731			
4/17/2016 7:30:00 PM	453600.000	131.769	20.381	300.342
12018.734	13181.657	7.679	8963.527	83.203
1.004	14.734			
4/17/2016 7:45:00 PM	454500.000	131.784	20.381	300.376
12019.641	13182.726	7.679	8964.254	83.197
1.004	14.734			
4/17/2016 8:00:00 PM	455400.000	131.784	20.374	300.377
12022.652	13187.812	7.682	8967.713	83.176
1.004	14.739			
4/17/2016 8:15:00 PM	456300.000	131.800	20.375	300.412
12021.020	13185.806	7.681	8966.348	83.188
1.004	14.737			
4/17/2016 8:30:00 PM	457200.000	131.816	20.378	300.449
12021.580	13185.624	7.681	8966.225	83.184
1.004	14.738			
4/17/2016 8:45:00 PM	458100.000	131.853	20.382	300.534
12026.264	13189.605	7.684	8968.933	83.151
1.004	14.740			

4/17/2016 9:00:00 PM	459000.000	131.820	20.376	300.458
12023.758	13188.639	7.683	8968.275	83.169
1.004	14.744			
4/17/2016 9:15:00 PM	459900.000	131.829	20.377	300.480
12026.000	13190.714	7.684	8969.686	83.153
1.004	14.744			
4/17/2016 9:30:00 PM	460800.000	131.839	20.380	300.501
12026.021	13189.986	7.684	8969.190	83.153
1.004	14.743			
4/17/2016 9:45:00 PM	461700.000	131.843	20.373	300.512
12023.536	13188.998	7.683	8968.520	83.170
1.004	14.742			
4/17/2016 10:00:00 PM	462600.000	131.850	20.378	300.527
12025.455	13189.851	7.684	8969.099	83.157
1.004	14.749			
4/17/2016 10:15:00 PM	463500.000	131.898	20.386	300.636
12027.126	13189.415	7.684	8968.804	83.145
1.004	14.744			
4/17/2016 10:30:00 PM	464400.000	131.870	20.376	300.572
12023.390	13188.067	7.683	8967.886	83.171
1.004	14.747			
4/17/2016 10:45:00 PM	465300.000	131.878	20.383	300.590
12025.174	13188.117	7.683	8967.920	83.159
1.004	14.744			
4/17/2016 11:00:00 PM	466200.000	131.882	20.382	300.599
12025.256	13188.618	7.683	8968.261	83.158
1.004	14.743			
4/17/2016 11:15:00 PM	467100.000	131.885	20.380	300.606
12023.835	13187.614	7.682	8967.579	83.168
1.004	14.741			
4/17/2016 11:30:00 PM	468000.000	131.893	20.382	300.624
12028.265	13191.820	7.685	8970.438	83.138
1.004	14.738			
4/17/2016 11:45:00 PM	468900.000	131.894	20.377	300.626
12018.986	13183.116	7.680	8964.520	83.202
1.004	14.746			
4/18/2016 12:00:00 AM	469800.000	131.900	20.381	300.640
12019.409	13182.520	7.679	8964.113	83.199
1.004	14.733			
4/18/2016 12:15:00 AM	470700.000	131.906	20.386	300.655
12021.070	13182.942	7.679	8964.402	83.187
1.004	14.735			
4/18/2016 12:30:00 AM	471600.000	131.921	20.384	300.688
12023.646	13186.321	7.682	8966.698	83.169
1.004	14.743			
4/18/2016 12:45:00 AM	472500.000	131.936	20.379	300.722
12017.322	13180.690	7.678	8962.870	83.213
1.004	14.744			
4/18/2016 1:00:00 AM	473400.000	131.900	20.379	300.641
12014.120	13177.178	7.676	8960.480	83.235
1.004	14.740			
4/18/2016 1:15:00 AM	474300.000	131.908	20.389	300.659
12017.875	13178.499	7.677	8961.380	83.209
1.004	14.737			
4/18/2016 1:30:00 AM	475200.000	131.891	20.371	300.620
12014.814	13179.986	7.678	8962.391	83.231

1.004 14.741
4/18/2016 1:45:00 AM 476100.000 131.894 20.386 300.628
12015.128 13176.354 7.675 8959.921 83.228
1.004 14.745
4/18/2016 2:00:00 AM 477000.000 131.931 20.379 300.712
12012.849 13175.636 7.675 8959.433 83.244
1.004 14.741
4/18/2016 2:15:00 AM 477900.000 131.890 20.382 300.618
12016.475 13179.013 7.677 8961.729 83.219
1.004 14.738
4/18/2016 2:30:00 AM 478800.000 131.883 20.379 300.602
12012.344 13175.105 7.674 8959.073 83.248
1.004 14.741
4/18/2016 2:45:00 AM 479700.000 131.894 20.381 300.626
12011.275 13173.477 7.673 8957.964 83.255
1.004 14.734
4/18/2016 3:00:00 AM 480600.000 131.885 20.383 300.606
12009.968 13171.394 7.672 8956.549 83.264
1.004 14.735
4/18/2016 3:15:00 AM 481500.000 131.876 20.384 300.586
12009.819 13171.158 7.672 8956.389 83.265
1.004 14.734
4/18/2016 3:30:00 AM 482400.000 131.884 20.377 300.604
12005.469 13168.313 7.670 8954.452 83.295
1.004 14.735
4/18/2016 3:45:00 AM 483300.000 131.880 20.377 300.596
12005.982 13168.707 7.670 8954.722 83.292
1.004 14.726
4/18/2016 4:00:00 AM 484200.000 131.874 20.375 300.582
12003.338 13166.482 7.669 8953.208 83.310
1.004 14.732
4/18/2016 4:15:00 AM 485100.000 131.862 20.379 300.554
12002.211 13164.088 7.668 8951.580 83.318
1.004 14.741
4/18/2016 4:30:00 AM 486000.000 131.868 20.374 300.568
12002.070 13165.382 7.668 8952.460 83.319
1.004 14.735
4/18/2016 4:45:00 AM 486900.000 131.869 20.380 300.570
12004.085 13165.857 7.669 8952.783 83.305
1.004 14.740
4/18/2016 5:00:00 AM 487800.000 131.862 20.381 300.553
12003.382 13164.894 7.668 8952.128 83.310
1.004 14.740
4/18/2016 5:15:00 AM 488700.000 131.872 20.379 300.577
11999.838 13161.607 7.666 8949.894 83.334
1.004 14.739
4/18/2016 5:30:00 AM 489600.000 131.862 20.384 300.554
12001.002 13161.418 7.666 8949.766 83.326
1.004 14.741
4/18/2016 5:45:00 AM 490500.000 131.858 20.377 300.545
11998.465 13160.512 7.665 8949.149 83.344
1.004 14.742
4/18/2016 6:00:00 AM 491400.000 131.869 20.382 300.570
12001.420 13162.260 7.666 8950.338 83.323
1.004 14.739
4/18/2016 6:15:00 AM 492300.000 131.855 20.378 300.537

12001.169	13163.116	7.667	8950.919	83.325
1.004	14.742			
4/18/2016 6:30:00 AM	493200.000	131.879	20.382	300.593
11998.141	13158.762	7.664	8947.958	83.346
1.004	14.735			
4/18/2016 6:45:00 AM	494100.000	131.872	20.379	300.578
11997.225	13158.548	7.664	8947.813	83.353
1.004	14.743			
4/18/2016 7:00:00 AM	495000.000	131.887	20.380	300.611
12002.558	13164.277	7.668	8951.710	83.316
1.004	14.744			
4/18/2016 7:15:00 AM	495900.000	131.884	20.377	300.605
11998.336	13160.297	7.665	8949.002	83.345
1.004	14.749			
4/18/2016 7:30:00 AM	496800.000	131.890	20.382	300.619
12002.151	13163.133	7.667	8950.932	83.318
1.004	14.747			
4/18/2016 7:45:00 AM	497700.000	131.911	20.377	300.665
11998.978	13161.217	7.666	8949.629	83.340
1.004	14.747			
4/18/2016 8:00:00 AM	498600.000	131.892	20.379	300.622
11999.470	13160.962	7.666	8949.454	83.337
1.004	14.760			
4/18/2016 8:15:00 AM	499500.000	131.899	20.377	300.638
12000.285	13162.532	7.667	8950.522	83.331
1.004	14.767			
4/18/2016 8:30:00 AM	500400.000	131.922	20.376	300.692
12001.543	13164.295	7.668	8951.721	83.323
1.004	14.753			
4/18/2016 8:45:00 AM	501300.000	131.919	20.380	300.684
12002.287	13164.006	7.668	8951.524	83.317
1.004	14.760			
4/18/2016 9:00:00 AM	502200.000	131.919	20.384	300.685
12003.590	13164.134	7.668	8951.611	83.308
1.004	14.759			
4/18/2016 9:15:00 AM	503100.000	131.927	20.380	300.702
12004.938	13166.841	7.669	8953.452	83.299
1.004	14.760			
4/18/2016 9:30:00 AM	504000.000	131.937	20.380	300.724
12006.077	13168.066	7.670	8954.285	83.291
1.004	14.758			
4/18/2016 9:45:00 AM	504900.000	131.935	20.381	300.721
12004.363	13165.849	7.669	8952.778	83.303
1.004	14.758			
4/18/2016 10:00:00 AM	505800.000	131.939	20.382	300.730
12006.060	13167.468	7.670	8953.878	83.291
1.004	14.761			
4/18/2016 10:15:00 AM	506700.000	131.938	20.383	300.726
12002.833	13163.712	7.667	8951.324	83.314
1.004	14.758			
4/18/2016 10:30:00 AM	507600.000	131.949	20.383	300.753
12004.281	13165.181	7.668	8952.324	83.304
1.004	14.754			
4/18/2016 10:45:00 AM	508500.000	131.949	20.386	300.751
12007.131	13167.656	7.670	8954.006	83.284
1.004	14.759			

4/18/2016 11:00:00 AM 509400.000 131.947 20.378 300.747
12005.737 13168.175 7.670 8954.360 83.294
1.004 14.758
4/18/2016 11:15:00 AM 510300.000 131.940 20.382 300.731
12006.914 13168.550 7.670 8954.614 83.285
1.004 14.758
4/18/2016 11:30:00 AM 511200.000 131.947 20.382 300.747
12006.384 13167.920 7.670 8954.187 83.289
1.004 14.757
4/18/2016 11:45:00 AM 512100.000 131.939 20.386 300.730
12007.043 13167.487 7.670 8953.892 83.284
1.004 14.754
4/18/2016 12:00:00 PM 513000.000 131.934 20.382 300.719
12002.789 13164.026 7.668 8951.538 83.314
1.004 14.761
4/18/2016 12:15:00 PM 513900.000 131.928 20.378 300.704
12000.849 13162.765 7.667 8950.680 83.327
1.004 14.756
4/18/2016 12:30:00 PM 514800.000 131.918 20.381 300.682
12005.764 13167.506 7.670 8953.905 83.293
1.004 14.752
4/18/2016 12:45:00 PM 515700.000 131.919 20.375 300.685
12001.648 13164.486 7.668 8951.851 83.322
1.004 14.749
4/18/2016 1:00:00 PM 516600.000 131.911 20.373 300.666
12003.014 13166.654 7.669 8953.325 83.312
1.004 14.752
4/18/2016 1:15:00 PM 517500.000 131.902 20.375 300.645
12003.217 13166.277 7.669 8953.068 83.311
1.004 14.754
4/18/2016 1:30:00 PM 518400.000 131.891 20.382 300.619
12002.103 13163.250 7.667 8951.010 83.319
1.004 14.754
4/18/2016 1:45:00 PM 519300.000 131.871 20.376 300.575
11999.969 13162.471 7.667 8950.480 83.334
1.004 14.755
4/18/2016 2:00:00 PM 520200.000 131.868 20.378 300.567
12001.123 13163.211 7.667 8950.984 83.326
1.004 14.749
4/18/2016 2:15:00 PM 521100.000 131.858 20.380 300.545
12000.416 13161.857 7.666 8950.063 83.330
1.004 14.752
4/18/2016 2:30:00 PM 522000.000 131.836 20.383 300.495
12000.527 13161.087 7.666 8949.539 83.330
1.004 14.753
4/18/2016 2:45:00 PM 522900.000 131.828 20.386 300.476
12001.076 13160.848 7.666 8949.377 83.326
1.004 14.752
4/18/2016 3:00:00 PM 523800.000 131.814 20.382 300.445
12003.374 13164.502 7.668 8951.861 83.310
1.004 14.752
4/18/2016 3:15:00 PM 524700.000 131.801 20.383 300.415
11999.627 13160.076 7.665 8948.852 83.336
1.004 14.749
4/18/2016 3:30:00 PM 525600.000 131.821 20.383 300.460
11999.905 13160.575 7.665 8949.192 83.334

1.004 14.752
4/18/2016 3:45:00 PM 526500.000 131.791 20.380 300.392
11998.799 13160.155 7.665 8948.906 83.342
1.004 14.753
4/18/2016 4:00:00 PM 527400.000 131.782 20.373 300.371
11999.783 13162.991 7.667 8950.834 83.335
1.004 14.753
4/18/2016 4:15:00 PM 528300.000 131.752 20.378 300.304
12000.719 13162.813 7.667 8950.713 83.328
1.004 14.755
4/18/2016 4:30:00 PM 529200.000 131.743 20.380 300.283
11998.552 13159.667 7.665 8948.574 83.343
1.004 14.755
4/18/2016 4:45:00 PM 530100.000 131.744 20.373 300.285
12001.888 13165.419 7.668 8952.486 83.320
1.004 14.751
4/18/2016 5:00:00 PM 531000.000 131.730 20.379 300.252
12005.685 13168.021 7.670 8954.254 83.294
1.004 14.756
4/18/2016 5:15:00 PM 531900.000 131.719 20.373 300.228
12001.337 13164.912 7.668 8952.141 83.324
1.004 14.756
4/18/2016 5:30:00 PM 532800.000 131.730 20.368 300.253
12005.346 13170.441 7.671 8955.901 83.296
1.004 14.745
4/18/2016 5:45:00 PM 533700.000 131.706 20.374 300.198
12006.565 13170.313 7.671 8955.813 83.288
1.004 14.753
4/18/2016 6:00:00 PM 534600.000 131.710 20.379 300.207
12009.016 13171.552 7.672 8956.655 83.271
1.004 14.753
4/18/2016 6:15:00 PM 535500.000 131.721 20.375 300.234
12007.409 13170.996 7.672 8956.278 83.282
1.004 14.742
4/18/2016 6:30:00 PM 536400.000 131.696 20.378 300.175
12009.726 13172.476 7.673 8957.284 83.266
1.004 14.747
4/18/2016 6:45:00 PM 537300.000 131.710 20.376 300.207
12011.991 13175.755 7.675 8959.514 83.250
1.004 14.742
4/18/2016 7:00:00 PM 538200.000 131.737 20.382 300.270
12016.288 13178.565 7.677 8961.425 83.220
1.004 14.745
4/18/2016 7:15:00 PM 539100.000 131.706 20.381 300.199
12016.440 13179.023 7.677 8961.736 83.219
1.004 14.743
4/18/2016 7:30:00 PM 540000.000 131.741 20.382 300.279
12018.097 13180.596 7.678 8962.805 83.208
1.004 14.747
4/18/2016 7:45:00 PM 540900.000 131.716 20.376 300.220
12014.595 13178.588 7.677 8961.440 83.232
1.004 14.747
4/18/2016 8:00:00 PM 541800.000 131.720 20.377 300.231
12019.521 13183.676 7.680 8964.900 83.198
1.004 14.748
4/18/2016 8:15:00 PM 542700.000 131.726 20.381 300.243

12023.382	13186.852	7.682	8967.061	83.171
1.004	14.750			
4/18/2016 8:30:00 PM	543600.000	131.728	20.380	300.248
12024.443	13188.136	7.683	8967.933	83.164
1.004	14.750			
4/18/2016 8:45:00 PM	544500.000	131.741	20.378	300.279
12025.158	13189.525	7.684	8968.878	83.159
1.004	14.747			
4/18/2016 9:00:00 PM	545400.000	131.749	20.377	300.297
12028.571	13193.483	7.686	8971.569	83.135
1.004	14.747			
4/18/2016 9:15:00 PM	546300.000	131.737	20.382	300.268
12033.627	13197.748	7.689	8974.469	83.100
1.004	14.753			
4/18/2016 9:30:00 PM	547200.000	131.745	20.380	300.288
12032.556	13197.084	7.688	8974.019	83.108
1.004	14.754			
4/18/2016 9:45:00 PM	548100.000	131.750	20.379	300.300
12033.521	13198.506	7.689	8974.985	83.101
1.004	14.754			
4/18/2016 10:00:00 PM	549000.000	131.769	20.369	300.342
12033.754	13201.584	7.691	8977.077	83.100
1.004	14.753			
4/18/2016 10:15:00 PM	549900.000	131.762	20.382	300.326
12043.324	13208.264	7.695	8981.620	83.034
1.004	14.756			
4/18/2016 10:30:00 PM	550800.000	131.797	20.385	300.406
12042.229	13206.363	7.694	8980.327	83.041
1.004	14.754			
4/18/2016 10:45:00 PM	551700.000	131.779	20.378	300.366
12040.240	13206.188	7.694	8980.208	83.055
1.004	14.754			
4/18/2016 11:00:00 PM	552600.000	131.811	20.376	300.437
12037.649	13203.708	7.692	8978.522	83.073
1.004	14.758			
4/18/2016 11:15:00 PM	553500.000	131.779	20.379	300.365
12039.178	13204.687	7.693	8979.188	83.062
1.004	14.753			
4/18/2016 11:30:00 PM	554400.000	131.783	20.376	300.374
12041.541	13208.070	7.695	8981.489	83.046
1.004	14.751			
4/18/2016 11:45:00 PM	555300.000	131.786	20.380	300.381
12041.268	13206.517	7.694	8980.433	83.048
1.004	14.749			
4/19/2016 12:00:00 AM	556200.000	131.786	20.378	300.381
12038.110	13203.803	7.693	8978.586	83.070
1.004	14.745			
4/19/2016 12:15:00 AM	557100.000	131.779	20.376	300.366
12038.945	13205.320	7.693	8979.619	83.064
1.004	14.748			
4/19/2016 12:30:00 AM	558000.000	131.791	20.379	300.392
12038.535	13204.005	7.693	8978.725	83.067
1.004	14.748			
4/19/2016 12:45:00 AM	558900.000	131.782	20.381	300.372
12043.147	13208.483	7.695	8981.769	83.035
1.004	14.745			

4/19/2016 1:00:00 AM	559800.000	131.781	20.381	300.369
12038.104	13202.901	7.692	8977.973	83.070
1.004	14.741			
4/19/2016 1:15:00 AM	560700.000	131.778	20.380	300.363
12038.981	13204.227	7.693	8978.874	83.064
1.004	14.745			
4/19/2016 1:30:00 AM	561600.000	131.779	20.382	300.364
12036.843	13201.352	7.691	8976.919	83.078
1.004	14.736			
4/19/2016 1:45:00 AM	562500.000	131.773	20.373	300.350
12034.843	13201.424	7.691	8976.969	83.092
1.004	14.738			
4/19/2016 2:00:00 AM	563400.000	131.758	20.382	300.318
12033.603	13197.820	7.689	8974.518	83.101
1.004	14.735			
4/19/2016 2:15:00 AM	564300.000	131.758	20.371	300.317
12030.481	13197.316	7.688	8974.176	83.122
1.004	14.744			
4/19/2016 2:30:00 AM	565200.000	131.749	20.375	300.296
12031.752	13197.697	7.689	8974.435	83.113
1.004	14.734			
4/19/2016 2:45:00 AM	566100.000	131.744	20.378	300.286
12035.777	13201.075	7.691	8976.732	83.086
1.004	14.738			
4/19/2016 3:00:00 AM	567000.000	131.733	20.376	300.260
12034.023	13199.898	7.690	8975.932	83.098
1.004	14.733			
4/19/2016 3:15:00 AM	567900.000	131.739	20.373	300.274
12035.433	13202.096	7.691	8977.426	83.088
1.004	14.726			
4/19/2016 3:30:00 AM	568800.000	131.730	20.381	300.252
12032.527	13196.882	7.688	8973.881	83.108
1.004	14.727			
4/19/2016 3:45:00 AM	569700.000	131.724	20.383	300.240
12034.393	13198.155	7.689	8974.747	83.095
1.004	14.731			
4/19/2016 4:00:00 AM	570600.000	131.707	20.375	300.202
12033.047	13198.900	7.689	8975.252	83.104
1.004	14.738			
4/19/2016 4:15:00 AM	571500.000	131.709	20.380	300.204
12030.561	13194.990	7.687	8972.595	83.122
1.004	14.730			
4/19/2016 4:30:00 AM	572400.000	131.711	20.379	300.209
12028.763	13193.333	7.686	8971.467	83.134
1.004	14.719			
4/19/2016 4:45:00 AM	573300.000	131.698	20.378	300.180
12029.758	13194.521	7.687	8972.274	83.127
1.004	14.727			
4/19/2016 5:00:00 AM	574200.000	131.697	20.377	300.178
12031.572	13196.872	7.688	8973.873	83.115
1.004	14.723			
4/19/2016 5:15:00 AM	575100.000	131.694	20.375	300.172
12029.291	13194.927	7.687	8972.551	83.130
1.004	14.722			
4/19/2016 5:30:00 AM	576000.000	131.676	20.378	300.131
12030.797	13195.830	7.688	8973.165	83.120

1.004 14.720
4/19/2016 5:45:00 AM 576900.000 131.686 20.382 300.152
12033.049 13197.020 7.688 8973.975 83.104
1.004 14.718
4/19/2016 6:00:00 AM 577800.000 131.691 20.378 300.164
12033.220 13198.341 7.689 8974.873 83.103
1.004 14.710
4/19/2016 6:15:00 AM 578700.000 131.714 20.383 300.216
12033.139 13196.780 7.688 8973.812 83.104
1.004 14.717
4/19/2016 6:30:00 AM 579600.000 131.683 20.378 300.146
12035.518 13200.765 7.691 8976.521 83.087
1.004 14.712
4/19/2016 6:45:00 AM 580500.000 131.682 20.376 300.143
12037.827 13203.950 7.693 8978.688 83.071
1.004 14.713
4/19/2016 7:00:00 AM 581400.000 131.679 20.387 300.137
12042.096 13205.662 7.694 8979.851 83.042
1.004 14.711
4/19/2016 7:15:00 AM 582300.000 131.679 20.383 300.137
12041.889 13206.619 7.694 8980.501 83.043
1.004 14.719
4/19/2016 7:30:00 AM 583200.000 131.681 20.375 300.142
12041.177 13207.818 7.695 8981.316 83.048
1.004 14.714
4/19/2016 7:45:00 AM 584100.000 131.686 20.376 300.154
12042.188 13208.831 7.696 8982.005 83.041
1.004 14.711
4/19/2016 8:00:00 AM 585000.000 131.688 20.374 300.157
12045.019 13212.298 7.698 8984.362 83.022
1.004 14.712
4/19/2016 8:15:00 AM 585900.000 131.697 20.381 300.178
12050.868 13216.854 7.701 8987.461 82.982
1.004 14.715
4/19/2016 8:30:00 AM 586800.000 131.698 20.379 300.181
12053.104 13219.907 7.703 8989.537 82.966
1.004 14.715
4/19/2016 8:45:00 AM 587700.000 131.704 20.382 300.195
12053.356 13219.485 7.702 8989.250 82.964
1.004 14.711
4/19/2016 9:00:00 AM 588600.000 131.704 20.378 300.195
12051.726 13218.593 7.702 8988.644 82.976
1.004 14.716
4/19/2016 9:15:00 AM 589500.000 131.711 20.385 300.210
12056.546 13221.995 7.704 8990.957 82.942
1.004 14.716
4/19/2016 9:30:00 AM 590400.000 131.712 20.377 300.211
12056.454 13224.187 7.705 8992.448 82.943
1.004 14.715
4/19/2016 9:45:00 AM 591300.000 131.722 20.382 300.234
12060.723 13227.517 7.707 8994.711 82.914
1.004 14.713
4/19/2016 10:00:00 AM 592200.000 131.715 20.377 300.219
12057.605 13225.306 7.706 8993.209 82.935
1.004 14.719
4/19/2016 10:15:00 AM 593100.000 131.725 20.387 300.242

12059.870 13225.105 7.706 8993.072 82.920
1.004 14.720
4/19/2016 10:30:00 AM 594000.000 131.715 20.388 300.219
12061.394 13226.513 7.707 8994.029 82.909
1.004 14.718
4/19/2016 10:45:00 AM 594900.000 131.723 20.381 300.237
12060.622 13227.574 7.708 8994.751 82.914
1.004 14.717
4/19/2016 11:00:00 AM 595800.000 131.722 20.381 300.234
12059.417 13226.301 7.707 8993.885 82.923
1.004 14.722
4/19/2016 11:15:00 AM 596700.000 131.725 20.379 300.243
12062.391 13230.217 7.709 8996.549 82.902
1.004 14.718
4/19/2016 11:30:00 AM 597600.000 131.757 20.382 300.315
12062.672 13229.482 7.709 8996.048 82.900
1.004 14.715
4/19/2016 11:45:00 AM 598500.000 131.714 20.385 300.218
12067.424 13233.947 7.712 8999.084 82.868
1.004 14.720
4/19/2016 12:00:00 PM 599400.000 131.726 20.375 300.243
12070.868 13240.556 7.716 9003.578 82.844
1.004 14.718
4/19/2016 12:15:00 PM 600300.000 131.710 20.384 300.207
12072.381 13239.647 7.715 9002.960 82.834
1.004 14.720
4/19/2016 12:30:00 PM 601200.000 131.715 20.384 300.218
12075.733 13243.253 7.717 9005.412 82.811
1.004 14.713
4/19/2016 12:45:00 PM 602100.000 131.712 20.378 300.213
12072.322 13241.256 7.716 9004.054 82.834
1.004 14.714
4/19/2016 1:00:00 PM 603000.000 131.709 20.374 300.206
12072.832 13242.830 7.717 9005.125 82.831
1.004 14.713
4/19/2016 1:15:00 PM 603900.000 131.702 20.380 300.189
12074.942 13243.521 7.718 9005.595 82.816
1.004 14.716
4/19/2016 1:30:00 PM 604800.000 131.687 20.379 300.156
12076.668 13245.656 7.719 9007.047 82.804
1.004 14.717
4/19/2016 1:45:00 PM 605700.000 131.692 20.375 300.166
12073.959 13243.970 7.718 9005.899 82.823
1.004 14.714
4/19/2016 2:00:00 PM 606600.000 131.710 20.376 300.208
12074.992 13244.813 7.718 9006.474 82.816
1.004 14.714
4/19/2016 2:15:00 PM 607500.000 131.675 20.381 300.128
12081.268 13250.315 7.722 9010.215 82.773
1.004 14.715
4/19/2016 2:30:00 PM 608400.000 131.671 20.373 300.118
12076.563 13247.238 7.720 9008.122 82.805
1.004 14.714
4/19/2016 2:45:00 PM 609300.000 131.657 20.378 300.086
12078.401 13247.972 7.720 9008.621 82.792
1.004 14.714

4/19/2016 3:00:00 PM	610200.000	131.639	20.383	300.046
12081.619	13250.142	7.722	9010.098	82.770
1.004	14.715			
4/19/2016 3:15:00 PM	611100.000	131.631	20.377	300.029
12080.874	13250.926	7.722	9010.631	82.775
1.004	14.715			
4/19/2016 3:30:00 PM	612000.000	131.625	20.378	300.013
12080.512	13250.287	7.722	9010.195	82.778
1.004	14.710			
4/19/2016 3:45:00 PM	612900.000	131.610	20.379	299.980
12081.265	13250.746	7.722	9010.509	82.773
1.004	14.707			
4/19/2016 4:00:00 PM	613800.000	131.604	20.388	299.966
12087.636	13255.262	7.725	9013.578	82.729
1.004	14.702			
4/19/2016 4:15:00 PM	614700.000	131.594	20.377	299.943
12082.012	13252.270	7.723	9011.543	82.768
1.004	14.706			
4/19/2016 4:30:00 PM	615600.000	131.581	20.379	299.914
12088.525	13258.735	7.727	9015.940	82.723
1.004	14.701			
4/19/2016 4:45:00 PM	616500.000	131.571	20.371	299.890
12083.976	13256.048	7.725	9014.112	82.754
1.004	14.699			
4/19/2016 5:00:00 PM	617400.000	131.566	20.377	299.881
12088.643	13259.447	7.728	9016.424	82.722
1.004	14.697			
4/19/2016 5:15:00 PM	618300.000	131.548	20.377	299.838
12091.851	13262.988	7.730	9018.832	82.700
1.004	14.700			
4/19/2016 5:30:00 PM	619200.000	131.561	20.378	299.868
12094.648	13265.864	7.732	9020.788	82.681
1.004	14.689			
4/19/2016 5:45:00 PM	620100.000	131.541	20.380	299.822
12095.447	13266.109	7.732	9020.954	82.676
1.004	14.690			
4/19/2016 6:00:00 PM	621000.000	131.534	20.370	299.806
12097.091	13270.774	7.735	9024.127	82.665
1.004	14.689			
4/19/2016 6:15:00 PM	621900.000	131.536	20.379	299.812
12100.223	13271.491	7.735	9024.614	82.643
1.004	14.690			
4/19/2016 6:30:00 PM	622800.000	131.534	20.377	299.807
12102.181	13274.175	7.737	9026.438	82.630
1.004	14.689			
4/19/2016 6:45:00 PM	623700.000	131.525	20.380	299.786
12103.592	13274.995	7.737	9026.998	82.620
1.004	14.687			
4/19/2016 7:00:00 PM	624600.000	131.524	20.378	299.784
12102.466	13274.438	7.737	9026.619	82.628
1.004	14.688			
4/19/2016 7:15:00 PM	625500.000	131.507	20.377	299.744
12103.763	13275.934	7.738	9027.636	82.619
1.004	14.693			
4/19/2016 7:30:00 PM	626400.000	131.527	20.375	299.790
12104.101	13277.009	7.739	9028.367	82.617

1.004 14.690
4/19/2016 7:45:00 PM 627300.000 131.534 20.378 299.807
12106.994 13279.431 7.740 9030.013 82.597
1.004 14.685
4/19/2016 8:00:00 PM 628200.000 131.535 20.376 299.809
12109.954 13282.967 7.742 9032.418 82.577
1.004 14.694
4/19/2016 8:15:00 PM 629100.000 131.535 20.376 299.810
12111.471 13284.681 7.743 9033.584 82.566
1.004 14.698
4/19/2016 8:30:00 PM 630000.000 131.543 20.381 299.826
12113.831 13285.908 7.744 9034.418 82.550
1.004 14.699
4/19/2016 8:45:00 PM 630900.000 131.578 20.381 299.908
12113.918 13286.125 7.744 9034.566 82.550
1.004 14.696
4/19/2016 9:00:00 PM 631800.000 131.545 20.380 299.831
12116.882 13289.521 7.747 9036.875 82.529
1.004 14.706
4/19/2016 9:15:00 PM 632700.000 131.586 20.376 299.924
12121.993 13296.293 7.751 9041.480 82.495
1.004 14.705
4/19/2016 9:30:00 PM 633600.000 131.564 20.376 299.876
12119.956 13293.938 7.749 9039.878 82.509
1.004 14.709
4/19/2016 9:45:00 PM 634500.000 131.567 20.380 299.883
12127.764 13301.480 7.754 9045.008 82.455
1.004 14.706
4/19/2016 10:00:00 PM 635400.000 131.566 20.373 299.880
12128.892 13304.589 7.756 9047.120 82.448
1.004 14.709
4/19/2016 10:15:00 PM 636300.000 131.569 20.379 299.887
12128.168 13302.166 7.754 9045.473 82.453
1.004 14.710
4/19/2016 10:30:00 PM 637200.000 131.583 20.376 299.918
12131.616 13306.897 7.757 9048.690 82.429
1.004 14.707
4/19/2016 10:45:00 PM 638100.000 131.577 20.370 299.904
12132.690 13309.658 7.759 9050.567 82.422
1.004 14.707
4/19/2016 11:00:00 PM 639000.000 131.601 20.372 299.960
12134.293 13310.882 7.760 9051.400 82.411
1.004 14.704
4/19/2016 11:15:00 PM 639900.000 131.606 20.379 299.971
12135.356 13310.025 7.759 9050.817 82.404
1.004 14.703
4/19/2016 11:30:00 PM 640800.000 131.597 20.376 299.949
12135.077 13310.523 7.760 9051.157 82.406
1.004 14.707
4/19/2016 11:45:00 PM 641700.000 131.615 20.377 299.991
12137.005 13312.589 7.761 9052.561 82.393
1.004 14.699
4/20/2016 12:00:00 AM 642600.000 131.608 20.382 299.975
12132.428 13305.939 7.757 9048.039 82.424
1.004 14.705
4/20/2016 12:15:00 AM 643500.000 131.618 20.377 299.997

12134.329	13309.483	7.759	9050.449	82.411
1.004	14.703			
4/20/2016 12:30:00 AM	644400.000	131.619	20.378	300.001
12133.839	13308.631	7.759	9049.869	82.414
1.004	14.706			
4/20/2016 12:45:00 AM	645300.000	131.608	20.374	299.976
12132.869	13308.808	7.759	9049.989	82.421
1.004	14.712			
4/20/2016 1:00:00 AM	646200.000	131.618	20.373	299.997
12133.398	13309.558	7.759	9050.500	82.417
1.004	14.705			
4/20/2016 1:15:00 AM	647100.000	131.611	20.382	299.982
12136.647	13310.688	7.760	9051.268	82.395
1.004	14.708			
4/20/2016 1:30:00 AM	648000.000	131.645	20.379	300.060
12132.898	13307.329	7.758	9048.983	82.421
1.004	14.704			
4/20/2016 1:45:00 AM	648900.000	131.610	20.377	299.981
12136.212	13311.600	7.760	9051.889	82.398
1.004	14.703			
4/20/2016 2:00:00 AM	649800.000	131.611	20.373	299.982
12129.927	13305.799	7.757	9047.944	82.441
1.004	14.697			
4/20/2016 2:15:00 AM	650700.000	131.611	20.373	299.981
12131.721	13307.767	7.758	9049.282	82.429
1.004	14.706			
4/20/2016 2:30:00 AM	651600.000	131.606	20.383	299.971
12134.527	13308.046	7.758	9049.472	82.409
1.004	14.707			
4/20/2016 2:45:00 AM	652500.000	131.595	20.379	299.946
12132.887	13307.365	7.758	9049.010	82.421
1.004	14.707			
4/20/2016 3:00:00 AM	653400.000	131.591	20.378	299.936
12129.672	13304.305	7.756	9046.929	82.442
1.004	14.704			
4/20/2016 3:15:00 AM	654300.000	131.580	20.381	299.912
12131.440	13305.269	7.756	9047.584	82.430
1.004	14.703			
4/20/2016 3:30:00 AM	655200.000	131.582	20.376	299.915
12127.801	13302.593	7.755	9045.763	82.455
1.004	14.701			
4/20/2016 3:45:00 AM	656100.000	131.572	20.382	299.893
12129.476	13302.921	7.755	9045.987	82.444
1.004	14.694			
4/20/2016 4:00:00 AM	657000.000	131.577	20.378	299.906
12130.941	13305.479	7.757	9047.726	82.434
1.004	14.699			
4/20/2016 4:15:00 AM	657900.000	131.561	20.382	299.868
12129.714	13303.182	7.755	9046.164	82.442
1.004	14.703			
4/20/2016 4:30:00 AM	658800.000	131.554	20.384	299.853
12126.439	13298.861	7.752	9043.227	82.464
1.004	14.700			
4/20/2016 4:45:00 AM	659700.000	131.554	20.380	299.851
12124.916	13298.285	7.752	9042.834	82.475
1.004	14.700			

4/20/2016 5:00:00 AM	660600.000	131.543	20.384	299.827
12130.650	13303.431	7.755	9046.333	82.436
1.004	14.700			
4/20/2016 5:15:00 AM	661500.000	131.544	20.378	299.829
12128.327	13302.830	7.755	9045.925	82.452
1.004	14.702			
4/20/2016 5:30:00 AM	662400.000	131.527	20.377	299.791
12129.421	13304.151	7.756	9046.823	82.444
1.004	14.707			
4/20/2016 5:45:00 AM	663300.000	131.534	20.378	299.806
12126.800	13301.057	7.754	9044.719	82.462
1.004	14.697			
4/20/2016 6:00:00 AM	664200.000	131.513	20.379	299.758
12129.966	13304.287	7.756	9046.915	82.440
1.004	14.698			
4/20/2016 6:15:00 AM	665100.000	131.525	20.377	299.785
12131.286	13306.099	7.757	9048.148	82.431
1.004	14.699			
4/20/2016 6:30:00 AM	666000.000	131.525	20.377	299.786
12131.698	13306.649	7.757	9048.522	82.429
1.004	14.700			
4/20/2016 6:45:00 AM	666900.000	131.517	20.377	299.769
12133.726	13308.821	7.759	9049.999	82.415
1.004	14.707			
4/20/2016 7:00:00 AM	667800.000	131.512	20.377	299.756
12130.271	13305.057	7.756	9047.438	82.438
1.004	14.704			
4/20/2016 7:15:00 AM	668700.000	131.513	20.383	299.758
12132.605	13305.892	7.757	9048.007	82.423
1.004	14.706			
4/20/2016 7:30:00 AM	669600.000	131.532	20.382	299.803
12138.862	13313.117	7.761	9052.920	82.380
1.004	14.700			
4/20/2016 7:45:00 AM	670500.000	131.551	20.377	299.845
12134.972	13310.142	7.759	9050.896	82.406
1.004	14.706			
4/20/2016 8:00:00 AM	671400.000	131.526	20.376	299.789
12142.419	13318.796	7.765	9056.782	82.356
1.004	14.707			
4/20/2016 8:15:00 AM	672300.000	131.518	20.380	299.769
12144.006	13319.294	7.765	9057.120	82.345
1.004	14.711			
4/20/2016 8:30:00 AM	673200.000	131.535	20.386	299.809
12148.948	13322.963	7.768	9059.616	82.312
1.004	14.710			
4/20/2016 8:45:00 AM	674100.000	131.539	20.383	299.818
12146.827	13321.535	7.767	9058.645	82.326
1.004	14.708			
4/20/2016 9:00:00 AM	675000.000	131.545	20.382	299.831
12149.073	13324.241	7.768	9060.485	82.311
1.004	14.709			
4/20/2016 9:15:00 AM	675900.000	131.542	20.380	299.825
12148.745	13324.542	7.769	9060.689	82.313
1.004	14.713			
4/20/2016 9:30:00 AM	676800.000	131.545	20.381	299.831
12153.262	13329.154	7.771	9063.825	82.282

1.004 14.713
4/20/2016 9:45:00 AM 677700.000 131.553 20.381 299.849
12155.665 13331.862 7.773 9065.666 82.266
1.004 14.722
4/20/2016 10:00:00 AM 678600.000 131.557 20.381 299.859
12152.730 13328.548 7.771 9063.414 82.286
1.004 14.715
4/20/2016 10:15:00 AM 679500.000 131.556 20.381 299.856
12158.127 13334.467 7.775 9067.438 82.250
1.004 14.714
4/20/2016 10:30:00 AM 680400.000 131.574 20.381 299.898
12158.173 13334.613 7.775 9067.537 82.249
1.004 14.710
4/20/2016 10:45:00 AM 681300.000 131.564 20.379 299.875
12161.417 13338.683 7.777 9070.305 82.227
1.004 14.719
4/20/2016 11:00:00 AM 682200.000 131.559 20.378 299.864
12162.872 13340.523 7.779 9071.556 82.217
1.004 14.720
4/20/2016 11:15:00 AM 683100.000 131.598 20.374 299.952
12167.039 13346.190 7.782 9075.410 82.189
1.004 14.723
4/20/2016 11:30:00 AM 684000.000 131.580 20.377 299.912
12166.809 13345.062 7.781 9074.643 82.191
1.004 14.715
4/20/2016 11:45:00 AM 684900.000 131.587 20.381 299.926
12166.745 13343.919 7.781 9073.866 82.191
1.004 14.713
4/20/2016 12:00:00 PM 685800.000 131.577 20.385 299.905
12168.382 13344.737 7.781 9074.422 82.180
1.004 14.720
4/20/2016 12:15:00 PM 686700.000 131.568 20.379 299.885
12168.802 13346.733 7.783 9075.779 82.177
1.004 14.717
4/20/2016 12:30:00 PM 687600.000 131.577 20.385 299.905
12172.178 13348.828 7.784 9077.204 82.155
1.004 14.718
4/20/2016 12:45:00 PM 688500.000 131.580 20.379 299.911
12172.877 13351.329 7.785 9078.905 82.150
1.004 14.715
4/20/2016 1:00:00 PM 689400.000 131.571 20.381 299.891
12175.577 13353.605 7.787 9080.453 82.132
1.004 14.717
4/20/2016 1:15:00 PM 690300.000 131.598 20.375 299.952
12172.438 13352.043 7.786 9079.391 82.153
1.004 14.719
4/20/2016 1:30:00 PM 691200.000 131.558 20.381 299.861
12176.730 13355.016 7.788 9081.411 82.124
1.004 14.720
4/20/2016 1:45:00 PM 692100.000 131.556 20.381 299.857
12175.735 13353.802 7.787 9080.586 82.131
1.004 14.717
4/20/2016 2:00:00 PM 693000.000 131.554 20.381 299.851
12177.347 13355.715 7.788 9081.887 82.120
1.004 14.712
4/20/2016 2:15:00 PM 693900.000 131.543 20.381 299.826

12179.631	13358.099	7.790	9083.508	82.104
1.004	14.715			
4/20/2016 2:30:00 PM	694800.000	131.531	20.375	299.799
12178.821	13358.775	7.790	9083.968	82.110
1.004	14.714			
4/20/2016 2:45:00 PM	695700.000	131.532	20.378	299.802
12179.425	13358.876	7.790	9084.037	82.106
1.004	14.705			
4/20/2016 3:00:00 PM	696600.000	131.521	20.378	299.776
12182.775	13362.331	7.792	9086.385	82.083
1.004	14.711			
4/20/2016 3:15:00 PM	697500.000	131.514	20.373	299.760
12181.535	13362.410	7.792	9086.440	82.091
1.004	14.715			
4/20/2016 3:30:00 PM	698400.000	131.512	20.376	299.757
12181.406	13361.438	7.792	9085.778	82.092
1.004	14.710			
4/20/2016 3:45:00 PM	699300.000	131.502	20.376	299.734
12182.633	13362.905	7.793	9086.775	82.084
1.004	14.706			
4/20/2016 4:00:00 PM	700200.000	131.489	20.383	299.705
12186.271	13364.842	7.794	9088.093	82.060
1.004	14.706			
4/20/2016 4:15:00 PM	701100.000	131.512	20.382	299.757
12187.289	13366.376	7.795	9089.136	82.053
1.004	14.709			
4/20/2016 4:30:00 PM	702000.000	131.473	20.379	299.668
12186.111	13365.819	7.795	9088.758	82.061
1.004	14.705			
4/20/2016 4:45:00 PM	702900.000	131.457	20.380	299.632
12185.226	13364.431	7.794	9087.813	82.067
1.004	14.706			
4/20/2016 5:00:00 PM	703800.000	131.471	20.379	299.663
12188.775	13368.837	7.796	9090.810	82.043
1.004	14.703			
4/20/2016 5:15:00 PM	704700.000	131.451	20.374	299.616
12187.455	13368.635	7.796	9090.673	82.052
1.004	14.706			
4/20/2016 5:30:00 PM	705600.000	131.449	20.382	299.614
12191.103	13370.390	7.797	9091.865	82.027
1.004	14.696			
4/20/2016 5:45:00 PM	706500.000	131.447	20.381	299.608
12191.959	13371.718	7.798	9092.769	82.021
1.004	14.699			
4/20/2016 6:00:00 PM	707400.000	131.434	20.378	299.578
12191.192	13371.783	7.798	9092.813	82.026
1.004	14.704			
4/20/2016 6:15:00 PM	708300.000	131.453	20.376	299.623
12197.403	13378.912	7.803	9097.661	81.985
1.004	14.703			
4/20/2016 6:30:00 PM	709200.000	131.422	20.381	299.552
12197.157	13377.369	7.802	9096.612	81.986
1.004	14.702			
4/20/2016 6:45:00 PM	710100.000	131.419	20.378	299.545
12197.341	13378.429	7.802	9097.332	81.985
1.004	14.701			

4/20/2016 7:00:00 PM	711000.000	131.416	20.376	299.539
12199.149	13380.853	7.804	9098.979	81.973
1.004	14.701			
4/20/2016 7:15:00 PM	711900.000	131.401	20.374	299.503
12200.803	13383.203	7.805	9100.578	81.962
1.004	14.706			
4/20/2016 7:30:00 PM	712800.000	131.405	20.378	299.512
12205.530	13387.264	7.808	9103.340	81.930
1.004	14.699			
4/20/2016 7:45:00 PM	713700.000	131.380	20.382	299.454
12209.956	13391.111	7.811	9105.956	81.900
1.004	14.705			
4/20/2016 8:00:00 PM	714600.000	131.398	20.377	299.496
12206.846	13389.048	7.809	9104.553	81.921
1.004	14.697			
4/20/2016 8:15:00 PM	715500.000	131.393	20.375	299.486
12208.528	13391.579	7.811	9106.273	81.910
1.004	14.699			
4/20/2016 8:30:00 PM	716400.000	131.380	20.377	299.456
12214.244	13397.286	7.814	9110.155	81.872
1.004	14.700			
4/20/2016 8:45:00 PM	717300.000	131.413	20.378	299.530
12218.799	13401.816	7.817	9113.235	81.841
1.004	14.703			
4/20/2016 9:00:00 PM	718200.000	131.387	20.373	299.471
12217.097	13401.491	7.817	9113.015	81.853
1.004	14.714			
4/20/2016 9:15:00 PM	719100.000	131.381	20.373	299.459
12219.313	13403.802	7.818	9114.585	81.838
1.004	14.708			
4/20/2016 9:30:00 PM	720000.000	131.385	20.373	299.468
12219.810	13404.346	7.819	9114.956	81.834
1.004	14.711			
4/20/2016 9:45:00 PM	720900.000	131.387	20.378	299.471
12226.586	13410.357	7.823	9119.043	81.789
1.004	14.708			
4/20/2016 10:00:00 PM	721800.000	131.386	20.377	299.470
12226.298	13410.530	7.823	9119.161	81.791
1.004	14.709			
4/20/2016 10:15:00 PM	722700.000	131.377	20.379	299.448
12228.404	13412.154	7.824	9120.265	81.777
1.004	14.715			
4/20/2016 10:30:00 PM	723600.000	131.385	20.373	299.467
12231.064	13416.912	7.827	9123.501	81.759
1.004	14.713			
4/20/2016 10:45:00 PM	724500.000	131.405	20.382	299.512
12233.542	13416.834	7.827	9123.447	81.742
1.004	14.711			
4/20/2016 11:00:00 PM	725400.000	131.376	20.375	299.448
12235.335	13420.887	7.829	9126.203	81.730
1.004	14.710			
4/20/2016 11:15:00 PM	726300.000	131.379	20.382	299.453
12243.318	13427.579	7.833	9130.755	81.677
1.004	14.710			
4/20/2016 11:30:00 PM	727200.000	131.384	20.373	299.465
12238.558	13424.983	7.832	9128.989	81.709

1.004 14.708
4/20/2016 11:45:00 PM 728100.000 131.380 20.372 299.456
12239.296 13425.966 7.832 9129.658 81.704
1.004 14.703

Report Date: 4/22/2016 8:18:17 AM
Report User Name: KMakar
Report Computer Name: WKST46
Application: WinSitu.exe
Application Version: 5.6.25.0

Log File Properties:
File Name: MPWSP MW-8M_2016-04-21_13-29-25-817.wsl
Create Date: 4/21/2016 1:26:54 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

TDS Factor: 0.68

Log Notes:

Date and Time	Note
7/17/2015 2:05:13 PM	Used Battery: 2% Used Memory: 1% User Name: CShaw
7/17/2015 2:12:53 PM	Sensor SN: 410757 Cache Timeout: 1000 User Name: CShaw
7/17/2015 2:13:04 PM	Device Taken Offline
7/17/2015 2:14:23 PM	Sensor SN: 410757 Actual conductivity calibration. Cell Constant: 1.01613 Cell Offset: 0 Reference Temperature: 25 Temperature Coefficient: 0.0191 User Name: CShaw
7/17/2015 2:17:36 PM	Device Put Online
7/17/2015 2:17:37 PM	Sensor SN: 410757 Cache Timeout: 1750 User Name: CShaw
7/23/2015 3:21:47 PM	Log Download - Used Battery: 3% Used Memory: 1% User Name: KMakar
7/30/2015 3:29:40 PM	Log Download - Used Battery: 3% Used Memory: 3% User Name: BDuarte
7/31/2015 4:45:26 PM	Log Download - Used Battery: 3% Used Memory: 3% User Name: BDuarte Interval - Start Time: 7/30/2015 3:15:00 PM
8/3/2015 3:59:57 PM	Log Download - Used Battery: 4% Used Memory: 3% User Name: BDuarte Interval - Start Time: 7/31/2015 4:45:00 PM
8/6/2015 5:09:26 PM	Log Download - Used Battery: 4% Used Memory: 3% User Name: CShaw
8/13/2015 10:39:42 AM	Log Download - Used Battery: 4% Used Memory: 4% User Name: KMakar Interval - Start Time: 7/23/2015 3:15:00 PM
8/20/2015 3:51:09 PM	Log Download - Used Battery: 4% Used Memory: 4% User Name: BDuarte Interval - Start Time: 8/3/2015 4:00:00 PM
8/27/2015 8:58:51 AM	Log Download - Used Battery: 5% Used Memory: 6% User Name: KMakar
9/3/2015 12:19:33 PM	Log Download - Used Battery: 5% Used Memory: 6% User Name: CShaw Interval - Start Time: 8/1/2015 5:30:00 PM Stop Time: 9/3/2015 12:45:00 PM
9/10/2015 9:04:13 AM	Log Download - Used Battery: 6% Used Memory: 7% User Name: KMakar Interval - Start Time: 8/10/2015 8:30:00 AM Stop Time: 9/10/2015 9:00:00 AM
9/17/2015 9:04:50 AM	Log Download - Used Battery: 6% Used Memory: 7% User Name: KMakar Interval - Start Time: 9/1/2015 5:30:00 AM Stop Time: 9/17/2015 9:05:00 AM
9/24/2015 5:31:49 PM	Log Download - Used Battery: 6% Used Memory: 9% User Name: CShaw Interval - Start Time: 9/1/2015 5:30:00 PM Stop Time: 9/24/2015 9:00:00 AM
9/24/2015 6:15:32 PM	Log Download - Used Battery: 6% Used Memory: 9% User Name: CShaw Interval - Start Time: 9/1/2015 5:30:00 PM Stop Time: 9/24/2015 10:00:00 PM
10/1/2015 9:29:51 AM	Log Download - Used Battery: 7% Used Memory: 9% User Name: KMakar Interval - Start Time: 9/15/2015 7:30:00 AM Stop Time: 10/1/2015 9:30:00 AM
10/8/2015 11:11:25 AM	Log Download - Used Battery: 7% Used Memory: 10% User Name: CShaw Interval - Start Time: 9/14/2015 5:30:00 PM Stop Time: 10/8/2015 12:00:00 PM
10/15/2015 10:51:31 AM	Log Download - Used Battery: 7% Used Memory: 10% User Name: KMakar Interval - Start Time: 9/30/2015 7:30:00 AM Stop Time: 10/15/2015 10:55:00 AM
10/22/2015 10:15:08 AM	Log Download - Used Battery: 8% Used Memory: 12% User Name: CShaw Interval - Start Time: 10/1/2015 3:05:00 AM Stop Time: 10/22/2015 11:00:00 AM
10/29/2015 12:49:21 PM	Log Download - Used Battery: 8% Used Memory: 12% User Name: KMakar Interval - Start Time: 10/13/2015 6:15:00 AM Stop Time: 10/29/2015 12:50:00 PM
11/5/2015 9:07:17 AM	Log Download - Used Battery: 8% Used Memory: 14% User Name: KMakar Interval - Start Time: 10/20/2015 6:15:00 AM Stop Time: 11/5/2015 9:10:00 AM
11/12/2015 1:33:29 PM	Log Download - Used Battery: 9% Used Memory: 14% User Name: CShaw Interval - Start Time: 10/27/2015 11:00:00 AM Stop Time: 11/12/2015 1:30:00 PM
11/19/2015 10:05:10 AM	Log Download - Used Battery: 9% Used Memory: 15% User Name: KMakar Interval - Start Time: 11/1/2015 7:00:00 AM Stop Time: 11/19/2015 10:05:00 AM
11/29/2015 11:04:26 AM	Log Download - Used Battery: 10% Used Memory: 17% User Name: CShaw Interval - Start 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

Log Data:
Record Count: 864
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	Sensor: PCTD(G) 231ft	Sensor: PCTD(G) 231ft	Sensor: PCTD(G) 231ft	Sensor: PCTD(G) 231ft	Sensor: PCTD(G) 231ft	Sensor: PCTD(G) 231ft
Elapsed Time	SN#: 410757	SN#: 410757	SN#: 410757	SN#: 410757	SN#: 410757	SN#: 410757	SN#: 410757	SN#: 410757	SN#: 410757
Date and Time	Seconds	Pressure (PSI)	Temperature (C)	Depth (ft)	Actual Conductivity (µS)	Specific Conductivity (µS)	Total Dissolved Solids (ppt)	Salinity (PSU)	

Resistivity (ohm-cm)	Water Density (g/cm3)			
4/14/2016 12:00:00 AM	124200.000	71.366	17.357	160.760
40718.148	47678.129	32.421	31.232	24.559
1.023				
4/14/2016 12:15:00 AM	125100.000	71.367	17.354	160.761
40692.215	47650.664	32.402	31.212	24.575
1.023				
4/14/2016 12:30:00 AM	126000.000	71.345	17.356	160.712
40662.461	47614.418	32.378	31.186	24.593
1.023				
4/14/2016 12:45:00 AM	126900.000	71.365	17.356	160.757
40683.145	47638.539	32.394	31.203	24.580
1.023				
4/14/2016 1:00:00 AM	127800.000	71.361	17.358	160.747
40693.902	47648.438	32.401	31.211	24.574
1.023				
4/14/2016 1:15:00 AM	128700.000	71.360	17.360	160.746
40667.391	47615.160	32.378	31.187	24.590
1.023				
4/14/2016 1:30:00 AM	129600.000	71.360	17.355	160.746
40673.496	47628.543	32.387	31.196	24.586
1.023				
4/14/2016 1:45:00 AM	130500.000	71.365	17.359	160.756
40706.672	47662.730	32.411	31.221	24.566
1.023				
4/14/2016 2:00:00 AM	131400.000	71.369	17.354	160.766
40666.484	47620.617	32.382	31.190	24.590
1.023				
4/14/2016 2:15:00 AM	132300.000	71.375	17.355	160.780
40695.219	47653.328	32.404	31.214	24.573
1.023				
4/14/2016 2:30:00 AM	133200.000	71.380	17.353	160.791
40679.719	47637.039	32.393	31.202	24.582
1.023				
4/14/2016 2:45:00 AM	134100.000	71.380	17.351	160.791
40685.793	47646.961	32.400	31.209	24.579
1.023				
4/14/2016 3:00:00 AM	135000.000	71.374	17.355	160.776
40688.953	47645.719	32.399	31.209	24.577
1.023				
4/14/2016 3:15:00 AM	135900.000	71.386	17.359	160.803
40648.625	47595.145	32.365	31.172	24.601
1.022				
4/14/2016 3:30:00 AM	136800.000	71.393	17.358	160.820
40691.852	47646.598	32.400	31.209	24.575
1.023				
4/14/2016 3:45:00 AM	137700.000	71.401	17.358	160.838
40658.203	47607.012	32.373	31.181	24.595
1.023				
4/14/2016 4:00:00 AM	138600.000	71.407	17.356	160.852
40698.500	47656.617	32.407	31.217	24.571
1.023				
4/14/2016 4:15:00 AM	139500.000	71.410	17.357	160.859

40702.770	47659.934	32.409	31.219	24.568
1.023				
4/14/2016 4:30:00 AM	140400.000	71.414	17.363	160.866
40688.984	47638.113	32.394	31.204	24.577
1.023				
4/14/2016 4:45:00 AM	141300.000	71.422	17.361	160.885
40681.434	47631.508	32.389	31.199	24.581
1.023				
4/14/2016 5:00:00 AM	142200.000	71.427	17.357	160.896
40701.863	47658.871	32.408	31.218	24.569
1.023				
4/14/2016 5:15:00 AM	143100.000	71.429	17.355	160.902
40678.410	47634.395	32.391	31.200	24.583
1.023				
4/14/2016 5:30:00 AM	144000.000	71.436	17.358	160.916
40686.473	47639.926	32.395	31.205	24.578
1.023				
4/14/2016 5:45:00 AM	144900.000	71.425	17.359	160.892
40686.691	47638.965	32.394	31.204	24.578
1.023				
4/14/2016 6:00:00 AM	145800.000	71.445	17.356	160.937
40679.871	47634.527	32.391	31.201	24.582
1.023				
4/14/2016 6:15:00 AM	146700.000	71.442	17.360	160.930
40687.902	47640.195	32.395	31.205	24.577
1.023				
4/14/2016 6:30:00 AM	147600.000	71.448	17.353	160.942
40660.773	47615.145	32.378	31.186	24.594
1.023				
4/14/2016 6:45:00 AM	148500.000	71.448	17.357	160.942
40630.344	47575.957	32.352	31.158	24.612
1.022				
4/14/2016 7:00:00 AM	149400.000	71.451	17.353	160.950
40661.758	47616.676	32.379	31.187	24.593
1.023				
4/14/2016 7:15:00 AM	150300.000	71.451	17.356	160.950
40695.281	47653.035	32.404	31.214	24.573
1.023				
4/14/2016 7:30:00 AM	151200.000	71.433	17.357	160.911
40670.777	47622.758	32.383	31.192	24.588
1.023				
4/14/2016 7:45:00 AM	152100.000	71.446	17.355	160.939
40688.859	47645.879	32.399	31.209	24.577
1.023				
4/14/2016 8:00:00 AM	153000.000	71.441	17.358	160.928
40678.582	47630.500	32.389	31.198	24.583
1.023				
4/14/2016 8:15:00 AM	153900.000	71.439	17.353	160.922
40684.871	47643.180	32.397	31.207	24.579
1.023				
4/14/2016 8:30:00 AM	154800.000	71.434	17.351	160.913
40663.113	47619.836	32.381	31.190	24.592
1.023				
4/14/2016 8:45:00 AM	155700.000	71.429	17.357	160.902
40674.543	47627.629	32.387	31.196	24.585
1.023				

4/14/2016 9:00:00 AM	156600.000	71.423	17.358	160.888
40671.203	47622.695	32.383	31.192	24.587
1.023				
4/14/2016 9:15:00 AM	157500.000	71.417	17.360	160.874
40711.473	47667.141	32.414	31.225	24.563
1.023				
4/14/2016 9:30:00 AM	158400.000	71.411	17.360	160.861
40720.898	47678.641	32.421	31.233	24.557
1.023				
4/14/2016 9:45:00 AM	159300.000	71.404	17.357	160.845
40680.340	47634.230	32.391	31.200	24.582
1.023				
4/14/2016 10:00:00 AM	160200.000	71.397	17.355	160.828
40679.324	47635.000	32.392	31.201	24.583
1.023				
4/14/2016 10:15:00 AM	161100.000	71.404	17.355	160.844
40672.605	47627.328	32.387	31.195	24.587
1.023				
4/14/2016 10:30:00 AM	162000.000	71.384	17.359	160.799
40679.879	47631.172	32.389	31.198	24.582
1.023				
4/14/2016 10:45:00 AM	162900.000	71.372	17.354	160.772
40679.512	47636.156	32.393	31.202	24.582
1.023				
4/14/2016 11:00:00 AM	163800.000	71.364	17.361	160.754
40689.375	47640.160	32.395	31.205	24.576
1.023				
4/14/2016 11:15:00 AM	164700.000	71.358	17.358	160.740
40688.215	47642.047	32.397	31.206	24.577
1.023				
4/14/2016 11:30:00 AM	165600.000	71.344	17.359	160.709
40694.820	47648.762	32.401	31.211	24.573
1.023				
4/14/2016 11:45:00 AM	166500.000	71.324	17.357	160.665
40649.113	47596.926	32.366	31.173	24.601
1.022				
4/14/2016 12:00:00 PM	167400.000	71.315	17.352	160.644
40691.574	47652.703	32.404	31.214	24.575
1.023				
4/14/2016 12:15:00 PM	168300.000	71.322	17.358	160.660
40698.449	47654.031	32.405	31.215	24.571
1.023				
4/14/2016 12:30:00 PM	169200.000	71.315	17.351	160.644
40656.629	47612.902	32.377	31.184	24.596
1.023				
4/14/2016 12:45:00 PM	170100.000	71.291	17.355	160.590
40715.762	47677.668	32.421	31.232	24.561
1.023				
4/14/2016 1:00:00 PM	171000.000	71.300	17.355	160.611
40692.965	47650.688	32.402	31.212	24.574
1.023				
4/14/2016 1:15:00 PM	171900.000	71.301	17.356	160.611
40692.098	47649.309	32.402	31.211	24.575
1.023				
4/14/2016 1:30:00 PM	172800.000	71.293	17.354	160.594
40670.316	47625.844	32.386	31.194	24.588

1.023
4/14/2016 1:45:00 PM 173700.000 71.291 17.355 160.591
40691.406 47648.863 32.401 31.211 24.575
1.023
4/14/2016 2:00:00 PM 174600.000 71.268 17.358 160.538
40663.836 47613.500 32.377 31.185 24.592
1.023
4/14/2016 2:15:00 PM 175500.000 71.282 17.359 160.570
40710.133 47666.691 32.413 31.224 24.564
1.023
4/14/2016 2:30:00 PM 176400.000 71.282 17.358 160.569
40688.770 47643.176 32.397 31.207 24.577
1.023
4/14/2016 2:45:00 PM 177300.000 71.280 17.357 160.566
40653.215 47602.094 32.369 31.177 24.598
1.023
4/14/2016 3:00:00 PM 178200.000 71.279 17.359 160.563
40670.801 47620.641 32.382 31.191 24.588
1.023
4/14/2016 3:15:00 PM 179100.000 71.276 17.359 160.557
40710.598 47666.871 32.413 31.224 24.564
1.023
4/14/2016 3:30:00 PM 180000.000 71.277 17.360 160.558
40716.004 47672.445 32.417 31.228 24.560
1.023
4/14/2016 3:45:00 PM 180900.000 71.281 17.357 160.566
40723.762 47685.262 32.426 31.238 24.556
1.023
4/14/2016 4:00:00 PM 181800.000 71.285 17.357 160.576
40739.727 47703.027 32.438 31.251 24.546
1.023
4/14/2016 4:15:00 PM 182700.000 71.284 17.362 160.575
40729.359 47685.668 32.426 31.238 24.552
1.023
4/14/2016 4:30:00 PM 183600.000 71.286 17.357 160.579
40739.430 47703.422 32.438 31.251 24.546
1.023
4/14/2016 4:45:00 PM 184500.000 71.280 17.359 160.565
40722.574 47681.449 32.423 31.235 24.556
1.023
4/14/2016 5:00:00 PM 185400.000 71.307 17.357 160.626
40751.863 47717.707 32.448 31.261 24.539
1.023
4/14/2016 5:15:00 PM 186300.000 71.306 17.355 160.624
40673.391 47628.145 32.387 31.196 24.586
1.023
4/14/2016 5:30:00 PM 187200.000 71.312 17.357 160.637
40744.305 47708.945 32.442 31.255 24.543
1.023
4/14/2016 5:45:00 PM 188100.000 71.317 17.360 160.650
40726.816 47685.105 32.426 31.238 24.554
1.023
4/14/2016 6:00:00 PM 189000.000 71.323 17.356 160.662
40692.449 47649.719 32.402 31.212 24.575
1.023
4/14/2016 6:15:00 PM 189900.000 71.317 17.360 160.648

40779.723 47747.434 32.468 31.283 24.522
1.023
4/14/2016 6:30:00 PM 190800.000 71.338 17.355 160.696
40743.254 47709.574 32.443 31.255 24.544
1.023
4/14/2016 6:45:00 PM 191700.000 71.345 17.363 160.711
40744.391 47702.695 32.438 31.251 24.543
1.023
4/14/2016 7:00:00 PM 192600.000 71.332 17.358 160.683
40732.336 47694.277 32.432 31.244 24.551
1.023
4/14/2016 7:15:00 PM 193500.000 71.354 17.362 160.733
40735.512 47693.613 32.432 31.244 24.549
1.023
4/14/2016 7:30:00 PM 194400.000 71.359 17.356 160.743
40694.324 47651.914 32.403 31.213 24.573
1.023
4/14/2016 7:45:00 PM 195300.000 71.367 17.356 160.761
40748.902 47714.891 32.446 31.259 24.541
1.023
4/14/2016 8:00:00 PM 196200.000 71.369 17.363 160.766
40713.840 47667.023 32.414 31.225 24.562
1.023
4/14/2016 8:15:00 PM 197100.000 71.361 17.359 160.748
40725.488 47684.305 32.425 31.237 24.555
1.023
4/14/2016 8:30:00 PM 198000.000 71.379 17.362 160.787
40760.129 47722.629 32.451 31.265 24.534
1.023
4/14/2016 8:45:00 PM 198900.000 71.376 17.352 160.781
40715.383 47679.934 32.422 31.233 24.561
1.023
4/14/2016 9:00:00 PM 199800.000 71.382 17.353 160.794
40733.156 47699.910 32.436 31.248 24.550
1.023
4/14/2016 9:15:00 PM 200700.000 71.383 17.358 160.797
40730.152 47690.883 32.430 31.242 24.552
1.023
4/14/2016 9:30:00 PM 201600.000 71.383 17.358 160.797
40744.199 47708.168 32.442 31.254 24.543
1.023
4/14/2016 9:45:00 PM 202500.000 71.371 17.358 160.770
40709.711 47667.598 32.414 31.225 24.564
1.023
4/14/2016 10:00:00 PM 203400.000 71.388 17.359 160.808
40710.430 47666.848 32.413 31.224 24.564
1.023
4/14/2016 10:15:00 PM 204300.000 71.387 17.358 160.807
40715.605 47674.039 32.418 31.230 24.561
1.023
4/14/2016 10:30:00 PM 205200.000 71.384 17.358 160.798
40698.520 47654.031 32.405 31.215 24.571
1.023
4/14/2016 10:45:00 PM 206100.000 71.386 17.357 160.804
40731.836 47694.719 32.432 31.245 24.551
1.023

4/14/2016 11:00:00 PM	207000.000	71.384	17.362	160.798
40727.988	47684.145	32.425	31.237	24.553
1.023				
4/14/2016 11:15:00 PM	207900.000	71.384	17.361	160.799
40719.449	47675.543	32.419	31.231	24.558
1.023				
4/14/2016 11:30:00 PM	208800.000	71.382	17.361	160.794
40719.215	47674.996	32.419	31.230	24.558
1.023				
4/14/2016 11:45:00 PM	209700.000	71.383	17.361	160.798
40757.777	47720.805	32.450	31.264	24.535
1.023				
4/15/2016 12:00:00 AM	210600.000	71.378	17.359	160.786
40742.000	47703.813	32.439	31.251	24.545
1.023				
4/15/2016 12:15:00 AM	211500.000	71.375	17.359	160.779
40691.164	47644.117	32.398	31.208	24.575
1.023				
4/15/2016 12:30:00 AM	212400.000	71.375	17.358	160.779
40745.211	47709.078	32.442	31.255	24.543
1.023				
4/15/2016 12:45:00 AM	213300.000	71.373	17.360	160.775
40690.289	47642.613	32.397	31.207	24.576
1.023				
4/15/2016 1:00:00 AM	214200.000	71.371	17.364	160.771
40736.168	47692.418	32.431	31.243	24.548
1.023				
4/15/2016 1:15:00 AM	215100.000	71.369	17.355	160.767
40746.414	47713.652	32.445	31.258	24.542
1.023				
4/15/2016 1:30:00 AM	216000.000	71.369	17.356	160.766
40652.707	47603.180	32.370	31.178	24.599
1.023				
4/15/2016 1:45:00 AM	216900.000	71.367	17.357	160.761
40734.121	47697.395	32.434	31.246	24.549
1.023				
4/15/2016 2:00:00 AM	217800.000	71.367	17.360	160.761
40719.422	47677.016	32.420	31.232	24.558
1.023				
4/15/2016 2:15:00 AM	218700.000	71.353	17.362	160.729
40709.793	47663.500	32.411	31.222	24.564
1.023				
4/15/2016 2:30:00 AM	219600.000	71.364	17.359	160.754
40709.395	47666.020	32.413	31.224	24.564
1.023				
4/15/2016 2:45:00 AM	220500.000	71.373	17.364	160.775
40670.176	47614.598	32.378	31.186	24.588
1.023				
4/15/2016 3:00:00 AM	221400.000	71.375	17.362	160.780
40707.641	47660.980	32.409	31.220	24.565
1.023				
4/15/2016 3:15:00 AM	222300.000	71.378	17.363	160.786
40697.570	47647.977	32.401	31.211	24.571
1.023				
4/15/2016 3:30:00 AM	223200.000	71.380	17.354	160.790
40713.613	47676.652	32.420	31.231	24.562

1.023
4/15/2016 3:45:00 AM 224100.000 71.384 17.359 160.798
40715.953 47673.141 32.418 31.229 24.560
1.023
4/15/2016 4:00:00 AM 225000.000 71.384 17.362 160.798
40736.465 47694.922 32.433 31.245 24.548
1.023
4/15/2016 4:15:00 AM 225900.000 71.386 17.363 160.805
40702.000 47652.516 32.404 31.214 24.569
1.023
4/15/2016 4:30:00 AM 226800.000 71.389 17.360 160.811
40704.945 47659.773 32.409 31.219 24.567
1.023
4/15/2016 4:45:00 AM 227700.000 71.394 17.353 160.823
40664.285 47619.070 32.381 31.189 24.592
1.023
4/15/2016 5:00:00 AM 228600.000 71.385 17.358 160.801
40684.453 47638.121 32.394 31.203 24.579
1.023
4/15/2016 5:15:00 AM 229500.000 71.399 17.364 160.833
40726.285 47680.848 32.423 31.235 24.554
1.023
4/15/2016 5:30:00 AM 230400.000 71.407 17.362 160.850
40679.570 47627.738 32.387 31.196 24.582
1.023
4/15/2016 5:45:00 AM 231300.000 71.410 17.361 160.859
40719.773 47676.398 32.420 31.231 24.558
1.023
4/15/2016 6:00:00 AM 232200.000 71.415 17.355 160.870
40669.590 47623.691 32.384 31.193 24.588
1.023
4/15/2016 6:15:00 AM 233100.000 71.419 17.357 160.877
40655.184 47604.313 32.371 31.179 24.597
1.023
4/15/2016 6:30:00 AM 234000.000 71.426 17.353 160.893
40708.926 47672.180 32.417 31.228 24.565
1.023
4/15/2016 6:45:00 AM 234900.000 71.427 17.361 160.896
40692.117 47643.453 32.398 31.207 24.575
1.023
4/15/2016 7:00:00 AM 235800.000 71.425 17.359 160.892
40677.012 47627.719 32.387 31.196 24.584
1.023
4/15/2016 7:15:00 AM 236700.000 71.430 17.363 160.903
40702.086 47653.352 32.404 31.215 24.569
1.023
4/15/2016 7:30:00 AM 237600.000 71.433 17.356 160.909
40692.348 47649.316 32.402 31.211 24.575
1.023
4/15/2016 7:45:00 AM 238500.000 71.435 17.357 160.915
40673.531 47625.699 32.385 31.194 24.586
1.023
4/15/2016 8:00:00 AM 239400.000 71.436 17.357 160.917
40700.172 47657.270 32.407 31.217 24.570
1.023
4/15/2016 8:15:00 AM 240300.000 71.432 17.357 160.908

40673.422 47625.391 32.385 31.194 24.586
1.023
4/15/2016 8:30:00 AM 241200.000 71.425 17.358 160.892
40677.992 47630.645 32.389 31.198 24.583
1.023
4/15/2016 8:45:00 AM 242100.000 71.434 17.356 160.912
40672.957 47626.609 32.386 31.195 24.586
1.023
4/15/2016 9:00:00 AM 243000.000 71.417 17.359 160.873
40644.195 47589.676 32.361 31.168 24.604
1.022
4/15/2016 9:15:00 AM 243900.000 71.411 17.365 160.860
40689.250 47636.082 32.393 31.202 24.577
1.023
4/15/2016 9:30:00 AM 244800.000 71.413 17.361 160.865
40714.367 47669.129 32.415 31.226 24.561
1.023
4/15/2016 9:45:00 AM 245700.000 71.421 17.356 160.883
40695.926 47653.602 32.404 31.214 24.572
1.023
4/15/2016 10:00:00 AM 246600.000 71.419 17.361 160.879
40675.660 47624.184 32.384 31.193 24.585
1.023
4/15/2016 10:15:00 AM 247500.000 71.396 17.360 160.825
40679.254 47629.508 32.388 31.197 24.583
1.023
4/15/2016 10:30:00 AM 248400.000 71.406 17.361 160.850
40727.949 47685.406 32.426 31.238 24.553
1.023
4/15/2016 10:45:00 AM 249300.000 71.396 17.359 160.827
40733.441 47693.984 32.432 31.244 24.550
1.023
4/15/2016 11:00:00 AM 250200.000 71.389 17.357 160.810
40720.625 47681.672 32.424 31.235 24.558
1.023
4/15/2016 11:15:00 AM 251100.000 71.384 17.363 160.799
40680.824 47628.559 32.387 31.197 24.582
1.023
4/15/2016 11:30:00 AM 252000.000 71.366 17.360 160.760
40677.809 47628.293 32.387 31.196 24.583
1.023
4/15/2016 11:45:00 AM 252900.000 71.368 17.361 160.763
40699.527 47652.047 32.403 31.214 24.570
1.023
4/15/2016 12:00:00 PM 253800.000 71.350 17.355 160.724
40682.652 47638.613 32.394 31.203 24.581
1.023
4/15/2016 12:15:00 PM 254700.000 71.356 17.365 160.737
40696.781 47645.004 32.399 31.209 24.572
1.023
4/15/2016 12:30:00 PM 255600.000 71.344 17.356 160.710
40700.293 47658.156 32.408 31.218 24.570
1.023
4/15/2016 12:45:00 PM 256500.000 71.337 17.360 160.695
40676.711 47626.715 32.386 31.195 24.584
1.023

4/15/2016 1:00:00 PM	257400.000	71.319	17.359	160.654
40736.426	47697.668	32.434	31.247	24.548
1.023				
4/15/2016 1:15:00 PM	258300.000	71.325	17.356	160.667
40660.730	47612.391	32.376	31.184	24.594
1.023				
4/15/2016 1:30:00 PM	259200.000	71.317	17.361	160.650
40708.004	47662.527	32.411	31.221	24.565
1.023				
4/15/2016 1:45:00 PM	260100.000	71.311	17.357	160.636
40655.059	47604.629	32.371	31.179	24.597
1.023				
4/15/2016 2:00:00 PM	261000.000	71.287	17.360	160.582
40688.184	47639.691	32.395	31.205	24.577
1.023				
4/15/2016 2:15:00 PM	261900.000	71.301	17.356	160.612
40725.832	47688.148	32.428	31.240	24.554
1.023				
4/15/2016 2:30:00 PM	262800.000	71.291	17.356	160.590
40689.070	47645.391	32.399	31.208	24.577
1.023				
4/15/2016 2:45:00 PM	263700.000	71.289	17.362	160.585
40701.246	47652.836	32.404	31.214	24.569
1.023				
4/15/2016 3:00:00 PM	264600.000	71.283	17.360	160.572
40693.199	47645.379	32.399	31.209	24.574
1.023				
4/15/2016 3:15:00 PM	265500.000	71.282	17.364	160.570
40721.605	47674.719	32.419	31.230	24.557
1.023				
4/15/2016 3:30:00 PM	266400.000	71.279	17.359	160.564
40681.418	47632.707	32.390	31.199	24.581
1.023				
4/15/2016 3:45:00 PM	267300.000	71.281	17.361	160.568
40709.395	47663.414	32.411	31.222	24.564
1.023				
4/15/2016 4:00:00 PM	268200.000	71.280	17.362	160.565
40681.414	47629.438	32.388	31.197	24.581
1.023				
4/15/2016 4:15:00 PM	269100.000	71.284	17.362	160.575
40667.664	47613.434	32.377	31.186	24.590
1.023				
4/15/2016 4:30:00 PM	270000.000	71.286	17.357	160.579
40680.594	47634.344	32.391	31.200	24.582
1.023				
4/15/2016 4:45:00 PM	270900.000	71.288	17.355	160.584
40680.129	47636.141	32.393	31.202	24.582
1.023				
4/15/2016 5:00:00 PM	271800.000	71.292	17.365	160.593
40663.094	47604.898	32.371	31.179	24.592
1.023				
4/15/2016 5:15:00 PM	272700.000	71.295	17.363	160.599
40688.973	47638.000	32.394	31.203	24.577
1.023				
4/15/2016 5:30:00 PM	273600.000	71.298	17.360	160.606
40701.293	47655.496	32.406	31.216	24.569

1.023
4/15/2016 5:45:00 PM 274500.000 71.306 17.362 160.623
40652.723 47596.582 32.366 31.173 24.599
1.022
4/15/2016 6:00:00 PM 275400.000 71.304 17.367 160.620
40672.977 47614.336 32.378 31.186 24.586
1.023
4/15/2016 6:15:00 PM 276300.000 71.300 17.362 160.610
40648.805 47592.289 32.363 31.170 24.601
1.022
4/15/2016 6:30:00 PM 277200.000 71.324 17.360 160.664
40673.988 47623.156 32.384 31.192 24.586
1.023
4/15/2016 6:45:00 PM 278100.000 71.314 17.363 160.642
40668.563 47614.105 32.378 31.186 24.589
1.023
4/15/2016 7:00:00 PM 279000.000 71.332 17.359 160.681
40719.410 47677.363 32.421 31.232 24.558
1.023
4/15/2016 7:15:00 PM 279900.000 71.322 17.356 160.661
40683.137 47638.352 32.394 31.203 24.580
1.023
4/15/2016 7:30:00 PM 280800.000 71.332 17.357 160.683
40676.484 47629.988 32.388 31.197 24.584
1.023
4/15/2016 7:45:00 PM 281700.000 71.350 17.355 160.724
40678.305 47634.172 32.391 31.200 24.583
1.023
4/15/2016 8:00:00 PM 282600.000 71.358 17.362 160.740
40706.332 47659.641 32.409 31.219 24.566
1.023
4/15/2016 8:15:00 PM 283500.000 71.361 17.358 160.747
40687.977 47642.246 32.397 31.206 24.577
1.023
4/15/2016 8:30:00 PM 284400.000 71.363 17.361 160.751
40673.625 47622.180 32.383 31.192 24.586
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4/15/2016 8:45:00 PM 285300.000 71.371 17.358 160.770
40642.262 47587.883 32.360 31.167 24.605
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4/15/2016 9:00:00 PM 286200.000 71.371 17.360 160.770
40682.816 47633.590 32.391 31.200 24.580
1.023
4/15/2016 9:15:00 PM 287100.000 71.374 17.357 160.778
40652.047 47601.199 32.369 31.176 24.599
1.023
4/15/2016 9:30:00 PM 288000.000 71.375 17.364 160.780
40648.078 47588.824 32.360 31.168 24.601
1.022
4/15/2016 9:45:00 PM 288900.000 71.378 17.363 160.786
40692.957 47642.102 32.397 31.207 24.574
1.023
4/15/2016 10:00:00 PM 289800.000 71.360 17.362 160.746
40678.645 47627.031 32.386 31.195 24.583
1.023
4/15/2016 10:15:00 PM 290700.000 71.367 17.359 160.762

40716.414	47673.680	32.418	31.229	24.560
1.023				
4/15/2016 10:30:00 PM	291600.000	71.382	17.360	160.796
40680.602	47631.457	32.389	31.199	24.582
1.023				
4/15/2016 10:45:00 PM	292500.000	71.382	17.358	160.794
40647.984	47595.508	32.365	31.172	24.601
1.022				
4/15/2016 11:00:00 PM	293400.000	71.369	17.362	160.766
40669.387	47615.629	32.379	31.187	24.589
1.023				
4/15/2016 11:15:00 PM	294300.000	71.382	17.360	160.794
40656.109	47602.781	32.370	31.178	24.597
1.023				
4/15/2016 11:30:00 PM	295200.000	71.377	17.359	160.785
40662.332	47610.813	32.375	31.183	24.593
1.023				
4/15/2016 11:45:00 PM	296100.000	71.377	17.367	160.784
40660.395	47600.172	32.368	31.176	24.594
1.022				
4/16/2016 12:00:00 AM	297000.000	71.371	17.362	160.771
40610.211	47547.102	32.332	31.137	24.624
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4/16/2016 12:15:00 AM	297900.000	71.370	17.359	160.767
40601.176	47539.305	32.327	31.131	24.630
1.022				
4/16/2016 12:30:00 AM	298800.000	71.366	17.361	160.759
40641.340	47584.285	32.357	31.164	24.605
1.022				
4/16/2016 12:45:00 AM	299700.000	71.361	17.352	160.748
40652.680	47607.156	32.373	31.180	24.599
1.023				
4/16/2016 1:00:00 AM	300600.000	71.358	17.354	160.741
40623.258	47570.734	32.348	31.154	24.616
1.022				
4/16/2016 1:15:00 AM	301500.000	71.358	17.356	160.740
40673.695	47626.914	32.386	31.195	24.586
1.023				
4/16/2016 1:30:00 AM	302400.000	71.354	17.360	160.731
40651.426	47596.836	32.366	31.173	24.599
1.022				
4/16/2016 1:45:00 AM	303300.000	71.347	17.358	160.716
40679.918	47631.973	32.390	31.199	24.582
1.023				
4/16/2016 2:00:00 AM	304200.000	71.346	17.362	160.714
40669.441	47615.516	32.379	31.187	24.588
1.023				
4/16/2016 2:15:00 AM	305100.000	71.338	17.356	160.696
40669.516	47622.121	32.383	31.192	24.588
1.023				
4/16/2016 2:30:00 AM	306000.000	71.325	17.356	160.666
40629.113	47574.895	32.351	31.157	24.613
1.022				
4/16/2016 2:45:00 AM	306900.000	71.339	17.360	160.697
40635.137	47578.039	32.353	31.160	24.609
1.022				

4/16/2016 3:00:00 AM	307800.000	71.338	17.359	160.696
40665.750	47614.629	32.378	31.186	24.591
1.023				
4/16/2016 3:15:00 AM	308700.000	71.320	17.358	160.655
40643.789	47590.133	32.361	31.168	24.604
1.022				
4/16/2016 3:30:00 AM	309600.000	71.333	17.362	160.684
40621.270	47559.297	32.340	31.146	24.618
1.022				
4/16/2016 3:45:00 AM	310500.000	71.337	17.360	160.693
40678.602	47628.289	32.387	31.196	24.583
1.023				
4/16/2016 4:00:00 AM	311400.000	71.333	17.358	160.683
40647.809	47595.117	32.365	31.172	24.602
1.022				
4/16/2016 4:15:00 AM	312300.000	71.333	17.359	160.684
40652.926	47599.344	32.368	31.175	24.598
1.022				
4/16/2016 4:30:00 AM	313200.000	71.337	17.363	160.694
40650.199	47592.789	32.363	31.170	24.600
1.022				
4/16/2016 4:45:00 AM	314100.000	71.338	17.362	160.696
40642.500	47584.152	32.357	31.164	24.605
1.022				
4/16/2016 5:00:00 AM	315000.000	71.338	17.357	160.696
40655.824	47605.148	32.372	31.179	24.597
1.023				
4/16/2016 5:15:00 AM	315900.000	71.341	17.363	160.703
40649.742	47592.070	32.363	31.170	24.600
1.022				
4/16/2016 5:30:00 AM	316800.000	71.347	17.359	160.717
40664.082	47612.961	32.377	31.185	24.592
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4/16/2016 5:45:00 AM	317700.000	71.345	17.361	160.711
40645.965	47589.793	32.361	31.168	24.603
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4/16/2016 6:00:00 AM	318600.000	71.355	17.358	160.734
40639.234	47584.891	32.358	31.164	24.607
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4/16/2016 6:15:00 AM	319500.000	71.339	17.360	160.699
40652.699	47598.977	32.367	31.175	24.599
1.022				
4/16/2016 6:30:00 AM	320400.000	71.359	17.360	160.743
40651.094	47596.906	32.366	31.173	24.600
1.022				
4/16/2016 6:45:00 AM	321300.000	71.366	17.358	160.760
40655.184	47603.289	32.370	31.178	24.597
1.023				
4/16/2016 7:00:00 AM	322200.000	71.365	17.363	160.757
40641.324	47581.754	32.356	31.162	24.605
1.022				
4/16/2016 7:15:00 AM	323100.000	71.374	17.358	160.776
40648.277	47594.926	32.365	31.172	24.601
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4/16/2016 7:30:00 AM	324000.000	71.376	17.360	160.781
40612.246	47551.609	32.335	31.140	24.623

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4/16/2016 7:45:00 AM 324900.000 71.365 17.361 160.757
40612.246 47549.855 32.334 31.139 24.623
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4/16/2016 8:00:00 AM 325800.000 71.387 17.355 160.807
40654.887 47606.750 32.373 31.180 24.597
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40659.727 47614.004 32.378 31.185 24.594
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40637.188 47578.117 32.353 31.160 24.608
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40644.641 47593.828 32.364 31.171 24.603
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40691.180 47639.746 32.395 31.205 24.575
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40655.418 47602.531 32.370 31.177 24.597
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40660.340 47605.227 32.372 31.180 24.594
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4/16/2016 9:45:00 AM 332100.000 71.396 17.358 160.826
40636.992 47582.266 32.356 31.163 24.608
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40592.125 47530.855 32.321 31.125 24.635
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4/16/2016 10:15:00 AM 333900.000 71.372 17.359 160.773
40621.004 47562.238 32.342 31.148 24.618
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40683.652 47632.332 32.390 31.199 24.580
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40597.750 47536.414 32.325 31.129 24.632
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40643.758 47592.988 32.363 31.170 24.604
1.022
4/16/2016 11:15:00 AM 337500.000 71.373 17.356 160.775
40639.387 47586.738 32.359 31.166 24.607
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4/16/2016 11:30:00 AM 338400.000 71.367 17.357 160.761
40631.715 47577.297 32.353 31.159 24.611
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4/16/2016 11:45:00 AM 339300.000 71.356 17.356 160.735
40620.137 47564.113 32.344 31.149 24.618
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4/16/2016 12:00:00 PM 340200.000 71.347 17.355 160.717
40629.004 47576.273 32.352 31.158 24.613
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4/16/2016 12:15:00 PM 341100.000 71.342 17.361 160.705

40637.785 47579.465 32.354 31.161 24.608
1.022
4/16/2016 12:30:00 PM 342000.000 71.334 17.361 160.687
40621.973 47561.328 32.342 31.147 24.617
1.022
4/16/2016 12:45:00 PM 342900.000 71.326 17.365 160.670
40618.715 47553.422 32.336 31.142 24.619
1.022
4/16/2016 1:00:00 PM 343800.000 71.321 17.359 160.658
40628.914 47571.500 32.349 31.155 24.613
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4/16/2016 1:15:00 PM 344700.000 71.311 17.363 160.635
40649.695 47592.016 32.363 31.170 24.600
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4/16/2016 1:30:00 PM 345600.000 71.302 17.362 160.616
40627.051 47565.969 32.345 31.151 24.614
1.022
4/16/2016 1:45:00 PM 346500.000 71.281 17.360 160.567
40624.188 47564.941 32.344 31.150 24.616
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4/16/2016 2:00:00 PM 347400.000 71.291 17.361 160.589
40652.613 47597.016 32.366 31.173 24.599
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4/16/2016 2:15:00 PM 348300.000 71.279 17.363 160.563
40658.367 47602.168 32.369 31.177 24.595
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4/16/2016 2:30:00 PM 349200.000 71.276 17.358 160.557
40633.035 47577.543 32.353 31.159 24.611
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4/16/2016 2:45:00 PM 350100.000 71.268 17.362 160.538
40615.285 47552.191 32.335 31.141 24.621
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4/16/2016 3:00:00 PM 351000.000 71.265 17.361 160.532
40620.168 47559.129 32.340 31.146 24.618
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4/16/2016 3:15:00 PM 351900.000 71.257 17.359 160.513
40646.590 47592.098 32.363 31.170 24.602
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4/16/2016 3:30:00 PM 352800.000 71.255 17.365 160.509
40658.480 47600.246 32.368 31.176 24.595
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40632.840 47576.191 32.352 31.158 24.611
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40640.906 47592.148 32.363 31.169 24.606
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40638.465 47582.121 32.356 31.162 24.607
1.022
4/16/2016 4:30:00 PM 356400.000 71.242 17.355 160.481
40635.000 47582.625 32.356 31.163 24.609
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40619.617 47567.141 32.346 31.151 24.619
1.022

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4/16/2016 5:15:00 PM	359100.000	71.232	17.359	160.456
40608.012	47547.496	32.332	31.137	24.626
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40619.555	47559.422	32.340	31.146	24.619
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4/16/2016 5:45:00 PM	360900.000	71.249	17.361	160.494
40646.102	47589.762	32.361	31.168	24.603
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40608.539	47547.738	32.332	31.137	24.625
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4/16/2016 6:15:00 PM	362700.000	71.239	17.362	160.472
40627.691	47566.719	32.345	31.151	24.614
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4/16/2016 6:30:00 PM	363600.000	71.263	17.363	160.526
40646.223	47587.297	32.359	31.166	24.603
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4/16/2016 6:45:00 PM	364500.000	71.247	17.355	160.491
40638.027	47586.840	32.359	31.166	24.607
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40639.043	47583.742	32.357	31.164	24.607
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4/16/2016 7:15:00 PM	366300.000	71.276	17.363	160.557
40595.723	47528.824	32.320	31.124	24.633
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4/16/2016 7:30:00 PM	367200.000	71.268	17.360	160.537
40661.141	47608.859	32.374	31.182	24.594
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40651.844	47600.781	32.369	31.176	24.599
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4/16/2016 8:00:00 PM	369000.000	71.296	17.355	160.600
40618.051	47562.887	32.343	31.148	24.620
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40631.555	47578.969	32.354	31.160	24.611
1.022				
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40624.934	47564.793	32.344	31.150	24.615
1.022				
4/16/2016 8:45:00 PM	371700.000	71.308	17.361	160.629
40639.645	47582.488	32.356	31.163	24.607
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4/16/2016 9:00:00 PM	372600.000	71.304	17.363	160.620
40622.344	47559.902	32.341	31.146	24.617
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4/16/2016 9:15:00 PM	373500.000	71.309	17.361	160.630
40619.082	47558.031	32.339	31.145	24.619
1.022				
4/16/2016 9:30:00 PM	374400.000	71.332	17.361	160.682
40647.238	47591.191	32.362	31.169	24.602

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4/16/2016 9:45:00 PM 375300.000 71.331 17.362 160.679
40598.426 47532.371 32.322 31.126 24.631
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4/16/2016 10:00:00 PM 376200.000 71.332 17.357 160.682
40610.605 47552.203 32.335 31.141 24.624
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4/16/2016 10:15:00 PM 377100.000 71.333 17.360 160.685
40653.797 47599.887 32.368 31.175 24.598
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4/16/2016 10:30:00 PM 378000.000 71.335 17.362 160.689
40554.219 47480.793 32.287 31.089 24.658
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4/16/2016 10:45:00 PM 378900.000 71.334 17.362 160.688
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4/16/2016 11:00:00 PM 379800.000 71.336 17.360 160.692
40583.047 47516.492 32.311 31.115 24.641
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40620.219 47562.813 32.343 31.148 24.618
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4/16/2016 11:30:00 PM 381600.000 71.338 17.356 160.696
40638.309 47585.391 32.358 31.165 24.607
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4/16/2016 11:45:00 PM 382500.000 71.330 17.361 160.677
40632.000 47572.691 32.349 31.156 24.611
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4/17/2016 12:00:00 AM 383400.000 71.331 17.360 160.679
40633.773 47576.441 32.352 31.158 24.610
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4/17/2016 12:15:00 AM 384300.000 71.328 17.358 160.674
40643.750 47589.902 32.361 31.168 24.604
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4/17/2016 12:30:00 AM 385200.000 71.323 17.357 160.662
40602.605 47543.211 32.329 31.134 24.629
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4/17/2016 12:45:00 AM 386100.000 71.322 17.365 160.661
40628.266 47564.043 32.344 31.150 24.613
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4/17/2016 1:00:00 AM 387000.000 71.316 17.364 160.646
40616.160 47551.453 32.335 31.140 24.621
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4/17/2016 1:30:00 AM 388800.000 71.293 17.362 160.594
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4/17/2016 1:45:00 AM 389700.000 71.302 17.361 160.614
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4/17/2016 2:45:00 AM 393300.000 71.278 17.363 160.560
40624.605 47562.641 32.343 31.148 24.616
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40615.992 47553.871 32.337 31.142 24.621
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1.022
4/17/2016 6:45:00 AM 407700.000 71.278 17.360 160.560
40592.820 47527.934 32.319 31.123 24.635
1.022

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40586.656	47520.902	32.314	31.118	24.639
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4/17/2016 7:30:00 AM	410400.000	71.292	17.359	160.593
40594.152	47530.527	32.321	31.125	24.634
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4/17/2016 7:45:00 AM	411300.000	71.299	17.361	160.608
40588.531	47522.547	32.315	31.119	24.638
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4/17/2016 8:00:00 AM	412200.000	71.301	17.362	160.611
40620.621	47558.625	32.340	31.145	24.618
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4/17/2016 8:15:00 AM	413100.000	71.294	17.361	160.597
40607.398	47544.352	32.330	31.135	24.626
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4/17/2016 8:30:00 AM	414000.000	71.307	17.360	160.626
40590.195	47525.793	32.318	31.121	24.636
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4/17/2016 8:45:00 AM	414900.000	71.314	17.357	160.641
40612.781	47554.664	32.337	31.142	24.623
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4/17/2016 9:00:00 AM	415800.000	71.319	17.357	160.654
40583.449	47520.777	32.314	31.118	24.641
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4/17/2016 9:15:00 AM	416700.000	71.323	17.360	160.662
40592.512	47528.504	32.319	31.123	24.635
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4/17/2016 9:30:00 AM	417600.000	71.324	17.360	160.665
40601.402	47538.355	32.326	31.131	24.630
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40599.230	47536.930	32.325	31.129	24.631
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4/17/2016 10:00:00 AM	419400.000	71.329	17.360	160.677
40601.711	47538.344	32.326	31.131	24.630
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4/17/2016 10:15:00 AM	420300.000	71.318	17.358	160.651
40591.059	47528.762	32.320	31.123	24.636
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40604.055	47540.348	32.327	31.132	24.628
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40609.551	47546.406	32.332	31.137	24.625
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40592.762	47526.672	32.318	31.122	24.635
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4/17/2016 6:30:00 PM 450000.000 71.229 17.358 160.451
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40627.953 47569.172 32.347 31.153 24.614
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40591.254 47524.984 32.317 31.121 24.636
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40570.598	47506.664	32.305	31.107	24.648
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40582.332	47512.871	32.309	31.112	24.641
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40585.117	47516.133	32.311	31.115	24.640
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40586.375	47521.875	32.315	31.118	24.639
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40592.426	47530.082	32.320	31.124	24.635
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40611.031	47548.246	32.333	31.138	24.624
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40594.148	47536.754	32.325	31.129	24.634
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40594.992	47538.113	32.326	31.130	24.634
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40590.305	47528.430	32.319	31.123	24.636
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40549.191	47486.336	32.291	31.092	24.661
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40548.941	47476.289	32.284	31.085	24.662
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40537.453	47464.410	32.276	31.077	24.669
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40557.625	47484.406	32.289	31.091	24.656
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40524.855	47449.754	32.266	31.066	24.676
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40558.742	47486.734	32.291	31.093	24.656
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40537.934	47464.410	32.276	31.077	24.668
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40545.012	47476.703	32.284	31.085	24.664
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40571.449	47507.473	32.305	31.108	24.648
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40571.102	47504.918	32.303	31.106	24.648
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40527.574	47458.980	32.272	31.072	24.675
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4/18/2016 9:30:00 AM	504000.000	71.343	17.361	160.708
40540.715	47466.656	32.277	31.078	24.667
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40539.668	47469.699	32.279	31.080	24.667
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40512.559	47434.516	32.255	31.055	24.684
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40535.977	47460.371	32.273	31.074	24.669
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40534.332	47465.785	32.277	31.077	24.670
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40524.152	47453.660	32.268	31.068	24.677
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40516.660	47442.574	32.261	31.060	24.681
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40513.859	47434.293	32.255	31.055	24.683
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40587.770	47519.977	32.314	31.117	24.638
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40570.641	47505.504	32.304	31.106	24.648
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40525.504	47453.949	32.269	31.069	24.676
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4/18/2016 2:00:00 PM	520200.000	71.327	17.359	160.671
40542.973	47470.777	32.280	31.081	24.665
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4/18/2016 2:15:00 PM	521100.000	71.324	17.351	160.664
40564.352	47504.648	32.303	31.105	24.652
1.022				
4/18/2016 2:30:00 PM	522000.000	71.314	17.356	160.643
40573.762	47510.277	32.307	31.110	24.646
1.022				
4/18/2016 2:45:00 PM	522900.000	71.307	17.362	160.625
40590.527	47523.125	32.316	31.120	24.636
1.022				
4/18/2016 3:00:00 PM	523800.000	71.304	17.364	160.618
40590.074	47520.730	32.314	31.118	24.637
1.022				
4/18/2016 3:15:00 PM	524700.000	71.298	17.365	160.606
40600.602	47531.656	32.322	31.126	24.630
1.022				
4/18/2016 3:30:00 PM	525600.000	71.291	17.352	160.589
40589.188	47532.430	32.322	31.126	24.637

1.022				
4/18/2016 3:45:00 PM	526500.000	71.285	17.364	160.576
40563.414	47489.605	32.293	31.095	24.653
1.022				
4/18/2016 4:00:00 PM	527400.000	71.280	17.359	160.565
40570.254	47503.102	32.302	31.105	24.649
1.022				
4/18/2016 4:15:00 PM	528300.000	71.276	17.363	160.556
40595.434	47528.586	32.319	31.124	24.633
1.022				
4/18/2016 4:30:00 PM	529200.000	71.273	17.361	160.550
40560.789	47490.066	32.293	31.095	24.654
1.022				
4/18/2016 4:45:00 PM	530100.000	71.268	17.363	160.538
40550.141	47474.996	32.283	31.085	24.661
1.022				
4/18/2016 5:00:00 PM	531000.000	71.269	17.352	160.539
40524.664	47457.055	32.271	31.071	24.676
1.022				
4/18/2016 5:15:00 PM	531900.000	71.250	17.361	160.498
40567.387	47497.414	32.298	31.101	24.650
1.022				
4/18/2016 5:30:00 PM	532800.000	71.265	17.358	160.532
40574.824	47509.383	32.306	31.109	24.646
1.022				
4/18/2016 5:45:00 PM	533700.000	71.262	17.361	160.525
40571.234	47501.652	32.301	31.104	24.648
1.022				
4/18/2016 6:00:00 PM	534600.000	71.259	17.362	160.519
40551.582	47477.891	32.285	31.087	24.660
1.022				
4/18/2016 6:15:00 PM	535500.000	71.253	17.358	160.503
40543.805	47473.152	32.282	31.083	24.665
1.022				
4/18/2016 6:30:00 PM	536400.000	71.265	17.364	160.532
40583.219	47513.242	32.309	31.112	24.641
1.022				
4/18/2016 6:45:00 PM	537300.000	71.264	17.358	160.530
40548.508	47479.031	32.286	31.087	24.662
1.022				
4/18/2016 7:00:00 PM	538200.000	71.259	17.359	160.519
40500.570	47421.223	32.246	31.045	24.691
1.022				
4/18/2016 7:15:00 PM	539100.000	71.278	17.361	160.560
40552.273	47479.637	32.286	31.088	24.660
1.022				
4/18/2016 7:30:00 PM	540000.000	71.282	17.366	160.570
40536.844	47456.555	32.270	31.071	24.669
1.022				
4/18/2016 7:45:00 PM	540900.000	71.286	17.359	160.579
40580.816	47514.914	32.310	31.113	24.642
1.022				
4/18/2016 8:00:00 PM	541800.000	71.292	17.361	160.593
40576.680	47508.297	32.306	31.109	24.645
1.022				
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40561.363 47494.543 32.296 31.098 24.654
1.022
4/18/2016 8:30:00 PM 543600.000 71.289 17.363 160.585
40586.230 47517.898 32.312 31.116 24.639
1.022
4/18/2016 8:45:00 PM 544500.000 71.307 17.364 160.626
40538.797 47461.234 32.274 31.074 24.668
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4/18/2016 9:00:00 PM 545400.000 71.316 17.366 160.646
40517.379 47434.043 32.255 31.055 24.681
1.022
4/18/2016 9:15:00 PM 546300.000 71.322 17.359 160.660
40522.914 47447.387 32.264 31.064 24.677
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4/18/2016 9:30:00 PM 547200.000 71.332 17.355 160.681
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4/18/2016 9:45:00 PM 548100.000 71.336 17.364 160.690
40532.621 47453.652 32.268 31.069 24.671
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40523.016 47444.719 32.262 31.062 24.677
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4/18/2016 10:15:00 PM 549900.000 71.347 17.360 160.716
40529.574 47454.254 32.269 31.069 24.673
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4/18/2016 10:30:00 PM 550800.000 71.353 17.361 160.728
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4/18/2016 11:00:00 PM 552600.000 71.362 17.361 160.750
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4/18/2016 11:30:00 PM 554400.000 71.367 17.364 160.762
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40547.090 47475.320 32.283 31.085 24.663
1.022
4/19/2016 12:00:00 AM 556200.000 71.368 17.358 160.764
40520.855 47445.816 32.263 31.063 24.679
1.022
4/19/2016 12:15:00 AM 557100.000 71.366 17.365 160.758
40526.094 47445.445 32.263 31.063 24.675
1.022
4/19/2016 12:30:00 AM 558000.000 71.369 17.358 160.767
40492.559 47413.332 32.241 31.039 24.696
1.022
4/19/2016 12:45:00 AM 558900.000 71.366 17.354 160.759
40531.629 47462.699 32.275 31.075 24.672
1.022

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40518.719	47440.902	32.260	31.059	24.680
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4/19/2016 1:15:00 AM	560700.000	71.356	17.362	160.737
40524.891	47446.180	32.263	31.063	24.676
1.022				
4/19/2016 1:30:00 AM	561600.000	71.356	17.364	160.735
40535.910	47457.961	32.271	31.072	24.669
1.022				
4/19/2016 1:45:00 AM	562500.000	71.350	17.362	160.722
40553.535	47480.746	32.287	31.089	24.659
1.022				
4/19/2016 2:00:00 AM	563400.000	71.344	17.359	160.708
40543.781	47472.387	32.281	31.082	24.665
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4/19/2016 2:15:00 AM	564300.000	71.339	17.357	160.699
40541.660	47471.285	32.280	31.081	24.666
1.022				
4/19/2016 2:30:00 AM	565200.000	71.329	17.360	160.677
40550.152	47478.453	32.285	31.087	24.661
1.022				
4/19/2016 2:45:00 AM	566100.000	71.311	17.359	160.635
40487.848	47406.328	32.236	31.034	24.699
1.022				
4/19/2016 3:00:00 AM	567000.000	71.320	17.362	160.656
40530.043	47453.238	32.268	31.069	24.673
1.022				
4/19/2016 3:15:00 AM	567900.000	71.309	17.359	160.630
40551.730	47481.125	32.287	31.089	24.660
1.022				
4/19/2016 3:30:00 AM	568800.000	71.307	17.358	160.625
40547.598	47477.594	32.285	31.086	24.662
1.022				
4/19/2016 3:45:00 AM	569700.000	71.299	17.353	160.607
40507.172	47435.273	32.256	31.055	24.687
1.022				
4/19/2016 4:00:00 AM	570600.000	71.290	17.359	160.588
40508.727	47430.680	32.253	31.052	24.686
1.022				
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40549.754	47475.566	32.283	31.085	24.661
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40506.168	47428.531	32.251	31.050	24.688
1.022				
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40499.969	47417.648	32.244	31.043	24.691
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4/19/2016 5:00:00 AM	574200.000	71.267	17.355	160.536
40529.910	47459.754	32.273	31.073	24.673
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40529.805	47452.578	32.268	31.068	24.673
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4/19/2016 5:45:00 AM 576900.000 71.259 17.353 160.517
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1.022
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4/19/2016 10:00:00 AM 592200.000 71.301 17.363 160.612
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1.022
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40565.582 47502.652 32.302 31.104 24.651
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4/19/2016 2:00:00 PM 606600.000 71.301 17.355 160.613
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40548.590	47479.773	32.286	31.088	24.662
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40529.094	47453.980	32.269	31.069	24.674
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40524.188	47446.191	32.263	31.063	24.677
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40488.938	47404.449	32.235	31.033	24.698
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4/19/2016 4:45:00 PM	616500.000	71.233	17.365	160.459
40518.137	47435.578	32.256	31.056	24.680
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4/19/2016 5:00:00 PM	617400.000	71.231	17.362	160.454
40496.262	47413.688	32.241	31.040	24.694
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40532.180	47456.852	32.271	31.071	24.672
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40514.902	47436.891	32.257	31.057	24.682
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40493.082	47411.527	32.240	31.038	24.696
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4/19/2016 6:15:00 PM	621900.000	71.217	17.358	160.424
40493.016	47413.965	32.241	31.040	24.696
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4/19/2016 6:30:00 PM	622800.000	71.204	17.359	160.393
40537.207	47464.406	32.276	31.077	24.669
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40511.797	47432.328	32.254	31.053	24.684
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4/19/2016 7:00:00 PM	624600.000	71.217	17.366	160.424
40553.605	47476.355	32.284	31.086	24.659
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40518.660	47433.684	32.255	31.055	24.680
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4/19/2016 7:45:00 PM 627300.000 71.226 17.363 160.444
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4/19/2016 8:00:00 PM 628200.000 71.214 17.358 160.416
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4/19/2016 8:30:00 PM 630000.000 71.224 17.356 160.439
40544.934 47476.141 32.284 31.085 24.664
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40471.484 47386.609 32.223 31.020 24.709
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4/19/2016 9:45:00 PM 634500.000 71.261 17.361 160.523
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4/19/2016 11:15:00 PM 639900.000 71.279 17.360 160.562
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1.022
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4/20/2016 12:45:00 AM 645300.000 71.295 17.361 160.599
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4/20/2016 1:15:00 AM 647100.000 71.292 17.362 160.592
40478.570 47392.223 32.227 31.024 24.704
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4/20/2016 1:30:00 AM 648000.000 71.289 17.355 160.585
40474.570 47395.324 32.229 31.026 24.707
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4/20/2016 1:45:00 AM 648900.000 71.284 17.360 160.575
40471.855 47386.305 32.223 31.020 24.709
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4/20/2016 2:00:00 AM 649800.000 71.279 17.363 160.563
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4/20/2016 2:15:00 AM 650700.000 71.271 17.364 160.545
40538.973 47461.266 32.274 31.075 24.668
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4/20/2016 2:30:00 AM 651600.000 71.263 17.363 160.526
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4/20/2016 2:45:00 AM 652500.000 71.259 17.361 160.517
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4/20/2016 3:00:00 AM 653400.000 71.249 17.369 160.495
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4/20/2016 3:15:00 AM 654300.000 71.228 17.358 160.449
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1.022
4/20/2016 3:30:00 AM 655200.000 71.234 17.364 160.463
40500.098 47415.574 32.243 31.041 24.691
1.022
4/20/2016 3:45:00 AM 656100.000 71.227 17.364 160.445
40495.801 47410.723 32.239 31.038 24.694
1.022
4/20/2016 4:00:00 AM 657000.000 71.199 17.361 160.382
40517.172 47438.539 32.258 31.058 24.681
1.022
4/20/2016 4:15:00 AM 657900.000 71.211 17.361 160.410
40511.242 47431.961 32.254 31.053 24.685
1.022
4/20/2016 4:30:00 AM 658800.000 71.202 17.364 160.390
40511.785 47429.531 32.252 31.051 24.684
1.022
4/20/2016 4:45:00 AM 659700.000 71.195 17.363 160.373
40483.711 47397.496 32.230 31.028 24.701
1.022

4/20/2016 5:00:00 AM	660600.000	71.186	17.362	160.353
40521.465	47442.266	32.261	31.061	24.678
1.022				
4/20/2016 5:15:00 AM	661500.000	71.180	17.365	160.340
40542.363	47464.035	32.276	31.077	24.666
1.022				
4/20/2016 5:30:00 AM	662400.000	71.172	17.360	160.322
40501.629	47422.094	32.247	31.046	24.690
1.022				
4/20/2016 5:45:00 AM	663300.000	71.169	17.365	160.314
40501.215	47416.047	32.243	31.042	24.691
1.022				
4/20/2016 6:00:00 AM	664200.000	71.161	17.363	160.298
40494.656	47410.129	32.239	31.037	24.695
1.022				
4/20/2016 6:15:00 AM	665100.000	71.161	17.363	160.296
40461.656	47371.402	32.213	31.009	24.715
1.022				
4/20/2016 6:30:00 AM	666000.000	71.156	17.366	160.285
40514.156	47429.996	32.252	31.052	24.683
1.022				
4/20/2016 6:45:00 AM	666900.000	71.154	17.365	160.282
40506.699	47422.656	32.247	31.046	24.687
1.022				
4/20/2016 7:00:00 AM	667800.000	71.152	17.362	160.278
40519.082	47439.742	32.259	31.059	24.680
1.022				
4/20/2016 7:15:00 AM	668700.000	71.151	17.366	160.275
40471.148	47380.000	32.218	31.015	24.709
1.022				
4/20/2016 7:30:00 AM	669600.000	71.135	17.358	160.239
40502.934	47425.020	32.249	31.048	24.690
1.022				
4/20/2016 7:45:00 AM	670500.000	71.155	17.362	160.284
40455.305	47365.445	32.209	31.004	24.719
1.022				
4/20/2016 8:00:00 AM	671400.000	71.138	17.358	160.246
40451.613	47364.930	32.208	31.004	24.721
1.022				
4/20/2016 8:15:00 AM	672300.000	71.155	17.356	160.284
40481.836	47402.910	32.234	31.031	24.702
1.022				
4/20/2016 8:30:00 AM	673200.000	71.156	17.365	160.286
40503.301	47418.574	32.245	31.043	24.689
1.022				
4/20/2016 8:45:00 AM	674100.000	71.164	17.361	160.304
40507.582	47427.125	32.250	31.049	24.687
1.022				
4/20/2016 9:00:00 AM	675000.000	71.166	17.363	160.308
40481.359	47395.113	32.229	31.026	24.703
1.022				
4/20/2016 9:15:00 AM	675900.000	71.155	17.364	160.284
40471.250	47382.074	32.220	31.017	24.709
1.022				
4/20/2016 9:30:00 AM	676800.000	71.174	17.358	160.327
40492.125	47412.445	32.240	31.039	24.696

1.022
4/20/2016 9:45:00 AM 677700.000 71.179 17.365 160.337
40524.934 47443.633 32.262 31.062 24.676
1.022
4/20/2016 10:00:00 AM 678600.000 71.187 17.363 160.356
40492.492 47407.406 32.237 31.035 24.696
1.022
4/20/2016 10:15:00 AM 679500.000 71.189 17.359 160.359
40479.176 47396.270 32.229 31.027 24.704
1.022
4/20/2016 10:30:00 AM 680400.000 71.197 17.361 160.377
40497.203 47415.715 32.243 31.041 24.693
1.022
4/20/2016 10:45:00 AM 681300.000 71.194 17.366 160.372
40510.227 47425.109 32.249 31.048 24.685
1.022
4/20/2016 11:00:00 AM 682200.000 71.201 17.363 160.388
40499.727 47415.699 32.243 31.041 24.692
1.022
4/20/2016 11:15:00 AM 683100.000 71.206 17.363 160.399
40481.594 47395.113 32.229 31.026 24.703
1.022
4/20/2016 11:30:00 AM 684000.000 71.207 17.360 160.401
40494.492 47412.910 32.241 31.039 24.695
1.022
4/20/2016 11:45:00 AM 684900.000 71.215 17.358 160.418
40477.066 47394.813 32.228 31.026 24.705
1.022
4/20/2016 12:00:00 PM 685800.000 71.216 17.362 160.421
40497.723 47414.734 32.242 31.040 24.693
1.022
4/20/2016 12:15:00 PM 686700.000 71.213 17.359 160.413
40538.043 47464.832 32.276 31.077 24.668
1.022
4/20/2016 12:30:00 PM 687600.000 71.212 17.361 160.411
40514.508 47435.594 32.256 31.056 24.683
1.022
4/20/2016 12:45:00 PM 688500.000 71.217 17.359 160.423
40488.215 47407.043 32.237 31.035 24.699
1.022
4/20/2016 1:00:00 PM 689400.000 71.215 17.361 160.418
40498.762 47416.695 32.243 31.042 24.692
1.022
4/20/2016 1:15:00 PM 690300.000 71.217 17.359 160.424
40440.695 47351.684 32.199 30.994 24.728
1.022
4/20/2016 1:30:00 PM 691200.000 71.211 17.361 160.409
40466.633 47379.730 32.218 31.015 24.712
1.022
4/20/2016 1:45:00 PM 692100.000 71.208 17.362 160.403
40524.324 47446.066 32.263 31.063 24.677
1.022
4/20/2016 2:00:00 PM 693000.000 71.208 17.365 160.402
40495.602 47408.813 32.238 31.036 24.694
1.022
4/20/2016 2:15:00 PM 693900.000 71.204 17.367 160.395

40540.543 47460.133 32.273 31.074 24.667
1.022
4/20/2016 2:30:00 PM 694800.000 71.199 17.362 160.382
40473.574 47386.832 32.223 31.020 24.707
1.022
4/20/2016 2:45:00 PM 695700.000 71.181 17.368 160.342
40479.656 47387.559 32.224 31.021 24.704
1.022
4/20/2016 3:00:00 PM 696600.000 71.185 17.363 160.352
40513.234 47431.602 32.253 31.053 24.683
1.022
4/20/2016 3:15:00 PM 697500.000 71.183 17.366 160.346
40472.238 47380.727 32.219 31.016 24.708
1.022
4/20/2016 3:30:00 PM 698400.000 71.177 17.362 160.332
40533.605 47456.480 32.270 31.071 24.671
1.022
4/20/2016 3:45:00 PM 699300.000 71.177 17.360 160.333
40531.391 47456.672 32.271 31.071 24.672
1.022
4/20/2016 4:00:00 PM 700200.000 71.171 17.363 160.319
40506.469 47424.512 32.249 31.048 24.687
1.022
4/20/2016 4:15:00 PM 701100.000 71.164 17.361 160.304
40536.645 47461.512 32.274 31.075 24.669
1.022
4/20/2016 4:30:00 PM 702000.000 71.157 17.365 160.288
40513.785 47430.949 32.253 31.052 24.683
1.022
4/20/2016 4:45:00 PM 702900.000 71.152 17.360 160.276
40511.668 47433.020 32.254 31.054 24.684
1.022
4/20/2016 5:00:00 PM 703800.000 71.144 17.361 160.258
40521.758 47443.809 32.262 31.062 24.678
1.022
4/20/2016 5:15:00 PM 704700.000 71.142 17.359 160.255
40482.289 47399.551 32.232 31.029 24.702
1.022
4/20/2016 5:30:00 PM 705600.000 71.137 17.362 160.242
40480.352 47394.035 32.228 31.025 24.703
1.022
4/20/2016 5:45:00 PM 706500.000 71.137 17.358 160.242
40524.379 47450.211 32.266 31.066 24.677
1.022
4/20/2016 6:00:00 PM 707400.000 71.134 17.362 160.235
40496.402 47413.285 32.241 31.039 24.694
1.022
4/20/2016 6:15:00 PM 708300.000 71.130 17.361 160.228
40513.816 47435.070 32.256 31.055 24.683
1.022
4/20/2016 6:30:00 PM 709200.000 71.132 17.357 160.231
40471.395 47389.383 32.225 31.022 24.709
1.022
4/20/2016 6:45:00 PM 710100.000 71.130 17.363 160.227
40464.102 47374.266 32.215 31.011 24.713
1.022

4/20/2016 7:00:00 PM	711000.000	71.129	17.364	160.226
40484.109	47396.762	32.230	31.027	24.701
1.022				
4/20/2016 7:15:00 PM	711900.000	71.117	17.358	160.198
40525.527	47451.199	32.267	31.067	24.676
1.022				
4/20/2016 7:30:00 PM	712800.000	71.132	17.360	160.233
40501.848	47422.160	32.247	31.046	24.690
1.022				
4/20/2016 7:45:00 PM	713700.000	71.138	17.361	160.246
40469.852	47383.500	32.221	31.018	24.710
1.022				
4/20/2016 8:00:00 PM	714600.000	71.139	17.360	160.248
40449.426	47360.320	32.205	31.001	24.722
1.022				
4/20/2016 8:15:00 PM	715500.000	71.141	17.363	160.251
40522.605	47442.660	32.261	31.061	24.678
1.022				
4/20/2016 8:30:00 PM	716400.000	71.149	17.363	160.270
40472.941	47385.258	32.222	31.019	24.708
1.022				
4/20/2016 8:45:00 PM	717300.000	71.153	17.364	160.279
40495.703	47410.055	32.239	31.037	24.694
1.022				
4/20/2016 9:00:00 PM	718200.000	71.159	17.361	160.293
40486.910	47403.008	32.234	31.032	24.699
1.022				
4/20/2016 9:15:00 PM	719100.000	71.166	17.359	160.308
40500.965	47422.340	32.247	31.046	24.691
1.022				
4/20/2016 9:30:00 PM	720000.000	71.166	17.364	160.307
40454.543	47362.418	32.206	31.002	24.719
1.022				
4/20/2016 9:45:00 PM	720900.000	71.175	17.365	160.329
40468.434	47377.297	32.217	31.013	24.711
1.022				
4/20/2016 10:00:00 PM	721800.000	71.179	17.363	160.338
40483.699	47397.855	32.231	31.028	24.701
1.022				
4/20/2016 10:15:00 PM	722700.000	71.189	17.360	160.359
40490.176	47407.855	32.237	31.035	24.697
1.022				
4/20/2016 10:30:00 PM	723600.000	71.195	17.362	160.374
40469.141	47381.742	32.220	31.016	24.710
1.022				
4/20/2016 10:45:00 PM	724500.000	71.198	17.362	160.380
40460.457	47370.922	32.212	31.009	24.715
1.022				
4/20/2016 11:00:00 PM	725400.000	71.204	17.365	160.395
40509.074	47425.250	32.249	31.048	24.686
1.022				
4/20/2016 11:15:00 PM	726300.000	71.209	17.364	160.406
40472.773	47384.043	32.221	31.018	24.708
1.022				
4/20/2016 11:30:00 PM	727200.000	71.218	17.360	160.425
40453.504	47365.098	32.208	31.004	24.720

1.022
4/20/2016 11:45:00 PM 728100.000 71.216 17.362 160.422
40474.992 47388.219 32.224 31.021 24.707
1.022

Report Date: 4/22/2016 8:22:27 AM
Report User Name: KMakar
Report Computer Name: WKST46
Application: WinSitu.exe
Application Version: 5.6.25.0

Log File Properties:
File Name: MPWSP MW-8S LT Test_2016-04-21_13-33-53-307-BaroMerge.wsl
Create Date: 4/22/2016 8:12:46 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
4/22/2016 8:12:46 AM	User Note: "Pressure & Level adjusted by baro data from: "MPWSP BaroTroll Pre Test_Append_2016-04-21_18-56-38-301.wsl""

Log Data:
Record Count: 865
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 SN#: 428966	Sensor: PCTD(A) 197.3ft SN#: 428966	Sensor: PCTD(A) 197.3ft SN#: 428966	Sensor: PCTD(A) 197.3ft SN#: 428966	Sensor: PCTD(A) 197.3ft SN#: 428966	Sensor: PCTD(A) 197.3ft SN#: 428966	Sensor: PCTD(A) 197.3ft SN#: 428966	Sensor: PCTD(A) 197.3ft SN#: 428966	Sensor: Baro-Adj Calc SN#: 000000
Date and Time	Elapsed Time Seconds	Corrected Pressure (PSI)	Temperature (C)	Corrected Depth (ft)	Actual Conductivity (µS)	Specific Conductivity (µS)	Salinity (PSU)	Total Dissolved Solids (ppm)	

Resistivity (ohm-cm) Water Density (g/cm3) Barometric Pressure (PSI)
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4/14/2016 12:00:00 AM 124200.000 20.246 16.446 46.147
696.418 832.419 0.412 566.045 1435.920
0.999 14.791
4/14/2016 12:15:00 AM 125100.000 20.241 16.446 46.135
696.294 832.264 0.412 565.940 1436.175
0.999 14.795
4/14/2016 12:30:00 AM 126000.000 20.242 16.447 46.138
696.253 832.208 0.412 565.902 1436.260
0.999 14.793
4/14/2016 12:45:00 AM 126900.000 20.250 16.447 46.157
696.302 832.271 0.412 565.945 1436.157
0.999 14.791
4/14/2016 1:00:00 AM 127800.000 20.246 16.446 46.146
696.503 832.520 0.412 566.113 1435.744
0.999 14.794
4/14/2016 1:15:00 AM 128700.000 20.236 16.446 46.123
696.499 832.516 0.412 566.111 1435.752
0.999 14.803
4/14/2016 1:30:00 AM 129600.000 20.240 16.446 46.134
696.504 832.522 0.412 566.115 1435.743
0.999 14.799
4/14/2016 1:45:00 AM 130500.000 20.244 16.445 46.142
696.613 832.668 0.412 566.214 1435.517
0.999 14.796
4/14/2016 2:00:00 AM 131400.000 20.238 16.445 46.129
696.337 832.335 0.412 565.988 1436.085
0.999 14.802
4/14/2016 2:15:00 AM 132300.000 20.248 16.445 46.150
696.490 832.534 0.412 566.123 1435.771
0.999 14.792
4/14/2016 2:30:00 AM 133200.000 20.239 16.445 46.131
696.519 832.567 0.412 566.146 1435.711
0.999 14.790
4/14/2016 2:45:00 AM 134100.000 20.250 16.445 46.156
696.624 832.689 0.412 566.229 1435.494
0.999 14.787
4/14/2016 3:00:00 AM 135000.000 20.245 16.445 46.145
696.235 832.226 0.412 565.914 1436.296
0.999 14.786
4/14/2016 3:15:00 AM 135900.000 20.244 16.445 46.142
696.172 832.143 0.412 565.858 1436.427
0.999 14.785
4/14/2016 3:30:00 AM 136800.000 20.245 16.445 46.145
696.581 832.631 0.412 566.189 1435.584
0.999 14.781
4/14/2016 3:45:00 AM 137700.000 20.246 16.445 46.148
696.151 832.114 0.412 565.838 1436.469
0.999 14.782
4/14/2016 4:00:00 AM 138600.000 20.239 16.446 46.132
696.320 832.309 0.412 565.970 1436.122
0.999 14.777
4/14/2016 4:15:00 AM 139500.000 20.246 16.445 46.148

696.549	832.590	0.412	566.161	1435.648	
0.999	14.774				
4/14/2016 4:30:00 AM	140400.000	20.253	16.446	46.163	
696.205	832.159	0.412	565.868	1436.358	
0.999	14.772				
4/14/2016 4:45:00 AM	141300.000	20.252	16.447	46.160	
696.625	832.657	0.412	566.207	1435.492	
0.999	14.767				
4/14/2016 5:00:00 AM	142200.000	20.248	16.447	46.151	
696.488	832.478	0.412	566.085	1435.774	
0.999	14.766				
4/14/2016 5:15:00 AM	143100.000	20.251	16.447	46.157	
696.411	832.390	0.412	566.025	1435.933	
0.999	14.765				
4/14/2016 5:30:00 AM	144000.000	20.245	16.447	46.146	
696.377	832.344	0.412	565.994	1436.004	
0.999	14.773				
4/14/2016 5:45:00 AM	144900.000	20.248	16.448	46.151	
696.333	832.281	0.412	565.951	1436.094	
0.999	14.764				
4/14/2016 6:00:00 AM	145800.000	20.248	16.448	46.150	
696.436	832.402	0.412	566.034	1435.882	
0.999	14.769				
4/14/2016 6:15:00 AM	146700.000	20.249	16.448	46.155	
696.382	832.343	0.412	565.994	1435.993	
0.999	14.770				
4/14/2016 6:30:00 AM	147600.000	20.254	16.449	46.165	
696.351	832.290	0.412	565.957	1436.057	
0.999	14.766				
4/14/2016 6:45:00 AM	148500.000	20.244	16.448	46.142	
696.542	832.526	0.412	566.118	1435.664	
0.999	14.784				
4/14/2016 7:00:00 AM	149400.000	20.239	16.448	46.132	
696.830	832.875	0.412	566.355	1435.071	
0.999	14.783				
4/14/2016 7:15:00 AM	150300.000	20.249	16.447	46.154	
696.543	832.557	0.412	566.138	1435.662	
0.999	14.780				
4/14/2016 7:30:00 AM	151200.000	20.235	16.447	46.122	
696.446	832.436	0.412	566.057	1435.862	
0.999	14.793				
4/14/2016 7:45:00 AM	152100.000	20.243	16.446	46.139	
696.716	832.773	0.412	566.285	1435.304	
0.999	14.788				
4/14/2016 8:00:00 AM	153000.000	20.244	16.445	46.143	
696.603	832.657	0.412	566.207	1435.538	
0.999	14.793				
4/14/2016 8:15:00 AM	153900.000	20.232	16.445	46.115	
696.484	832.517	0.412	566.112	1435.782	
0.999	14.803				
4/14/2016 8:30:00 AM	154800.000	20.233	16.444	46.118	
696.910	833.040	0.412	566.468	1434.906	
0.999	14.801				
4/14/2016 8:45:00 AM	155700.000	20.231	16.444	46.114	
696.421	832.463	0.412	566.075	1435.914	
0.999	14.807				

4/14/2016 9:00:00 AM	156600.000	20.240	16.444	46.133	696.414	832.452	0.412	566.067	1435.927	0.999	14.799
4/14/2016 9:15:00 AM	157500.000	20.238	16.444	46.129	696.735	832.834	0.412	566.327	1435.265	0.999	14.802
4/14/2016 9:30:00 AM	158400.000	20.239	16.443	46.130	696.553	832.638	0.412	566.194	1435.641	0.999	14.804
4/14/2016 9:45:00 AM	159300.000	20.236	16.443	46.124	696.232	832.251	0.412	565.930	1436.303	0.999	14.804
4/14/2016 10:00:00 AM	160200.000	20.235	16.443	46.121	696.364	832.408	0.412	566.037	1436.032	0.999	14.808
4/14/2016 10:15:00 AM	161100.000	20.234	16.443	46.119	696.733	832.858	0.412	566.344	1435.269	0.999	14.803
4/14/2016 10:30:00 AM	162000.000	20.238	16.443	46.129	696.280	832.316	0.412	565.975	1436.203	0.999	14.803
4/14/2016 10:45:00 AM	162900.000	20.229	16.442	46.109	696.270	832.317	0.412	565.976	1436.225	0.999	14.809
4/14/2016 11:00:00 AM	163800.000	20.233	16.441	46.117	696.391	832.474	0.412	566.082	1435.975	0.999	14.810
4/14/2016 11:15:00 AM	164700.000	20.229	16.441	46.107	696.625	832.755	0.412	566.274	1435.493	0.999	14.810
4/14/2016 11:30:00 AM	165600.000	20.231	16.442	46.113	696.352	832.422	0.412	566.047	1436.056	0.999	14.819
4/14/2016 11:45:00 AM	166500.000	20.232	16.441	46.115	696.301	832.374	0.412	566.014	1436.160	0.999	14.811
4/14/2016 12:00:00 PM	167400.000	20.239	16.440	46.130	696.421	832.528	0.412	566.119	1435.913	0.999	14.811
4/14/2016 12:15:00 PM	168300.000	20.231	16.441	46.113	696.620	832.763	0.412	566.279	1435.503	0.999	14.807
4/14/2016 12:30:00 PM	169200.000	20.237	16.441	46.126	696.392	832.485	0.412	566.090	1435.974	0.999	14.808
4/14/2016 12:45:00 PM	170100.000	20.245	16.441	46.144	696.098	832.128	0.412	565.847	1436.580	0.999	14.804
4/14/2016 1:00:00 PM	171000.000	20.231	16.441	46.113	695.984	831.992	0.411	565.755	1436.816	0.999	14.813
4/14/2016 1:15:00 PM	171900.000	20.236	16.441	46.124	696.257	832.327	0.412	565.982	1436.251	0.999	14.806
4/14/2016 1:30:00 PM	172800.000	20.233	16.442	46.116	696.343	832.409	0.412	566.038	1436.075		

0.999	14.805				
4/14/2016 1:45:00 PM	173700.000	20.241	16.442	46.135	
695.992	831.984	0.411	565.749	1436.798	
0.999	14.799				
4/14/2016 2:00:00 PM	174600.000	20.238	16.442	46.129	
696.189	832.221	0.412	565.910	1436.392	
0.999	14.796				
4/14/2016 2:15:00 PM	175500.000	20.243	16.443	46.141	
695.935	831.892	0.411	565.687	1436.916	
0.999	14.792				
4/14/2016 2:30:00 PM	176400.000	20.230	16.443	46.110	
696.301	832.331	0.412	565.985	1436.161	
0.999	14.806				
4/14/2016 2:45:00 PM	177300.000	20.241	16.444	46.136	
695.810	831.738	0.411	565.582	1437.173	
0.999	14.794				
4/14/2016 3:00:00 PM	178200.000	20.235	16.444	46.121	
695.984	831.943	0.411	565.721	1436.814	
0.999	14.802				
4/14/2016 3:15:00 PM	179100.000	20.240	16.444	46.132	
695.936	831.889	0.411	565.684	1436.913	
0.999	14.794				
4/14/2016 3:30:00 PM	180000.000	20.244	16.448	46.143	
696.433	832.410	0.412	566.039	1435.887	
0.999	14.793				
4/14/2016 3:45:00 PM	180900.000	20.237	16.445	46.127	
696.086	832.038	0.411	565.786	1436.604	
0.999	14.793				
4/14/2016 4:00:00 PM	181800.000	20.237	16.445	46.126	
695.863	831.782	0.411	565.612	1437.065	
0.999	14.791				
4/14/2016 4:15:00 PM	182700.000	20.242	16.445	46.139	
696.060	832.017	0.411	565.772	1436.657	
0.999	14.789				
4/14/2016 4:30:00 PM	183600.000	20.241	16.445	46.137	
696.075	832.026	0.411	565.778	1436.627	
0.999	14.786				
4/14/2016 4:45:00 PM	184500.000	20.239	16.446	46.132	
696.090	832.036	0.411	565.784	1436.596	
0.999	14.783				
4/14/2016 5:00:00 PM	185400.000	20.249	16.445	46.155	
696.039	831.979	0.411	565.745	1436.700	
0.999	14.777				
4/14/2016 5:15:00 PM	186300.000	20.247	16.446	46.149	
696.271	832.249	0.412	565.929	1436.222	
0.999	14.781				
4/14/2016 5:30:00 PM	187200.000	20.241	16.446	46.135	
696.032	831.966	0.411	565.737	1436.716	
0.999	14.785				
4/14/2016 5:45:00 PM	188100.000	20.235	16.446	46.121	
696.214	832.181	0.412	565.883	1436.339	
0.999	14.785				
4/14/2016 6:00:00 PM	189000.000	20.244	16.445	46.142	
696.013	831.952	0.411	565.727	1436.756	
0.999	14.784				
4/14/2016 6:15:00 PM	189900.000	20.236	16.445	46.125	

696.119 832.072 0.412 565.809 1436.536
0.999 14.786
4/14/2016 6:30:00 PM 190800.000 20.238 16.445 46.130
696.286 832.274 0.412 565.946 1436.191
0.999 14.782
4/14/2016 6:45:00 PM 191700.000 20.235 16.445 46.121
696.512 832.555 0.412 566.138 1435.726
0.999 14.787
4/14/2016 7:00:00 PM 192600.000 20.241 16.445 46.136
696.296 832.294 0.412 565.960 1436.171
0.999 14.785
4/14/2016 7:15:00 PM 193500.000 20.240 16.445 46.133
696.286 832.287 0.412 565.955 1436.191
0.999 14.783
4/14/2016 7:30:00 PM 194400.000 20.244 16.444 46.143
696.106 832.078 0.412 565.813 1436.563
0.999 14.781
4/14/2016 7:45:00 PM 195300.000 20.241 16.444 46.135
696.024 831.985 0.411 565.750 1436.733
0.999 14.785
4/14/2016 8:00:00 PM 196200.000 20.233 16.444 46.118
696.250 832.252 0.412 565.931 1436.266
0.999 14.791
4/14/2016 8:15:00 PM 197100.000 20.235 16.444 46.122
696.501 832.566 0.412 566.145 1435.747
0.999 14.792
4/14/2016 8:30:00 PM 198000.000 20.240 16.443 46.134
696.056 832.036 0.411 565.784 1436.665
0.999 14.788
4/14/2016 8:45:00 PM 198900.000 20.240 16.443 46.134
695.964 831.934 0.411 565.715 1436.856
0.999 14.788
4/14/2016 9:00:00 PM 199800.000 20.239 16.443 46.130
696.190 832.200 0.412 565.896 1436.390
0.999 14.795
4/14/2016 9:15:00 PM 200700.000 20.238 16.443 46.129
696.272 832.311 0.412 565.972 1436.221
0.999 14.794
4/14/2016 9:30:00 PM 201600.000 20.235 16.442 46.121
696.237 832.274 0.412 565.946 1436.292
0.999 14.797
4/14/2016 9:45:00 PM 202500.000 20.233 16.442 46.118
696.231 832.273 0.412 565.945 1436.305
0.999 14.804
4/14/2016 10:00:00 PM 203400.000 20.229 16.442 46.108
696.306 832.360 0.412 566.005 1436.151
0.999 14.810
4/14/2016 10:15:00 PM 204300.000 20.231 16.442 46.114
696.339 832.404 0.412 566.034 1436.082
0.999 14.804
4/14/2016 10:30:00 PM 205200.000 20.232 16.441 46.114
696.022 832.033 0.411 565.782 1436.736
0.999 14.805
4/14/2016 10:45:00 PM 206100.000 20.236 16.442 46.124
696.289 832.351 0.412 565.998 1436.185
0.999 14.799

4/14/2016 11:00:00 PM 207000.000 20.235 16.441 46.121
696.236 832.291 0.412 565.958 1436.294
0.999 14.802
4/14/2016 11:15:00 PM 207900.000 20.233 16.441 46.116
696.449 832.544 0.412 566.130 1435.855
0.999 14.802
4/14/2016 11:30:00 PM 208800.000 20.243 16.441 46.140
696.188 832.231 0.412 565.917 1436.395
0.999 14.793
4/14/2016 11:45:00 PM 209700.000 20.239 16.442 46.131
696.187 832.221 0.412 565.911 1436.396
0.999 14.797
4/15/2016 12:00:00 AM 210600.000 20.239 16.442 46.130
696.419 832.499 0.412 566.099 1435.918
0.999 14.799
4/15/2016 12:15:00 AM 211500.000 20.239 16.442 46.130
696.147 832.169 0.412 565.875 1436.478
0.999 14.795
4/15/2016 12:30:00 AM 212400.000 20.238 16.442 46.128
696.046 832.056 0.411 565.798 1436.687
0.999 14.791
4/15/2016 12:45:00 AM 213300.000 20.230 16.443 46.110
696.370 832.429 0.412 566.052 1436.017
0.999 14.799
4/15/2016 1:00:00 AM 214200.000 20.234 16.442 46.120
696.011 832.002 0.411 565.761 1436.758
0.999 14.798
4/15/2016 1:15:00 AM 215100.000 20.232 16.442 46.115
696.254 832.294 0.412 565.960 1436.257
0.999 14.804
4/15/2016 1:30:00 AM 216000.000 20.224 16.442 46.096
696.268 832.315 0.412 565.974 1436.229
0.999 14.802
4/15/2016 1:45:00 AM 216900.000 20.235 16.442 46.123
696.218 832.252 0.412 565.932 1436.331
0.999 14.799
4/15/2016 2:00:00 AM 217800.000 20.238 16.442 46.129
696.312 832.364 0.412 566.008 1436.138
0.999 14.794
4/15/2016 2:15:00 AM 218700.000 20.243 16.442 46.140
696.081 832.098 0.412 565.827 1436.615
0.999 14.792
4/15/2016 2:30:00 AM 219600.000 20.236 16.443 46.125
696.451 832.526 0.412 566.118 1435.851
0.999 14.789
4/15/2016 2:45:00 AM 220500.000 20.242 16.442 46.139
696.503 832.589 0.412 566.161 1435.745
0.999 14.786
4/15/2016 3:00:00 AM 221400.000 20.238 16.443 46.128
696.415 832.468 0.412 566.078 1435.925
0.999 14.786
4/15/2016 3:15:00 AM 222300.000 20.234 16.444 46.119
696.215 832.224 0.412 565.912 1436.338
0.999 14.789
4/15/2016 3:30:00 AM 223200.000 20.238 16.444 46.129
696.318 832.345 0.412 565.995 1436.126

0.999 14.785
4/15/2016 3:45:00 AM 224100.000 20.247 16.444 46.149
696.184 832.183 0.412 565.884 1436.402
0.999 14.779
4/15/2016 4:00:00 AM 225000.000 20.237 16.444 46.127
696.003 831.960 0.411 565.733 1436.776
0.999 14.783
4/15/2016 4:15:00 AM 225900.000 20.245 16.445 46.145
696.184 832.168 0.412 565.874 1436.403
0.999 14.783
4/15/2016 4:30:00 AM 226800.000 20.236 16.445 46.124
696.120 832.091 0.412 565.822 1436.535
0.999 14.789
4/15/2016 4:45:00 AM 227700.000 20.243 16.445 46.140
696.208 832.191 0.412 565.890 1436.353
0.999 14.783
4/15/2016 5:00:00 AM 228600.000 20.237 16.444 46.125
696.029 831.989 0.411 565.753 1436.723
0.999 14.785
4/15/2016 5:15:00 AM 229500.000 20.239 16.445 46.131
695.859 831.777 0.411 565.609 1437.074
0.999 14.787
4/15/2016 5:30:00 AM 230400.000 20.235 16.445 46.122
696.011 831.957 0.411 565.731 1436.758
0.999 14.787
4/15/2016 5:45:00 AM 231300.000 20.235 16.445 46.122
695.859 831.769 0.411 565.603 1437.072
0.999 14.788
4/15/2016 6:00:00 AM 232200.000 20.234 16.445 46.119
695.875 831.797 0.411 565.622 1437.039
0.999 14.789
4/15/2016 6:15:00 AM 233100.000 20.238 16.445 46.128
695.816 831.718 0.411 565.568 1437.161
0.999 14.790
4/15/2016 6:30:00 AM 234000.000 20.240 16.445 46.133
695.951 831.889 0.411 565.685 1436.884
0.999 14.786
4/15/2016 6:45:00 AM 234900.000 20.233 16.444 46.117
695.769 831.683 0.411 565.544 1437.258
0.999 14.789
4/15/2016 7:00:00 AM 235800.000 20.232 16.444 46.116
695.952 831.899 0.411 565.692 1436.880
0.999 14.791
4/15/2016 7:15:00 AM 236700.000 20.233 16.444 46.118
695.766 831.672 0.411 565.537 1437.265
0.999 14.794
4/15/2016 7:30:00 AM 237600.000 20.234 16.443 46.120
696.048 832.026 0.411 565.777 1436.682
0.999 14.797
4/15/2016 7:45:00 AM 238500.000 20.226 16.444 46.102
695.925 831.873 0.411 565.674 1436.937
0.999 14.800
4/15/2016 8:00:00 AM 239400.000 20.221 16.443 46.089
695.839 831.780 0.411 565.611 1437.115
0.999 14.801
4/15/2016 8:15:00 AM 240300.000 20.229 16.444 46.108

695.990 831.954 0.411 565.729 1436.803
0.999 14.800
4/15/2016 8:30:00 AM 241200.000 20.231 16.443 46.112
696.301 832.336 0.412 565.988 1436.161
0.999 14.798
4/15/2016 8:45:00 AM 242100.000 20.232 16.444 46.115
696.521 832.585 0.412 566.158 1435.706
0.999 14.797
4/15/2016 9:00:00 AM 243000.000 20.238 16.443 46.129
696.410 832.460 0.412 566.073 1435.936
0.999 14.792
4/15/2016 9:15:00 AM 243900.000 20.228 16.444 46.106
695.828 831.749 0.411 565.589 1437.137
0.999 14.798
4/15/2016 9:30:00 AM 244800.000 20.234 16.444 46.119
696.224 832.227 0.412 565.915 1436.320
0.999 14.794
4/15/2016 9:45:00 AM 245700.000 20.234 16.444 46.119
696.211 832.219 0.412 565.909 1436.345
0.999 14.795
4/15/2016 10:00:00 AM 246600.000 20.232 16.444 46.115
696.030 831.997 0.411 565.758 1436.720
0.999 14.794
4/15/2016 10:15:00 AM 247500.000 20.231 16.444 46.113
696.154 832.141 0.412 565.856 1436.464
0.999 14.800
4/15/2016 10:30:00 AM 248400.000 20.229 16.444 46.109
696.186 832.183 0.412 565.885 1436.398
0.999 14.799
4/15/2016 10:45:00 AM 249300.000 20.232 16.444 46.114
696.166 832.158 0.412 565.868 1436.439
0.999 14.796
4/15/2016 11:00:00 AM 250200.000 20.219 16.445 46.085
696.225 832.214 0.412 565.906 1436.317
0.999 14.807
4/15/2016 11:15:00 AM 251100.000 20.230 16.444 46.110
695.805 831.721 0.411 565.571 1437.185
0.999 14.799
4/15/2016 11:30:00 AM 252000.000 20.237 16.444 46.126
696.009 831.961 0.411 565.733 1436.763
0.999 14.794
4/15/2016 11:45:00 AM 252900.000 20.233 16.444 46.116
695.818 831.732 0.411 565.578 1437.158
0.999 14.796
4/15/2016 12:00:00 PM 253800.000 20.232 16.445 46.115
696.125 832.091 0.412 565.822 1436.524
0.999 14.792
4/15/2016 12:15:00 PM 254700.000 20.230 16.446 46.110
696.115 832.065 0.412 565.804 1436.545
0.999 14.793
4/15/2016 12:30:00 PM 255600.000 20.230 16.447 46.111
695.722 831.578 0.411 565.473 1437.356
0.999 14.792
4/15/2016 12:45:00 PM 256500.000 20.226 16.447 46.102
695.866 831.744 0.411 565.586 1437.059
0.999 14.791

4/15/2016 1:00:00 PM	257400.000	20.231	16.447	46.112	
695.959	831.848	0.411	565.657	1436.865	
0.999	14.790				
4/15/2016 1:15:00 PM	258300.000	20.233	16.448	46.118	
695.948	831.829	0.411	565.644	1436.889	
0.999	14.785				
4/15/2016 1:30:00 PM	259200.000	20.235	16.447	46.122	
695.902	831.780	0.411	565.610	1436.984	
0.999	14.784				
4/15/2016 1:45:00 PM	260100.000	20.232	16.448	46.115	
695.987	831.858	0.411	565.663	1436.808	
0.999	14.786				
4/15/2016 2:00:00 PM	261000.000	20.234	16.448	46.118	
695.987	831.861	0.411	565.665	1436.809	
0.999	14.785				
4/15/2016 2:15:00 PM	261900.000	20.240	16.449	46.133	
696.216	832.119	0.412	565.841	1436.337	
0.999	14.778				
4/15/2016 2:30:00 PM	262800.000	20.231	16.450	46.113	
695.964	831.806	0.411	565.628	1436.857	
0.999	14.781				
4/15/2016 2:45:00 PM	263700.000	20.235	16.450	46.122	
696.030	831.877	0.411	565.676	1436.720	
0.999	14.777				
4/15/2016 3:00:00 PM	264600.000	20.240	16.451	46.132	
696.245	832.126	0.412	565.846	1436.276	
0.999	14.772				
4/15/2016 3:15:00 PM	265500.000	20.230	16.451	46.110	
695.869	831.675	0.411	565.539	1437.053	
0.999	14.781				
4/15/2016 3:30:00 PM	266400.000	20.230	16.451	46.110	
695.895	831.705	0.411	565.559	1436.997	
0.999	14.774				
4/15/2016 3:45:00 PM	267300.000	20.236	16.452	46.124	
696.222	832.077	0.412	565.813	1436.323	
0.999	14.769				
4/15/2016 4:00:00 PM	268200.000	20.237	16.451	46.127	
695.921	831.722	0.411	565.571	1436.945	
0.999	14.767				
4/15/2016 4:15:00 PM	269100.000	20.236	16.453	46.124	
695.906	831.684	0.411	565.545	1436.976	
0.999	14.766				
4/15/2016 4:30:00 PM	270000.000	20.240	16.453	46.133	
695.814	831.568	0.411	565.466	1437.165	
0.999	14.759				
4/15/2016 4:45:00 PM	270900.000	20.241	16.452	46.137	
696.079	831.896	0.411	565.689	1436.618	
0.999	14.756				
4/15/2016 5:00:00 PM	271800.000	20.241	16.453	46.135	
695.853	831.617	0.411	565.500	1437.086	
0.999	14.757				
4/15/2016 5:15:00 PM	272700.000	20.243	16.453	46.140	
695.859	831.624	0.411	565.504	1437.072	
0.999	14.754				
4/15/2016 5:30:00 PM	273600.000	20.238	16.453	46.130	
696.180	832.003	0.411	565.762	1436.411	

0.999 14.758
4/15/2016 5:45:00 PM 274500.000 20.238 16.452 46.128
695.956 831.746 0.411 565.587 1436.871
0.999 14.754
4/15/2016 6:00:00 PM 275400.000 20.238 16.452 46.128
696.029 831.834 0.411 565.647 1436.722
0.999 14.754
4/15/2016 6:15:00 PM 276300.000 20.230 16.452 46.111
696.176 832.009 0.411 565.766 1436.417
0.999 14.757
4/15/2016 6:30:00 PM 277200.000 20.234 16.452 46.119
696.137 831.973 0.411 565.742 1436.500
0.999 14.758
4/15/2016 6:45:00 PM 278100.000 20.238 16.452 46.128
696.293 832.153 0.412 565.864 1436.178
0.999 14.756
4/15/2016 7:00:00 PM 279000.000 20.238 16.452 46.129
695.865 831.640 0.411 565.515 1437.061
0.999 14.753
4/15/2016 7:15:00 PM 279900.000 20.237 16.452 46.126
695.976 831.777 0.411 565.608 1436.830
0.999 14.753
4/15/2016 7:30:00 PM 280800.000 20.240 16.452 46.133
695.901 831.682 0.411 565.544 1436.985
0.999 14.750
4/15/2016 7:45:00 PM 281700.000 20.237 16.452 46.127
695.944 831.738 0.411 565.582 1436.897
0.999 14.760
4/15/2016 8:00:00 PM 282600.000 20.238 16.452 46.129
696.153 831.992 0.411 565.754 1436.465
0.999 14.763
4/15/2016 8:15:00 PM 283500.000 20.233 16.451 46.118
696.377 832.274 0.412 565.946 1436.003
0.999 14.765
4/15/2016 8:30:00 PM 284400.000 20.228 16.450 46.106
696.038 831.881 0.411 565.679 1436.704
0.999 14.772
4/15/2016 8:45:00 PM 285300.000 20.232 16.450 46.115
695.975 831.813 0.411 565.633 1436.833
0.999 14.769
4/15/2016 9:00:00 PM 286200.000 20.238 16.450 46.128
696.202 832.093 0.412 565.823 1436.365
0.999 14.771
4/15/2016 9:15:00 PM 287100.000 20.232 16.449 46.116
695.922 831.771 0.411 565.604 1436.944
0.999 14.779
4/15/2016 9:30:00 PM 288000.000 20.225 16.448 46.099
696.344 832.287 0.412 565.955 1436.073
0.999 14.777
4/15/2016 9:45:00 PM 288900.000 20.227 16.448 46.103
696.002 831.891 0.411 565.686 1436.777
0.999 14.785
4/15/2016 10:00:00 PM 289800.000 20.226 16.447 46.101
696.007 831.905 0.411 565.695 1436.767
0.999 14.785
4/15/2016 10:15:00 PM 290700.000 20.233 16.446 46.116

696.190	832.143	0.412	565.857	1436.390	
0.999	14.779				
4/15/2016 10:30:00 PM	291600.000	20.233	16.446	46.118	
695.913	831.823	0.411	565.639	1436.961	
0.999	14.778				
4/15/2016 10:45:00 PM	292500.000	20.231	16.446	46.113	
695.993	831.914	0.411	565.701	1436.795	
0.999	14.782				
4/15/2016 11:00:00 PM	293400.000	20.232	16.445	46.116	
696.062	832.009	0.411	565.766	1436.654	
0.999	14.779				
4/15/2016 11:15:00 PM	294300.000	20.232	16.446	46.114	
696.254	832.227	0.412	565.914	1436.257	
0.999	14.780				
4/15/2016 11:30:00 PM	295200.000	20.237	16.445	46.127	
695.829	831.738	0.411	565.582	1437.134	
0.999	14.776				
4/15/2016 11:45:00 PM	296100.000	20.233	16.445	46.117	
696.181	832.155	0.412	565.865	1436.407	
0.999	14.778				
4/16/2016 12:00:00 AM	297000.000	20.236	16.445	46.123	
695.727	831.612	0.411	565.496	1437.346	
0.999	14.776				
4/16/2016 12:15:00 AM	297900.000	20.237	16.445	46.126	
696.277	832.274	0.412	565.946	1436.211	
0.999	14.777				
4/16/2016 12:30:00 AM	298800.000	20.231	16.445	46.112	
695.865	831.777	0.411	565.609	1437.059	
0.999	14.778				
4/16/2016 12:45:00 AM	299700.000	20.237	16.444	46.127	
696.114	832.091	0.412	565.822	1436.547	
0.999	14.775				
4/16/2016 1:00:00 AM	300600.000	20.233	16.445	46.116	
696.035	831.987	0.411	565.751	1436.709	
0.999	14.773				
4/16/2016 1:15:00 AM	301500.000	20.221	16.445	46.091	
695.982	831.917	0.411	565.703	1436.819	
0.999	14.782				
4/16/2016 1:30:00 AM	302400.000	20.231	16.445	46.112	
696.159	832.131	0.412	565.849	1436.454	
0.999	14.778				
4/16/2016 1:45:00 AM	303300.000	20.224	16.444	46.096	
696.039	831.999	0.411	565.759	1436.700	
0.999	14.781				
4/16/2016 2:00:00 AM	304200.000	20.230	16.444	46.110	
696.052	832.014	0.411	565.770	1436.674	
0.999	14.775				
4/16/2016 2:15:00 AM	305100.000	20.229	16.445	46.108	
696.288	832.289	0.412	565.957	1436.187	
0.999	14.773				
4/16/2016 2:30:00 AM	306000.000	20.230	16.445	46.109	
696.161	832.135	0.412	565.852	1436.450	
0.999	14.775				
4/16/2016 2:45:00 AM	306900.000	20.231	16.445	46.113	
696.357	832.372	0.412	566.013	1436.045	
0.999	14.772				

4/16/2016 3:00:00 AM	307800.000	20.236	16.445	46.123	
696.323	832.316	0.412	565.975	1436.115	
0.999	14.764				
4/16/2016 3:15:00 AM	308700.000	20.236	16.445	46.124	
696.181	832.153	0.412	565.864	1436.407	
0.999	14.765				
4/16/2016 3:30:00 AM	309600.000	20.236	16.446	46.125	
696.000	831.928	0.411	565.711	1436.781	
0.999	14.762				
4/16/2016 3:45:00 AM	310500.000	20.240	16.446	46.134	
696.516	832.545	0.412	566.131	1435.716	
0.999	14.761				
4/16/2016 4:00:00 AM	311400.000	20.244	16.446	46.143	
696.094	832.031	0.411	565.781	1436.587	
0.999	14.755				
4/16/2016 4:15:00 AM	312300.000	20.238	16.446	46.128	
696.309	832.288	0.412	565.956	1436.144	
0.999	14.760				
4/16/2016 4:30:00 AM	313200.000	20.238	16.447	46.130	
696.184	832.128	0.412	565.847	1436.401	
0.999	14.762				
4/16/2016 4:45:00 AM	314100.000	20.237	16.447	46.127	
696.122	832.054	0.411	565.797	1436.529	
0.999	14.764				
4/16/2016 5:00:00 AM	315000.000	20.223	16.446	46.096	
696.155	832.100	0.412	565.828	1436.462	
0.999	14.768				
4/16/2016 5:15:00 AM	315900.000	20.233	16.447	46.118	
696.349	832.326	0.412	565.982	1436.061	
0.999	14.764				
4/16/2016 5:30:00 AM	316800.000	20.235	16.447	46.121	
695.967	831.862	0.411	565.666	1436.849	
0.999	14.764				
4/16/2016 5:45:00 AM	317700.000	20.231	16.447	46.113	
696.242	832.192	0.412	565.891	1436.283	
0.999	14.767				
4/16/2016 6:00:00 AM	318600.000	20.237	16.447	46.127	
696.294	832.260	0.412	565.937	1436.175	
0.999	14.763				
4/16/2016 6:15:00 AM	319500.000	20.230	16.446	46.110	
696.271	832.239	0.412	565.923	1436.222	
0.999	14.769				
4/16/2016 6:30:00 AM	320400.000	20.236	16.446	46.124	
696.047	831.972	0.411	565.741	1436.684	
0.999	14.768				
4/16/2016 6:45:00 AM	321300.000	20.238	16.446	46.128	
696.231	832.191	0.412	565.890	1436.305	
0.999	14.763				
4/16/2016 7:00:00 AM	322200.000	20.235	16.446	46.122	
696.135	832.079	0.412	565.814	1436.504	
0.999	14.766				
4/16/2016 7:15:00 AM	323100.000	20.237	16.447	46.125	
696.074	831.995	0.411	565.756	1436.629	
0.999	14.768				
4/16/2016 7:30:00 AM	324000.000	20.230	16.446	46.109	
696.034	831.955	0.411	565.730	1436.711	

0.999 14.779
4/16/2016 7:45:00 AM 324900.000 20.236 16.446 46.124
696.089 832.020 0.411 565.774 1436.597
0.999 14.772
4/16/2016 8:00:00 AM 325800.000 20.232 16.446 46.116
696.372 832.371 0.412 566.012 1436.014
0.999 14.772
4/16/2016 8:15:00 AM 326700.000 20.229 16.446 46.108
696.466 832.470 0.412 566.079 1435.821
0.999 14.776
4/16/2016 8:30:00 AM 327600.000 20.228 16.446 46.107
696.353 832.347 0.412 565.996 1436.053
0.999 14.777
4/16/2016 8:45:00 AM 328500.000 20.227 16.446 46.105
696.151 832.108 0.412 565.833 1436.469
0.999 14.781
4/16/2016 9:00:00 AM 329400.000 20.225 16.445 46.099
696.606 832.659 0.412 566.208 1435.532
0.999 14.777
4/16/2016 9:15:00 AM 330300.000 20.233 16.445 46.118
696.420 832.432 0.412 566.054 1435.914
0.999 14.775
4/16/2016 9:30:00 AM 331200.000 20.233 16.445 46.118
696.563 832.607 0.412 566.173 1435.619
0.999 14.765
4/16/2016 9:45:00 AM 332100.000 20.233 16.446 46.118
696.218 832.183 0.412 565.884 1436.331
0.999 14.772
4/16/2016 10:00:00 AM 333000.000 20.224 16.445 46.097
696.194 832.165 0.412 565.873 1436.380
0.999 14.777
4/16/2016 10:15:00 AM 333900.000 20.226 16.446 46.101
696.096 832.041 0.411 565.788 1436.584
0.999 14.776
4/16/2016 10:30:00 AM 334800.000 20.225 16.446 46.100
696.288 832.268 0.412 565.942 1436.186
0.999 14.775
4/16/2016 10:45:00 AM 335700.000 20.219 16.446 46.085
696.285 832.261 0.412 565.937 1436.193
0.999 14.776
4/16/2016 11:00:00 AM 336600.000 20.229 16.445 46.107
696.460 832.479 0.412 566.086 1435.833
0.999 14.776
4/16/2016 11:15:00 AM 337500.000 20.226 16.446 46.101
696.731 832.792 0.412 566.298 1435.275
0.999 14.776
4/16/2016 11:30:00 AM 338400.000 20.229 16.446 46.107
696.423 832.420 0.412 566.046 1435.910
0.999 14.773
4/16/2016 11:45:00 AM 339300.000 20.225 16.447 46.100
696.553 832.563 0.412 566.143 1435.641
0.999 14.773
4/16/2016 12:00:00 PM 340200.000 20.228 16.447 46.107
696.636 832.664 0.412 566.212 1435.471
0.999 14.768
4/16/2016 12:15:00 PM 341100.000 20.225 16.447 46.098

696.531	832.529	0.412	566.120	1435.687	
0.999	14.773				
4/16/2016 12:30:00 PM	342000.000	20.231	16.447	46.113	
696.329	832.286	0.412	565.955	1436.103	
0.999	14.771				
4/16/2016 12:45:00 PM	342900.000	20.227	16.448	46.105	
696.558	832.556	0.412	566.138	1435.631	
0.999	14.769				
4/16/2016 1:00:00 PM	343800.000	20.231	16.448	46.112	
696.387	832.344	0.412	565.994	1435.983	
0.999	14.766				
4/16/2016 1:15:00 PM	344700.000	20.230	16.449	46.110	
696.353	832.281	0.412	565.951	1436.054	
0.999	14.769				
4/16/2016 1:30:00 PM	345600.000	20.228	16.449	46.105	
696.590	832.568	0.412	566.146	1435.565	
0.999	14.769				
4/16/2016 1:45:00 PM	346500.000	20.225	16.449	46.100	
696.643	832.635	0.412	566.192	1435.456	
0.999	14.772				
4/16/2016 2:00:00 PM	347400.000	20.228	16.449	46.106	
696.671	832.656	0.412	566.206	1435.399	
0.999	14.770				
4/16/2016 2:15:00 PM	348300.000	20.230	16.449	46.111	
696.783	832.797	0.412	566.302	1435.167	
0.999	14.773				
4/16/2016 2:30:00 PM	349200.000	20.219	16.449	46.084	
696.571	832.551	0.412	566.135	1435.604	
0.999	14.778				
4/16/2016 2:45:00 PM	350100.000	20.232	16.448	46.115	
696.195	832.108	0.412	565.833	1436.379	
0.999	14.767				
4/16/2016 3:00:00 PM	351000.000	20.224	16.450	46.097	
696.700	832.687	0.412	566.227	1435.338	
0.999	14.771				
4/16/2016 3:15:00 PM	351900.000	20.219	16.449	46.085	
696.500	832.452	0.412	566.067	1435.751	
0.999	14.778				
4/16/2016 3:30:00 PM	352800.000	20.224	16.449	46.097	
696.438	832.380	0.412	566.018	1435.879	
0.999	14.767				
4/16/2016 3:45:00 PM	353700.000	20.231	16.450	46.112	
696.272	832.176	0.412	565.879	1436.219	
0.999	14.765				
4/16/2016 4:00:00 PM	354600.000	20.226	16.450	46.100	
696.670	832.652	0.412	566.204	1435.400	
0.999	14.766				
4/16/2016 4:15:00 PM	355500.000	20.231	16.449	46.113	
696.552	832.518	0.412	566.113	1435.642	
0.999	14.761				
4/16/2016 4:30:00 PM	356400.000	20.221	16.450	46.091	
696.429	832.356	0.412	566.002	1435.896	
0.999	14.768				
4/16/2016 4:45:00 PM	357300.000	20.234	16.451	46.120	
696.561	832.504	0.412	566.102	1435.625	
0.999	14.759				

4/16/2016 5:00:00 PM	358200.000	20.231	16.451	46.112	696.284	832.164	0.412	565.872	1436.196	0.999	14.757
4/16/2016 5:15:00 PM	359100.000	20.230	16.451	46.110	696.585	832.524	0.412	566.116	1435.575	0.999	14.760
4/16/2016 5:30:00 PM	360000.000	20.227	16.451	46.104	695.915	831.724	0.411	565.573	1436.958	0.999	14.758
4/16/2016 5:45:00 PM	360900.000	20.228	16.451	46.105	696.041	831.878	0.411	565.677	1436.696	0.999	14.760
4/16/2016 6:00:00 PM	361800.000	20.229	16.451	46.108	696.177	832.039	0.411	565.786	1436.415	0.999	14.759
4/16/2016 6:15:00 PM	362700.000	20.220	16.451	46.088	696.209	832.075	0.412	565.811	1436.350	0.999	14.755
4/16/2016 6:30:00 PM	363600.000	20.238	16.450	46.128	696.302	832.198	0.412	565.895	1436.157	0.999	14.752
4/16/2016 6:45:00 PM	364500.000	20.224	16.451	46.096	696.405	832.317	0.412	565.975	1435.947	0.999	14.757
4/16/2016 7:00:00 PM	365400.000	20.232	16.450	46.114	696.134	831.997	0.411	565.758	1436.505	0.999	14.755
4/16/2016 7:15:00 PM	366300.000	20.220	16.450	46.087	696.083	831.937	0.411	565.717	1436.611	0.999	14.760
4/16/2016 7:30:00 PM	367200.000	20.231	16.450	46.114	696.232	832.128	0.412	565.847	1436.302	0.999	14.755
4/16/2016 7:45:00 PM	368100.000	20.234	16.450	46.119	696.381	832.303	0.412	565.966	1435.996	0.999	14.754
4/16/2016 8:00:00 PM	369000.000	20.219	16.449	46.086	696.474	832.422	0.412	566.047	1435.803	0.999	14.759
4/16/2016 8:15:00 PM	369900.000	20.228	16.449	46.105	696.357	832.291	0.412	565.958	1436.045	0.999	14.755
4/16/2016 8:30:00 PM	370800.000	20.230	16.449	46.111	696.488	832.442	0.412	566.060	1435.775	0.999	14.755
4/16/2016 8:45:00 PM	371700.000	20.225	16.449	46.099	696.137	832.025	0.411	565.777	1436.499	0.999	14.754
4/16/2016 9:00:00 PM	372600.000	20.231	16.449	46.113	695.915	831.758	0.411	565.596	1436.957	0.999	14.756
4/16/2016 9:15:00 PM	373500.000	20.231	16.449	46.113	696.218	832.132	0.412	565.850	1436.331	0.999	14.760
4/16/2016 9:30:00 PM	374400.000	20.223	16.448	46.095	696.138	832.045	0.411	565.791	1436.496		

0.999 14.762
4/16/2016 9:45:00 PM 375300.000 20.227 16.448 46.105
695.944 831.815 0.411 565.634 1436.896
0.999 14.760
4/16/2016 10:00:00 PM 376200.000 20.220 16.448 46.087
696.223 832.158 0.412 565.868 1436.321
0.999 14.766
4/16/2016 10:15:00 PM 377100.000 20.223 16.448 46.093
696.192 832.120 0.412 565.841 1436.385
0.999 14.765
4/16/2016 10:30:00 PM 378000.000 20.218 16.447 46.084
696.321 832.287 0.412 565.955 1436.119
0.999 14.763
4/16/2016 10:45:00 PM 378900.000 20.224 16.448 46.097
696.173 832.098 0.412 565.827 1436.425
0.999 14.759
4/16/2016 11:00:00 PM 379800.000 20.222 16.447 46.091
696.144 832.071 0.412 565.809 1436.485
0.999 14.759
4/16/2016 11:15:00 PM 380700.000 20.220 16.448 46.088
696.141 832.054 0.411 565.797 1436.490
0.999 14.762
4/16/2016 11:30:00 PM 381600.000 20.227 16.447 46.103
696.335 832.297 0.412 565.962 1436.090
0.999 14.755
4/16/2016 11:45:00 PM 382500.000 20.223 16.448 46.094
696.181 832.108 0.412 565.833 1436.408
0.999 14.763
4/17/2016 12:00:00 AM 383400.000 20.225 16.448 46.098
695.936 831.813 0.411 565.633 1436.914
0.999 14.761
4/17/2016 12:15:00 AM 384300.000 20.219 16.448 46.086
695.881 831.736 0.411 565.581 1437.027
0.999 14.762
4/17/2016 12:30:00 AM 385200.000 20.223 16.448 46.096
696.122 832.026 0.411 565.778 1436.529
0.999 14.755
4/17/2016 12:45:00 AM 386100.000 20.227 16.448 46.105
696.094 831.991 0.411 565.754 1436.587
0.999 14.751
4/17/2016 1:00:00 AM 387000.000 20.226 16.448 46.102
696.243 832.173 0.412 565.878 1436.281
0.999 14.757
4/17/2016 1:15:00 AM 387900.000 20.229 16.448 46.108
696.058 831.951 0.411 565.727 1436.661
0.999 14.752
4/17/2016 1:30:00 AM 388800.000 20.224 16.449 46.097
695.942 831.799 0.411 565.623 1436.901
0.999 14.756
4/17/2016 1:45:00 AM 389700.000 20.225 16.448 46.099
695.763 831.595 0.411 565.485 1437.271
0.999 14.754
4/17/2016 2:00:00 AM 390600.000 20.221 16.449 46.090
696.280 832.205 0.412 565.899 1436.203
0.999 14.754
4/17/2016 2:15:00 AM 391500.000 20.227 16.449 46.105

695.928	831.772	0.411	565.605	1436.931	
0.999	14.751				
4/17/2016 2:30:00 AM	392400.000	20.235	16.449	46.121	
696.007	831.870	0.411	565.671	1436.767	
0.999	14.748				
4/17/2016 2:45:00 AM	393300.000	20.224	16.450	46.096	
696.096	831.958	0.411	565.731	1436.583	
0.999	14.748				
4/17/2016 3:00:00 AM	394200.000	20.225	16.450	46.099	
695.841	831.657	0.411	565.527	1437.110	
0.999	14.746				
4/17/2016 3:15:00 AM	395100.000	20.223	16.450	46.095	
696.006	831.855	0.411	565.662	1436.769	
0.999	14.748				
4/17/2016 3:30:00 AM	396000.000	20.225	16.450	46.100	
696.182	832.061	0.412	565.802	1436.405	
0.999	14.745				
4/17/2016 3:45:00 AM	396900.000	20.225	16.451	46.099	
696.385	832.295	0.412	565.960	1435.988	
0.999	14.745				
4/17/2016 4:00:00 AM	397800.000	20.235	16.450	46.122	
696.396	832.314	0.412	565.973	1435.964	
0.999	14.736				
4/17/2016 4:15:00 AM	398700.000	20.231	16.451	46.114	
696.586	832.529	0.412	566.120	1435.572	
0.999	14.739				
4/17/2016 4:30:00 AM	399600.000	20.224	16.451	46.098	
696.109	831.952	0.411	565.727	1436.557	
0.999	14.742				
4/17/2016 4:45:00 AM	400500.000	20.232	16.451	46.116	
696.548	832.475	0.412	566.083	1435.651	
0.999	14.737				
4/17/2016 5:00:00 AM	401400.000	20.227	16.451	46.104	
696.312	832.193	0.412	565.891	1436.137	
0.999	14.740				
4/17/2016 5:15:00 AM	402300.000	20.226	16.452	46.100	
696.202	832.048	0.411	565.792	1436.365	
0.999	14.738				
4/17/2016 5:30:00 AM	403200.000	20.227	16.451	46.103	
696.505	832.424	0.412	566.048	1435.739	
0.999	14.738				
4/17/2016 5:45:00 AM	404100.000	20.234	16.452	46.119	
696.161	831.997	0.411	565.758	1436.450	
0.999	14.734				
4/17/2016 6:00:00 AM	405000.000	20.232	16.452	46.115	
696.268	832.130	0.412	565.848	1436.229	
0.999	14.729				
4/17/2016 6:15:00 AM	405900.000	20.226	16.452	46.100	
696.368	832.243	0.412	565.925	1436.022	
0.999	14.733				
4/17/2016 6:30:00 AM	406800.000	20.231	16.452	46.113	
696.313	832.177	0.412	565.880	1436.136	
0.999	14.733				
4/17/2016 6:45:00 AM	407700.000	20.225	16.453	46.100	
696.123	831.943	0.411	565.721	1436.528	
0.999	14.738				

4/17/2016 7:00:00 AM	408600.000	20.231	16.452	46.112	696.431	832.320	0.412
565.978	1435.892	0.999	14.733				
4/17/2016 7:15:00 AM	409500.000	20.226	16.453	46.102	696.657	832.579	0.412
566.154	1435.426	0.999	14.734				
4/17/2016 7:30:00 AM	410400.000	20.228	16.453	46.106	696.553	832.450	0.412
566.066	1435.641	0.999	14.734				
4/17/2016 7:45:00 AM	411300.000	20.224	16.452	46.097	696.254	832.102	0.412
565.829	1436.258	0.999	14.740				
4/17/2016 8:00:00 AM	412200.000	20.230	16.453	46.111	696.612	832.528	0.412
566.119	1435.519	0.999	14.730				
4/17/2016 8:15:00 AM	413100.000	20.226	16.452	46.100	696.583	832.497	0.412
566.098	1435.579	0.999	14.735				
4/17/2016 8:30:00 AM	414000.000	20.225	16.453	46.098	696.339	832.199	0.412
565.895	1436.082	0.999	14.738				
4/17/2016 8:45:00 AM	414900.000	20.219	16.452	46.084	696.266	832.123	0.412
565.843	1436.233	0.999	14.738				
4/17/2016 9:00:00 AM	415800.000	20.223	16.452	46.096	696.751	832.701	0.412
566.236	1435.233	0.999	14.738				
4/17/2016 9:15:00 AM	416700.000	20.222	16.452	46.093	696.287	832.148	0.412
565.861	1436.189	0.999	14.732				
4/17/2016 9:30:00 AM	417600.000	20.229	16.452	46.107	696.356	832.231	0.412
565.917	1436.046	0.999	14.727				
4/17/2016 9:45:00 AM	418500.000	20.226	16.452	46.101	696.645	832.571	0.412
566.148	1435.451	0.999	14.731				
4/17/2016 10:00:00 AM	419400.000	20.224	16.452	46.096	696.521	832.426	0.412
566.050	1435.707	0.999	14.727				
4/17/2016 10:15:00 AM	420300.000	20.220	16.453	46.087	696.372	832.237	0.412
565.921	1436.015	0.999	14.732				
4/17/2016 10:30:00 AM	421200.000	20.215	16.452	46.076	696.245	832.091	0.412
565.822	1436.275	0.999	14.735				
4/17/2016 10:45:00 AM	422100.000	20.233	16.453	46.117	696.773	832.718	0.412
566.248	1435.189	0.999	14.724				
4/17/2016 11:00:00 AM	423000.000	20.225	16.452	46.099	696.557	832.466	0.412
566.077	1435.633	0.999	14.729				
4/17/2016 11:15:00 AM	423900.000	20.219	16.453	46.085	696.195	832.025	0.411
565.777	1436.379	0.999	14.736				
4/17/2016 11:30:00 AM	424800.000	20.218	16.453	46.083	696.787	832.724	0.412
566.252	1435.159						

0.999 14.735
4/17/2016 11:45:00 AM 425700.000 20.213 16.453 46.072
696.165 831.982 0.411 565.748 1436.440
0.999 14.733
4/17/2016 12:00:00 PM 426600.000 20.216 16.453 46.078
696.775 832.714 0.412 566.245 1435.184
0.999 14.735
4/17/2016 12:15:00 PM 427500.000 20.218 16.453 46.083
696.316 832.159 0.412 565.868 1436.130
0.999 14.737
4/17/2016 12:30:00 PM 428400.000 20.220 16.454 46.089
696.401 832.250 0.412 565.930 1435.955
0.999 14.736
4/17/2016 12:45:00 PM 429300.000 20.218 16.453 46.082
696.726 832.648 0.412 566.200 1435.284
0.999 14.735
4/17/2016 1:00:00 PM 430200.000 20.226 16.454 46.101
696.359 832.205 0.412 565.900 1436.042
0.999 14.731
4/17/2016 1:15:00 PM 431100.000 20.226 16.454 46.100
696.229 832.048 0.411 565.793 1436.309
0.999 14.727
4/17/2016 1:30:00 PM 432000.000 20.226 16.454 46.101
696.522 832.399 0.412 566.031 1435.704
0.999 14.726
4/17/2016 1:45:00 PM 432900.000 20.222 16.454 46.091
696.385 832.236 0.412 565.921 1435.988
0.999 14.731
4/17/2016 2:00:00 PM 433800.000 20.219 16.454 46.085
696.095 831.891 0.411 565.686 1436.585
0.999 14.736
4/17/2016 2:15:00 PM 434700.000 20.217 16.454 46.080
696.621 832.514 0.412 566.110 1435.500
0.999 14.736
4/17/2016 2:30:00 PM 435600.000 20.222 16.454 46.093
696.508 832.379 0.412 566.018 1435.733
0.999 14.735
4/17/2016 2:45:00 PM 436500.000 20.221 16.453 46.089
696.424 832.285 0.412 565.954 1435.907
0.999 14.738
4/17/2016 3:00:00 PM 437400.000 20.216 16.454 46.078
696.391 832.242 0.412 565.924 1435.976
0.999 14.738
4/17/2016 3:15:00 PM 438300.000 20.219 16.453 46.085
696.537 832.420 0.412 566.046 1435.673
0.999 14.740
4/17/2016 3:30:00 PM 439200.000 20.225 16.453 46.099
696.593 832.493 0.412 566.095 1435.559
0.999 14.732
4/17/2016 3:45:00 PM 440100.000 20.216 16.453 46.079
696.539 832.435 0.412 566.056 1435.669
0.999 14.732
4/17/2016 4:00:00 PM 441000.000 20.213 16.453 46.071
696.023 831.814 0.411 565.633 1436.735
0.999 14.737
4/17/2016 4:15:00 PM 441900.000 20.222 16.453 46.091

696.332	832.186	0.412	565.887	1436.097	
0.999	14.734				
4/17/2016 4:30:00 PM	442800.000	20.219	16.452	46.084	
696.205	832.046	0.411	565.792	1436.359	
0.999	14.733				
4/17/2016 4:45:00 PM	443700.000	20.224	16.453	46.098	
696.451	832.329	0.412	565.984	1435.851	
0.999	14.728				
4/17/2016 5:00:00 PM	444600.000	20.222	16.453	46.093	
696.520	832.418	0.412	566.044	1435.709	
0.999	14.730				
4/17/2016 5:15:00 PM	445500.000	20.221	16.453	46.090	
696.197	832.030	0.411	565.781	1436.375	
0.999	14.733				
4/17/2016 5:30:00 PM	446400.000	20.225	16.453	46.100	
696.573	832.476	0.412	566.084	1435.600	
0.999	14.732				
4/17/2016 5:45:00 PM	447300.000	20.220	16.453	46.089	
696.527	832.426	0.412	566.050	1435.695	
0.999	14.733				
4/17/2016 6:00:00 PM	448200.000	20.217	16.453	46.080	
696.575	832.482	0.412	566.088	1435.596	
0.999	14.732				
4/17/2016 6:15:00 PM	449100.000	20.217	16.452	46.082	
696.113	831.942	0.411	565.720	1436.548	
0.999	14.732				
4/17/2016 6:30:00 PM	450000.000	20.224	16.452	46.096	
696.277	832.133	0.412	565.851	1436.209	
0.999	14.734				
4/17/2016 6:45:00 PM	450900.000	20.214	16.452	46.073	
696.315	832.185	0.412	565.886	1436.131	
0.999	14.737				
4/17/2016 7:00:00 PM	451800.000	20.224	16.452	46.096	
696.558	832.470	0.412	566.080	1435.630	
0.999	14.726				
4/17/2016 7:15:00 PM	452700.000	20.226	16.451	46.102	
696.500	832.421	0.412	566.046	1435.749	
0.999	14.731				
4/17/2016 7:30:00 PM	453600.000	20.218	16.451	46.083	
696.628	832.579	0.412	566.153	1435.487	
0.999	14.734				
4/17/2016 7:45:00 PM	454500.000	20.225	16.451	46.099	
696.504	832.429	0.412	566.052	1435.741	
0.999	14.734				
4/17/2016 8:00:00 PM	455400.000	20.217	16.451	46.081	
696.357	832.256	0.412	565.934	1436.045	
0.999	14.739				
4/17/2016 8:15:00 PM	456300.000	20.223	16.450	46.094	
696.085	831.941	0.411	565.720	1436.607	
0.999	14.737				
4/17/2016 8:30:00 PM	457200.000	20.216	16.450	46.079	
696.685	832.666	0.412	566.213	1435.370	
0.999	14.738				
4/17/2016 8:45:00 PM	458100.000	20.220	16.449	46.088	
696.197	832.090	0.412	565.821	1436.375	
0.999	14.740				

4/17/2016 9:00:00 PM	459000.000	20.216	16.449	46.078	696.038	831.903	0.411
565.694	1436.704	0.999	14.744				
4/17/2016 9:15:00 PM	459900.000	20.214	16.449	46.074	696.236	832.137	0.412
565.853	1436.295	0.999	14.744				
4/17/2016 9:30:00 PM	460800.000	20.212	16.449	46.070	696.329	832.260	0.412
565.937	1436.103	0.999	14.743				
4/17/2016 9:45:00 PM	461700.000	20.224	16.449	46.098	696.181	832.080	0.412
565.814	1436.407	0.999	14.742				
4/17/2016 10:00:00 PM	462600.000	20.215	16.449	46.077	696.376	832.306	0.412
565.968	1436.006	0.999	14.749				
4/17/2016 10:15:00 PM	463500.000	20.218	16.449	46.083	696.652	832.638	0.412
566.194	1435.436	0.999	14.744				
4/17/2016 10:30:00 PM	464400.000	20.218	16.449	46.082	696.128	832.012	0.411
565.768	1436.517	0.999	14.747				
4/17/2016 10:45:00 PM	465300.000	20.217	16.450	46.080	696.304	832.213	0.412
565.905	1436.155	0.999	14.744				
4/17/2016 11:00:00 PM	466200.000	20.221	16.449	46.090	695.876	831.709	0.411
565.562	1437.037	0.999	14.743				
4/17/2016 11:15:00 PM	467100.000	20.219	16.450	46.085	696.318	832.229	0.412
565.916	1436.126	0.999	14.741				
4/17/2016 11:30:00 PM	468000.000	20.222	16.450	46.091	696.507	832.453	0.412
566.068	1435.735	0.999	14.738				
4/17/2016 11:45:00 PM	468900.000	20.216	16.450	46.078	696.305	832.213	0.412
565.905	1436.152	0.999	14.746				
4/18/2016 12:00:00 AM	469800.000	20.225	16.450	46.100	696.256	832.153	0.412
565.864	1436.253	0.999	14.733				
4/18/2016 12:15:00 AM	470700.000	20.217	16.451	46.082	695.938	831.761	0.411
565.597	1436.910	0.999	14.735				
4/18/2016 12:30:00 AM	471600.000	20.211	16.451	46.068	696.621	832.569	0.412
566.147	1435.501	0.999	14.743				
4/18/2016 12:45:00 AM	472500.000	20.218	16.451	46.084	696.373	832.279	0.412
565.950	1436.012	0.999	14.744				
4/18/2016 1:00:00 AM	473400.000	20.220	16.451	46.089	695.973	831.794	0.411
565.620	1436.837	0.999	14.740				
4/18/2016 1:15:00 AM	474300.000	20.222	16.451	46.093	696.198	832.068	0.412
565.807	1436.373	0.999	14.737				
4/18/2016 1:30:00 AM	475200.000	20.225	16.451	46.099	696.618	832.561	0.412
566.142	1435.508						

0.999 14.741
4/18/2016 1:45:00 AM 476100.000 20.203 16.451 46.049
696.088 831.938 0.411 565.718 1436.600
0.999 14.745
4/18/2016 2:00:00 AM 477000.000 20.215 16.451 46.075
696.113 831.967 0.411 565.737 1436.548
0.999 14.741
4/18/2016 2:15:00 AM 477900.000 20.222 16.451 46.093
696.151 832.012 0.411 565.768 1436.470
0.999 14.738
4/18/2016 2:30:00 AM 478800.000 20.209 16.451 46.062
696.249 832.129 0.412 565.848 1436.268
0.999 14.741
4/18/2016 2:45:00 AM 479700.000 20.223 16.451 46.094
696.304 832.192 0.412 565.890 1436.154
0.999 14.734
4/18/2016 3:00:00 AM 480600.000 20.217 16.451 46.081
696.235 832.104 0.412 565.831 1436.297
0.999 14.735
4/18/2016 3:15:00 AM 481500.000 20.217 16.452 46.080
696.409 832.302 0.412 565.965 1435.939
0.999 14.734
4/18/2016 3:30:00 AM 482400.000 20.215 16.451 46.077
696.732 832.694 0.412 566.232 1435.272
0.999 14.735
4/18/2016 3:45:00 AM 483300.000 20.227 16.452 46.104
696.774 832.734 0.412 566.260 1435.186
0.999 14.726
4/18/2016 4:00:00 AM 484200.000 20.219 16.452 46.086
696.438 832.326 0.412 565.982 1435.879
0.999 14.732
4/18/2016 4:15:00 AM 485100.000 20.212 16.452 46.069
696.757 832.714 0.412 566.246 1435.222
0.999 14.741
4/18/2016 4:30:00 AM 486000.000 20.225 16.452 46.099
696.474 832.375 0.412 566.015 1435.803
0.999 14.735
4/18/2016 4:45:00 AM 486900.000 20.217 16.452 46.081
696.411 832.294 0.412 565.960 1435.934
0.999 14.740
4/18/2016 5:00:00 AM 487800.000 20.215 16.452 46.076
696.907 832.887 0.412 566.363 1434.912
0.999 14.740
4/18/2016 5:15:00 AM 488700.000 20.215 16.452 46.076
696.727 832.682 0.412 566.224 1435.283
0.999 14.739
4/18/2016 5:30:00 AM 489600.000 20.220 16.451 46.087
696.804 832.778 0.412 566.289 1435.123
0.999 14.741
4/18/2016 5:45:00 AM 490500.000 20.217 16.452 46.082
696.485 832.392 0.412 566.027 1435.782
0.999 14.742
4/18/2016 6:00:00 AM 491400.000 20.221 16.451 46.090
696.527 832.447 0.412 566.064 1435.694
0.999 14.739
4/18/2016 6:15:00 AM 492300.000 20.216 16.451 46.078

696.806	832.787	0.412	566.295	1435.119	0.999	14.742			
4/18/2016 6:30:00 AM	493200.000	20.222	16.451	46.092	696.775	832.752	0.412	566.271	1435.183
0.999	14.735								
4/18/2016 6:45:00 AM	494100.000	20.221	16.451	46.089	696.634	832.590	0.412	566.161	1435.473
0.999	14.743								
4/18/2016 7:00:00 AM	495000.000	20.216	16.451	46.079	696.494	832.412	0.412	566.040	1435.763
0.999	14.744								
4/18/2016 7:15:00 AM	495900.000	20.221	16.451	46.090	696.380	832.282	0.412	565.952	1435.998
0.999	14.749								
4/18/2016 7:30:00 AM	496800.000	20.218	16.451	46.083	696.499	832.431	0.412	566.053	1435.752
0.999	14.747								
4/18/2016 7:45:00 AM	497700.000	20.216	16.451	46.079	696.355	832.257	0.412	565.935	1436.050
0.999	14.747								
4/18/2016 8:00:00 AM	498600.000	20.201	16.451	46.045	696.251	832.134	0.412	565.851	1436.263
0.999	14.760								
4/18/2016 8:15:00 AM	499500.000	20.209	16.450	46.062	696.450	832.391	0.412	566.026	1435.852
0.999	14.767								
4/18/2016 8:30:00 AM	500400.000	20.223	16.450	46.094	696.644	832.614	0.412	566.178	1435.454
0.999	14.753								
4/18/2016 8:45:00 AM	501300.000	20.213	16.449	46.073	696.645	832.631	0.412	566.189	1435.451
0.999	14.760								
4/18/2016 9:00:00 AM	502200.000	20.215	16.450	46.076	696.457	832.393	0.412	566.027	1435.838
0.999	14.759								
4/18/2016 9:15:00 AM	503100.000	20.213	16.450	46.071	696.358	832.278	0.412	565.949	1436.043
0.999	14.760								
4/18/2016 9:30:00 AM	504000.000	20.214	16.449	46.075	696.401	832.338	0.412	565.990	1435.954
0.999	14.758								
4/18/2016 9:45:00 AM	504900.000	20.215	16.449	46.077	696.468	832.417	0.412	566.044	1435.817
0.999	14.758								
4/18/2016 10:00:00 AM	505800.000	20.213	16.449	46.072	696.621	832.612	0.412	566.177	1435.500
0.999	14.761								
4/18/2016 10:15:00 AM	506700.000	20.205	16.449	46.054	696.635	832.621	0.412	566.182	1435.472
0.999	14.758								
4/18/2016 10:30:00 AM	507600.000	20.209	16.449	46.064	696.569	832.536	0.412	566.125	1435.609
0.999	14.754								
4/18/2016 10:45:00 AM	508500.000	20.212	16.449	46.068	696.412	832.356	0.412	566.002	1435.931
0.999	14.759								

4/18/2016 11:00:00 AM 509400.000 20.211 16.450 46.068
696.102 831.974 0.411 565.742 1436.571
0.999 14.758
4/18/2016 11:15:00 AM 510300.000 20.213 16.449 46.072
696.505 832.462 0.412 566.074 1435.740
0.999 14.758
4/18/2016 11:30:00 AM 511200.000 20.218 16.449 46.084
696.539 832.504 0.412 566.103 1435.670
0.999 14.757
4/18/2016 11:45:00 AM 512100.000 20.212 16.450 46.069
696.313 832.228 0.412 565.915 1436.135
0.999 14.754
4/18/2016 12:00:00 PM 513000.000 20.208 16.450 46.061
696.142 832.013 0.411 565.769 1436.489
0.999 14.761
4/18/2016 12:15:00 PM 513900.000 20.216 16.450 46.079
696.537 832.490 0.412 566.093 1435.674
0.999 14.756
4/18/2016 12:30:00 PM 514800.000 20.213 16.450 46.071
695.988 831.836 0.411 565.648 1436.806
0.999 14.752
4/18/2016 12:45:00 PM 515700.000 20.220 16.450 46.088
696.316 832.219 0.412 565.909 1436.130
0.999 14.749
4/18/2016 1:00:00 PM 516600.000 20.212 16.451 46.069
696.159 832.023 0.411 565.776 1436.454
0.999 14.752
4/18/2016 1:15:00 PM 517500.000 20.213 16.451 46.072
696.027 831.859 0.411 565.664 1436.725
0.999 14.754
4/18/2016 1:30:00 PM 518400.000 20.214 16.450 46.074
696.174 832.046 0.411 565.791 1436.423
0.999 14.754
4/18/2016 1:45:00 PM 519300.000 20.215 16.451 46.077
696.322 832.218 0.412 565.909 1436.117
0.999 14.755
4/18/2016 2:00:00 PM 520200.000 20.216 16.451 46.079
696.027 831.864 0.411 565.668 1436.725
0.999 14.749
4/18/2016 2:15:00 PM 521100.000 20.217 16.450 46.082
696.416 832.341 0.412 565.992 1435.924
0.999 14.752
4/18/2016 2:30:00 PM 522000.000 20.212 16.450 46.069
695.993 831.828 0.411 565.643 1436.796
0.999 14.753
4/18/2016 2:45:00 PM 522900.000 20.212 16.451 46.070
696.052 831.896 0.411 565.690 1436.675
0.999 14.752
4/18/2016 3:00:00 PM 523800.000 20.215 16.451 46.077
696.075 831.913 0.411 565.701 1436.626
0.999 14.752
4/18/2016 3:15:00 PM 524700.000 20.215 16.451 46.077
695.974 831.803 0.411 565.626 1436.836
0.999 14.749
4/18/2016 3:30:00 PM 525600.000 20.217 16.451 46.080
696.120 831.974 0.411 565.742 1436.533

0.999	14.752				
4/18/2016 3:45:00 PM	526500.000	20.216	16.451	46.078	
696.256	832.134	0.412	565.851	1436.254	
0.999	14.753				
4/18/2016 4:00:00 PM	527400.000	20.215	16.450	46.077	
695.937	831.768	0.411	565.602	1436.911	
0.999	14.753				
4/18/2016 4:15:00 PM	528300.000	20.215	16.450	46.075	
695.817	831.628	0.411	565.507	1437.160	
0.999	14.755				
4/18/2016 4:30:00 PM	529200.000	20.214	16.449	46.075	
695.975	831.825	0.411	565.641	1436.834	
0.999	14.755				
4/18/2016 4:45:00 PM	530100.000	20.221	16.450	46.089	
695.713	831.511	0.411	565.427	1437.373	
0.999	14.751				
4/18/2016 5:00:00 PM	531000.000	20.217	16.449	46.082	
695.854	831.697	0.411	565.554	1437.084	
0.999	14.756				
4/18/2016 5:15:00 PM	531900.000	20.211	16.448	46.067	
696.195	832.110	0.412	565.835	1436.379	
0.999	14.756				
4/18/2016 5:30:00 PM	532800.000	20.225	16.448	46.098	
696.214	832.139	0.412	565.854	1436.340	
0.999	14.745				
4/18/2016 5:45:00 PM	533700.000	20.211	16.447	46.066	
695.917	831.794	0.411	565.620	1436.952	
0.999	14.753				
4/18/2016 6:00:00 PM	534600.000	20.213	16.448	46.071	
696.247	832.187	0.412	565.887	1436.272	
0.999	14.753				
4/18/2016 6:15:00 PM	535500.000	20.225	16.447	46.098	
695.816	831.674	0.411	565.538	1437.161	
0.999	14.742				
4/18/2016 6:30:00 PM	536400.000	20.213	16.447	46.072	
696.238	832.181	0.412	565.883	1436.291	
0.999	14.747				
4/18/2016 6:45:00 PM	537300.000	20.219	16.448	46.085	
695.924	831.798	0.411	565.622	1436.938	
0.999	14.742				
4/18/2016 7:00:00 PM	538200.000	20.217	16.447	46.081	
695.845	831.713	0.411	565.565	1437.101	
0.999	14.745				
4/18/2016 7:15:00 PM	539100.000	20.218	16.448	46.083	
695.750	831.589	0.411	565.481	1437.299	
0.999	14.743				
4/18/2016 7:30:00 PM	540000.000	20.217	16.448	46.082	
696.171	832.085	0.412	565.818	1436.428	
0.999	14.747				
4/18/2016 7:45:00 PM	540900.000	20.214	16.448	46.075	
696.308	832.258	0.412	565.935	1436.146	
0.999	14.747				
4/18/2016 8:00:00 PM	541800.000	20.216	16.448	46.078	
695.911	831.782	0.411	565.612	1436.965	
0.999	14.748				
4/18/2016 8:15:00 PM	542700.000	20.210	16.447	46.065	

695.883 831.754 0.411 565.592 1437.023
0.999 14.750
4/18/2016 8:30:00 PM 543600.000 20.218 16.447 46.082
695.775 831.628 0.411 565.507 1437.246
0.999 14.750
4/18/2016 8:45:00 PM 544500.000 20.217 16.447 46.080
695.861 831.732 0.411 565.578 1437.069
0.999 14.747
4/18/2016 9:00:00 PM 545400.000 20.218 16.446 46.084
695.905 831.797 0.411 565.622 1436.979
0.999 14.747
4/18/2016 9:15:00 PM 546300.000 20.210 16.447 46.066
696.177 832.116 0.412 565.839 1436.416
0.999 14.753
4/18/2016 9:30:00 PM 547200.000 20.212 16.446 46.070
696.106 832.050 0.411 565.794 1436.563
0.999 14.754
4/18/2016 9:45:00 PM 548100.000 20.213 16.446 46.071
696.205 832.158 0.412 565.868 1436.359
0.999 14.754
4/18/2016 10:00:00 PM 549000.000 20.217 16.446 46.080
696.160 832.111 0.412 565.836 1436.451
0.999 14.753
4/18/2016 10:15:00 PM 549900.000 20.217 16.446 46.080
696.057 831.979 0.411 565.746 1436.665
0.999 14.756
4/18/2016 10:30:00 PM 550800.000 20.216 16.446 46.078
696.270 832.239 0.412 565.923 1436.224
0.999 14.754
4/18/2016 10:45:00 PM 551700.000 20.218 16.446 46.084
695.969 831.881 0.411 565.679 1436.846
0.999 14.754
4/18/2016 11:00:00 PM 552600.000 20.210 16.446 46.064
695.979 831.893 0.411 565.687 1436.826
0.999 14.758
4/18/2016 11:15:00 PM 553500.000 20.214 16.446 46.074
695.951 831.855 0.411 565.661 1436.882
0.999 14.753
4/18/2016 11:30:00 PM 554400.000 20.209 16.446 46.063
696.238 832.199 0.412 565.895 1436.291
0.999 14.751
4/18/2016 11:45:00 PM 555300.000 20.214 16.447 46.075
695.996 831.905 0.411 565.695 1436.791
0.999 14.749
4/19/2016 12:00:00 AM 556200.000 20.215 16.446 46.075
696.021 831.944 0.411 565.722 1436.739
0.999 14.745
4/19/2016 12:15:00 AM 557100.000 20.217 16.446 46.081
696.342 832.320 0.412 565.977 1436.077
0.999 14.748
4/19/2016 12:30:00 AM 558000.000 20.215 16.447 46.077
696.290 832.243 0.412 565.926 1436.183
0.999 14.748
4/19/2016 12:45:00 AM 558900.000 20.215 16.447 46.076
696.014 831.910 0.411 565.699 1436.752
0.999 14.745

4/19/2016 1:00:00 AM	559800.000	20.216	16.448	46.079	
695.960	831.837	0.411	565.649	1436.864	
0.999	14.741				
4/19/2016 1:15:00 AM	560700.000	20.212	16.449	46.070	
696.152	832.053	0.411	565.796	1436.469	
0.999	14.745				
4/19/2016 1:30:00 AM	561600.000	20.218	16.449	46.083	
696.364	832.306	0.412	565.968	1436.031	
0.999	14.736				
4/19/2016 1:45:00 AM	562500.000	20.219	16.448	46.086	
696.305	832.238	0.412	565.922	1436.151	
0.999	14.738				
4/19/2016 2:00:00 AM	563400.000	20.217	16.449	46.080	
696.004	831.865	0.411	565.668	1436.773	
0.999	14.735				
4/19/2016 2:15:00 AM	564300.000	20.206	16.450	46.056	
696.104	831.976	0.411	565.744	1436.567	
0.999	14.744				
4/19/2016 2:30:00 AM	565200.000	20.214	16.451	46.074	
696.010	831.845	0.411	565.655	1436.761	
0.999	14.734				
4/19/2016 2:45:00 AM	566100.000	20.212	16.450	46.069	
696.237	832.132	0.412	565.850	1436.292	
0.999	14.738				
4/19/2016 3:00:00 AM	567000.000	20.214	16.451	46.075	
696.216	832.092	0.412	565.823	1436.337	
0.999	14.733				
4/19/2016 3:15:00 AM	567900.000	20.219	16.451	46.085	
696.127	831.969	0.411	565.739	1436.521	
0.999	14.726				
4/19/2016 3:30:00 AM	568800.000	20.215	16.451	46.076	
696.228	832.102	0.412	565.830	1436.311	
0.999	14.727				
4/19/2016 3:45:00 AM	569700.000	20.217	16.451	46.080	
696.164	832.021	0.411	565.774	1436.444	
0.999	14.731				
4/19/2016 4:00:00 AM	570600.000	20.207	16.452	46.059	
696.203	832.051	0.411	565.795	1436.362	
0.999	14.738				
4/19/2016 4:15:00 AM	571500.000	20.217	16.451	46.080	
696.425	832.328	0.412	565.983	1435.904	
0.999	14.730				
4/19/2016 4:30:00 AM	572400.000	20.220	16.452	46.089	
695.968	831.764	0.411	565.599	1436.847	
0.999	14.719				
4/19/2016 4:45:00 AM	573300.000	20.216	16.452	46.077	
696.112	831.936	0.411	565.716	1436.550	
0.999	14.727				
4/19/2016 5:00:00 AM	574200.000	20.216	16.453	46.079	
696.095	831.910	0.411	565.699	1436.586	
0.999	14.723				
4/19/2016 5:15:00 AM	575100.000	20.217	16.453	46.081	
696.125	831.944	0.411	565.722	1436.525	
0.999	14.722				
4/19/2016 5:30:00 AM	576000.000	20.216	16.452	46.078	
696.599	832.514	0.412	566.109	1435.547	

0.999 14.720
4/19/2016 5:45:00 AM 576900.000 20.220 16.452 46.088
696.043 831.850 0.411 565.658 1436.693
0.999 14.718
4/19/2016 6:00:00 AM 577800.000 20.223 16.453 46.094
696.326 832.182 0.412 565.884 1436.110
0.999 14.710
4/19/2016 6:15:00 AM 578700.000 20.219 16.453 46.085
696.310 832.150 0.412 565.862 1436.142
0.999 14.717
4/19/2016 6:30:00 AM 579600.000 20.220 16.454 46.088
696.489 832.357 0.412 566.003 1435.773
0.999 14.712
4/19/2016 6:45:00 AM 580500.000 20.208 16.453 46.060
696.464 832.334 0.412 565.987 1435.824
0.999 14.713
4/19/2016 7:00:00 AM 581400.000 20.220 16.454 46.087
696.258 832.070 0.412 565.808 1436.249
0.999 14.711
4/19/2016 7:15:00 AM 582300.000 20.213 16.454 46.073
696.361 832.208 0.412 565.902 1436.036
0.999 14.719
4/19/2016 7:30:00 AM 583200.000 20.218 16.454 46.084
696.094 831.872 0.411 565.673 1436.587
0.999 14.714
4/19/2016 7:45:00 AM 584100.000 20.218 16.454 46.083
696.151 831.954 0.411 565.729 1436.470
0.999 14.711
4/19/2016 8:00:00 AM 585000.000 20.220 16.454 46.087
696.093 831.878 0.411 565.677 1436.589
0.999 14.712
4/19/2016 8:15:00 AM 585900.000 20.216 16.454 46.079
696.076 831.852 0.411 565.660 1436.625
0.999 14.715
4/19/2016 8:30:00 AM 586800.000 20.216 16.454 46.079
696.072 831.852 0.411 565.659 1436.634
0.999 14.715
4/19/2016 8:45:00 AM 587700.000 20.219 16.454 46.086
696.386 832.223 0.412 565.912 1435.985
0.999 14.711
4/19/2016 9:00:00 AM 588600.000 20.213 16.454 46.072
695.928 831.689 0.411 565.548 1436.930
0.999 14.716
4/19/2016 9:15:00 AM 589500.000 20.213 16.454 46.072
696.309 832.143 0.412 565.857 1436.144
0.999 14.716
4/19/2016 9:30:00 AM 590400.000 20.214 16.454 46.075
696.320 832.155 0.412 565.866 1436.122
0.999 14.715
4/19/2016 9:45:00 AM 591300.000 20.207 16.454 46.059
696.323 832.151 0.412 565.863 1436.115
0.999 14.713
4/19/2016 10:00:00 AM 592200.000 20.206 16.454 46.057
695.955 831.711 0.411 565.564 1436.874
0.999 14.719
4/19/2016 10:15:00 AM 593100.000 20.212 16.454 46.069

695.868 831.613 0.411 565.497 1437.055
0.999 14.720
4/19/2016 10:30:00 AM 594000.000 20.211 16.454 46.067
696.471 832.338 0.412 565.990 1435.809
0.999 14.718
4/19/2016 10:45:00 AM 594900.000 20.211 16.454 46.067
695.804 831.537 0.411 565.445 1437.186
0.999 14.717
4/19/2016 11:00:00 AM 595800.000 20.207 16.453 46.058
696.286 832.125 0.412 565.845 1436.191
0.999 14.722
4/19/2016 11:15:00 AM 596700.000 20.208 16.453 46.059
696.314 832.153 0.412 565.864 1436.134
0.999 14.718
4/19/2016 11:30:00 AM 597600.000 20.209 16.453 46.062
695.969 831.755 0.411 565.594 1436.845
0.999 14.715
4/19/2016 11:45:00 AM 598500.000 20.213 16.453 46.071
696.029 831.830 0.411 565.645 1436.721
0.999 14.720
4/19/2016 12:00:00 PM 599400.000 20.212 16.453 46.070
696.001 831.785 0.411 565.614 1436.779
0.999 14.718
4/19/2016 12:15:00 PM 600300.000 20.209 16.453 46.062
696.203 832.037 0.411 565.785 1436.363
0.999 14.720
4/19/2016 12:30:00 PM 601200.000 20.210 16.453 46.064
695.895 831.658 0.411 565.528 1436.998
0.999 14.713
4/19/2016 12:45:00 PM 602100.000 20.211 16.453 46.068
695.864 831.617 0.411 565.500 1437.063
0.999 14.714
4/19/2016 1:00:00 PM 603000.000 20.216 16.453 46.078
696.301 832.148 0.412 565.861 1436.160
0.999 14.713
4/19/2016 1:15:00 PM 603900.000 20.210 16.453 46.064
696.155 831.970 0.411 565.740 1436.462
0.999 14.716
4/19/2016 1:30:00 PM 604800.000 20.208 16.453 46.060
695.766 831.508 0.411 565.425 1437.264
0.999 14.717
4/19/2016 1:45:00 PM 605700.000 20.205 16.453 46.054
695.873 831.637 0.411 565.513 1437.043
0.999 14.714
4/19/2016 2:00:00 PM 606600.000 20.213 16.453 46.071
695.719 831.453 0.411 565.388 1437.361
0.999 14.714
4/19/2016 2:15:00 PM 607500.000 20.208 16.453 46.060
695.551 831.252 0.411 565.251 1437.709
0.999 14.715
4/19/2016 2:30:00 PM 608400.000 20.208 16.453 46.061
696.014 831.810 0.411 565.631 1436.752
0.999 14.714
4/19/2016 2:45:00 PM 609300.000 20.208 16.452 46.061
696.097 831.921 0.411 565.706 1436.581
0.999 14.714

4/19/2016 3:00:00 PM	610200.000	20.213	16.452	46.072
695.895	831.678	0.411	565.541	1436.997
0.999	14.715			
4/19/2016 3:15:00 PM	611100.000	20.207	16.451	46.058
696.133	831.976	0.411	565.743	1436.507
0.999	14.715			
4/19/2016 3:30:00 PM	612000.000	20.212	16.452	46.070
696.098	831.932	0.411	565.714	1436.580
0.999	14.710			
4/19/2016 3:45:00 PM	612900.000	20.212	16.450	46.070
695.885	831.703	0.411	565.558	1437.018
0.999	14.707			
4/19/2016 4:00:00 PM	613800.000	20.216	16.451	46.079
696.062	831.908	0.411	565.697	1436.653
0.999	14.702			
4/19/2016 4:15:00 PM	614700.000	20.211	16.449	46.067
695.789	831.604	0.411	565.491	1437.218
0.999	14.706			
4/19/2016 4:30:00 PM	615600.000	20.215	16.449	46.076
696.068	831.938	0.411	565.718	1436.641
0.999	14.701			
4/19/2016 4:45:00 PM	616500.000	20.215	16.448	46.077
695.680	831.493	0.411	565.415	1437.442
0.999	14.699			
4/19/2016 5:00:00 PM	617400.000	20.220	16.448	46.088
695.936	831.799	0.411	565.624	1436.915
0.999	14.697			
4/19/2016 5:15:00 PM	618300.000	20.214	16.448	46.074
695.517	831.307	0.411	565.289	1437.780
0.999	14.700			
4/19/2016 5:30:00 PM	619200.000	20.224	16.447	46.097
696.050	831.963	0.411	565.735	1436.678
0.999	14.689			
4/19/2016 5:45:00 PM	620100.000	20.222	16.447	46.093
696.304	832.259	0.412	565.936	1436.155
0.999	14.690			
4/19/2016 6:00:00 PM	621000.000	20.221	16.447	46.091
696.181	832.121	0.412	565.843	1436.408
0.999	14.689			
4/19/2016 6:15:00 PM	621900.000	20.210	16.446	46.065
696.159	832.111	0.412	565.836	1436.454
0.999	14.690			
4/19/2016 6:30:00 PM	622800.000	20.214	16.445	46.074
695.582	831.443	0.411	565.381	1437.644
0.999	14.689			
4/19/2016 6:45:00 PM	623700.000	20.223	16.444	46.094
696.141	832.129	0.412	565.847	1436.491
0.999	14.687			
4/19/2016 7:00:00 PM	624600.000	20.218	16.443	46.083
695.998	831.974	0.411	565.742	1436.786
0.999	14.688			
4/19/2016 7:15:00 PM	625500.000	20.217	16.443	46.081
695.748	831.680	0.411	565.543	1437.302
0.999	14.693			
4/19/2016 7:30:00 PM	626400.000	20.216	16.442	46.079
695.750	831.701	0.411	565.557	1437.298

0.999 14.690
4/19/2016 7:45:00 PM 627300.000 20.231 16.440 46.112
695.869 831.870 0.411 565.672 1437.052
0.999 14.685
4/19/2016 8:00:00 PM 628200.000 20.219 16.440 46.085
695.754 831.731 0.411 565.577 1437.289
0.999 14.694
4/19/2016 8:15:00 PM 629100.000 20.211 16.440 46.067
695.675 831.652 0.411 565.523 1437.452
0.999 14.698
4/19/2016 8:30:00 PM 630000.000 20.216 16.438 46.078
696.016 832.090 0.412 565.821 1436.750
0.999 14.699
4/19/2016 8:45:00 PM 630900.000 20.221 16.437 46.089
695.979 832.058 0.411 565.800 1436.825
0.999 14.696
4/19/2016 9:00:00 PM 631800.000 20.212 16.436 46.070
695.904 831.998 0.411 565.759 1436.981
0.999 14.706
4/19/2016 9:15:00 PM 632700.000 20.215 16.435 46.076
695.879 831.976 0.411 565.744 1437.031
0.999 14.705
4/19/2016 9:30:00 PM 633600.000 20.210 16.434 46.065
696.079 832.236 0.412 565.920 1436.619
0.999 14.709
4/19/2016 9:45:00 PM 634500.000 20.208 16.434 46.060
695.697 831.793 0.411 565.619 1437.407
0.999 14.706
4/19/2016 10:00:00 PM 635400.000 20.208 16.433 46.060
695.792 831.920 0.411 565.706 1437.210
0.999 14.709
4/19/2016 10:15:00 PM 636300.000 20.201 16.433 46.045
695.808 831.944 0.411 565.722 1437.178
0.999 14.710
4/19/2016 10:30:00 PM 637200.000 20.204 16.432 46.052
695.503 831.590 0.411 565.481 1437.808
0.999 14.707
4/19/2016 10:45:00 PM 638100.000 20.212 16.431 46.069
695.784 831.940 0.411 565.719 1437.227
0.999 14.707
4/19/2016 11:00:00 PM 639000.000 20.219 16.431 46.085
695.925 832.107 0.412 565.833 1436.936
0.999 14.704
4/19/2016 11:15:00 PM 639900.000 20.214 16.432 46.073
695.835 831.996 0.411 565.757 1437.122
0.999 14.703
4/19/2016 11:30:00 PM 640800.000 20.210 16.432 46.065
696.034 832.221 0.412 565.910 1436.711
0.999 14.707
4/19/2016 11:45:00 PM 641700.000 20.221 16.432 46.090
695.888 832.058 0.411 565.800 1437.012
0.999 14.699
4/20/2016 12:00:00 AM 642600.000 20.212 16.431 46.069
695.579 831.693 0.411 565.552 1437.651
0.999 14.705
4/20/2016 12:15:00 AM 643500.000 20.214 16.432 46.073

695.610 831.727 0.411 565.574 1437.587
0.999 14.703
4/20/2016 12:30:00 AM 644400.000 20.209 16.432 46.062
695.883 832.049 0.411 565.793 1437.023
0.999 14.706
4/20/2016 12:45:00 AM 645300.000 20.209 16.431 46.062
695.660 831.799 0.411 565.623 1437.484
0.999 14.712
4/20/2016 1:00:00 AM 646200.000 20.209 16.432 46.062
695.825 831.982 0.411 565.748 1437.144
0.999 14.705
4/20/2016 1:15:00 AM 647100.000 20.212 16.431 46.070
695.867 832.045 0.411 565.790 1437.056
0.999 14.708
4/20/2016 1:30:00 AM 648000.000 20.211 16.432 46.066
696.042 832.236 0.412 565.920 1436.694
0.999 14.704
4/20/2016 1:45:00 AM 648900.000 20.213 16.431 46.071
696.047 832.255 0.412 565.933 1436.685
0.999 14.703
4/20/2016 2:00:00 AM 649800.000 20.217 16.432 46.081
696.082 832.288 0.412 565.956 1436.612
0.999 14.697
4/20/2016 2:15:00 AM 650700.000 20.202 16.432 46.046
695.856 832.013 0.411 565.769 1437.080
0.999 14.706
4/20/2016 2:30:00 AM 651600.000 20.202 16.432 46.046
695.711 831.841 0.411 565.652 1437.379
0.999 14.707
4/20/2016 2:45:00 AM 652500.000 20.206 16.433 46.055
695.924 832.078 0.412 565.813 1436.938
0.999 14.707
4/20/2016 3:00:00 AM 653400.000 20.208 16.433 46.061
695.710 831.825 0.411 565.641 1437.381
0.999 14.704
4/20/2016 3:15:00 AM 654300.000 20.207 16.433 46.058
696.279 832.505 0.412 566.104 1436.206
0.999 14.703
4/20/2016 3:30:00 AM 655200.000 20.210 16.433 46.064
696.042 832.215 0.412 565.906 1436.696
0.999 14.701
4/20/2016 3:45:00 AM 656100.000 20.221 16.434 46.090
696.202 832.387 0.412 566.023 1436.364
0.999 14.694
4/20/2016 4:00:00 AM 657000.000 20.212 16.434 46.069
695.741 831.838 0.411 565.650 1437.317
0.999 14.699
4/20/2016 4:15:00 AM 657900.000 20.208 16.434 46.061
695.852 831.969 0.411 565.739 1437.086
0.999 14.703
4/20/2016 4:30:00 AM 658800.000 20.215 16.434 46.075
696.333 832.545 0.412 566.130 1436.095
0.999 14.700
4/20/2016 4:45:00 AM 659700.000 20.209 16.435 46.062
696.010 832.149 0.412 565.861 1436.760
0.999 14.700

4/20/2016 5:00:00 AM	660600.000	20.209	16.435	46.062	
696.178	832.343	0.412	565.993	1436.414	
0.999	14.700				
4/20/2016 5:15:00 AM	661500.000	20.207	16.436	46.057	
695.889	831.986	0.411	565.751	1437.010	
0.999	14.702				
4/20/2016 5:30:00 AM	662400.000	20.199	16.435	46.041	
695.918	832.022	0.411	565.775	1436.952	
0.999	14.707				
4/20/2016 5:45:00 AM	663300.000	20.212	16.435	46.070	
696.346	832.537	0.412	566.125	1436.067	
0.999	14.697				
4/20/2016 6:00:00 AM	664200.000	20.214	16.436	46.074	
696.329	832.500	0.412	566.100	1436.103	
0.999	14.698				
4/20/2016 6:15:00 AM	665100.000	20.211	16.436	46.066	
696.284	832.447	0.412	566.064	1436.195	
0.999	14.699				
4/20/2016 6:30:00 AM	666000.000	20.213	16.436	46.071	
695.658	831.694	0.411	565.552	1437.489	
0.999	14.700				
4/20/2016 6:45:00 AM	666900.000	20.205	16.436	46.053	
695.715	831.772	0.411	565.605	1437.371	
0.999	14.707				
4/20/2016 7:00:00 AM	667800.000	20.209	16.436	46.062	
695.896	831.980	0.411	565.746	1436.995	
0.999	14.704				
4/20/2016 7:15:00 AM	668700.000	20.203	16.437	46.048	
696.163	832.287	0.412	565.955	1436.445	
0.999	14.706				
4/20/2016 7:30:00 AM	669600.000	20.217	16.437	46.080	
696.153	832.269	0.412	565.943	1436.467	
0.999	14.700				
4/20/2016 7:45:00 AM	670500.000	20.208	16.438	46.061	
695.694	831.710	0.411	565.563	1437.413	
0.999	14.706				
4/20/2016 8:00:00 AM	671400.000	20.209	16.438	46.062	
695.708	831.718	0.411	565.568	1437.384	
0.999	14.707				
4/20/2016 8:15:00 AM	672300.000	20.201	16.439	46.044	
695.715	831.716	0.411	565.567	1437.370	
0.999	14.711				
4/20/2016 8:30:00 AM	673200.000	20.205	16.438	46.053	
696.092	832.187	0.412	565.887	1436.591	
0.999	14.710				
4/20/2016 8:45:00 AM	674100.000	20.212	16.439	46.069	
695.859	831.889	0.411	565.684	1437.072	
0.999	14.708				
4/20/2016 9:00:00 AM	675000.000	20.207	16.438	46.058	
695.715	831.730	0.411	565.576	1437.370	
0.999	14.709				
4/20/2016 9:15:00 AM	675900.000	20.204	16.438	46.051	
695.854	831.894	0.411	565.688	1437.083	
0.999	14.713				
4/20/2016 9:30:00 AM	676800.000	20.207	16.439	46.057	
696.113	832.188	0.412	565.888	1436.549	

0.999 14.713
4/20/2016 9:45:00 AM 677700.000 20.194 16.439 46.028
695.947 831.998 0.411 565.759 1436.892
0.999 14.722
4/20/2016 10:00:00 AM 678600.000 20.205 16.439 46.053
695.739 831.748 0.411 565.589 1437.321
0.999 14.715
4/20/2016 10:15:00 AM 679500.000 20.204 16.439 46.052
695.695 831.694 0.411 565.552 1437.411
0.999 14.714
4/20/2016 10:30:00 AM 680400.000 20.206 16.439 46.055
695.640 831.618 0.411 565.500 1437.525
0.999 14.710
4/20/2016 10:45:00 AM 681300.000 20.197 16.439 46.036
695.647 831.638 0.411 565.514 1437.510
0.999 14.719
4/20/2016 11:00:00 AM 682200.000 20.200 16.439 46.042
695.946 831.992 0.411 565.754 1436.894
0.999 14.720
4/20/2016 11:15:00 AM 683100.000 20.200 16.440 46.042
695.751 831.745 0.411 565.587 1437.296
0.999 14.723
4/20/2016 11:30:00 AM 684000.000 20.208 16.440 46.059
695.895 831.916 0.411 565.703 1436.999
0.999 14.715
4/20/2016 11:45:00 AM 684900.000 20.205 16.439 46.054
695.475 831.419 0.411 565.365 1437.866
0.999 14.713
4/20/2016 12:00:00 PM 685800.000 20.199 16.440 46.040
695.556 831.510 0.411 565.427 1437.699
0.999 14.720
4/20/2016 12:15:00 PM 686700.000 20.202 16.439 46.046
695.195 831.082 0.411 565.136 1438.446
0.999 14.717
4/20/2016 12:30:00 PM 687600.000 20.198 16.440 46.037
695.382 831.295 0.411 565.281 1438.058
0.999 14.718
4/20/2016 12:45:00 PM 688500.000 20.204 16.440 46.052
695.348 831.252 0.411 565.251 1438.130
0.999 14.715
4/20/2016 1:00:00 PM 689400.000 20.207 16.440 46.057
695.717 831.697 0.411 565.554 1437.366
0.999 14.717
4/20/2016 1:15:00 PM 690300.000 20.202 16.440 46.046
695.531 831.481 0.411 565.407 1437.750
0.999 14.719
4/20/2016 1:30:00 PM 691200.000 20.199 16.440 46.040
695.026 830.861 0.411 564.985 1438.795
0.999 14.720
4/20/2016 1:45:00 PM 692100.000 20.201 16.440 46.045
695.503 831.442 0.411 565.381 1437.808
0.999 14.717
4/20/2016 2:00:00 PM 693000.000 20.202 16.440 46.047
695.034 830.880 0.411 564.998 1438.779
0.999 14.712
4/20/2016 2:15:00 PM 693900.000 20.200 16.440 46.041

694.975 830.806 0.411 564.948 1438.902
0.999 14.715
4/20/2016 2:30:00 PM 694800.000 20.204 16.440 46.052
695.013 830.856 0.411 564.982 1438.821
0.999 14.714
4/20/2016 2:45:00 PM 695700.000 20.211 16.440 46.067
694.999 830.835 0.411 564.968 1438.850
0.999 14.705
4/20/2016 3:00:00 PM 696600.000 20.205 16.440 46.053
695.416 831.328 0.411 565.303 1437.989
0.999 14.711
4/20/2016 3:15:00 PM 697500.000 20.203 16.440 46.049
695.240 831.125 0.411 565.165 1438.352
0.999 14.715
4/20/2016 3:30:00 PM 698400.000 20.204 16.440 46.051
695.040 830.877 0.411 564.996 1438.766
0.999 14.710
4/20/2016 3:45:00 PM 699300.000 20.205 16.441 46.054
695.398 831.302 0.411 565.286 1438.024
0.999 14.706
4/20/2016 4:00:00 PM 700200.000 20.206 16.441 46.056
694.918 830.723 0.411 564.892 1439.019
0.999 14.706
4/20/2016 4:15:00 PM 701100.000 20.203 16.441 46.050
694.931 830.737 0.411 564.901 1438.992
0.999 14.709
4/20/2016 4:30:00 PM 702000.000 20.201 16.441 46.045
695.045 830.867 0.411 564.990 1438.755
0.999 14.705
4/20/2016 4:45:00 PM 702900.000 20.203 16.442 46.048
695.275 831.133 0.411 565.171 1438.280
0.999 14.706
4/20/2016 5:00:00 PM 703800.000 20.205 16.441 46.053
695.113 830.946 0.411 565.043 1438.616
0.999 14.703
4/20/2016 5:15:00 PM 704700.000 20.199 16.442 46.040
695.182 831.024 0.411 565.097 1438.471
0.999 14.706
4/20/2016 5:30:00 PM 705600.000 20.212 16.442 46.069
694.688 830.426 0.411 564.690 1439.496
0.999 14.696
4/20/2016 5:45:00 PM 706500.000 20.208 16.442 46.060
694.846 830.608 0.411 564.814 1439.168
0.999 14.699
4/20/2016 6:00:00 PM 707400.000 20.202 16.443 46.047
694.985 830.771 0.411 564.925 1438.881
0.999 14.704
4/20/2016 6:15:00 PM 708300.000 20.202 16.442 46.047
694.934 830.724 0.411 564.892 1438.986
0.999 14.703
4/20/2016 6:30:00 PM 709200.000 20.203 16.442 46.050
695.028 830.826 0.411 564.962 1438.791
0.999 14.702
4/20/2016 6:45:00 PM 710100.000 20.202 16.443 46.046
694.791 830.541 0.411 564.768 1439.282
0.999 14.701

4/20/2016 7:00:00 PM	711000.000	20.204	16.443	46.050	694.947	830.719	0.411	564.889	1438.959	0.999	14.701
4/20/2016 7:15:00 PM	711900.000	20.198	16.442	46.037	695.032	830.838	0.411	564.970	1438.783	0.999	14.706
4/20/2016 7:30:00 PM	712800.000	20.196	16.442	46.033	694.675	830.411	0.411	564.680	1439.521	0.999	14.699
4/20/2016 7:45:00 PM	713700.000	20.201	16.442	46.044	694.983	830.774	0.411	564.927	1438.884	0.999	14.705
4/20/2016 8:00:00 PM	714600.000	20.201	16.442	46.044	694.536	830.241	0.411	564.564	1439.811	0.999	14.697
4/20/2016 8:15:00 PM	715500.000	20.204	16.443	46.050	694.567	830.272	0.411	564.585	1439.746	0.999	14.699
4/20/2016 8:30:00 PM	716400.000	20.199	16.442	46.040	695.093	830.904	0.411	565.015	1438.656	0.999	14.700
4/20/2016 8:45:00 PM	717300.000	20.200	16.442	46.043	694.655	830.393	0.411	564.668	1439.564	0.999	14.703
4/20/2016 9:00:00 PM	718200.000	20.185	16.443	46.009	694.686	830.416	0.411	564.683	1439.499	0.999	14.714
4/20/2016 9:15:00 PM	719100.000	20.204	16.442	46.051	694.985	830.778	0.411	564.929	1438.881	0.999	14.708
4/20/2016 9:30:00 PM	720000.000	20.195	16.442	46.031	694.773	830.530	0.411	564.760	1439.319	0.999	14.711
4/20/2016 9:45:00 PM	720900.000	20.202	16.442	46.046	694.583	830.308	0.411	564.609	1439.713	0.999	14.708
4/20/2016 10:00:00 PM	721800.000	20.203	16.442	46.049	694.733	830.476	0.411	564.724	1439.401	0.999	14.709
4/20/2016 10:15:00 PM	722700.000	20.189	16.442	46.018	694.546	830.253	0.411	564.572	1439.789	0.999	14.715
4/20/2016 10:30:00 PM	723600.000	20.203	16.442	46.049	694.747	830.496	0.411	564.737	1439.372	0.999	14.713
4/20/2016 10:45:00 PM	724500.000	20.199	16.442	46.040	694.548	830.259	0.411	564.576	1439.785	0.999	14.711
4/20/2016 11:00:00 PM	725400.000	20.199	16.442	46.041	694.672	830.414	0.411	564.682	1439.528	0.999	14.710
4/20/2016 11:15:00 PM	726300.000	20.198	16.442	46.037	694.670	830.409	0.411	564.678	1439.531	0.999	14.710
4/20/2016 11:30:00 PM	727200.000	20.191	16.442	46.022	694.596	830.318	0.411	564.616	1439.687		

0.999 14.708
4/20/2016 11:45:00 PM 728100.000 20.204 16.442 46.052
694.718 830.464 0.411 564.716 1439.433
0.999 14.703

Report Date: 4/22/2016 8:22:32 AM
Report User Name: KMakar
Report Computer Name: WKST46
Application: WinSitu.exe
Application Version: 5.6.25.0

Log File Properties:
File Name: MPWSP MW-9D LT Test_2016-04-21_13-52-19-492-BaroMerge.wsl
Create Date: 4/22/2016 8:12:46 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
4/22/2016 8:12:46 AM	User Note: "Pressure & Level adjusted by baro data from: "MPWSP BaroTroll Pre Test_Append_2016-04-21_18-56-38-301.wsl""

Log Data:
Record Count: 866
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	Sensor: PCTD(A) 658.7ft	Sensor: PCTD(A) 658.7ft	Sensor: PCTD(A) 658.7ft	Sensor: PCTD(A) 658.7ft	Sensor: PCTD(A) 658.7ft	Sensor: PCTD(A) 658.7ft	Sensor: PCTD(A) 658.7ft	Sensor: Baro-Adj Calc
		SN#: 437458	SN#: 437458	SN#: 437458	SN#: 437458	SN#: 437458	SN#: 437458	SN#: 437458	SN#: 437458	SN#: 437458	SN#: 437458	SN#: 437458	SN#: 437458	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 (ppm)	Resistivity (ohm-cm)	Water Density (g/cm3)	Barometric Pressure (PSI)			
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4/14/2016 12:00:00 AM	124200.000	152.840	21.121	352.903	643.412	694.900	0.342	472.532	1554.215	0.998	14.791
4/14/2016 12:15:00 AM	125100.000	152.843	21.127	352.911	643.589	695.004	0.342	472.603	1553.786	0.998	14.795
4/14/2016 12:30:00 AM	126000.000	152.851	21.119	352.929	643.817	695.357	0.342	472.843	1553.236	0.998	14.793
4/14/2016 12:45:00 AM	126900.000	152.854	21.114	352.936	644.113	695.757	0.343	473.115	1552.522	0.998	14.791
4/14/2016 1:00:00 AM	127800.000	152.858	21.119	352.944	643.337	694.841	0.342	472.492	1554.396	0.998	14.794
4/14/2016 1:15:00 AM	128700.000	152.856	21.116	352.939	643.756	695.342	0.342	472.833	1553.384	0.998	14.803
4/14/2016 1:30:00 AM	129600.000	152.859	21.114	352.947	643.666	695.270	0.342	472.784	1553.601	0.998	14.799
4/14/2016 1:45:00 AM	130500.000	152.863	21.112	352.956	643.786	695.436	0.342	472.896	1553.311	0.998	14.796
4/14/2016 2:00:00 AM	131400.000	152.869	21.111	352.970	643.800	695.461	0.342	472.913	1553.278	0.998	14.802
4/14/2016 2:15:00 AM	132300.000	152.863	21.113	352.957	643.831	695.461	0.342	472.913	1553.203	0.998	14.792
4/14/2016 2:30:00 AM	133200.000	152.876	21.110	352.986	643.930	695.620	0.343	473.022	1552.965	0.998	14.790
4/14/2016 2:45:00 AM	134100.000	152.873	21.107	352.980	644.066	695.809	0.343	473.150	1552.636	0.998	14.787
4/14/2016 3:00:00 AM	135000.000	152.873	21.117	352.978	644.532	696.168	0.343	473.394	1551.513	0.998	14.786
4/14/2016 3:15:00 AM	135900.000	152.879	21.116	352.992	645.082	696.776	0.343	473.808	1550.190	0.998	14.785
4/14/2016 3:30:00 AM	136800.000	152.878	21.125	352.990	645.587	697.191	0.343	474.090	1548.977	0.998	14.781
4/14/2016 3:45:00 AM	137700.000	152.879	21.109	352.993	645.464	697.280	0.343	474.150	1549.274	0.998	14.782
4/14/2016 4:00:00 AM	138600.000	152.893	21.113	353.024	645.611	697.390	0.343	474.225	1548.920	0.998	14.777
4/14/2016 4:15:00 AM	139500.000	152.899	21.111	353.040	645.598	697.395	0.343	474.228	1548.951	0.998	14.774
4/14/2016 4:30:00 AM	140400.000	152.899	21.123	353.039							

645.986	697.648	0.344	474.400	1548.021	
0.998	14.772				
4/14/2016 4:45:00 AM	141300.000	152.911	21.114	353.068	
645.819	697.600	0.344	474.368	1548.421	
0.998	14.767				
4/14/2016 5:00:00 AM	142200.000	152.897	21.118	353.034	
645.705	697.418	0.343	474.244	1548.695	
0.998	14.766				
4/14/2016 5:15:00 AM	143100.000	152.906	21.130	353.056	
645.805	697.352	0.343	474.199	1548.454	
0.998	14.765				
4/14/2016 5:30:00 AM	144000.000	152.918	21.130	353.082	
645.663	697.197	0.343	474.094	1548.795	
0.998	14.773				
4/14/2016 5:45:00 AM	144900.000	152.922	21.119	353.092	
644.345	695.934	0.343	473.235	1551.964	
0.998	14.764				
4/14/2016 6:00:00 AM	145800.000	152.917	21.115	353.081	
643.646	695.229	0.342	472.756	1553.649	
0.998	14.769				
4/14/2016 6:15:00 AM	146700.000	152.911	21.116	353.067	
642.465	693.938	0.342	471.878	1556.506	
0.998	14.770				
4/14/2016 6:30:00 AM	147600.000	152.928	21.124	353.107	
643.183	694.612	0.342	472.336	1554.767	
0.998	14.766				
4/14/2016 6:45:00 AM	148500.000	152.909	21.129	353.062	
643.380	694.751	0.342	472.431	1554.292	
0.998	14.784				
4/14/2016 7:00:00 AM	149400.000	152.916	21.119	353.078	
643.909	695.465	0.342	472.916	1553.015	
0.998	14.783				
4/14/2016 7:15:00 AM	150300.000	152.924	21.124	353.096	
644.142	695.642	0.343	473.037	1552.453	
0.998	14.780				
4/14/2016 7:30:00 AM	151200.000	152.909	21.126	353.063	
643.874	695.321	0.342	472.818	1553.098	
0.998	14.793				
4/14/2016 7:45:00 AM	152100.000	152.925	21.132	353.100	
643.825	695.185	0.342	472.726	1553.218	
0.998	14.788				
4/14/2016 8:00:00 AM	153000.000	152.925	21.128	353.098	
643.566	694.965	0.342	472.576	1553.843	
0.998	14.793				
4/14/2016 8:15:00 AM	153900.000	152.914	21.126	353.074	
643.293	694.698	0.342	472.394	1554.502	
0.998	14.803				
4/14/2016 8:30:00 AM	154800.000	152.921	21.130	353.090	
642.797	694.105	0.342	471.991	1555.701	
0.998	14.801				
4/14/2016 8:45:00 AM	155700.000	152.923	21.123	353.095	
642.467	693.854	0.342	471.820	1556.500	
0.998	14.807				
4/14/2016 9:00:00 AM	156600.000	152.924	21.110	353.096	
641.959	693.477	0.341	471.565	1557.732	
0.998	14.799				
4/14/2016 9:15:00 AM	157500.000	152.937	21.119	353.127	
642.348	693.769	0.342	471.763	1556.789	

0.998 14.802
4/14/2016 9:30:00 AM 158400.000 152.941 21.126 353.137
642.681 694.042 0.342 471.949 1555.982
0.998 14.804
4/14/2016 9:45:00 AM 159300.000 152.930 21.121 353.110
643.671 695.181 0.342 472.723 1553.590
0.998 14.804
4/14/2016 10:00:00 AM 160200.000 152.936 21.122 353.125
643.195 694.642 0.342 472.357 1554.739
0.998 14.808
4/14/2016 10:15:00 AM 161100.000 152.944 21.127 353.144
642.942 694.309 0.342 472.130 1555.350
0.998 14.803
4/14/2016 10:30:00 AM 162000.000 152.939 21.123 353.131
642.513 693.897 0.342 471.850 1556.388
0.998 14.803
4/14/2016 10:45:00 AM 162900.000 152.931 21.121 353.113
642.403 693.805 0.342 471.788 1556.656
0.998 14.809
4/14/2016 11:00:00 AM 163800.000 152.938 21.124 353.128
642.604 693.976 0.342 471.904 1556.169
0.998 14.810
4/14/2016 11:15:00 AM 164700.000 152.934 21.131 353.121
643.048 694.358 0.342 472.164 1555.094
0.998 14.810
4/14/2016 11:30:00 AM 165600.000 152.929 21.124 353.109
642.961 694.372 0.342 472.173 1555.304
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642.450 693.935 0.342 471.876 1556.541
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642.461 694.004 0.342 471.923 1556.515
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643.200 694.831 0.342 472.485 1554.728
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644.183 695.732 0.343 473.098 1552.353
0.998 14.804
4/14/2016 1:00:00 PM 171000.000 152.929 21.110 353.107
644.253 695.968 0.343 473.258 1552.186
0.998 14.813
4/14/2016 1:15:00 PM 171900.000 152.945 21.115 353.146
644.636 696.306 0.343 473.488 1551.264
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4/14/2016 1:30:00 PM 172800.000 152.923 21.121 353.094
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4/14/2016 1:45:00 PM 173700.000 152.925 21.129 353.100
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4/14/2016 2:00:00 PM 174600.000 152.936 21.121 353.124
644.370 695.924 0.343 473.228 1551.904

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0.998 14.794
4/14/2016 3:00:00 PM 178200.000 152.940 21.128 353.135
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4/14/2016 3:15:00 PM 179100.000 152.945 21.120 353.144
643.624 695.133 0.342 472.690 1553.703
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4/14/2016 3:30:00 PM 180000.000 152.939 21.117 353.132
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0.998 14.793
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4/14/2016 4:45:00 PM 184500.000 152.956 21.124 353.170
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4/14/2016 5:00:00 PM 185400.000 152.956 21.124 353.171
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0.998 14.777
4/14/2016 5:15:00 PM 186300.000 152.964 21.124 353.189
643.162 694.584 0.342 472.317 1554.818
0.998 14.781
4/14/2016 5:30:00 PM 187200.000 152.959 21.127 353.177
643.019 694.387 0.342 472.183 1555.164
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4/14/2016 5:45:00 PM 188100.000 152.962 21.112 353.184
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4/14/2016 6:00:00 PM 189000.000 152.959 21.124 353.177
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642.348 693.736 0.342 471.741 1556.789
0.998 14.786
4/14/2016 6:30:00 PM 190800.000 152.979 21.117 353.223
642.455 693.926 0.342 471.870 1556.528
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4/14/2016 6:45:00 PM 191700.000 152.976 21.111 353.217
642.561 694.125 0.342 472.005 1556.273
0.998 14.787

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4/14/2016 7:15:00 PM 193500.000 152.998 21.111 353.268
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4/14/2016 7:45:00 PM 195300.000 152.997 21.109 353.266
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4/14/2016 8:00:00 PM 196200.000 152.983 21.117 353.234
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4/14/2016 9:30:00 PM 201600.000 153.015 21.120 353.307
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4/14/2016 10:00:00 PM 203400.000 153.010 21.122 353.296
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4/14/2016 10:15:00 PM 204300.000 153.013 21.122 353.302
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4/14/2016 10:30:00 PM 205200.000 153.012 21.127 353.300
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4/14/2016 11:15:00 PM 207900.000 153.024 21.130 353.328
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642.542 693.867 0.342 471.830 1556.317
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4/15/2016 12:00:00 AM 210600.000 153.039 21.119 353.362
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4/15/2016 12:45:00 AM 213300.000 153.046 21.127 353.380
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0.998 14.781
4/15/2016 2:45:00 PM 263700.000 152.721 21.121 352.629
646.692 698.445 0.344 474.943 1546.331
0.998 14.777
4/15/2016 3:00:00 PM 264600.000 152.685 21.105 352.545
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4/15/2016 3:15:00 PM 265500.000 152.662 21.117 352.493
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0.998 14.767
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4/15/2016 5:00:00 PM 271800.000 152.691 21.111 352.560
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4/15/2016 6:30:00 PM 277200.000 152.668 21.114 352.505
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4/15/2016 6:45:00 PM 278100.000 152.650 21.110 352.465
646.696 698.596 0.344 475.045 1546.321

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647.232 699.066 0.344 475.365 1545.041
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0.998 14.763
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0.998 14.765
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0.998 14.773
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4/16/2016 1:30:00 AM 302400.000 152.769 21.122 352.740
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4/16/2016 2:15:00 AM 305100.000 152.785 21.129 352.776
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4/16/2016 2:30:00 AM 306000.000 152.778 21.130 352.761
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4/16/2016 2:45:00 AM 306900.000 152.756 21.118 352.708
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0.998 14.772
4/16/2016 3:00:00 AM 307800.000 152.797 21.121 352.803
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0.998 14.764
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0.998 14.765
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645.060 696.829 0.343 473.844 1550.243
0.998 14.762
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0.998 14.760

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4/16/2016 5:00:00 AM 315000.000 152.797 21.115 352.805
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4/16/2016 6:15:00 AM 319500.000 152.671 21.122 352.512
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4/16/2016 6:30:00 AM 320400.000 152.651 21.123 352.465
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0.998 14.768
4/16/2016 6:45:00 AM 321300.000 152.638 21.123 352.436
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4/16/2016 7:00:00 AM 322200.000 152.624 21.116 352.403
645.685 697.429 0.343 474.252 1548.744
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0.998 14.768
4/16/2016 7:30:00 AM 324000.000 152.586 21.118 352.316
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0.998 14.779
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4/16/2016 8:00:00 AM 325800.000 152.572 21.116 352.285
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4/16/2016 8:15:00 AM 326700.000 152.550 21.104 352.234
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4/16/2016 8:30:00 AM 327600.000 152.531 21.107 352.190
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4/16/2016 8:45:00 AM 328500.000 152.536 21.117 352.200
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647.271 699.203 0.344 475.458 1544.948
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0.998 14.765
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0.998 14.772
4/16/2016 10:00:00 AM 333000.000 152.531 21.122 352.190
647.273 699.058 0.344 475.359 1544.943
0.998 14.777
4/16/2016 10:15:00 AM 333900.000 152.543 21.127 352.216
647.336 699.044 0.344 475.350 1544.792
0.998 14.776
4/16/2016 10:30:00 AM 334800.000 152.572 21.129 352.284
647.298 698.980 0.344 475.306 1544.884
0.998 14.775
4/16/2016 10:45:00 AM 335700.000 152.593 21.115 352.334
646.425 698.243 0.344 474.805 1546.969
0.998 14.776
4/16/2016 11:00:00 AM 336600.000 152.612 21.118 352.377
646.787 698.583 0.344 475.037 1546.104
0.998 14.776
4/16/2016 11:15:00 AM 337500.000 152.636 21.118 352.431
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4/16/2016 11:30:00 AM 338400.000 152.643 21.123 352.449
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0.998 14.773
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4/16/2016 12:00:00 PM 340200.000 152.682 21.120 352.538
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4/16/2016 12:15:00 PM 341100.000 152.681 21.114 352.535
645.911 697.693 0.344 474.431 1548.200
0.998 14.773
4/16/2016 12:30:00 PM 342000.000 152.698 21.119 352.574
646.725 698.502 0.344 474.981 1546.253
0.998 14.771
4/16/2016 12:45:00 PM 342900.000 152.704 21.122 352.590
647.653 699.456 0.345 475.630 1544.037
0.998 14.769
4/16/2016 1:00:00 PM 343800.000 152.714 21.119 352.612
647.892 699.759 0.345 475.836 1543.468
0.998 14.766
4/16/2016 1:15:00 PM 344700.000 152.719 21.128 352.623
647.088 698.766 0.344 475.161 1545.385
0.998 14.769
4/16/2016 1:30:00 PM 345600.000 152.725 21.126 352.638
647.023 698.730 0.344 475.136 1545.540
0.998 14.769
4/16/2016 1:45:00 PM 346500.000 152.732 21.128 352.655
645.924 697.502 0.344 474.302 1548.170
0.998 14.772
4/16/2016 2:00:00 PM 347400.000 152.746 21.122 352.686

646.184	697.879	0.344	474.558	1547.546		
0.998	14.770					
4/16/2016 2:15:00 PM	348300.000	152.740	21.122	352.672		
644.833	696.410	0.343	473.559	1550.789		
0.998	14.773					
4/16/2016 2:30:00 PM	349200.000	152.735	21.125	352.661		
644.436	695.948	0.343	473.245	1551.745		
0.998	14.778					
4/16/2016 2:45:00 PM	350100.000	152.759	21.120	352.716		
644.739	696.338	0.343	473.510	1551.016		
0.998	14.767					
4/16/2016 3:00:00 PM	351000.000	152.749	21.126	352.692		
645.004	696.545	0.343	473.650	1550.377		
0.998	14.771					
4/16/2016 3:15:00 PM	351900.000	152.755	21.129	352.707		
645.288	696.802	0.343	473.825	1549.696		
0.998	14.778					
4/16/2016 3:30:00 PM	352800.000	152.757	21.128	352.712		
644.859	696.352	0.343	473.520	1550.727		
0.998	14.767					
4/16/2016 3:45:00 PM	353700.000	152.759	21.120	352.716		
643.849	695.383	0.342	472.860	1553.159		
0.998	14.765					
4/16/2016 4:00:00 PM	354600.000	152.757	21.128	352.711		
644.441	695.901	0.343	473.213	1551.732		
0.998	14.766					
4/16/2016 4:15:00 PM	355500.000	152.755	21.128	352.707		
644.129	695.575	0.343	472.991	1552.485		
0.998	14.761					
4/16/2016 4:30:00 PM	356400.000	152.768	21.124	352.736		
644.024	695.514	0.343	472.950	1552.736		
0.998	14.768					
4/16/2016 4:45:00 PM	357300.000	152.766	21.127	352.733		
643.947	695.392	0.342	472.867	1552.924		
0.998	14.759					
4/16/2016 5:00:00 PM	358200.000	152.775	21.120	352.753		
643.786	695.316	0.342	472.815	1553.312		
0.998	14.757					
4/16/2016 5:15:00 PM	359100.000	152.765	21.118	352.731		
643.485	695.014	0.342	472.610	1554.037		
0.998	14.760					
4/16/2016 5:30:00 PM	360000.000	152.771	21.123	352.745		
643.786	695.273	0.342	472.786	1553.310		
0.998	14.758					
4/16/2016 5:45:00 PM	360900.000	152.772	21.120	352.746		
643.239	694.717	0.342	472.408	1554.633		
0.998	14.760					
4/16/2016 6:00:00 PM	361800.000	152.773	21.117	352.747		
643.589	695.141	0.342	472.696	1553.786		
0.998	14.759					
4/16/2016 6:15:00 PM	362700.000	152.782	21.127	352.770		
643.975	695.417	0.342	472.884	1552.854		
0.998	14.755					
4/16/2016 6:30:00 PM	363600.000	152.773	21.129	352.749		
644.108	695.535	0.343	472.964	1552.536		
0.998	14.752					
4/16/2016 6:45:00 PM	364500.000	152.779	21.130	352.762		
644.067	695.474	0.343	472.922	1552.633		

0.998 14.757
4/16/2016 7:00:00 PM 365400.000 152.785 21.127 352.777
643.664 695.085 0.342 472.658 1553.605
0.998 14.755
4/16/2016 7:15:00 PM 366300.000 152.782 21.126 352.770
643.536 694.966 0.342 472.577 1553.913
0.998 14.760
4/16/2016 7:30:00 PM 367200.000 152.796 21.119 352.801
643.229 694.728 0.342 472.415 1554.655
0.998 14.755
4/16/2016 7:45:00 PM 368100.000 152.780 21.128 352.763
643.143 694.503 0.342 472.262 1554.864
0.998 14.754
4/16/2016 8:00:00 PM 369000.000 152.792 21.124 352.791
643.063 694.474 0.342 472.242 1555.056
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4/16/2016 8:15:00 PM 369900.000 152.796 21.126 352.800
643.131 694.526 0.342 472.277 1554.893
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4/16/2016 8:30:00 PM 370800.000 152.813 21.114 352.840
643.025 694.580 0.342 472.315 1555.149
0.998 14.755
4/16/2016 8:45:00 PM 371700.000 152.806 21.120 352.825
643.275 694.766 0.342 472.441 1554.546
0.998 14.754
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643.108 694.713 0.342 472.405 1554.948
0.998 14.756
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643.220 694.664 0.342 472.372 1554.678
0.998 14.760
4/16/2016 9:30:00 PM 374400.000 152.813 21.125 352.839
643.302 694.724 0.342 472.412 1554.480
0.998 14.762
4/16/2016 9:45:00 PM 375300.000 152.821 21.122 352.859
643.287 694.745 0.342 472.427 1554.516
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4/16/2016 10:00:00 PM 376200.000 152.818 21.122 352.853
643.288 694.753 0.342 472.432 1554.513
0.998 14.766
4/16/2016 10:15:00 PM 377100.000 152.823 21.127 352.863
643.257 694.643 0.342 472.357 1554.588
0.998 14.765
4/16/2016 10:30:00 PM 378000.000 152.831 21.116 352.883
643.196 694.740 0.342 472.423 1554.735
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4/16/2016 10:45:00 PM 378900.000 152.838 21.123 352.897
643.189 694.627 0.342 472.346 1554.753
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643.383 694.864 0.342 472.507 1554.285
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4/16/2016 11:15:00 PM 380700.000 152.835 21.131 352.892
643.641 695.001 0.342 472.601 1553.662
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4/16/2016 11:30:00 PM 381600.000 152.840 21.118 352.903
643.160 694.662 0.342 472.370 1554.823

0.998 14.755
4/16/2016 11:45:00 PM 382500.000 152.836 21.116 352.893
642.866 694.385 0.342 472.182 1555.533
0.998 14.763
4/17/2016 12:00:00 AM 383400.000 152.830 21.114 352.879
642.893 694.443 0.342 472.221 1555.469
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4/17/2016 12:15:00 AM 384300.000 152.836 21.122 352.894
643.698 695.196 0.342 472.734 1553.524
0.998 14.762
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643.724 695.301 0.342 472.804 1553.462
0.998 14.755
4/17/2016 12:45:00 AM 386100.000 152.851 21.132 352.928
643.983 695.359 0.342 472.844 1552.837
0.998 14.751
4/17/2016 1:00:00 AM 387000.000 152.816 21.131 352.847
644.374 695.785 0.343 473.134 1551.893
0.998 14.757
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644.011 695.392 0.342 472.867 1552.768
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643.568 694.986 0.342 472.591 1553.837
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4/17/2016 1:45:00 AM 389700.000 152.861 21.120 352.952
643.150 694.634 0.342 472.351 1554.847
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642.023 693.358 0.341 471.483 1557.577
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641.565 692.914 0.341 471.182 1558.689
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642.389 693.875 0.342 471.835 1556.690
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642.251 693.618 0.342 471.661 1557.024
0.998 14.748
4/17/2016 3:00:00 AM 394200.000 152.862 21.119 352.953
642.324 693.756 0.342 471.754 1556.846
0.998 14.746
4/17/2016 3:15:00 AM 395100.000 152.865 21.124 352.961
642.436 693.801 0.342 471.785 1556.575
0.998 14.748
4/17/2016 3:30:00 AM 396000.000 152.865 21.126 352.961
641.055 692.278 0.341 470.749 1559.929
0.998 14.745
4/17/2016 3:45:00 AM 396900.000 152.878 21.124 352.990
641.333 692.614 0.341 470.977 1559.252
0.998 14.745
4/17/2016 4:00:00 AM 397800.000 152.870 21.127 352.972
641.709 692.971 0.341 471.220 1558.339
0.998 14.736
4/17/2016 4:15:00 AM 398700.000 152.873 21.122 352.979
641.887 693.241 0.341 471.404 1557.906
0.998 14.739

4/17/2016 4:30:00 AM	399600.000	152.873	21.125	352.980	
642.302	693.638	0.342	471.674	1556.900	
0.998	14.742				
4/17/2016 4:45:00 AM	400500.000	152.873	21.125	352.980	
642.215	693.543	0.342	471.609	1557.110	
0.998	14.737				
4/17/2016 5:00:00 AM	401400.000	152.870	21.127	352.972	
641.730	692.996	0.341	471.238	1558.287	
0.998	14.740				
4/17/2016 5:15:00 AM	402300.000	152.872	21.116	352.976	
641.505	692.903	0.341	471.174	1558.834	
0.998	14.738				
4/17/2016 5:30:00 AM	403200.000	152.872	21.116	352.977	
641.259	692.636	0.341	470.993	1559.432	
0.998	14.738				
4/17/2016 5:45:00 AM	404100.000	152.878	21.125	352.991	
641.573	692.847	0.341	471.136	1558.669	
0.998	14.734				
4/17/2016 6:00:00 AM	405000.000	152.898	21.124	353.037	
641.565	692.860	0.341	471.145	1558.687	
0.998	14.729				
4/17/2016 6:15:00 AM	405900.000	152.882	21.114	352.999	
640.826	692.210	0.341	470.703	1560.485	
0.998	14.733				
4/17/2016 6:30:00 AM	406800.000	152.882	21.119	353.000	
641.419	692.768	0.341	471.082	1559.043	
0.998	14.733				
4/17/2016 6:45:00 AM	407700.000	152.880	21.122	352.995	
641.655	692.986	0.341	471.231	1558.471	
0.998	14.738				
4/17/2016 7:00:00 AM	408600.000	152.893	21.125	353.025	
642.065	693.388	0.341	471.504	1557.475	
0.998	14.733				
4/17/2016 7:15:00 AM	409500.000	152.887	21.118	353.012	
642.093	693.514	0.342	471.589	1557.406	
0.998	14.734				
4/17/2016 7:30:00 AM	410400.000	152.885	21.129	353.007	
642.051	693.311	0.341	471.452	1557.510	
0.998	14.734				
4/17/2016 7:45:00 AM	411300.000	152.891	21.126	353.021	
641.753	693.034	0.341	471.263	1558.232	
0.998	14.740				
4/17/2016 8:00:00 AM	412200.000	152.906	21.128	353.056	
641.830	693.092	0.341	471.303	1558.044	
0.998	14.730				
4/17/2016 8:15:00 AM	413100.000	152.893	21.127	353.024	
642.428	693.742	0.342	471.745	1556.595	
0.998	14.735				
4/17/2016 8:30:00 AM	414000.000	152.899	21.119	353.039	
642.174	693.582	0.342	471.636	1557.209	
0.998	14.738				
4/17/2016 8:45:00 AM	414900.000	152.897	21.127	353.034	
642.446	693.766	0.342	471.761	1556.552	
0.998	14.738				
4/17/2016 9:00:00 AM	415800.000	152.893	21.120	353.026	
641.800	693.164	0.341	471.352	1558.118	
0.998	14.738				

4/17/2016 9:15:00 AM 416700.000 152.891 21.125 353.021
642.172 693.505 0.341 471.584 1557.214
0.998 14.732
4/17/2016 9:30:00 AM 417600.000 152.888 21.123 353.014
641.997 693.338 0.341 471.470 1557.640
0.998 14.727
4/17/2016 9:45:00 AM 418500.000 152.888 21.124 353.013
641.303 692.579 0.341 470.954 1559.326
0.998 14.731
4/17/2016 10:00:00 AM 419400.000 152.875 21.123 352.983
640.884 692.141 0.341 470.656 1560.345
0.998 14.727
4/17/2016 10:15:00 AM 420300.000 152.841 21.115 352.906
641.467 692.883 0.341 471.161 1558.927
0.998 14.732
4/17/2016 10:30:00 AM 421200.000 152.795 21.118 352.799
641.694 693.086 0.341 471.298 1558.376
0.998 14.735
4/17/2016 10:45:00 AM 422100.000 152.778 21.122 352.759
642.208 693.584 0.342 471.637 1557.128
0.998 14.724
4/17/2016 11:00:00 AM 423000.000 152.746 21.114 352.685
642.515 694.025 0.342 471.937 1556.383
0.998 14.729
4/17/2016 11:15:00 AM 423900.000 152.671 21.115 352.512
642.508 694.001 0.342 471.921 1556.402
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4/17/2016 11:30:00 AM 424800.000 152.677 21.117 352.527
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4/17/2016 11:45:00 AM 425700.000 152.655 21.123 352.476
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4/17/2016 12:00:00 PM 426600.000 152.623 21.115 352.401
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4/17/2016 12:15:00 PM 427500.000 152.619 21.108 352.392
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4/17/2016 12:45:00 PM 429300.000 152.575 21.122 352.292
643.946 695.460 0.342 472.913 1552.924
0.998 14.735
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0.998 14.731
4/17/2016 1:15:00 PM 431100.000 152.603 21.112 352.356
643.741 695.373 0.342 472.854 1553.421
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4/17/2016 1:30:00 PM 432000.000 152.619 21.118 352.393
644.713 696.343 0.343 473.513 1551.078
0.998 14.726
4/17/2016 1:45:00 PM 432900.000 152.628 21.108 352.414
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0.998 14.731
4/17/2016 2:00:00 PM 433800.000 152.642 21.111 352.446

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4/17/2016 3:00:00 PM 437400.000 152.685 21.129 352.546
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646.856 698.650 0.344 475.082 1545.939
0.998 14.740
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4/17/2016 5:30:00 PM 446400.000 152.774 21.117 352.750
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4/17/2016 6:15:00 PM 449100.000 152.788 21.124 352.783
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4/17/2016 6:30:00 PM 450000.000 152.782 21.125 352.770
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4/17/2016 9:00:00 PM 459000.000 152.854 21.110 352.936
642.567 694.146 0.342 472.019 1556.257
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4/17/2016 9:15:00 PM 459900.000 152.862 21.114 352.954
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642.054 693.565 0.342 471.624 1557.501
0.998 14.700
4/20/2016 5:15:00 AM 661500.000 152.465 21.126 352.038
642.682 694.030 0.342 471.940 1555.981
0.998 14.702
4/20/2016 5:30:00 AM 662400.000 152.465 21.116 352.037
643.186 694.729 0.342 472.416 1554.760
0.998 14.707
4/20/2016 5:45:00 AM 663300.000 152.469 21.122 352.045
642.481 693.873 0.342 471.834 1556.467
0.998 14.697
4/20/2016 6:00:00 AM 664200.000 152.470 21.122 352.047
642.482 693.872 0.342 471.833 1556.464
0.998 14.698
4/20/2016 6:15:00 AM 665100.000 152.479 21.124 352.069
641.507 692.801 0.341 471.105 1558.829
0.998 14.699
4/20/2016 6:30:00 AM 666000.000 152.475 21.129 352.060
642.074 693.339 0.341 471.470 1557.453
0.998 14.700
4/20/2016 6:45:00 AM 666900.000 152.481 21.114 352.075
641.509 692.940 0.341 471.199 1558.826
0.998 14.707
4/20/2016 7:00:00 AM 667800.000 152.477 21.120 352.066
640.719 692.003 0.341 470.562 1560.746
0.998 14.704
4/20/2016 7:15:00 AM 668700.000 152.475 21.129 352.061
641.045 692.229 0.341 470.715 1559.954
0.998 14.706
4/20/2016 7:30:00 AM 669600.000 152.483 21.123 352.079
640.521 691.750 0.341 470.390 1561.228
0.998 14.700
4/20/2016 7:45:00 AM 670500.000 152.444 21.121 351.989
640.434 691.686 0.341 470.347 1561.442
0.998 14.706
4/20/2016 8:00:00 AM 671400.000 152.480 21.127 352.072
640.503 691.673 0.341 470.338 1561.274
0.998 14.707
4/20/2016 8:15:00 AM 672300.000 152.483 21.123 352.078
639.849 691.012 0.340 469.888 1562.870
0.998 14.711
4/20/2016 8:30:00 AM 673200.000 152.492 21.129 352.100
640.065 691.168 0.340 469.994 1562.342
0.998 14.710
4/20/2016 8:45:00 AM 674100.000 152.486 21.123 352.086
639.818 690.981 0.340 469.867 1562.945
0.998 14.708
4/20/2016 9:00:00 AM 675000.000 152.500 21.129 352.119
640.415 691.540 0.340 470.247 1561.488

0.998 14.709
4/20/2016 9:15:00 AM 675900.000 152.487 21.122 352.087
640.237 691.450 0.340 470.186 1561.922
0.998 14.713
4/20/2016 9:30:00 AM 676800.000 152.477 21.114 352.065
639.436 690.700 0.340 469.676 1563.878
0.998 14.713
4/20/2016 9:45:00 AM 677700.000 152.468 21.113 352.045
640.024 691.352 0.340 470.119 1562.442
0.998 14.722
4/20/2016 10:00:00 AM 678600.000 152.471 21.115 352.051
640.340 691.669 0.341 470.335 1561.670
0.998 14.715
4/20/2016 10:15:00 AM 679500.000 152.453 21.124 352.009
640.983 692.227 0.341 470.715 1560.103
0.998 14.714
4/20/2016 10:30:00 AM 680400.000 152.456 21.123 352.017
640.927 692.190 0.341 470.689 1560.241
0.998 14.710
4/20/2016 10:45:00 AM 681300.000 152.436 21.124 351.971
640.605 691.816 0.341 470.435 1561.024
0.998 14.719
4/20/2016 11:00:00 AM 682200.000 152.423 21.116 351.939
640.245 691.551 0.341 470.254 1561.903
0.998 14.720
4/20/2016 11:15:00 AM 683100.000 152.401 21.120 351.889
640.701 691.979 0.341 470.545 1560.791
0.998 14.723
4/20/2016 11:30:00 AM 684000.000 152.393 21.115 351.870
640.867 692.227 0.341 470.715 1560.387
0.998 14.715
4/20/2016 11:45:00 AM 684900.000 152.368 21.111 351.814
640.911 692.344 0.341 470.794 1560.280
0.998 14.713
4/20/2016 12:00:00 PM 685800.000 152.352 21.114 351.776
641.407 692.835 0.341 471.128 1559.073
0.998 14.720
4/20/2016 12:15:00 PM 686700.000 152.340 21.122 351.749
642.044 693.408 0.341 471.517 1557.526
0.998 14.717
4/20/2016 12:30:00 PM 687600.000 152.319 21.105 351.700
641.730 693.307 0.341 471.449 1558.289
0.998 14.718
4/20/2016 12:45:00 PM 688500.000 152.316 21.110 351.694
642.036 693.570 0.342 471.627 1557.545
0.998 14.715
4/20/2016 1:00:00 PM 689400.000 152.286 21.106 351.624
642.334 693.946 0.342 471.883 1556.823
0.998 14.717
4/20/2016 1:15:00 PM 690300.000 152.271 21.118 351.590
642.873 694.359 0.342 472.164 1555.518
0.998 14.719
4/20/2016 1:30:00 PM 691200.000 152.269 21.102 351.584
643.615 695.384 0.342 472.861 1553.725
0.998 14.720
4/20/2016 1:45:00 PM 692100.000 152.241 21.112 351.521
644.317 695.998 0.343 473.279 1552.032

0.998 14.717
4/20/2016 2:00:00 PM 693000.000 152.244 21.120 351.526
644.301 695.876 0.343 473.195 1552.070
0.998 14.712
4/20/2016 2:15:00 PM 693900.000 152.233 21.112 351.502
644.333 696.014 0.343 473.289 1551.991
0.998 14.715
4/20/2016 2:30:00 PM 694800.000 152.238 21.108 351.514
644.039 695.755 0.343 473.114 1552.702
0.998 14.714
4/20/2016 2:45:00 PM 695700.000 152.244 21.102 351.527
643.867 695.659 0.343 473.048 1553.116
0.998 14.705
4/20/2016 3:00:00 PM 696600.000 152.184 21.112 351.388
643.865 695.511 0.343 472.948 1553.120
0.998 14.711
4/20/2016 3:15:00 PM 697500.000 152.234 21.119 351.504
644.078 695.640 0.343 473.035 1552.606
0.998 14.715
4/20/2016 3:30:00 PM 698400.000 152.225 21.126 351.483
644.057 695.514 0.343 472.949 1552.659
0.998 14.710
4/20/2016 3:45:00 PM 699300.000 152.233 21.125 351.502
643.947 695.420 0.342 472.886 1552.924
0.998 14.706
4/20/2016 4:00:00 PM 700200.000 152.239 21.122 351.515
643.773 695.275 0.342 472.787 1553.343
0.998 14.706
4/20/2016 4:15:00 PM 701100.000 152.209 21.123 351.446
643.687 695.164 0.342 472.711 1553.550
0.998 14.709
4/20/2016 4:30:00 PM 702000.000 152.220 21.121 351.472
643.435 694.914 0.342 472.541 1554.159
0.998 14.705
4/20/2016 4:45:00 PM 702900.000 152.201 21.113 351.428
642.340 693.848 0.342 471.816 1556.808
0.998 14.706
4/20/2016 5:00:00 PM 703800.000 152.201 21.112 351.427
642.603 694.152 0.342 472.023 1556.171
0.998 14.703
4/20/2016 5:15:00 PM 704700.000 152.185 21.111 351.390
643.320 694.936 0.342 472.557 1554.437
0.998 14.706
4/20/2016 5:30:00 PM 705600.000 152.169 21.124 351.354
644.635 696.176 0.343 473.400 1551.265
0.998 14.696
4/20/2016 5:45:00 PM 706500.000 152.161 21.116 351.334
644.813 696.482 0.343 473.608 1550.836
0.998 14.699
4/20/2016 6:00:00 PM 707400.000 152.130 21.114 351.263
644.205 695.860 0.343 473.185 1552.301
0.998 14.704
4/20/2016 6:15:00 PM 708300.000 152.108 21.117 351.213
644.249 695.857 0.343 473.183 1552.196
0.998 14.703
4/20/2016 6:30:00 PM 709200.000 152.101 21.119 351.196
644.053 695.622 0.343 473.023 1552.667
0.998 14.702

4/20/2016 6:45:00 PM 710100.000 152.094 21.108 351.180
643.632 695.324 0.342 472.821 1553.683
0.998 14.701
4/20/2016 7:00:00 PM 711000.000 152.062 21.111 351.108
643.704 695.358 0.342 472.843 1553.509
0.998 14.701
4/20/2016 7:15:00 PM 711900.000 152.046 21.115 351.070
643.913 695.526 0.343 472.958 1553.004
0.998 14.706
4/20/2016 7:30:00 PM 712800.000 152.036 21.119 351.047
644.207 695.785 0.343 473.134 1552.296
0.998 14.699
4/20/2016 7:45:00 PM 713700.000 152.013 21.112 350.994
644.077 695.741 0.343 473.104 1552.609
0.998 14.705
4/20/2016 8:00:00 PM 714600.000 152.017 21.115 351.003
644.315 695.956 0.343 473.250 1552.037
0.998 14.697
4/20/2016 8:15:00 PM 715500.000 151.984 21.118 350.927
644.586 696.210 0.343 473.423 1551.382
0.998 14.699
4/20/2016 8:30:00 PM 716400.000 151.960 21.119 350.870
644.539 696.149 0.343 473.381 1551.497
0.998 14.700
4/20/2016 8:45:00 PM 717300.000 151.963 21.116 350.878
644.051 695.660 0.343 473.049 1552.671
0.998 14.703
4/20/2016 9:00:00 PM 718200.000 151.922 21.115 350.782
644.419 696.070 0.343 473.328 1551.784
0.998 14.714
4/20/2016 9:15:00 PM 719100.000 151.908 21.102 350.750
644.059 695.867 0.343 473.189 1552.653
0.998 14.708
4/20/2016 9:30:00 PM 720000.000 151.898 21.110 350.728
644.674 696.422 0.343 473.567 1551.172
0.998 14.711
4/20/2016 9:45:00 PM 720900.000 151.887 21.112 350.702
645.160 696.920 0.343 473.906 1550.004
0.998 14.708
4/20/2016 10:00:00 PM 721800.000 151.864 21.118 350.648
645.622 697.322 0.343 474.179 1548.893
0.998 14.709
4/20/2016 10:15:00 PM 722700.000 151.847 21.117 350.610
645.931 697.677 0.344 474.420 1548.152
0.998 14.715
4/20/2016 10:30:00 PM 723600.000 151.845 21.109 350.606
645.245 697.050 0.343 473.994 1549.799
0.998 14.713
4/20/2016 10:45:00 PM 724500.000 151.836 21.109 350.586
645.994 697.862 0.344 474.546 1548.002
0.998 14.711
4/20/2016 11:00:00 PM 725400.000 151.826 21.101 350.561
646.172 698.171 0.344 474.756 1547.576
0.998 14.710
4/20/2016 11:15:00 PM 726300.000 151.770 21.108 350.431
647.267 699.254 0.344 475.493 1544.957
0.998 14.710

4/20/2016 11:30:00 PM 727200.000 151.812 21.117 350.529
648.354 700.295 0.345 476.201 1542.368
0.998 14.708
4/20/2016 11:45:00 PM 728100.000 151.816 21.110 350.538
647.080 699.022 0.344 475.335 1545.405
0.998 14.703

Report Date: 4/22/2016 8:18:22 AM
Report User Name: KMakar
Report Computer Name: WKST46
Application: WinSitu.exe
Application Version: 5.6.25.0

Log File Properties:
File Name: MPWSP MW-9M_2016-04-21_13-58-48-545.wsl
Create Date: 4/21/2016 1:55:57 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

Log Data:
Record Count: 866
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	Sensor: PCTD(G) 231ft	Sensor: PCTD(G) 231ft	Sensor: PCTD(G) 231ft	Sensor: PCTD(G) 231ft	Sensor: PCTD(G) 231ft	Sensor: PCTD(G) 231ft
	Elapsed Time	SN#: 410760	SN#: 410760	SN#: 410760	SN#: 410760	SN#: 410760	SN#: 410760	SN#: 410760	SN#: 410760	SN#: 410760
Date and Time	Seconds	Pressure (PSI)	Temperature (C)	Depth (ft)	Actual Conductivity (µS)	Specific Conductivity (µS)	Total Dissolved Solids (ppm)	Salinity (PSU)	Resistivity (ohm-cm)	Water Density (g/cm3)
4/14/2016 12:00:00 AM	124200.000	70.779	16.809	159.437	38196.781	45280.734	30790.900	29.458	26.180	1.021
4/14/2016 12:15:00 AM	125100.000	70.783	16.806	159.445	38196.043	45283.477	30792.766	29.460	26.181	1.021
4/14/2016 12:30:00 AM	126000.000	70.761	16.804	159.396	38176.391	45261.871	30778.074	29.444	26.194	1.021
4/14/2016 12:45:00 AM	126900.000	70.762	16.801	159.399	38153.383	45237.477	30761.486	29.426	26.210	1.021
4/14/2016 1:00:00 AM	127800.000	70.758	16.800	159.390	38191.961	45284.035	30793.146	29.460	26.184	1.021
4/14/2016 1:15:00 AM	128700.000	70.779	16.801	159.436	38174.969	45262.973	30778.824	29.445	26.195	1.021
4/14/2016 1:30:00 AM	129600.000	70.762	16.811	159.399	38211.750	45296.148	30801.383	29.469	26.170	1.021
4/14/2016 1:45:00 AM	130500.000	70.762	16.801	159.398	38195.730	45288.320	30796.061	29.463	26.181	1.021
4/14/2016 2:00:00 AM	131400.000	70.763	16.815	159.402	38208.340	45288.688	30796.311	29.464	26.172	1.021
4/14/2016 2:15:00 AM	132300.000	70.765	16.806	159.405						

38179.766	45263.809	30779.393	29.446	26.192
1.021				
4/14/2016 2:30:00 AM	133200.000	70.768	16.809	159.412
38198.652	45283.602	30792.850	29.460	26.179
1.021				
4/14/2016 2:45:00 AM	134100.000	70.769	16.811	159.414
38198.379	45280.660	30790.852	29.458	26.179
1.021				
4/14/2016 3:00:00 AM	135000.000	70.775	16.813	159.428
38197.074	45277.305	30788.570	29.456	26.180
1.021				
4/14/2016 3:15:00 AM	135900.000	70.788	16.809	159.456
38199.605	45284.734	30793.621	29.461	26.178
1.021				
4/14/2016 3:30:00 AM	136800.000	70.777	16.809	159.433
38200.090	45284.305	30793.330	29.461	26.178
1.021				
4/14/2016 3:45:00 AM	137700.000	70.773	16.812	159.423
38209.453	45293.340	30799.473	29.467	26.172
1.021				
4/14/2016 4:00:00 AM	138600.000	70.778	16.814	159.435
38221.090	45304.965	30807.379	29.476	26.164
1.021				
4/14/2016 4:15:00 AM	139500.000	70.781	16.820	159.441
38211.383	45287.250	30795.332	29.463	26.170
1.021				
4/14/2016 4:30:00 AM	140400.000	70.798	16.813	159.480
38206.980	45289.148	30796.623	29.464	26.173
1.021				
4/14/2016 4:45:00 AM	141300.000	70.791	16.798	159.464
38204.402	45301.031	30804.703	29.472	26.175
1.021				
4/14/2016 5:00:00 AM	142200.000	70.810	16.799	159.507
38208.938	45305.227	30807.557	29.475	26.172
1.021				
4/14/2016 5:15:00 AM	143100.000	70.809	16.808	159.505
38174.777	45256.191	30774.211	29.440	26.195
1.021				
4/14/2016 5:30:00 AM	144000.000	70.799	16.804	159.481
38199.461	45288.957	30796.492	29.464	26.178
1.021				
4/14/2016 5:45:00 AM	144900.000	70.813	16.802	159.513
38219.355	45314.801	30814.066	29.482	26.165
1.021				
4/14/2016 6:00:00 AM	145800.000	70.798	16.812	159.479
38201.813	45283.734	30792.939	29.461	26.177
1.021				
4/14/2016 6:15:00 AM	146700.000	70.807	16.805	159.499
38202.125	45291.398	30798.150	29.466	26.177
1.021				
4/14/2016 6:30:00 AM	147600.000	70.825	16.804	159.541
38190.070	45277.738	30788.863	29.456	26.185
1.021				
4/14/2016 6:45:00 AM	148500.000	70.824	16.808	159.538
38183.500	45266.531	30781.244	29.448	26.189
1.021				

4/14/2016 7:00:00 AM	149400.000	70.822	16.814	159.533
38199.031	45278.383	30789.303	29.457	26.179
1.021				
4/14/2016 7:15:00 AM	150300.000	70.827	16.808	159.545
38211.633	45299.164	30803.432	29.471	26.170
1.021				
4/14/2016 7:30:00 AM	151200.000	70.811	16.808	159.509
38196.500	45281.223	30791.232	29.458	26.180
1.021				
4/14/2016 7:45:00 AM	152100.000	70.810	16.817	159.506
38210.371	45288.664	30796.293	29.464	26.171
1.021				
4/14/2016 8:00:00 AM	153000.000	70.827	16.807	159.545
38201.832	45288.617	30796.262	29.464	26.177
1.021				
4/14/2016 8:15:00 AM	153900.000	70.811	16.814	159.509
38196.523	45275.590	30787.402	29.455	26.180
1.021				
4/14/2016 8:30:00 AM	154800.000	70.809	16.806	159.505
38176.086	45259.539	30776.488	29.443	26.194
1.021				
4/14/2016 8:45:00 AM	155700.000	70.820	16.808	159.529
38197.934	45283.188	30792.570	29.460	26.179
1.021				
4/14/2016 9:00:00 AM	156600.000	70.821	16.818	159.532
38205.039	45281.180	30791.205	29.459	26.175
1.021				
4/14/2016 9:15:00 AM	157500.000	70.805	16.806	159.496
38186.867	45272.320	30785.180	29.452	26.187
1.021				
4/14/2016 9:30:00 AM	158400.000	70.802	16.805	159.488
38174.793	45258.461	30775.756	29.442	26.195
1.021				
4/14/2016 9:45:00 AM	159300.000	70.802	16.804	159.489
38193.398	45282.035	30791.787	29.459	26.183
1.021				
4/14/2016 10:00:00 AM	160200.000	70.813	16.807	159.514
38192.699	45278.422	30789.330	29.456	26.183
1.021				
4/14/2016 10:15:00 AM	161100.000	70.795	16.809	159.472
38230.992	45321.383	30818.543	29.488	26.157
1.021				
4/14/2016 10:30:00 AM	162000.000	70.811	16.800	159.508
38187.090	45278.977	30789.707	29.456	26.187
1.021				
4/14/2016 10:45:00 AM	162900.000	70.794	16.806	159.471
38208.313	45297.832	30802.527	29.470	26.172
1.021				
4/14/2016 11:00:00 AM	163800.000	70.801	16.807	159.487
38182.813	45266.352	30781.121	29.448	26.190
1.021				
4/14/2016 11:15:00 AM	164700.000	70.794	16.815	159.471
38201.383	45279.980	30790.389	29.458	26.177
1.021				
4/14/2016 11:30:00 AM	165600.000	70.784	16.824	159.447
38189.465	45256.871	30774.674	29.442	26.185

1.021
4/14/2016 11:45:00 AM 166500.000 70.775 16.816 159.427
38215.754 45296.574 30801.672 29.470 26.167
1.021
4/14/2016 12:00:00 PM 167400.000 70.781 16.808 159.440
38189.711 45273.801 30786.186 29.453 26.185
1.021
4/14/2016 12:15:00 PM 168300.000 70.761 16.817 159.397
38207.043 45284.621 30793.545 29.461 26.173
1.021
4/14/2016 12:30:00 PM 169200.000 70.769 16.818 159.415
38218.641 45297.836 30802.531 29.471 26.165
1.021
4/14/2016 12:45:00 PM 170100.000 70.755 16.817 159.383
38195.566 45271.750 30784.791 29.452 26.181
1.021
4/14/2016 1:00:00 PM 171000.000 70.766 16.809 159.408
38188.074 45270.063 30783.645 29.450 26.186
1.021
4/14/2016 1:15:00 PM 171900.000 70.747 16.812 159.365
38195.375 45275.656 30787.449 29.455 26.181
1.021
4/14/2016 1:30:00 PM 172800.000 70.742 16.818 159.354
38173.922 45244.563 30766.305 29.433 26.196
1.021
4/14/2016 1:45:00 PM 173700.000 70.754 16.824 159.380
38192.723 45261.188 30777.609 29.445 26.183
1.021
4/14/2016 2:00:00 PM 174600.000 70.736 16.814 159.341
38203.297 45283.617 30792.859 29.461 26.176
1.021
4/14/2016 2:15:00 PM 175500.000 70.736 16.816 159.339
38193.977 45270.320 30783.818 29.451 26.182
1.021
4/14/2016 2:30:00 PM 176400.000 70.730 16.808 159.327
38180.598 45262.910 30778.779 29.445 26.191
1.021
4/14/2016 2:45:00 PM 177300.000 70.744 16.819 159.359
38213.309 45290.527 30797.561 29.466 26.169
1.021
4/14/2016 3:00:00 PM 178200.000 70.729 16.823 159.324
38212.055 45284.637 30793.555 29.462 26.170
1.021
4/14/2016 3:15:00 PM 179100.000 70.741 16.808 159.352
38188.688 45272.590 30785.361 29.452 26.186
1.021
4/14/2016 3:30:00 PM 180000.000 70.735 16.814 159.338
38201.320 45281.531 30791.443 29.459 26.177
1.021
4/14/2016 3:45:00 PM 180900.000 70.738 16.807 159.345
38190.582 45275.461 30787.314 29.454 26.184
1.021
4/14/2016 4:00:00 PM 181800.000 70.741 16.809 159.350
38186.824 45269.207 30783.063 29.450 26.187
1.021
4/14/2016 4:15:00 PM 182700.000 70.721 16.820 159.306

38193.625	45265.852	30780.781	29.448	26.182
1.021				
4/14/2016 4:30:00 PM	183600.000	70.723	16.816	159.311
38183.793	45258.070	30775.490	29.442	26.189
1.021				
4/14/2016 4:45:00 PM	184500.000	70.743	16.806	159.355
38189.305	45274.855	30786.904	29.454	26.185
1.021				
4/14/2016 5:00:00 PM	185400.000	70.725	16.819	159.314
38193.680	45266.457	30781.193	29.448	26.182
1.021				
4/14/2016 5:15:00 PM	186300.000	70.746	16.805	159.363
38177.426	45262.039	30778.189	29.444	26.193
1.021				
4/14/2016 5:30:00 PM	187200.000	70.743	16.827	159.355
38214.980	45283.965	30793.096	29.462	26.168
1.021				
4/14/2016 5:45:00 PM	188100.000	70.733	16.809	159.334
38182.656	45263.914	30779.463	29.446	26.190
1.021				
4/14/2016 6:00:00 PM	189000.000	70.731	16.805	159.329
38176.281	45260.492	30777.137	29.443	26.194
1.021				
4/14/2016 6:15:00 PM	189900.000	70.737	16.814	159.342
38193.316	45271.684	30784.748	29.452	26.183
1.021				
4/14/2016 6:30:00 PM	190800.000	70.740	16.813	159.349
38183.250	45260.754	30777.313	29.444	26.189
1.021				
4/14/2016 6:45:00 PM	191700.000	70.742	16.818	159.353
38210.766	45288.059	30795.883	29.464	26.171
1.021				
4/14/2016 7:00:00 PM	192600.000	70.742	16.814	159.353
38216.184	45298.523	30802.998	29.471	26.167
1.021				
4/14/2016 7:15:00 PM	193500.000	70.744	16.813	159.357
38198.684	45279.492	30790.057	29.457	26.179
1.021				
4/14/2016 7:30:00 PM	194400.000	70.748	16.820	159.366
38209.125	45284.570	30793.508	29.462	26.172
1.021				
4/14/2016 7:45:00 PM	195300.000	70.765	16.824	159.404
38186.023	45252.527	30771.721	29.439	26.188
1.021				
4/14/2016 8:00:00 PM	196200.000	70.751	16.814	159.374
38194.785	45273.527	30786.000	29.453	26.182
1.021				
4/14/2016 8:15:00 PM	197100.000	70.759	16.807	159.393
38203.816	45290.969	30797.861	29.465	26.175
1.021				
4/14/2016 8:30:00 PM	198000.000	70.754	16.819	159.380
38211.594	45287.781	30795.693	29.464	26.170
1.021				
4/14/2016 8:45:00 PM	198900.000	70.757	16.817	159.387
38206.875	45284.160	30793.230	29.461	26.173
1.021				

4/14/2016 9:00:00 PM	199800.000	70.762	16.821	159.399
38189.242	45259.492	30776.457	29.444	26.185
1.021				
4/14/2016 9:15:00 PM	200700.000	70.762	16.818	159.398
38213.285	45291.043	30797.910	29.466	26.169
1.021				
4/14/2016 9:30:00 PM	201600.000	70.781	16.814	159.441
38209.203	45290.973	30797.863	29.466	26.172
1.021				
4/14/2016 9:45:00 PM	202500.000	70.767	16.808	159.409
38218.105	45306.836	30808.648	29.477	26.166
1.021				
4/14/2016 10:00:00 PM	203400.000	70.766	16.807	159.407
38214.293	45303.840	30806.611	29.475	26.168
1.021				
4/14/2016 10:15:00 PM	204300.000	70.783	16.803	159.445
38180.027	45266.918	30781.506	29.448	26.192
1.021				
4/14/2016 10:30:00 PM	205200.000	70.767	16.810	159.410
38208.316	45293.699	30799.717	29.468	26.172
1.021				
4/14/2016 10:45:00 PM	206100.000	70.767	16.812	159.409
38216.285	45300.891	30804.607	29.473	26.167
1.021				
4/14/2016 11:00:00 PM	207000.000	70.786	16.813	159.452
38209.996	45292.902	30799.176	29.467	26.171
1.021				
4/14/2016 11:15:00 PM	207900.000	70.768	16.816	159.411
38182.148	45256.652	30774.525	29.441	26.190
1.021				
4/14/2016 11:30:00 PM	208800.000	70.771	16.815	159.418
38206.953	45287.141	30795.258	29.463	26.173
1.021				
4/14/2016 11:45:00 PM	209700.000	70.782	16.822	159.444
38195.391	45266.055	30780.920	29.448	26.181
1.021				
4/15/2016 12:00:00 AM	210600.000	70.770	16.811	159.416
38189.730	45270.770	30784.125	29.451	26.185
1.021				
4/15/2016 12:15:00 AM	211500.000	70.769	16.817	159.414
38179.441	45251.824	30771.242	29.438	26.192
1.021				
4/15/2016 12:30:00 AM	212400.000	70.766	16.816	159.407
38175.859	45249.195	30769.455	29.436	26.195
1.021				
4/15/2016 12:45:00 AM	213300.000	70.763	16.822	159.402
38208.516	45280.980	30791.066	29.459	26.172
1.021				
4/15/2016 1:00:00 AM	214200.000	70.759	16.805	159.393
38193.664	45281.633	30791.512	29.459	26.182
1.021				
4/15/2016 1:15:00 AM	215100.000	70.780	16.812	159.439
38204.207	45286.395	30794.750	29.462	26.175
1.021				
4/15/2016 1:30:00 AM	216000.000	70.764	16.811	159.402
38201.121	45284.082	30793.176	29.461	26.177

1.021
4/15/2016 1:45:00 AM 216900.000 70.782 16.815 159.444
38176.758 45251.348 30770.918 29.437 26.194
1.021
4/15/2016 2:00:00 AM 217800.000 70.765 16.812 159.404
38203.355 45285.746 30794.311 29.462 26.176
1.021
4/15/2016 2:15:00 AM 218700.000 70.765 16.804 159.405
38193.727 45282.348 30791.998 29.459 26.182
1.021
4/15/2016 2:30:00 AM 219600.000 70.765 16.806 159.404
38176.527 45259.973 30776.783 29.443 26.194
1.021
4/15/2016 2:45:00 AM 220500.000 70.786 16.801 159.453
38174.117 45261.883 30778.082 29.444 26.196
1.021
4/15/2016 3:00:00 AM 221400.000 70.765 16.807 159.404
38181.031 45263.957 30779.492 29.446 26.191
1.021
4/15/2016 3:15:00 AM 222300.000 70.768 16.799 159.411
38189.012 45281.602 30791.492 29.458 26.186
1.021
4/15/2016 3:30:00 AM 223200.000 70.767 16.811 159.410
38205.258 45288.641 30796.275 29.464 26.174
1.021
4/15/2016 3:45:00 AM 224100.000 70.766 16.824 159.407
38210.336 45281.793 30791.621 29.460 26.171
1.021
4/15/2016 4:00:00 AM 225000.000 70.783 16.816 159.446
38193.332 45270.000 30783.602 29.451 26.183
1.021
4/15/2016 4:15:00 AM 225900.000 70.785 16.807 159.450
38191.441 45276.934 30788.316 29.455 26.184
1.021
4/15/2016 4:30:00 AM 226800.000 70.767 16.808 159.410
38171.203 45251.406 30770.957 29.437 26.198
1.021
4/15/2016 4:45:00 AM 227700.000 70.789 16.808 159.460
38206.688 45293.930 30799.875 29.468 26.173
1.021
4/15/2016 5:00:00 AM 228600.000 70.773 16.812 159.423
38220.617 45306.574 30808.473 29.477 26.164
1.021
4/15/2016 5:15:00 AM 229500.000 70.794 16.807 159.469
38195.910 45281.512 30791.430 29.459 26.181
1.021
4/15/2016 5:30:00 AM 230400.000 70.779 16.815 159.435
38193.141 45270.766 30784.123 29.451 26.183
1.021
4/15/2016 5:45:00 AM 231300.000 70.780 16.802 159.439
38198.578 45290.613 30797.619 29.465 26.179
1.021
4/15/2016 6:00:00 AM 232200.000 70.799 16.817 159.481
38197.879 45274.133 30786.412 29.454 26.179
1.021
4/15/2016 6:15:00 AM 233100.000 70.782 16.814 159.443

38195.449 45274.137 30786.416 29.454 26.181
1.021
4/15/2016 6:30:00 AM 234000.000 70.804 16.810 159.493
38193.656 45275.785 30787.537 29.455 26.182
1.021
4/15/2016 6:45:00 AM 234900.000 70.804 16.817 159.494
38206.945 45284.246 30793.289 29.461 26.173
1.021
4/15/2016 7:00:00 AM 235800.000 70.806 16.810 159.498
38207.023 45292.344 30798.795 29.467 26.173
1.021
4/15/2016 7:15:00 AM 236700.000 70.809 16.806 159.505
38190.012 45275.871 30787.594 29.454 26.185
1.021
4/15/2016 7:30:00 AM 237600.000 70.810 16.814 159.506
38168.902 45242.848 30765.139 29.431 26.199
1.021
4/15/2016 7:45:00 AM 238500.000 70.794 16.810 159.470
38198.664 45282.258 30791.938 29.459 26.179
1.021
4/15/2016 8:00:00 AM 239400.000 70.797 16.813 159.478
38185.387 45263.375 30779.096 29.446 26.188
1.021
4/15/2016 8:15:00 AM 240300.000 70.811 16.819 159.509
38211.867 45288.730 30796.340 29.465 26.170
1.021
4/15/2016 8:30:00 AM 241200.000 70.817 16.821 159.521
38192.055 45263.270 30779.023 29.446 26.183
1.021
4/15/2016 8:45:00 AM 242100.000 70.802 16.813 159.487
38185.406 45263.398 30779.111 29.446 26.188
1.021
4/15/2016 9:00:00 AM 243000.000 70.814 16.820 159.517
38165.379 45232.016 30757.771 29.424 26.202
1.021
4/15/2016 9:15:00 AM 243900.000 70.803 16.810 159.490
38183.887 45264.203 30779.660 29.446 26.189
1.021
4/15/2016 9:30:00 AM 244800.000 70.815 16.804 159.518
38209.344 45300.863 30804.590 29.472 26.172
1.021
4/15/2016 9:45:00 AM 245700.000 70.799 16.811 159.483
38215.074 45300.363 30804.248 29.472 26.168
1.021
4/15/2016 10:00:00 AM 246600.000 70.813 16.809 159.514
38210.918 45297.770 30802.486 29.470 26.171
1.021
4/15/2016 10:15:00 AM 247500.000 70.815 16.808 159.518
38182.254 45264.695 30779.992 29.447 26.190
1.021
4/15/2016 10:30:00 AM 248400.000 70.806 16.819 159.498
38244.352 45326.512 30822.029 29.492 26.148
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4/15/2016 10:45:00 AM 249300.000 70.796 16.814 159.475
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38191.191 45276.184 30787.805 29.455 26.184
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38174.035 45243.977 30765.906 29.432 26.196
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38199.781 45275.039 30787.029 29.455 26.178
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38203.973 45277.664 30788.814 29.457 26.175

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38188.285 45262.484 30778.492 29.445 26.186
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38182.629 45262.613 30778.580 29.445 26.190
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38209.012 45290.109 30797.277 29.465 26.172
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38211.152 45292.648 30799.004 29.467 26.170
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38183.746 45261.344 30777.715 29.444 26.189
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38197.035 45262.172 30778.279 29.446 26.180
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38202.969 45280.797 30790.943 29.459 26.176
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38186.203 45274.500 30786.662 29.453 26.187
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4/15/2016 9:00:00 PM 286200.000 70.750 16.810 159.371
38205.027 45289.266 30796.703 29.464 26.175
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38177.539 45254.430 30773.014 29.439 26.193
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38185.051 45265.484 30780.531 29.447 26.188
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38206.055 45287.145 30795.260 29.463 26.174
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38211.531 45295.074 30800.652 29.469 26.170
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38199.766 45277.711 30788.846 29.456 26.178
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38177.168 45259.930 30776.752 29.443 26.194
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38212.219 45299.410 30803.600 29.472 26.170
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38205.402 45290.336 30797.432 29.465 26.174
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38191.473 45272.207 30785.104 29.452 26.184
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38216.066 45305.309 30807.611 29.476 26.167
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38176.270 45246.352 30767.521 29.434 26.194
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38198.316 45274.195 30786.455 29.454 26.179
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38214.719 45299.215 30803.469 29.472 26.168
1.021
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38179.273 45265.121 30780.285 29.447 26.192
1.021
4/16/2016 12:45:00 AM 299700.000 70.773 16.808 159.423
38234.965 45326.910 30822.301 29.492 26.154
1.021

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38212.426	45296.496	30801.619	29.470	26.169
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38206.578	45286.512	30794.830	29.463	26.174
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4/16/2016 1:30:00 AM	302400.000	70.754	16.806	159.380
38183.250	45267.855	30782.145	29.449	26.189
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4/16/2016 1:45:00 AM	303300.000	70.751	16.817	159.373
38202.609	45279.820	30790.279	29.458	26.176
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4/16/2016 2:00:00 AM	304200.000	70.760	16.822	159.394
38221.867	45297.523	30802.318	29.471	26.163
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4/16/2016 2:15:00 AM	305100.000	70.743	16.815	159.357
38218.531	45300.305	30804.209	29.473	26.165
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4/16/2016 2:30:00 AM	306000.000	70.758	16.817	159.388
38209.473	45287.875	30795.758	29.464	26.172
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4/16/2016 2:45:00 AM	306900.000	70.745	16.816	159.360
38188.211	45264.016	30779.533	29.446	26.186
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4/16/2016 3:00:00 AM	307800.000	70.758	16.824	159.388
38202.195	45272.414	30785.244	29.453	26.177
1.021				
4/16/2016 3:15:00 AM	308700.000	70.736	16.812	159.340
38200.324	45281.789	30791.619	29.459	26.178
1.021				
4/16/2016 3:30:00 AM	309600.000	70.740	16.811	159.349
38212.191	45297.395	30802.230	29.470	26.170
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4/16/2016 3:45:00 AM	310500.000	70.754	16.818	159.380
38198.039	45273.234	30785.801	29.453	26.179
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4/16/2016 4:00:00 AM	311400.000	70.739	16.821	159.346
38183.773	45253.543	30772.412	29.439	26.189
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38199.844	45279.242	30789.887	29.457	26.178
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38216.230	45296.242	30801.447	29.470	26.167
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38215.832	45296.121	30801.365	29.470	26.167
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38194.152	45276.273	30787.869	29.455	26.182
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38172.289	45251.168	30770.795	29.437	26.197
1.021				
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38232.680	45321.145	30818.381	29.488	26.156

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38206.242 45284.676 30793.580 29.461 26.174
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38175.570 45251.371 30770.936 29.437 26.195
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38207.516 45293.461 30799.557 29.467 26.173
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38192.289 45272.000 30784.961 29.452 26.183
1.021
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38181.840 45259.980 30776.789 29.443 26.190
1.021
4/16/2016 7:00:00 AM 322200.000 70.765 16.813 159.404
38218.867 45303.059 30806.082 29.475 26.165
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38202.598 45283.688 30792.910 29.461 26.176
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38192.969 45272.891 30785.568 29.453 26.183
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38203.336 45279.613 30790.139 29.458 26.176
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38187.914 45259.168 30776.236 29.443 26.186
1.021
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38207.926 45286.121 30794.563 29.463 26.173
1.021
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38199.863 45289.531 30796.883 29.464 26.178
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38190.938 45278.852 30789.621 29.457 26.184
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38200.145 45282.031 30791.783 29.459 26.178
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38197.586 45282.414 30792.041 29.459 26.180
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38214.273 45296.801 30801.826 29.470 26.168
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4/16/2016 9:45:00 AM 332100.000 70.783 16.807 159.446
38185.523 45269.375 30783.176 29.450 26.188
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4/16/2016 10:00:00 AM 333000.000 70.784 16.802 159.449
38151.277 45233.898 30759.053 29.424 26.211
1.021
4/16/2016 10:15:00 AM 333900.000 70.765 16.808 159.404

38174.910 45255.535 30773.766 29.440 26.195
1.021
4/16/2016 10:30:00 AM 334800.000 70.776 16.818 159.429
38201.121 45277.262 30788.539 29.456 26.177
1.021
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38207.703 45284.789 30793.658 29.462 26.173
1.021
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38210.754 45291.012 30797.891 29.466 26.171
1.021
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38165.313 45240.828 30763.766 29.429 26.202
1.021
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38182.469 45262.695 30778.635 29.445 26.190
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38209.188 45295.988 30801.273 29.469 26.172
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38189.598 45273.309 30785.850 29.453 26.185
1.021
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38188.902 45270.504 30783.945 29.451 26.186
1.021
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38203.996 45278.949 30789.686 29.457 26.175
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38195.492 45275.531 30787.363 29.455 26.181
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4/16/2016 1:00:00 PM 343800.000 70.744 16.816 159.357
38196.984 45274.156 30786.426 29.454 26.180
1.021
4/16/2016 1:15:00 PM 344700.000 70.750 16.826 159.371
38196.063 45263.078 30778.895 29.446 26.181
1.021
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38208.422 45289.867 30797.111 29.465 26.172
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38218.563 45304.316 30806.936 29.475 26.165
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38212.863 45296.387 30801.545 29.470 26.169
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38178.145 45254.336 30772.951 29.439 26.193
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38179.793 45253.227 30772.197 29.439 26.192
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38193.504 45268.141 30782.338 29.450 26.182
1.021

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38187.441	45270.129	30783.689	29.450	26.187
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38196.855	45274.082	30786.379	29.454	26.180
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38190.730	45270.691	30784.070	29.451	26.184
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38219.766	45311.602	30811.891	29.480	26.164
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38212.898	45298.137	30802.734	29.471	26.169
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38218.145	45302.734	30805.861	29.474	26.166
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38204.727	45288.184	30795.967	29.464	26.175
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38205.883	45293.871	30799.834	29.468	26.174
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38222.141	45309.188	30810.250	29.479	26.163
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38231.156	45320.508	30817.947	29.487	26.157
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38203.262	45286.359	30794.725	29.462	26.176
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38208.066	45289.715	30797.006	29.465	26.172
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38191.055	45272.602	30785.369	29.452	26.184
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4/16/2016 6:15:00 PM	362700.000	70.681	16.812	159.215
38206.855	45289.531	30796.883	29.465	26.173
1.021				
4/16/2016 6:30:00 PM	363600.000	70.681	16.805	159.215
38221.258	45313.625	30813.268	29.482	26.163
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38172.465	45258.125	30775.525	29.441	26.197
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4/16/2016 7:00:00 PM	365400.000	70.686	16.817	159.228
38193.316	45269.082	30782.979	29.450	26.183
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38191.641	45268.621	30782.664	29.450	26.184
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38199.906 45285.262 30793.980 29.461 26.178
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38165.496 45239.797 30763.063 29.429 26.202
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38198.137 45271.926 30784.912 29.452 26.179
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38209.563 45291.219 30798.031 29.466 26.171
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38200.008 45279.086 30789.781 29.457 26.178
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38189.531 45272.063 30785.004 29.452 26.185
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38202.660 45279.703 30790.201 29.458 26.176
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38202.371 45282.152 30791.865 29.459 26.176
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38199.934 45278.637 30789.475 29.457 26.178
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38191.484 45267.082 30781.617 29.449 26.184
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38192.418 45281.508 30791.428 29.458 26.183
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38176.645 45246.078 30767.336 29.434 26.194
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38200.426 45285.430 30794.094 29.462 26.178
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38197.848 45275.789 30787.539 29.455 26.179
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38183.160 45260.195 30776.936 29.444 26.190
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4/16/2016 11:45:00 PM 382500.000 70.729 16.811 159.325
38206.340 45290.539 30797.566 29.465 26.174
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4/17/2016 12:00:00 AM 383400.000 70.731 16.812 159.327
38209.953 45293.383 30799.502 29.467 26.171
1.021
4/17/2016 12:15:00 AM 384300.000 70.731 16.809 159.329

38189.730 45272.469 30785.279 29.452 26.185
1.021
4/17/2016 12:30:00 AM 385200.000 70.711 16.812 159.284
38196.379 45277.215 30788.508 29.456 26.180
1.021
4/17/2016 12:45:00 AM 386100.000 70.711 16.815 159.283
38210.066 45290.828 30797.766 29.466 26.171
1.021
4/17/2016 1:00:00 AM 387000.000 70.710 16.811 159.281
38201.695 45284.684 30793.586 29.461 26.177
1.021
4/17/2016 1:15:00 AM 387900.000 70.708 16.809 159.277
38214.418 45301.383 30804.943 29.473 26.168
1.021
4/17/2016 1:30:00 AM 388800.000 70.718 16.811 159.300
38191.855 45272.926 30785.592 29.453 26.184
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4/17/2016 1:45:00 AM 389700.000 70.703 16.808 159.266
38208.844 45296.395 30801.551 29.469 26.172
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38177.035 45255.355 30773.643 29.440 26.194
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4/17/2016 2:15:00 AM 391500.000 70.699 16.814 159.257
38210.809 45292.066 30798.607 29.467 26.171
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38206.191 45280.652 30790.846 29.459 26.174
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4/17/2016 2:45:00 AM 393300.000 70.691 16.815 159.239
38220.652 45303.453 30806.350 29.475 26.164
1.021
4/17/2016 3:00:00 AM 394200.000 70.706 16.807 159.272
38207.527 45295.820 30801.158 29.469 26.173
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4/17/2016 3:15:00 AM 395100.000 70.685 16.818 159.224
38220.539 45299.816 30803.877 29.472 26.164
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4/17/2016 3:30:00 AM 396000.000 70.701 16.810 159.261
38188.734 45269.953 30783.570 29.450 26.186
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38182.383 45263.496 30779.178 29.446 26.190
1.021
4/17/2016 4:00:00 AM 397800.000 70.696 16.811 159.250
38184.695 45264.078 30779.576 29.446 26.189
1.021
4/17/2016 4:15:00 AM 398700.000 70.677 16.809 159.207
38219.730 45308.316 30809.658 29.478 26.164
1.021
4/17/2016 4:30:00 AM 399600.000 70.681 16.801 159.215
38193.277 45284.859 30793.707 29.461 26.183
1.021
4/17/2016 4:45:00 AM 400500.000 70.693 16.803 159.242
38196.820 45286.910 30795.102 29.462 26.180
1.021

4/17/2016 5:00:00 AM	401400.000	70.672	16.808	159.196
38194.430	45279.129	30789.811	29.457	26.182
1.021				
4/17/2016 5:15:00 AM	402300.000	70.689	16.815	159.233
38208.965	45289.523	30796.879	29.465	26.172
1.021				
4/17/2016 5:30:00 AM	403200.000	70.690	16.806	159.237
38204.871	45293.941	30799.883	29.468	26.175
1.021				
4/17/2016 5:45:00 AM	404100.000	70.676	16.804	159.204
38203.832	45294.238	30800.084	29.468	26.175
1.021				
4/17/2016 6:00:00 AM	405000.000	70.687	16.806	159.229
38195.473	45282.523	30792.117	29.459	26.181
1.021				
4/17/2016 6:15:00 AM	405900.000	70.669	16.807	159.188
38218.000	45307.785	30809.295	29.478	26.166
1.021				
4/17/2016 6:30:00 AM	406800.000	70.672	16.810	159.195
38191.988	45273.891	30786.248	29.453	26.184
1.021				
4/17/2016 6:45:00 AM	407700.000	70.687	16.818	159.229
38222.188	45301.957	30805.334	29.474	26.163
1.021				
4/17/2016 7:00:00 AM	408600.000	70.672	16.812	159.196
38184.816	45264.039	30779.549	29.446	26.188
1.021				
4/17/2016 7:15:00 AM	409500.000	70.673	16.809	159.198
38200.766	45285.383	30794.063	29.462	26.177
1.021				
4/17/2016 7:30:00 AM	410400.000	70.673	16.820	159.198
38203.746	45277.754	30788.873	29.457	26.175
1.021				
4/17/2016 7:45:00 AM	411300.000	70.693	16.803	159.244
38203.355	45295.195	30800.734	29.468	26.176
1.021				
4/17/2016 8:00:00 AM	412200.000	70.682	16.820	159.217
38215.934	45291.930	30798.514	29.467	26.167
1.021				
4/17/2016 8:15:00 AM	413100.000	70.678	16.806	159.210
38206.379	45295.359	30800.846	29.469	26.174
1.021				
4/17/2016 8:30:00 AM	414000.000	70.698	16.808	159.254
38204.477	45290.680	30797.662	29.465	26.175
1.021				
4/17/2016 8:45:00 AM	414900.000	70.699	16.814	159.255
38187.109	45263.875	30779.436	29.446	26.187
1.021				
4/17/2016 9:00:00 AM	415800.000	70.689	16.808	159.234
38194.270	45279.387	30789.984	29.457	26.182
1.021				
4/17/2016 9:15:00 AM	416700.000	70.689	16.808	159.234
38202.082	45288.281	30796.031	29.464	26.177
1.021				
4/17/2016 9:30:00 AM	417600.000	70.691	16.811	159.238
38197.445	45280.098	30790.469	29.458	26.180

1.021
4/17/2016 9:45:00 AM 418500.000 70.691 16.812 159.239
38175.371 45252.133 30771.451 29.438 26.195
1.021
4/17/2016 10:00:00 AM 419400.000 70.695 16.817 159.248
38197.633 45274.020 30786.336 29.454 26.180
1.021
4/17/2016 10:15:00 AM 420300.000 70.698 16.808 159.254
38212.602 45301.117 30804.762 29.473 26.169
1.021
4/17/2016 10:30:00 AM 421200.000 70.699 16.800 159.257
38167.215 45254.691 30773.193 29.439 26.200
1.021
4/17/2016 10:45:00 AM 422100.000 70.716 16.814 159.294
38217.074 45300.203 30804.141 29.473 26.166
1.021
4/17/2016 11:00:00 AM 423000.000 70.715 16.822 159.291
38210.828 45284.441 30793.420 29.462 26.171
1.021
4/17/2016 11:15:00 AM 423900.000 70.712 16.827 159.286
38229.613 45301.125 30804.768 29.474 26.158
1.021
4/17/2016 11:30:00 AM 424800.000 70.699 16.811 159.257
38191.891 45272.703 30785.439 29.452 26.184
1.021
4/17/2016 11:45:00 AM 425700.000 70.713 16.813 159.289
38207.602 45289.707 30797.002 29.465 26.173
1.021
4/17/2016 12:00:00 PM 426600.000 70.711 16.811 159.284
38188.797 45269.215 30783.068 29.450 26.186
1.021
4/17/2016 12:15:00 PM 427500.000 70.694 16.818 159.246
38234.352 45315.824 30814.764 29.484 26.154
1.021
4/17/2016 12:30:00 PM 428400.000 70.698 16.809 159.255
38186.211 45267.852 30782.141 29.449 26.187
1.021
4/17/2016 12:45:00 PM 429300.000 70.704 16.812 159.268
38197.445 45278.738 30789.545 29.457 26.180
1.021
4/17/2016 1:00:00 PM 430200.000 70.690 16.814 159.236
38207.582 45288.871 30796.434 29.464 26.173
1.021
4/17/2016 1:15:00 PM 431100.000 70.686 16.811 159.226
38182.391 45261.441 30777.783 29.444 26.190
1.021
4/17/2016 1:30:00 PM 432000.000 70.700 16.803 159.258
38201.961 45292.926 30799.191 29.467 26.177
1.021
4/17/2016 1:45:00 PM 432900.000 70.700 16.808 159.259
38195.215 45279.965 30790.379 29.458 26.181
1.021
4/17/2016 2:00:00 PM 433800.000 70.673 16.807 159.199
38198.258 45285.102 30793.871 29.461 26.179
1.021
4/17/2016 2:15:00 PM 434700.000 70.672 16.809 159.196

38170.148	45248.813	30769.195	29.435	26.198
1.021				
4/17/2016 2:30:00 PM	435600.000	70.669	16.809	159.189
38185.465	45267.594	30781.967	29.449	26.188
1.021				
4/17/2016 2:45:00 PM	436500.000	70.671	16.805	159.194
38177.926	45262.348	30778.398	29.445	26.193
1.021				
4/17/2016 3:00:00 PM	437400.000	70.678	16.803	159.209
38200.715	45291.258	30798.055	29.465	26.178
1.021				
4/17/2016 3:15:00 PM	438300.000	70.675	16.816	159.202
38211.484	45290.789	30797.736	29.466	26.170
1.021				
4/17/2016 3:30:00 PM	439200.000	70.654	16.810	159.154
38181.516	45261.395	30777.750	29.444	26.191
1.021				
4/17/2016 3:45:00 PM	440100.000	70.656	16.811	159.160
38207.813	45292.105	30798.633	29.467	26.173
1.021				
4/17/2016 4:00:00 PM	441000.000	70.652	16.796	159.150
38198.848	45296.246	30801.449	29.469	26.179
1.021				
4/17/2016 4:15:00 PM	441900.000	70.665	16.805	159.179
38180.160	45265.535	30780.564	29.447	26.192
1.021				
4/17/2016 4:30:00 PM	442800.000	70.659	16.802	159.166
38214.203	45308.504	30809.783	29.478	26.168
1.021				
4/17/2016 4:45:00 PM	443700.000	70.658	16.801	159.163
38186.441	45277.309	30788.572	29.455	26.187
1.021				
4/17/2016 5:00:00 PM	444600.000	70.643	16.819	159.130
38198.109	45272.512	30785.311	29.453	26.179
1.021				
4/17/2016 5:15:00 PM	445500.000	70.637	16.808	159.116
38172.906	45253.793	30772.582	29.439	26.197
1.021				
4/17/2016 5:30:00 PM	446400.000	70.636	16.819	159.114
38191.453	45264.004	30779.525	29.447	26.184
1.021				
4/17/2016 5:45:00 PM	447300.000	70.651	16.814	159.149
38203.117	45283.406	30792.719	29.460	26.176
1.021				
4/17/2016 6:00:00 PM	448200.000	70.654	16.809	159.155
38179.801	45260.348	30777.039	29.443	26.192
1.021				
4/17/2016 6:15:00 PM	449100.000	70.633	16.825	159.108
38214.402	45284.898	30793.732	29.462	26.168
1.021				
4/17/2016 6:30:00 PM	450000.000	70.655	16.805	159.156
38182.793	45268.477	30782.566	29.449	26.190
1.021				
4/17/2016 6:45:00 PM	450900.000	70.643	16.810	159.130
38207.742	45292.387	30798.826	29.467	26.173
1.021				

4/17/2016 7:00:00 PM	451800.000	70.641	16.814	159.126
38199.398	45278.996	30789.719	29.457	26.178
1.021				
4/17/2016 7:15:00 PM	452700.000	70.655	16.804	159.158
38197.094	45286.871	30795.074	29.462	26.180
1.021				
4/17/2016 7:30:00 PM	453600.000	70.647	16.807	159.138
38200.695	45287.637	30795.596	29.463	26.178
1.021				
4/17/2016 7:45:00 PM	454500.000	70.647	16.807	159.138
38183.980	45268.086	30782.301	29.449	26.189
1.021				
4/17/2016 8:00:00 PM	455400.000	70.649	16.815	159.143
38211.781	45292.938	30799.197	29.467	26.170
1.021				
4/17/2016 8:15:00 PM	456300.000	70.653	16.805	159.152
38200.340	45289.461	30796.834	29.464	26.178
1.021				
4/17/2016 8:30:00 PM	457200.000	70.660	16.807	159.168
38205.738	45294.063	30799.965	29.468	26.174
1.021				
4/17/2016 8:45:00 PM	458100.000	70.674	16.813	159.200
38177.508	45253.855	30772.623	29.439	26.193
1.021				
4/17/2016 9:00:00 PM	459000.000	70.662	16.804	159.173
38194.676	45284.004	30793.125	29.460	26.182
1.021				
4/17/2016 9:15:00 PM	459900.000	70.666	16.807	159.182
38174.359	45255.867	30773.992	29.440	26.196
1.021				
4/17/2016 9:30:00 PM	460800.000	70.691	16.819	159.239
38208.227	45284.688	30793.588	29.462	26.172
1.021				
4/17/2016 9:45:00 PM	461700.000	70.692	16.814	159.240
38184.457	45261.109	30777.555	29.444	26.189
1.021				
4/17/2016 10:00:00 PM	462600.000	70.693	16.817	159.244
38204.477	45282.129	30791.850	29.460	26.175
1.021				
4/17/2016 10:15:00 PM	463500.000	70.683	16.819	159.219
38221.660	45300.336	30804.230	29.473	26.163
1.021				
4/17/2016 10:30:00 PM	464400.000	70.682	16.810	159.218
38231.680	45321.668	30818.734	29.488	26.156
1.021				
4/17/2016 10:45:00 PM	465300.000	70.690	16.808	159.235
38180.605	45262.648	30778.604	29.445	26.191
1.021				
4/17/2016 11:00:00 PM	466200.000	70.696	16.811	159.250
38196.777	45279.121	30789.805	29.457	26.180
1.021				
4/17/2016 11:15:00 PM	467100.000	70.689	16.817	159.233
38198.469	45274.734	30786.822	29.454	26.179
1.021				
4/17/2016 11:30:00 PM	468000.000	70.715	16.817	159.291
38207.105	45285.340	30794.033	29.462	26.173

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4/17/2016 11:45:00 PM 468900.000 70.696 16.819 159.251
38183.883 45255.563 30773.785 29.441 26.189
1.021
4/18/2016 12:00:00 AM 469800.000 70.720 16.805 159.303
38182.438 45267.875 30782.158 29.449 26.190
1.021
4/18/2016 12:15:00 AM 470700.000 70.715 16.816 159.293
38205.961 45284.523 30793.479 29.461 26.174
1.021
4/18/2016 12:30:00 AM 471600.000 70.720 16.805 159.303
38188.250 45274.492 30786.656 29.453 26.186
1.021
4/18/2016 12:45:00 AM 472500.000 70.707 16.814 159.275
38206.344 45286.672 30794.939 29.463 26.174
1.021
4/18/2016 1:00:00 AM 473400.000 70.721 16.813 159.306
38213.160 45296.652 30801.725 29.470 26.169
1.021
4/18/2016 1:15:00 AM 474300.000 70.706 16.814 159.273
38191.637 45269.242 30783.086 29.450 26.184
1.021
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38226.055 45307.977 30809.426 29.478 26.160
1.021
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38220.184 45297.680 30802.424 29.471 26.164
1.021
4/18/2016 2:00:00 AM 477000.000 70.717 16.805 159.296
38223.254 45315.914 30814.822 29.483 26.162
1.021
4/18/2016 2:15:00 AM 477900.000 70.717 16.816 159.297
38218.246 45298.906 30803.258 29.472 26.166
1.021
4/18/2016 2:30:00 AM 478800.000 70.700 16.807 159.259
38194.871 45280.543 30790.771 29.458 26.182
1.021
4/18/2016 2:45:00 AM 479700.000 70.697 16.813 159.253
38197.637 45277.527 30788.721 29.456 26.180
1.021
4/18/2016 3:00:00 AM 480600.000 70.695 16.816 159.248
38203.680 45282.352 30792.002 29.460 26.175
1.021
4/18/2016 3:15:00 AM 481500.000 70.713 16.815 159.287
38214.078 45295.027 30800.621 29.469 26.168
1.021
4/18/2016 3:30:00 AM 482400.000 70.693 16.813 159.243
38196.969 45277.461 30788.676 29.456 26.180
1.021
4/18/2016 3:45:00 AM 483300.000 70.695 16.806 159.248
38203.957 45292.488 30798.895 29.467 26.175
1.021
4/18/2016 4:00:00 AM 484200.000 70.693 16.804 159.244
38216.078 45308.754 30809.953 29.478 26.167
1.021
4/18/2016 4:15:00 AM 485100.000 70.704 16.816 159.268

38205.012 45283.570 30792.830 29.461 26.175
1.021
4/18/2016 4:30:00 AM 486000.000 70.689 16.803 159.234
38200.320 45291.238 30798.045 29.465 26.178
1.021
4/18/2016 4:45:00 AM 486900.000 70.700 16.807 159.259
38207.848 45295.840 30801.174 29.469 26.173
1.021
4/18/2016 5:00:00 AM 487800.000 70.680 16.814 159.214
38179.961 45256.309 30774.293 29.441 26.192
1.021
4/18/2016 5:15:00 AM 488700.000 70.698 16.810 159.254
38201.535 45285.934 30794.438 29.462 26.177
1.021
4/18/2016 5:30:00 AM 489600.000 70.698 16.818 159.254
38189.945 45263.742 30779.346 29.446 26.185
1.021
4/18/2016 5:45:00 AM 490500.000 70.684 16.807 159.223
38212.949 45301.977 30805.346 29.473 26.169
1.021
4/18/2016 6:00:00 AM 491400.000 70.699 16.806 159.256
38198.824 45286.773 30795.008 29.462 26.179
1.021
4/18/2016 6:15:00 AM 492300.000 70.680 16.803 159.214
38186.875 45275.750 30787.512 29.454 26.187
1.021
4/18/2016 6:30:00 AM 493200.000 70.684 16.814 159.222
38191.297 45269.746 30783.430 29.450 26.184
1.021
4/18/2016 6:45:00 AM 494100.000 70.684 16.802 159.223
38185.746 45275.398 30787.273 29.454 26.188
1.021
4/18/2016 7:00:00 AM 495000.000 70.699 16.816 159.255
38200.715 45278.305 30789.250 29.457 26.178
1.021
4/18/2016 7:15:00 AM 495900.000 70.684 16.807 159.222
38193.410 45278.633 30789.473 29.457 26.183
1.021
4/18/2016 7:30:00 AM 496800.000 70.687 16.817 159.230
38196.082 45272.273 30785.148 29.452 26.181
1.021
4/18/2016 7:45:00 AM 497700.000 70.701 16.814 159.260
38188.117 45265.070 30780.248 29.447 26.186
1.021
4/18/2016 8:00:00 AM 498600.000 70.686 16.809 159.226
38182.383 45263.758 30779.355 29.446 26.190
1.021
4/18/2016 8:15:00 AM 499500.000 70.709 16.814 159.279
38205.246 45285.563 30794.186 29.462 26.174
1.021
4/18/2016 8:30:00 AM 500400.000 70.696 16.810 159.249
38213.250 45299.363 30803.568 29.472 26.169
1.021
4/18/2016 8:45:00 AM 501300.000 70.716 16.807 159.295
38193.777 45278.980 30789.709 29.457 26.182
1.021

4/18/2016 9:00:00 AM	502200.000	70.699	16.809	159.257
38188.145	45270.496	30783.939	29.451	26.186
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4/18/2016 9:15:00 AM	503100.000	70.702	16.816	159.263
38218.398	45299.164	30803.432	29.472	26.165
1.021				
4/18/2016 9:30:00 AM	504000.000	70.720	16.810	159.304
38206.344	45290.727	30797.697	29.465	26.174
1.021				
4/18/2016 9:45:00 AM	504900.000	70.724	16.826	159.312
38210.191	45279.824	30790.283	29.458	26.171
1.021				
4/18/2016 10:00:00 AM	505800.000	70.724	16.818	159.312
38211.301	45289.055	30796.559	29.465	26.170
1.021				
4/18/2016 10:15:00 AM	506700.000	70.716	16.820	159.296
38194.355	45266.535	30781.246	29.449	26.182
1.021				
4/18/2016 10:30:00 AM	507600.000	70.717	16.810	159.297
38214.273	45300.664	30804.453	29.473	26.168
1.021				
4/18/2016 10:45:00 AM	508500.000	70.736	16.808	159.340
38190.992	45274.695	30786.795	29.454	26.184
1.021				
4/18/2016 11:00:00 AM	509400.000	70.725	16.804	159.315
38172.402	45256.613	30774.500	29.440	26.197
1.021				
4/18/2016 11:15:00 AM	510300.000	70.726	16.811	159.318
38192.879	45274.402	30786.594	29.454	26.183
1.021				
4/18/2016 11:30:00 AM	511200.000	70.725	16.813	159.315
38187.625	45265.941	30780.842	29.448	26.186
1.021				
4/18/2016 11:45:00 AM	512100.000	70.747	16.804	159.364
38197.785	45287.066	30795.207	29.462	26.180
1.021				
4/18/2016 12:00:00 PM	513000.000	70.730	16.809	159.327
38211.559	45298.176	30802.762	29.471	26.170
1.021				
4/18/2016 12:15:00 PM	513900.000	70.746	16.812	159.362
38202.918	45284.969	30793.781	29.461	26.176
1.021				
4/18/2016 12:30:00 PM	514800.000	70.730	16.804	159.327
38163.891	45247.508	30768.307	29.434	26.203
1.021				
4/18/2016 12:45:00 PM	515700.000	70.728	16.814	159.322
38213.328	45294.953	30800.570	29.469	26.169
1.021				
4/18/2016 1:00:00 PM	516600.000	70.733	16.811	159.332
38178.520	45256.945	30774.725	29.441	26.193
1.021				
4/18/2016 1:15:00 PM	517500.000	70.729	16.815	159.324
38200.434	45279.488	30790.055	29.458	26.178
1.021				
4/18/2016 1:30:00 PM	518400.000	70.741	16.825	159.350
38205.133	45274.277	30786.510	29.454	26.174

1.021
4/18/2016 1:45:00 PM 519300.000 70.725 16.807 159.314
38189.578 45274.090 30786.383 29.453 26.185
1.021
4/18/2016 2:00:00 PM 520200.000 70.722 16.812 159.307
38204.012 45285.980 30794.469 29.462 26.175
1.021
4/18/2016 2:15:00 PM 521100.000 70.722 16.808 159.307
38196.801 45281.668 30791.537 29.459 26.180
1.021
4/18/2016 2:30:00 PM 522000.000 70.734 16.808 159.336
38204.078 45290.473 30797.523 29.465 26.175
1.021
4/18/2016 2:45:00 PM 522900.000 70.718 16.818 159.299
38200.324 45275.941 30787.641 29.455 26.178
1.021
4/18/2016 3:00:00 PM 523800.000 70.729 16.806 159.324
38199.867 45287.188 30795.289 29.463 26.178
1.021
4/18/2016 3:15:00 PM 524700.000 70.729 16.817 159.325
38193.324 45268.102 30782.311 29.450 26.183
1.021
4/18/2016 3:30:00 PM 525600.000 70.706 16.808 159.273
38214.184 45302.359 30805.607 29.474 26.168
1.021
4/18/2016 3:45:00 PM 526500.000 70.706 16.815 159.272
38200.246 45278.734 30789.541 29.457 26.178
1.021
4/18/2016 4:00:00 PM 527400.000 70.719 16.809 159.301
38192.945 45275.930 30787.635 29.455 26.183
1.021
4/18/2016 4:15:00 PM 528300.000 70.713 16.815 159.289
38166.945 45239.262 30762.701 29.429 26.201
1.021
4/18/2016 4:30:00 PM 529200.000 70.691 16.819 159.238
38202.219 45277.020 30788.373 29.456 26.176
1.021
4/18/2016 4:45:00 PM 530100.000 70.688 16.817 159.232
38192.250 45267.090 30781.621 29.449 26.183
1.021
4/18/2016 5:00:00 PM 531000.000 70.707 16.813 159.274
38216.324 45300.227 30804.156 29.472 26.167
1.021
4/18/2016 5:15:00 PM 531900.000 70.684 16.814 159.223
38224.633 45308.910 30810.061 29.479 26.161
1.021
4/18/2016 5:30:00 PM 532800.000 70.684 16.804 159.222
38213.320 45305.305 30807.609 29.476 26.169
1.021
4/18/2016 5:45:00 PM 533700.000 70.695 16.806 159.247
38202.199 45290.141 30797.299 29.465 26.177
1.021
4/18/2016 6:00:00 PM 534600.000 70.677 16.821 159.207
38194.785 45266.063 30780.924 29.448 26.182
1.021
4/18/2016 6:15:00 PM 535500.000 70.677 16.822 159.207

38204.293 45276.961 30788.336 29.456 26.175
1.021
4/18/2016 6:30:00 PM 536400.000 70.675 16.820 159.203
38204.098 45278.168 30789.156 29.457 26.175
1.021
4/18/2016 6:45:00 PM 537300.000 70.676 16.820 159.205
38182.074 45252.426 30771.652 29.438 26.190
1.021
4/18/2016 7:00:00 PM 538200.000 70.674 16.812 159.200
38194.672 45275.191 30787.133 29.454 26.182
1.021
4/18/2016 7:15:00 PM 539100.000 70.672 16.817 159.195
38234.207 45317.547 30815.934 29.485 26.155
1.021
4/18/2016 7:30:00 PM 540000.000 70.679 16.817 159.211
38207.883 45286.168 30794.596 29.463 26.173
1.021
4/18/2016 7:45:00 PM 540900.000 70.692 16.807 159.240
38185.859 45270.051 30783.637 29.450 26.188
1.021
4/18/2016 8:00:00 PM 541800.000 70.681 16.814 159.215
38191.102 45268.707 30782.723 29.450 26.184
1.021
4/18/2016 8:15:00 PM 542700.000 70.677 16.814 159.208
38190.402 45268.230 30782.398 29.449 26.185
1.021
4/18/2016 8:30:00 PM 543600.000 70.683 16.815 159.219
38188.172 45264.246 30779.689 29.447 26.186
1.021
4/18/2016 8:45:00 PM 544500.000 70.704 16.809 159.267
38195.109 45278.582 30789.436 29.457 26.181
1.021
4/18/2016 9:00:00 PM 545400.000 70.684 16.817 159.222
38204.363 45282.090 30791.824 29.460 26.175
1.021
4/18/2016 9:15:00 PM 546300.000 70.692 16.803 159.241
38170.355 45255.352 30773.641 29.439 26.198
1.021
4/18/2016 9:30:00 PM 547200.000 70.696 16.804 159.249
38180.313 45266.168 30780.996 29.447 26.192
1.021
4/18/2016 9:45:00 PM 548100.000 70.694 16.807 159.245
38224.344 45315.672 30814.656 29.483 26.161
1.021
4/18/2016 10:00:00 PM 549000.000 70.694 16.799 159.246
38170.160 45259.074 30776.170 29.442 26.198
1.021
4/18/2016 10:15:00 PM 549900.000 70.700 16.802 159.258
38181.938 45270.348 30783.838 29.450 26.190
1.021
4/18/2016 10:30:00 PM 550800.000 70.704 16.803 159.268
38189.020 45277.582 30788.758 29.456 26.186
1.021
4/18/2016 10:45:00 PM 551700.000 70.707 16.796 159.274
38196.984 45294.926 30800.553 29.468 26.180
1.021

4/18/2016 11:00:00 PM 552600.000 70.710 16.801 159.282
38180.266 45269.984 30783.592 29.450 26.192
1.021
4/18/2016 11:15:00 PM 553500.000 70.709 16.807 159.279
38200.973 45288.152 30795.943 29.463 26.177
1.021
4/18/2016 11:30:00 PM 554400.000 70.711 16.807 159.284
38196.637 45282.824 30792.322 29.460 26.180
1.021
4/18/2016 11:45:00 PM 555300.000 70.713 16.807 159.288
38200.742 45287.957 30795.813 29.463 26.178
1.021
4/19/2016 12:00:00 AM 556200.000 70.713 16.803 159.288
38204.207 45295.762 30801.121 29.469 26.175
1.021
4/19/2016 12:15:00 AM 557100.000 70.715 16.813 159.293
38200.039 45280.820 30790.961 29.458 26.178
1.021
4/19/2016 12:30:00 AM 558000.000 70.728 16.812 159.321
38213.656 45297.516 30802.313 29.471 26.169
1.021
4/19/2016 12:45:00 AM 558900.000 70.715 16.809 159.293
38157.828 45234.301 30759.324 29.425 26.207
1.021
4/19/2016 1:00:00 AM 559800.000 70.728 16.814 159.321
38200.313 45280.082 30790.459 29.458 26.178
1.021
4/19/2016 1:15:00 AM 560700.000 70.725 16.819 159.316
38198.824 45273.453 30785.951 29.453 26.179
1.021
4/19/2016 1:30:00 AM 561600.000 70.714 16.817 159.291
38199.953 45276.770 30788.205 29.456 26.178
1.021
4/19/2016 1:45:00 AM 562500.000 70.727 16.803 159.319
38189.367 45278.074 30789.092 29.456 26.185
1.021
4/19/2016 2:00:00 AM 563400.000 70.707 16.803 159.274
38188.047 45277.141 30788.455 29.455 26.186
1.021
4/19/2016 2:15:00 AM 564300.000 70.720 16.809 159.304
38185.887 45267.563 30781.943 29.449 26.188
1.021
4/19/2016 2:30:00 AM 565200.000 70.718 16.814 159.299
38174.098 45249.082 30769.379 29.436 26.196
1.021
4/19/2016 2:45:00 AM 566100.000 70.699 16.813 159.256
38214.691 45297.656 30802.408 29.471 26.168
1.021
4/19/2016 3:00:00 AM 567000.000 70.701 16.808 159.262
38184.945 45268.332 30782.469 29.449 26.188
1.021
4/19/2016 3:15:00 AM 567900.000 70.712 16.805 159.286
38201.172 45289.813 30797.074 29.465 26.177
1.021
4/19/2016 3:30:00 AM 568800.000 70.692 16.819 159.241
38198.547 45273.121 30785.725 29.453 26.179

1.021
4/19/2016 3:45:00 AM 569700.000 70.686 16.815 159.226
38173.332 45247.289 30768.158 29.434 26.196
1.021
4/19/2016 4:00:00 AM 570600.000 70.684 16.807 159.223
38205.555 45293.750 30799.752 29.467 26.174
1.021
4/19/2016 4:15:00 AM 571500.000 70.684 16.814 159.222
38198.797 45277.918 30788.986 29.456 26.179
1.021
4/19/2016 4:30:00 AM 572400.000 70.697 16.804 159.251
38193.297 45282.199 30791.898 29.459 26.183
1.021
4/19/2016 4:45:00 AM 573300.000 70.691 16.815 159.239
38184.207 45259.902 30776.734 29.443 26.189
1.021
4/19/2016 5:00:00 AM 574200.000 70.674 16.806 159.201
38190.289 45276.020 30787.695 29.455 26.185
1.021
4/19/2016 5:15:00 AM 575100.000 70.669 16.814 159.188
38186.703 45263.496 30779.178 29.446 26.187
1.021
4/19/2016 5:30:00 AM 576000.000 70.664 16.805 159.178
38185.195 45271.504 30784.625 29.451 26.188
1.021
4/19/2016 5:45:00 AM 576900.000 70.661 16.812 159.172
38198.301 45279.754 30790.234 29.458 26.179
1.021
4/19/2016 6:00:00 AM 577800.000 70.657 16.809 159.161
38212.879 45300.008 30804.006 29.472 26.169
1.021
4/19/2016 6:15:00 AM 578700.000 70.657 16.809 159.163
38202.523 45287.637 30795.596 29.463 26.176
1.021
4/19/2016 6:30:00 AM 579600.000 70.671 16.801 159.194
38195.207 45287.332 30795.387 29.462 26.181
1.021
4/19/2016 6:45:00 AM 580500.000 70.651 16.811 159.148
38186.246 45266.719 30781.371 29.448 26.187
1.021
4/19/2016 7:00:00 AM 581400.000 70.651 16.808 159.148
38205.660 45292.805 30799.109 29.467 26.174
1.021
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38212.121 45289.664 30796.975 29.465 26.170
1.021
4/19/2016 7:30:00 AM 583200.000 70.653 16.806 159.153
38167.762 45249.125 30769.408 29.435 26.200
1.021
4/19/2016 7:45:00 AM 584100.000 70.666 16.815 159.183
38210.336 45290.875 30797.797 29.466 26.171
1.021
4/19/2016 8:00:00 AM 585000.000 70.654 16.809 159.155
38216.344 45303.758 30806.557 29.475 26.167
1.021
4/19/2016 8:15:00 AM 585900.000 70.649 16.812 159.143

38188.004 45267.727 30782.057 29.449 26.186
1.021
4/19/2016 8:30:00 AM 586800.000 70.664 16.820 159.177
38195.258 45268.051 30782.275 29.450 26.181
1.021
4/19/2016 8:45:00 AM 587700.000 70.669 16.815 159.190
38159.199 45230.613 30756.818 29.422 26.206
1.021
4/19/2016 9:00:00 AM 588600.000 70.654 16.808 159.156
38199.434 45284.789 30793.658 29.461 26.178
1.021
4/19/2016 9:15:00 AM 589500.000 70.672 16.808 159.197
38169.254 45249.098 30769.389 29.435 26.199
1.021
4/19/2016 9:30:00 AM 590400.000 70.670 16.809 159.191
38193.191 45276.754 30788.195 29.455 26.183
1.021
4/19/2016 9:45:00 AM 591300.000 70.672 16.814 159.196
38205.645 45285.766 30794.320 29.462 26.174
1.021
4/19/2016 10:00:00 AM 592200.000 70.655 16.830 159.158
38212.219 45278.082 30789.098 29.457 26.170
1.021
4/19/2016 10:15:00 AM 593100.000 70.666 16.822 159.181
38208.633 45282.105 30791.834 29.460 26.172
1.021
4/19/2016 10:30:00 AM 594000.000 70.662 16.814 159.173
38184.473 45260.672 30777.260 29.444 26.189
1.021
4/19/2016 10:45:00 AM 594900.000 70.682 16.810 159.219
38212.551 45298.898 30803.254 29.471 26.169
1.021
4/19/2016 11:00:00 AM 595800.000 70.667 16.814 159.184
38216.000 45298.676 30803.102 29.471 26.167
1.021
4/19/2016 11:15:00 AM 596700.000 70.666 16.811 159.183
38185.355 45264.859 30780.107 29.447 26.188
1.021
4/19/2016 11:30:00 AM 597600.000 70.685 16.818 159.226
38219.395 45298.016 30802.652 29.471 26.165
1.021
4/19/2016 11:45:00 AM 598500.000 70.668 16.813 159.186
38208.738 45291.129 30797.971 29.466 26.172
1.021
4/19/2016 12:00:00 PM 599400.000 70.685 16.815 159.226
38204.629 45283.578 30792.836 29.461 26.175
1.021
4/19/2016 12:15:00 PM 600300.000 70.689 16.817 159.233
38182.781 45256.594 30774.486 29.441 26.190
1.021
4/19/2016 12:30:00 PM 601200.000 70.676 16.806 159.205
38185.070 45270.469 30783.922 29.451 26.188
1.021
4/19/2016 12:45:00 PM 602100.000 70.687 16.817 159.229
38182.824 45255.836 30773.969 29.441 26.190
1.021

4/19/2016 1:00:00 PM	603000.000	70.687	16.806	159.230
38200.129	45287.688	30795.627	29.463	26.178
1.021				
4/19/2016 1:15:00 PM	603900.000	70.692	16.806	159.240
38180.215	45264.434	30779.816	29.446	26.192
1.021				
4/19/2016 1:30:00 PM	604800.000	70.670	16.804	159.192
38199.699	45289.867	30797.111	29.464	26.178
1.021				
4/19/2016 1:45:00 PM	605700.000	70.670	16.814	159.192
38209.676	45291.000	30797.883	29.466	26.171
1.021				
4/19/2016 2:00:00 PM	606600.000	70.684	16.819	159.223
38199.598	45274.273	30786.506	29.454	26.178
1.021				
4/19/2016 2:15:00 PM	607500.000	70.685	16.805	159.226
38185.594	45271.797	30784.824	29.451	26.188
1.021				
4/19/2016 2:30:00 PM	608400.000	70.665	16.811	159.180
38180.840	45259.961	30776.775	29.443	26.191
1.021				
4/19/2016 2:45:00 PM	609300.000	70.658	16.807	159.165
38222.207	45313.324	30813.063	29.482	26.163
1.021				
4/19/2016 3:00:00 PM	610200.000	70.671	16.815	159.193
38200.695	45279.723	30790.213	29.458	26.178
1.021				
4/19/2016 3:15:00 PM	611100.000	70.657	16.813	159.162
38198.746	45279.031	30789.744	29.457	26.179
1.021				
4/19/2016 3:30:00 PM	612000.000	70.669	16.808	159.190
38176.801	45258.410	30775.721	29.442	26.194
1.021				
4/19/2016 3:45:00 PM	612900.000	70.652	16.811	159.150
38207.770	45291.789	30798.418	29.466	26.173
1.021				
4/19/2016 4:00:00 PM	613800.000	70.663	16.813	159.176
38178.996	45255.797	30773.943	29.440	26.192
1.021				
4/19/2016 4:15:00 PM	614700.000	70.663	16.809	159.175
38189.176	45271.906	30784.898	29.452	26.185
1.021				
4/19/2016 4:30:00 PM	615600.000	70.654	16.810	159.155
38202.105	45286.070	30794.529	29.462	26.177
1.021				
4/19/2016 4:45:00 PM	616500.000	70.639	16.806	159.122
38189.270	45274.887	30786.924	29.454	26.185
1.021				
4/19/2016 5:00:00 PM	617400.000	70.631	16.822	159.104
38205.809	45278.758	30789.557	29.457	26.174
1.021				
4/19/2016 5:15:00 PM	618300.000	70.640	16.824	159.123
38211.836	45283.203	30792.580	29.461	26.170
1.021				
4/19/2016 5:30:00 PM	619200.000	70.625	16.812	159.090
38198.527	45279.840	30790.293	29.458	26.179

1.021
4/19/2016 5:45:00 PM 620100.000 70.624 16.818 159.087
38199.012 45274.301 30786.527 29.454 26.179
1.021
4/19/2016 6:00:00 PM 621000.000 70.622 16.815 159.082
38188.234 45264.145 30779.621 29.447 26.186
1.021
4/19/2016 6:15:00 PM 621900.000 70.614 16.813 159.064
38201.898 45282.672 30792.219 29.460 26.177
1.021
4/19/2016 6:30:00 PM 622800.000 70.610 16.823 159.056
38202.855 45273.645 30786.080 29.454 26.176
1.021
4/19/2016 6:45:00 PM 623700.000 70.610 16.817 159.057
38239.410 45322.984 30819.629 29.489 26.151
1.021
4/19/2016 7:00:00 PM 624600.000 70.612 16.808 159.061
38198.508 45283.605 30792.852 29.460 26.179
1.021
4/19/2016 7:15:00 PM 625500.000 70.630 16.809 159.101
38183.082 45264.234 30779.680 29.446 26.190
1.021
4/19/2016 7:30:00 PM 626400.000 70.625 16.818 159.089
38213.465 45291.430 30798.174 29.466 26.169
1.021
4/19/2016 7:45:00 PM 627300.000 70.623 16.805 159.085
38194.477 45282.148 30791.863 29.459 26.182
1.021
4/19/2016 8:00:00 PM 628200.000 70.609 16.809 159.053
38195.117 45278.504 30789.385 29.457 26.181
1.021
4/19/2016 8:15:00 PM 629100.000 70.610 16.808 159.055
38205.070 45291.383 30798.141 29.466 26.175
1.021
4/19/2016 8:30:00 PM 630000.000 70.610 16.806 159.056
38196.813 45284.113 30793.199 29.460 26.180
1.021
4/19/2016 8:45:00 PM 630900.000 70.606 16.814 159.047
38182.832 45258.727 30775.934 29.443 26.190
1.021
4/19/2016 9:00:00 PM 631800.000 70.608 16.813 159.051
38226.512 45311.941 30812.123 29.481 26.160
1.021
4/19/2016 9:15:00 PM 632700.000 70.608 16.814 159.052
38209.258 45290.582 30797.598 29.466 26.172
1.021
4/19/2016 9:30:00 PM 633600.000 70.610 16.813 159.057
38185.516 45263.160 30778.949 29.446 26.188
1.021
4/19/2016 9:45:00 PM 634500.000 70.628 16.813 159.096
38217.270 45300.797 30804.545 29.473 26.166
1.021
4/19/2016 10:00:00 PM 635400.000 70.614 16.815 159.066
38214.293 45295.387 30800.865 29.469 26.168
1.021
4/19/2016 10:15:00 PM 636300.000 70.618 16.808 159.075

38185.836 45268.582 30782.639 29.449 26.188
1.021
4/19/2016 10:30:00 PM 637200.000 70.632 16.810 159.105
38197.316 45280.203 30790.541 29.458 26.180
1.021
4/19/2016 10:45:00 PM 638100.000 70.618 16.814 159.074
38216.207 45298.363 30802.889 29.471 26.167
1.021
4/19/2016 11:00:00 PM 639000.000 70.634 16.814 159.110
38184.180 45260.676 30777.262 29.444 26.189
1.021
4/19/2016 11:15:00 PM 639900.000 70.622 16.814 159.082
38232.289 45317.703 30816.039 29.485 26.156
1.021
4/19/2016 11:30:00 PM 640800.000 70.626 16.816 159.091
38204.984 45283.637 30792.875 29.461 26.175
1.021
4/19/2016 11:45:00 PM 641700.000 70.625 16.810 159.089
38164.824 45241.781 30764.414 29.430 26.202
1.021
4/20/2016 12:00:00 AM 642600.000 70.638 16.813 159.118
38223.824 45308.395 30809.709 29.478 26.162
1.021
4/20/2016 12:15:00 AM 643500.000 70.639 16.819 159.120
38188.500 45260.848 30777.379 29.444 26.186
1.021
4/20/2016 12:30:00 AM 644400.000 70.622 16.819 159.082
38192.016 45264.484 30779.852 29.447 26.183
1.021
4/20/2016 12:45:00 AM 645300.000 70.624 16.808 159.087
38182.813 45265.172 30780.316 29.447 26.190
1.021
4/20/2016 1:00:00 AM 646200.000 70.626 16.810 159.091
38202.816 45287.082 30795.217 29.463 26.176
1.021
4/20/2016 1:15:00 AM 647100.000 70.623 16.807 159.084
38195.676 45281.496 30791.420 29.459 26.181
1.021
4/20/2016 1:30:00 AM 648000.000 70.621 16.803 159.081
38180.691 45268.238 30782.404 29.449 26.191
1.021
4/20/2016 1:45:00 AM 648900.000 70.620 16.806 159.078
38198.016 45285.445 30794.105 29.461 26.179
1.021
4/20/2016 2:00:00 AM 649800.000 70.619 16.804 159.076
38175.098 45260.621 30777.223 29.443 26.195
1.021
4/20/2016 2:15:00 AM 650700.000 70.619 16.800 159.076
38198.629 45292.207 30798.703 29.466 26.179
1.021
4/20/2016 2:30:00 AM 651600.000 70.614 16.804 159.064
38208.809 45299.773 30803.846 29.472 26.172
1.021
4/20/2016 2:45:00 AM 652500.000 70.625 16.807 159.089
38174.988 45256.707 30774.563 29.441 26.195
1.021

4/20/2016 3:00:00 AM	653400.000	70.605	16.803	159.044
38156.199	45238.840	30762.412	29.428	26.208
1.021				
4/20/2016 3:15:00 AM	654300.000	70.601	16.818	159.036
38185.785	45258.531	30775.803	29.443	26.188
1.021				
4/20/2016 3:30:00 AM	655200.000	70.612	16.815	159.061
38197.355	45275.129	30787.090	29.454	26.180
1.021				
4/20/2016 3:45:00 AM	656100.000	70.591	16.809	159.014
38219.656	45308.043	30809.471	29.478	26.165
1.021				
4/20/2016 4:00:00 AM	657000.000	70.593	16.800	159.018
38192.145	45284.969	30793.781	29.461	26.183
1.021				
4/20/2016 4:15:00 AM	657900.000	70.584	16.808	158.996
38202.840	45288.738	30796.344	29.464	26.176
1.021				
4/20/2016 4:30:00 AM	658800.000	70.578	16.810	158.985
38191.996	45273.898	30786.254	29.453	26.183
1.021				
4/20/2016 4:45:00 AM	659700.000	70.589	16.810	159.009
38212.543	45298.176	30802.762	29.471	26.169
1.021				
4/20/2016 5:00:00 AM	660600.000	70.584	16.806	158.998
38199.938	45287.363	30795.410	29.463	26.178
1.021				
4/20/2016 5:15:00 AM	661500.000	70.568	16.806	158.962
38200.238	45288.449	30796.148	29.464	26.178
1.021				
4/20/2016 5:30:00 AM	662400.000	70.561	16.811	158.947
38184.043	45264.027	30779.541	29.446	26.189
1.021				
4/20/2016 5:45:00 AM	663300.000	70.558	16.810	158.938
38229.988	45318.855	30816.824	29.486	26.157
1.021				
4/20/2016 6:00:00 AM	664200.000	70.554	16.815	158.929
38180.832	45255.996	30774.080	29.441	26.191
1.021				
4/20/2016 6:15:00 AM	665100.000	70.551	16.805	158.922
38233.059	45328.164	30823.154	29.492	26.155
1.021				
4/20/2016 6:30:00 AM	666000.000	70.558	16.814	158.939
38140.438	45208.656	30741.889	29.406	26.219
1.021				
4/20/2016 6:45:00 AM	666900.000	70.543	16.817	158.904
38197.563	45273.387	30785.904	29.453	26.180
1.021				
4/20/2016 7:00:00 AM	667800.000	70.543	16.808	158.904
38186.668	45270.289	30783.799	29.451	26.187
1.021				
4/20/2016 7:15:00 AM	668700.000	70.535	16.812	158.886
38199.066	45280.934	30791.037	29.458	26.179
1.021				
4/20/2016 7:30:00 AM	669600.000	70.536	16.806	158.889
38194.547	45280.879	30791.000	29.458	26.182

1.021
4/20/2016 7:45:00 AM 670500.000 70.534 16.810 158.885
38173.543 45252.750 30771.873 29.438 26.196
1.021
4/20/2016 8:00:00 AM 671400.000 70.532 16.808 158.881
38176.254 45257.309 30774.973 29.441 26.194
1.021
4/20/2016 8:15:00 AM 672300.000 70.546 16.824 158.912
38207.508 45278.176 30789.162 29.457 26.173
1.021
4/20/2016 8:30:00 AM 673200.000 70.550 16.805 158.920
38169.664 45252.457 30771.674 29.438 26.199
1.021
4/20/2016 8:45:00 AM 674100.000 70.530 16.809 158.875
38198.199 45283.066 30792.488 29.460 26.179
1.021
4/20/2016 9:00:00 AM 675000.000 70.532 16.807 158.879
38206.082 45294.375 30800.176 29.468 26.174
1.021
4/20/2016 9:15:00 AM 675900.000 70.532 16.806 158.879
38182.762 45267.730 30782.059 29.449 26.190
1.021
4/20/2016 9:30:00 AM 676800.000 70.546 16.802 158.912
38146.336 45227.781 30754.893 29.419 26.215
1.021
4/20/2016 9:45:00 AM 677700.000 70.530 16.811 158.876
38172.434 45249.730 30769.816 29.436 26.197
1.021
4/20/2016 10:00:00 AM 678600.000 70.537 16.815 158.891
38189.570 45266.352 30781.121 29.448 26.185
1.021
4/20/2016 10:15:00 AM 679500.000 70.536 16.811 158.889
38190.773 45271.469 30784.602 29.452 26.184
1.021
4/20/2016 10:30:00 AM 680400.000 70.556 16.809 158.933
38196.379 45280.352 30790.641 29.458 26.180
1.021
4/20/2016 10:45:00 AM 681300.000 70.539 16.811 158.897
38199.105 45281.785 30791.615 29.459 26.179
1.021
4/20/2016 11:00:00 AM 682200.000 70.540 16.814 158.899
38199.559 45279.188 30789.848 29.457 26.178
1.021
4/20/2016 11:15:00 AM 683100.000 70.557 16.819 158.937
38211.551 45287.730 30795.658 29.464 26.170
1.021
4/20/2016 11:30:00 AM 684000.000 70.563 16.826 158.951
38202.105 45269.871 30783.514 29.451 26.177
1.021
4/20/2016 11:45:00 AM 684900.000 70.559 16.817 158.942
38208.074 45286.395 30794.750 29.463 26.172
1.021
4/20/2016 12:00:00 PM 685800.000 70.567 16.817 158.960
38216.414 45295.559 30800.982 29.469 26.167
1.021
4/20/2016 12:15:00 PM 686700.000 70.566 16.818 158.958

38193.746 45267.613 30781.979 29.449 26.182
1.021
4/20/2016 12:30:00 PM 687600.000 70.569 16.813 158.963
38171.164 45246.430 30767.574 29.434 26.198
1.021
4/20/2016 12:45:00 PM 688500.000 70.557 16.803 158.937
38198.605 45289.117 30796.600 29.464 26.179
1.021
4/20/2016 1:00:00 PM 689400.000 70.566 16.806 158.956
38182.621 45266.742 30781.385 29.448 26.190
1.021
4/20/2016 1:15:00 PM 690300.000 70.553 16.815 158.927
38194.145 45271.773 30784.807 29.452 26.182
1.021
4/20/2016 1:30:00 PM 691200.000 70.565 16.809 158.955
38204.742 45290.547 30797.572 29.465 26.175
1.021
4/20/2016 1:45:00 PM 692100.000 70.554 16.809 158.930
38207.828 45294.207 30800.063 29.468 26.173
1.021
4/20/2016 2:00:00 PM 693000.000 70.555 16.809 158.933
38173.246 45253.484 30772.371 29.438 26.196
1.021
4/20/2016 2:15:00 PM 693900.000 70.553 16.803 158.927
38157.984 45241.316 30764.098 29.429 26.207
1.021
4/20/2016 2:30:00 PM 694800.000 70.552 16.801 158.926
38179.699 45269.043 30782.951 29.449 26.192
1.021
4/20/2016 2:45:00 PM 695700.000 70.548 16.802 158.917
38188.605 45278.254 30789.215 29.456 26.186
1.021
4/20/2016 3:00:00 PM 696600.000 70.545 16.810 158.909
38203.746 45287.648 30795.604 29.463 26.175
1.021
4/20/2016 3:15:00 PM 697500.000 70.556 16.820 158.933
38214.852 45291.180 30798.004 29.466 26.168
1.021
4/20/2016 3:30:00 PM 698400.000 70.537 16.814 158.892
38173.629 45247.895 30768.570 29.435 26.196
1.021
4/20/2016 3:45:00 PM 699300.000 70.552 16.809 158.925
38183.258 45264.535 30779.887 29.446 26.189
1.021
4/20/2016 4:00:00 PM 700200.000 70.534 16.815 158.884
38186.313 45262.219 30778.311 29.445 26.187
1.021
4/20/2016 4:15:00 PM 701100.000 70.528 16.809 158.871
38184.500 45266.453 30781.189 29.448 26.189
1.021
4/20/2016 4:30:00 PM 702000.000 70.528 16.816 158.871
38197.012 45274.270 30786.504 29.454 26.180
1.021
4/20/2016 4:45:00 PM 702900.000 70.527 16.808 158.869
38182.473 45265.316 30780.418 29.447 26.190
1.021

4/20/2016 5:00:00 PM	703800.000	70.536	16.806	158.888
38186.254	45271.594	30784.686	29.451	26.187
1.021				
4/20/2016 5:15:00 PM	704700.000	70.519	16.808	158.852
38210.965	45298.809	30803.189	29.471	26.170
1.021				
4/20/2016 5:30:00 PM	705600.000	70.515	16.807	158.842
38185.859	45270.316	30783.816	29.451	26.188
1.021				
4/20/2016 5:45:00 PM	706500.000	70.509	16.813	158.828
38203.316	45284.258	30793.297	29.461	26.176
1.021				
4/20/2016 6:00:00 PM	707400.000	70.523	16.819	158.860
38207.305	45282.793	30792.301	29.460	26.173
1.021				
4/20/2016 6:15:00 PM	708300.000	70.513	16.817	158.838
38190.820	45265.582	30780.598	29.448	26.184
1.021				
4/20/2016 6:30:00 PM	709200.000	70.505	16.805	158.819
38201.805	45290.660	30797.648	29.465	26.177
1.021				
4/20/2016 6:45:00 PM	710100.000	70.506	16.817	158.821
38200.453	45277.184	30788.486	29.456	26.178
1.021				
4/20/2016 7:00:00 PM	711000.000	70.518	16.812	158.848
38184.098	45262.480	30778.488	29.445	26.189
1.021				
4/20/2016 7:15:00 PM	711900.000	70.505	16.812	158.818
38194.785	45275.680	30787.465	29.455	26.182
1.021				
4/20/2016 7:30:00 PM	712800.000	70.518	16.811	158.849
38203.121	45286.723	30794.973	29.463	26.176
1.021				
4/20/2016 7:45:00 PM	713700.000	70.498	16.812	158.805
38189.422	45269.047	30782.955	29.450	26.185
1.021				
4/20/2016 8:00:00 PM	714600.000	70.514	16.824	158.840
38217.922	45290.418	30797.484	29.466	26.166
1.021				
4/20/2016 8:15:00 PM	715500.000	70.515	16.819	158.842
38183.051	45254.125	30772.807	29.440	26.190
1.021				
4/20/2016 8:30:00 PM	716400.000	70.516	16.817	158.843
38201.945	45279.223	30789.873	29.458	26.177
1.021				
4/20/2016 8:45:00 PM	717300.000	70.502	16.817	158.813
38198.492	45274.582	30786.719	29.454	26.179
1.021				
4/20/2016 9:00:00 PM	718200.000	70.520	16.827	158.854
38231.449	45303.027	30806.061	29.475	26.156
1.021				
4/20/2016 9:15:00 PM	719100.000	70.518	16.808	158.848
38174.734	45256.141	30774.178	29.440	26.195
1.021				
4/20/2016 9:30:00 PM	720000.000	70.508	16.804	158.826
38186.762	45274.621	30786.742	29.453	26.187

1.021				
4/20/2016 9:45:00 PM	720900.000	70.508	16.808	158.825
38231.156	45322.746	30819.467	29.489	26.157
1.021				
4/20/2016 10:00:00 PM	721800.000	70.508	16.805	158.826
38212.426	45303.789	30806.578	29.475	26.169
1.021				
4/20/2016 10:15:00 PM	722700.000	70.511	16.809	158.832
38204.281	45289.816	30797.078	29.465	26.175
1.021				
4/20/2016 10:30:00 PM	723600.000	70.515	16.812	158.843
38178.734	45256.926	30774.709	29.441	26.193
1.021				
4/20/2016 10:45:00 PM	724500.000	70.516	16.815	158.845
38199.199	45277.219	30788.512	29.456	26.179
1.021				
4/20/2016 11:00:00 PM	725400.000	70.532	16.813	158.880
38180.996	45258.426	30775.732	29.442	26.191
1.021				
4/20/2016 11:15:00 PM	726300.000	70.517	16.814	158.846
38199.234	45279.156	30789.828	29.457	26.179
1.021				
4/20/2016 11:30:00 PM	727200.000	70.536	16.820	158.889
38212.762	45288.797	30796.385	29.465	26.169
1.021				
4/20/2016 11:45:00 PM	728100.000	70.536	16.818	158.889
38197.516	45272.355	30785.201	29.453	26.180
1.021				

Report Date: 4/22/2016 8:22:38 AM
Report User Name: KMakar
Report Computer Name: WKST46
Application: WinSitu.exe
Application Version: 5.6.25.0

Log File Properties:
File Name: MPWSP MW-9S LT Test_2016-04-21_14-03-25-318-BaroMerge.wsl
Create Date: 4/22/2016 8:12:46 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
4/22/2016 8:12:46 AM	User Note: "Pressure & Level adjusted by baro data from: "MPWSP BaroTroll Pre Test_Append_2016-04-21_18-56-38-301.wsl""

Log Data:
Record Count: 867
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: PCTD(A) 197.3ft

Sensor: PCTD(A) 197.3ft SN#: 428901	Sensor: PCTD(A) 197.3ft SN#: 428901	Sensor: Baro-Adj Calc SN#: 428901	SN#: 428901	SN#: 428901
SN#: 428901	SN#: 428901	SN#: 428901	SN#: 428901	SN#: 428901
SN#: 000000				
Date and Time	Elapsed Time Seconds	Corrected Pressure (PSI)	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)		
4/14/2016 12:00:00 AM	124200.000	26.356	16.964	60.074
4410.158	5209.801	2.830	3542.665	226.749
1.001	14.791			
4/14/2016 12:15:00 AM	125100.000	26.353	16.964	60.066
4408.782	5208.196	2.829	3541.574	226.820
1.001	14.795			
4/14/2016 12:30:00 AM	126000.000	26.350	16.963	60.059
4409.197	5208.728	2.829	3541.935	226.799
1.001	14.793			
4/14/2016 12:45:00 AM	126900.000	26.354	16.964	60.069
4409.078	5208.556	2.829	3541.818	226.805
1.001	14.791			
4/14/2016 1:00:00 AM	127800.000	26.352	16.964	60.065
4409.896	5209.543	2.830	3542.490	226.763
1.001	14.794			
4/14/2016 1:15:00 AM	128700.000	26.341	16.964	60.038
4409.613	5209.209	2.829	3542.262	226.777
1.001	14.803			
4/14/2016 1:30:00 AM	129600.000	26.356	16.964	60.073
4410.721	5210.436	2.830	3543.096	226.720
1.001	14.799			
4/14/2016 1:45:00 AM	130500.000	26.360	16.963	60.083
4410.421	5210.235	2.830	3542.960	226.736
1.001	14.796			
4/14/2016 2:00:00 AM	131400.000	26.349	16.963	60.058
4410.936	5210.802	2.830	3543.346	226.709
1.001	14.802			
4/14/2016 2:15:00 AM	132300.000	26.357	16.964	60.076
4410.662	5210.396	2.830	3543.070	226.723
1.001	14.792			
4/14/2016 2:30:00 AM	133200.000	26.347	16.963	60.052
4409.004	5208.521	2.829	3541.794	226.809
1.001	14.790			
4/14/2016 2:45:00 AM	134100.000	26.361	16.964	60.084
4408.964	5208.412	2.829	3541.720	226.811
1.001	14.787			
4/14/2016 3:00:00 AM	135000.000	26.356	16.964	60.073
4408.832	5208.286	2.829	3541.635	226.817
1.001	14.786			
4/14/2016 3:15:00 AM	135900.000	26.363	16.964	60.088
4408.338	5207.672	2.829	3541.218	226.843
1.001	14.785			
4/14/2016 3:30:00 AM	136800.000	26.360	16.964	60.083
4408.595	5207.913	2.829	3541.381	226.830
1.001	14.781			

4/14/2016 3:45:00 AM	137700.000	26.346	16.963	60.050
4408.743	5208.192	2.829	3541.571	226.822
1.001	14.782			
4/14/2016 4:00:00 AM	138600.000	26.343	16.963	60.044
4408.396	5207.790	2.829	3541.297	226.840
1.001	14.777			
4/14/2016 4:15:00 AM	139500.000	26.358	16.964	60.079
4408.109	5207.432	2.828	3541.053	226.855
1.001	14.774			
4/14/2016 4:30:00 AM	140400.000	26.350	16.963	60.059
4409.604	5209.218	2.829	3542.268	226.778
1.001	14.772			
4/14/2016 4:45:00 AM	141300.000	26.361	16.963	60.085
4409.039	5208.550	2.829	3541.814	226.807
1.001	14.767			
4/14/2016 5:00:00 AM	142200.000	26.364	16.964	60.091
4409.904	5209.542	2.830	3542.488	226.762
1.001	14.766			
4/14/2016 5:15:00 AM	143100.000	26.365	16.964	60.094
4409.965	5209.594	2.830	3542.524	226.759
1.001	14.765			
4/14/2016 5:30:00 AM	144000.000	26.351	16.964	60.063
4410.521	5210.281	2.830	3542.991	226.731
1.001	14.773			
4/14/2016 5:45:00 AM	144900.000	26.357	16.964	60.076
4410.841	5210.648	2.830	3543.241	226.714
1.001	14.764			
4/14/2016 6:00:00 AM	145800.000	26.358	16.964	60.077
4411.538	5211.431	2.831	3543.773	226.678
1.001	14.769			
4/14/2016 6:15:00 AM	146700.000	26.357	16.964	60.075
4411.438	5211.353	2.831	3543.720	226.683
1.001	14.770			
4/14/2016 6:30:00 AM	147600.000	26.363	16.963	60.089
4412.601	5212.749	2.831	3544.669	226.624
1.001	14.766			
4/14/2016 6:45:00 AM	148500.000	26.342	16.963	60.041
4411.761	5211.829	2.831	3544.043	226.667
1.001	14.784			
4/14/2016 7:00:00 AM	149400.000	26.351	16.964	60.062
4412.357	5212.377	2.831	3544.417	226.636
1.001	14.783			
4/14/2016 7:15:00 AM	150300.000	26.360	16.964	60.082
4412.244	5212.212	2.831	3544.304	226.642
1.001	14.780			
4/14/2016 7:30:00 AM	151200.000	26.330	16.964	60.013
4411.680	5211.599	2.831	3543.888	226.671
1.001	14.793			
4/14/2016 7:45:00 AM	152100.000	26.351	16.964	60.061
4412.116	5212.062	2.831	3544.202	226.649
1.001	14.788			
4/14/2016 8:00:00 AM	153000.000	26.351	16.963	60.062
4411.264	5211.179	2.831	3543.602	226.692
1.001	14.793			
4/14/2016 8:15:00 AM	153900.000	26.339	16.964	60.035
4410.733	5210.490	2.830	3543.134	226.720

1.001 14.803
4/14/2016 8:30:00 AM 154800.000 26.343 16.965 60.044
4409.592 5209.008 2.829 3542.125 226.778
1.001 14.801
4/14/2016 8:45:00 AM 155700.000 26.333 16.964 60.021
4408.579 5207.976 2.829 3541.424 226.830
1.001 14.807
4/14/2016 9:00:00 AM 156600.000 26.353 16.964 60.066
4407.487 5206.677 2.828 3540.541 226.887
1.001 14.799
4/14/2016 9:15:00 AM 157500.000 26.346 16.964 60.052
4407.252 5206.357 2.828 3540.323 226.899
1.001 14.802
4/14/2016 9:30:00 AM 158400.000 26.349 16.964 60.058
4405.988 5204.915 2.827 3539.342 226.964
1.001 14.804
4/14/2016 9:45:00 AM 159300.000 26.349 16.964 60.057
4405.823 5204.689 2.827 3539.189 226.972
1.001 14.804
4/14/2016 10:00:00 AM 160200.000 26.342 16.964 60.041
4405.285 5204.044 2.826 3538.750 227.000
1.001 14.808
4/14/2016 10:15:00 AM 161100.000 26.345 16.964 60.048
4405.002 5203.700 2.826 3538.516 227.015
1.001 14.803
4/14/2016 10:30:00 AM 162000.000 26.342 16.964 60.042
4405.480 5204.245 2.827 3538.887 226.990
1.001 14.803
4/14/2016 10:45:00 AM 162900.000 26.338 16.964 60.033
4404.967 5203.659 2.826 3538.488 227.016
1.001 14.809
4/14/2016 11:00:00 AM 163800.000 26.344 16.963 60.045
4404.759 5203.485 2.826 3538.370 227.027
1.001 14.810
4/14/2016 11:15:00 AM 164700.000 26.336 16.965 60.029
4405.792 5204.570 2.827 3539.108 226.974
1.001 14.810
4/14/2016 11:30:00 AM 165600.000 26.331 16.965 60.015
4405.850 5204.609 2.827 3539.134 226.971
1.001 14.819
4/14/2016 11:45:00 AM 166500.000 26.345 16.965 60.049
4406.000 5204.735 2.827 3539.220 226.963
1.001 14.811
4/14/2016 12:00:00 PM 167400.000 26.343 16.965 60.044
4406.054 5204.829 2.827 3539.283 226.960
1.001 14.811
4/14/2016 12:15:00 PM 168300.000 26.349 16.964 60.057
4406.417 5205.352 2.827 3539.639 226.942
1.001 14.807
4/14/2016 12:30:00 PM 169200.000 26.353 16.964 60.066
4405.527 5204.269 2.827 3538.903 226.988
1.001 14.808
4/14/2016 12:45:00 PM 170100.000 26.354 16.965 60.068
4406.352 5205.232 2.827 3539.558 226.945
1.001 14.804
4/14/2016 1:00:00 PM 171000.000 26.333 16.964 60.020

4405.895	5204.712	2.827	3539.204	226.969	
1.001	14.813				
4/14/2016 1:15:00 PM	171900.000	26.341	16.965	60.040	
4406.118	5204.885	2.827	3539.322	226.957	
1.001	14.806				
4/14/2016 1:30:00 PM	172800.000	26.345	16.965	60.047	
4405.715	5204.470	2.827	3539.040	226.978	
1.001	14.805				
4/14/2016 1:45:00 PM	173700.000	26.351	16.965	60.063	
4405.872	5204.613	2.827	3539.137	226.970	
1.001	14.799				
4/14/2016 2:00:00 PM	174600.000	26.348	16.965	60.055	
4406.552	5205.417	2.827	3539.684	226.935	
1.001	14.796				
4/14/2016 2:15:00 PM	175500.000	26.361	16.964	60.085	
4406.990	5206.016	2.828	3540.091	226.912	
1.001	14.792				
4/14/2016 2:30:00 PM	176400.000	26.334	16.964	60.023	
4407.419	5206.513	2.828	3540.429	226.890	
1.001	14.806				
4/14/2016 2:45:00 PM	177300.000	26.344	16.964	60.045	
4407.572	5206.715	2.828	3540.567	226.882	
1.001	14.794				
4/14/2016 3:00:00 PM	178200.000	26.340	16.964	60.037	
4407.432	5206.538	2.828	3540.446	226.890	
1.001	14.802				
4/14/2016 3:15:00 PM	179100.000	26.344	16.964	60.045	
4407.579	5206.712	2.828	3540.564	226.882	
1.001	14.794				
4/14/2016 3:30:00 PM	180000.000	26.336	16.965	60.027	
4407.954	5207.125	2.828	3540.845	226.863	
1.001	14.793				
4/14/2016 3:45:00 PM	180900.000	26.343	16.965	60.044	
4410.426	5209.994	2.830	3542.796	226.735	
1.001	14.793				
4/14/2016 4:00:00 PM	181800.000	26.342	16.966	60.042	
4409.497	5208.763	2.829	3541.959	226.783	
1.001	14.791				
4/14/2016 4:15:00 PM	182700.000	26.346	16.963	60.051	
4409.897	5209.555	2.830	3542.497	226.763	
1.001	14.789				
4/14/2016 4:30:00 PM	183600.000	26.339	16.963	60.034	
4409.631	5209.281	2.829	3542.312	226.776	
1.001	14.786				
4/14/2016 4:45:00 PM	184500.000	26.344	16.963	60.046	
4409.503	5209.089	2.829	3542.181	226.783	
1.001	14.783				
4/14/2016 5:00:00 PM	185400.000	26.359	16.963	60.079	
4409.808	5209.490	2.830	3542.454	226.767	
1.001	14.777				
4/14/2016 5:15:00 PM	186300.000	26.348	16.963	60.056	
4409.967	5209.638	2.830	3542.554	226.759	
1.001	14.781				
4/14/2016 5:30:00 PM	187200.000	26.333	16.963	60.021	
4410.015	5209.714	2.830	3542.606	226.757	
1.001	14.785				

4/14/2016 5:45:00 PM	188100.000	26.343	16.963	60.043
4410.782	5210.650	2.830	3543.242	226.717
1.001	14.785			
4/14/2016 6:00:00 PM	189000.000	26.356	16.963	60.074
4410.946	5210.886	2.830	3543.403	226.709
1.001	14.784			
4/14/2016 6:15:00 PM	189900.000	26.332	16.963	60.020
4411.580	5211.573	2.831	3543.870	226.676
1.001	14.786			
4/14/2016 6:30:00 PM	190800.000	26.352	16.963	60.064
4411.529	5211.492	2.831	3543.815	226.679
1.001	14.782			
4/14/2016 6:45:00 PM	191700.000	26.348	16.963	60.055
4411.356	5211.299	2.831	3543.684	226.688
1.001	14.787			
4/14/2016 7:00:00 PM	192600.000	26.341	16.963	60.040
4411.958	5212.070	2.831	3544.208	226.657
1.001	14.785			
4/14/2016 7:15:00 PM	193500.000	26.347	16.964	60.053
4411.559	5211.487	2.831	3543.811	226.677
1.001	14.783			
4/14/2016 7:30:00 PM	194400.000	26.342	16.964	60.042
4411.494	5211.431	2.831	3543.773	226.681
1.001	14.781			
4/14/2016 7:45:00 PM	195300.000	26.345	16.964	60.049
4411.325	5211.201	2.831	3543.616	226.689
1.001	14.785			
4/14/2016 8:00:00 PM	196200.000	26.350	16.964	60.059
4411.208	5211.082	2.831	3543.536	226.695
1.001	14.791			
4/14/2016 8:15:00 PM	197100.000	26.336	16.964	60.028
4411.217	5211.042	2.831	3543.509	226.695
1.001	14.792			
4/14/2016 8:30:00 PM	198000.000	26.332	16.963	60.019
4411.753	5211.840	2.831	3544.051	226.667
1.001	14.788			
4/14/2016 8:45:00 PM	198900.000	26.345	16.964	60.047
4411.334	5211.191	2.831	3543.610	226.689
1.001	14.788			
4/14/2016 9:00:00 PM	199800.000	26.348	16.963	60.055
4410.896	5210.735	2.830	3543.300	226.711
1.001	14.795			
4/14/2016 9:15:00 PM	200700.000	26.342	16.964	60.041
4410.482	5210.236	2.830	3542.961	226.733
1.001	14.794			
4/14/2016 9:30:00 PM	201600.000	26.334	16.964	60.024
4410.944	5210.708	2.830	3543.281	226.709
1.001	14.797			
4/14/2016 9:45:00 PM	202500.000	26.341	16.963	60.039
4410.502	5210.270	2.830	3542.984	226.732
1.001	14.804			
4/14/2016 10:00:00 PM	203400.000	26.336	16.963	60.027
4410.774	5210.621	2.830	3543.223	226.718
1.001	14.810			
4/14/2016 10:15:00 PM	204300.000	26.345	16.964	60.047
4409.531	5209.071	2.829	3542.168	226.781

1.001 14.804
4/14/2016 10:30:00 PM 205200.000 26.343 16.964 60.044
4410.348 5210.003 2.830 3542.802 226.740
1.001 14.805
4/14/2016 10:45:00 PM 206100.000 26.338 16.963 60.033
4408.160 5207.511 2.828 3541.108 226.852
1.001 14.799
4/14/2016 11:00:00 PM 207000.000 26.336 16.963 60.029
4408.370 5207.832 2.829 3541.326 226.841
1.001 14.802
4/14/2016 11:15:00 PM 207900.000 26.347 16.964 60.052
4407.768 5206.947 2.828 3540.724 226.872
1.001 14.802
4/14/2016 11:30:00 PM 208800.000 26.346 16.963 60.050
4407.262 5206.514 2.828 3540.430 226.898
1.001 14.793
4/14/2016 11:45:00 PM 209700.000 26.344 16.964 60.046
4406.998 5206.099 2.828 3540.147 226.912
1.001 14.797
4/15/2016 12:00:00 AM 210600.000 26.343 16.964 60.044
4406.526 5205.563 2.827 3539.782 226.936
1.001 14.799
4/15/2016 12:15:00 AM 211500.000 26.331 16.964 60.017
4408.207 5207.474 2.828 3541.083 226.850
1.001 14.795
4/15/2016 12:30:00 AM 212400.000 26.344 16.964 60.047
4407.402 5206.515 2.828 3540.431 226.891
1.001 14.791
4/15/2016 12:45:00 AM 213300.000 26.350 16.964 60.060
4408.333 5207.646 2.829 3541.199 226.843
1.001 14.799
4/15/2016 1:00:00 AM 214200.000 26.353 16.964 60.066
4407.658 5206.868 2.828 3540.671 226.878
1.001 14.798
4/15/2016 1:15:00 AM 215100.000 26.328 16.964 60.010
4407.601 5206.811 2.828 3540.632 226.881
1.001 14.804
4/15/2016 1:30:00 AM 216000.000 26.346 16.963 60.052
4408.067 5207.485 2.828 3541.090 226.857
1.001 14.802
4/15/2016 1:45:00 AM 216900.000 26.341 16.964 60.039
4408.730 5208.166 2.829 3541.553 226.823
1.001 14.799
4/15/2016 2:00:00 AM 217800.000 26.349 16.963 60.058
4408.396 5207.811 2.829 3541.312 226.840
1.001 14.794
4/15/2016 2:15:00 AM 218700.000 26.345 16.962 60.048
4407.838 5207.235 2.828 3540.920 226.869
1.001 14.792
4/15/2016 2:30:00 AM 219600.000 26.345 16.964 60.049
4408.073 5207.338 2.828 3540.990 226.857
1.001 14.789
4/15/2016 2:45:00 AM 220500.000 26.351 16.964 60.062
4408.528 5207.896 2.829 3541.370 226.833
1.001 14.786
4/15/2016 3:00:00 AM 221400.000 26.350 16.964 60.059

4407.918	5207.207	2.828	3540.901	226.864	1.001	14.786			
4/15/2016 3:15:00 AM	222300.000	26.349	16.963	60.057	4408.755	5208.235	2.829	3541.600	226.821
1.001	14.789								
4/15/2016 3:30:00 AM	223200.000	26.351	16.962	60.062	4409.711	5209.458	2.830	3542.431	226.772
1.001	14.785								
4/15/2016 3:45:00 AM	224100.000	26.354	16.963	60.069	4408.578	5207.997	2.829	3541.438	226.831
1.001	14.779								
4/15/2016 4:00:00 AM	225000.000	26.353	16.963	60.066	4409.536	5209.200	2.829	3542.256	226.781
1.001	14.783								
4/15/2016 4:15:00 AM	225900.000	26.355	16.964	60.072	4410.033	5209.684	2.830	3542.585	226.756
1.001	14.783								
4/15/2016 4:30:00 AM	226800.000	26.348	16.963	60.054	4409.774	5209.418	2.830	3542.404	226.769
1.001	14.789								
4/15/2016 4:45:00 AM	227700.000	26.351	16.964	60.062	4410.905	5210.653	2.830	3543.245	226.711
1.001	14.783								
4/15/2016 5:00:00 AM	228600.000	26.347	16.963	60.052	4411.041	5210.906	2.830	3543.416	226.704
1.001	14.785								
4/15/2016 5:15:00 AM	229500.000	26.356	16.963	60.074	4410.698	5210.542	2.830	3543.169	226.721
1.001	14.787								
4/15/2016 5:30:00 AM	230400.000	26.332	16.964	60.018	4410.318	5209.960	2.830	3542.773	226.741
1.001	14.787								
4/15/2016 5:45:00 AM	231300.000	26.338	16.963	60.033	4411.085	5210.979	2.830	3543.466	226.702
1.001	14.788								
4/15/2016 6:00:00 AM	232200.000	26.349	16.963	60.057	4411.555	5211.585	2.831	3543.878	226.677
1.001	14.789								
4/15/2016 6:15:00 AM	233100.000	26.344	16.963	60.045	4410.447	5210.266	2.830	3542.981	226.734
1.001	14.790								
4/15/2016 6:30:00 AM	234000.000	26.349	16.963	60.056	4411.089	5211.013	2.830	3543.489	226.701
1.001	14.786								
4/15/2016 6:45:00 AM	234900.000	26.344	16.963	60.047	4410.579	5210.410	2.830	3543.079	226.728
1.001	14.789								
4/15/2016 7:00:00 AM	235800.000	26.342	16.964	60.042	4410.230	5209.856	2.830	3542.703	226.746
1.001	14.791								
4/15/2016 7:15:00 AM	236700.000	26.332	16.964	60.019	4410.448	5210.174	2.830	3542.919	226.734
1.001	14.794								
4/15/2016 7:30:00 AM	237600.000	26.344	16.963	60.046	4409.515	5209.206	2.829	3542.260	226.782
1.001	14.797								

4/15/2016 7:45:00 AM 238500.000 26.343 16.964 60.044
4409.936 5209.569 2.830 3542.507 226.761
1.001 14.800
4/15/2016 8:00:00 AM 239400.000 26.324 16.963 60.000
4409.603 5209.257 2.829 3542.295 226.778
1.001 14.801
4/15/2016 8:15:00 AM 240300.000 26.329 16.964 60.012
4409.329 5208.862 2.829 3542.026 226.792
1.001 14.800
4/15/2016 8:30:00 AM 241200.000 26.347 16.964 60.054
4408.976 5208.425 2.829 3541.729 226.810
1.001 14.798
4/15/2016 8:45:00 AM 242100.000 26.347 16.963 60.054
4408.592 5208.105 2.829 3541.512 226.830
1.001 14.797
4/15/2016 9:00:00 AM 243000.000 26.333 16.963 60.020
4408.483 5207.935 2.829 3541.396 226.835
1.001 14.792
4/15/2016 9:15:00 AM 243900.000 26.341 16.964 60.039
4408.665 5208.077 2.829 3541.493 226.826
1.001 14.798
4/15/2016 9:30:00 AM 244800.000 26.341 16.963 60.039
4407.749 5207.038 2.828 3540.786 226.873
1.001 14.794
4/15/2016 9:45:00 AM 245700.000 26.336 16.964 60.028
4407.970 5207.206 2.828 3540.900 226.862
1.001 14.795
4/15/2016 10:00:00 AM 246600.000 26.343 16.963 60.044
4407.672 5206.998 2.828 3540.759 226.877
1.001 14.794
4/15/2016 10:15:00 AM 247500.000 26.338 16.963 60.032
4407.242 5206.521 2.828 3540.435 226.899
1.001 14.800
4/15/2016 10:30:00 AM 248400.000 26.325 16.963 60.002
4408.120 5207.505 2.828 3541.104 226.854
1.001 14.799
4/15/2016 10:45:00 AM 249300.000 26.345 16.963 60.048
4407.875 5207.217 2.828 3540.908 226.867
1.001 14.796
4/15/2016 11:00:00 AM 250200.000 26.327 16.964 60.008
4407.286 5206.418 2.828 3540.365 226.897
1.001 14.807
4/15/2016 11:15:00 AM 251100.000 26.346 16.963 60.051
4407.628 5206.904 2.828 3540.695 226.879
1.001 14.799
4/15/2016 11:30:00 AM 252000.000 26.337 16.963 60.030
4408.212 5207.636 2.829 3541.193 226.849
1.001 14.794
4/15/2016 11:45:00 AM 252900.000 26.342 16.963 60.043
4407.416 5206.673 2.828 3540.538 226.890
1.001 14.796
4/15/2016 12:00:00 PM 253800.000 26.342 16.964 60.041
4407.887 5207.159 2.828 3540.868 226.866
1.001 14.792
4/15/2016 12:15:00 PM 254700.000 26.344 16.964 60.046
4407.291 5206.455 2.828 3540.389 226.897

1.001 14.793
4/15/2016 12:30:00 PM 255600.000 26.341 16.964 60.039
4407.248 5206.341 2.828 3540.312 226.899
1.001 14.792
4/15/2016 12:45:00 PM 256500.000 26.344 16.963 60.046
4406.817 5205.988 2.828 3540.072 226.921
1.001 14.791
4/15/2016 1:00:00 PM 257400.000 26.342 16.964 60.042
4408.014 5207.278 2.828 3540.949 226.860
1.001 14.790
4/15/2016 1:15:00 PM 258300.000 26.346 16.963 60.051
4407.780 5207.135 2.828 3540.852 226.872
1.001 14.785
4/15/2016 1:30:00 PM 259200.000 26.346 16.964 60.051
4407.727 5206.929 2.828 3540.712 226.874
1.001 14.784
4/15/2016 1:45:00 PM 260100.000 26.347 16.964 60.052
4407.928 5207.136 2.828 3540.853 226.864
1.001 14.786
4/15/2016 2:00:00 PM 261000.000 26.330 16.964 60.015
4409.148 5208.638 2.829 3541.874 226.801
1.001 14.785
4/15/2016 2:15:00 PM 261900.000 26.340 16.963 60.036
4409.504 5209.131 2.829 3542.210 226.783
1.001 14.778
4/15/2016 2:30:00 PM 262800.000 26.344 16.963 60.046
4409.380 5209.025 2.829 3542.137 226.789
1.001 14.781
4/15/2016 2:45:00 PM 263700.000 26.342 16.964 60.042
4409.045 5208.538 2.829 3541.806 226.806
1.001 14.777
4/15/2016 3:00:00 PM 264600.000 26.344 16.963 60.047
4409.592 5209.224 2.829 3542.272 226.778
1.001 14.772
4/15/2016 3:15:00 PM 265500.000 26.331 16.964 60.015
4408.748 5208.166 2.829 3541.552 226.822
1.001 14.781
4/15/2016 3:30:00 PM 266400.000 26.338 16.963 60.033
4410.183 5209.901 2.830 3542.733 226.748
1.001 14.774
4/15/2016 3:45:00 PM 267300.000 26.345 16.963 60.049
4410.425 5210.179 2.830 3542.922 226.736
1.001 14.769
4/15/2016 4:00:00 PM 268200.000 26.338 16.963 60.033
4411.028 5210.891 2.830 3543.406 226.705
1.001 14.767
4/15/2016 4:15:00 PM 269100.000 26.344 16.963 60.047
4410.224 5210.043 2.830 3542.830 226.746
1.001 14.766
4/15/2016 4:30:00 PM 270000.000 26.346 16.962 60.051
4410.833 5210.783 2.830 3543.332 226.715
1.001 14.759
4/15/2016 4:45:00 PM 270900.000 26.345 16.963 60.048
4410.981 5210.835 2.830 3543.368 226.707
1.001 14.756
4/15/2016 5:00:00 PM 271800.000 26.347 16.963 60.054

4410.771	5210.680	2.830	3543.262	226.718	
1.001	14.757				
4/15/2016 5:15:00 PM	272700.000	26.350	16.963	60.061	
4412.263	5212.432	2.831	3544.454	226.641	
1.001	14.754				
4/15/2016 5:30:00 PM	273600.000	26.343	16.963	60.044	
4412.612	5212.834	2.832	3544.728	226.623	
1.001	14.758				
4/15/2016 5:45:00 PM	274500.000	26.354	16.964	60.070	
4411.668	5211.574	2.831	3543.871	226.672	
1.001	14.754				
4/15/2016 6:00:00 PM	275400.000	26.342	16.962	60.042	
4412.627	5212.894	2.832	3544.768	226.622	
1.001	14.754				
4/15/2016 6:15:00 PM	276300.000	26.347	16.963	60.054	
4413.483	5213.863	2.832	3545.427	226.578	
1.001	14.757				
4/15/2016 6:30:00 PM	277200.000	26.340	16.963	60.037	
4413.255	5213.521	2.832	3545.195	226.590	
1.001	14.758				
4/15/2016 6:45:00 PM	278100.000	26.346	16.963	60.051	
4412.635	5212.851	2.832	3544.739	226.622	
1.001	14.756				
4/15/2016 7:00:00 PM	279000.000	26.338	16.963	60.031	
4413.197	5213.534	2.832	3545.203	226.593	
1.001	14.753				
4/15/2016 7:15:00 PM	279900.000	26.341	16.963	60.040	
4412.665	5212.917	2.832	3544.783	226.620	
1.001	14.753				
4/15/2016 7:30:00 PM	280800.000	26.346	16.963	60.051	
4413.324	5213.675	2.832	3545.300	226.587	
1.001	14.750				
4/15/2016 7:45:00 PM	281700.000	26.345	16.963	60.048	
4412.191	5212.294	2.831	3544.361	226.645	
1.001	14.760				
4/15/2016 8:00:00 PM	282600.000	26.345	16.964	60.049	
4413.867	5214.192	2.832	3545.651	226.559	
1.001	14.763				
4/15/2016 8:15:00 PM	283500.000	26.343	16.963	60.043	
4413.019	5213.315	2.832	3545.054	226.602	
1.001	14.765				
4/15/2016 8:30:00 PM	284400.000	26.336	16.963	60.027	
4413.505	5213.847	2.832	3545.416	226.577	
1.001	14.772				
4/15/2016 8:45:00 PM	285300.000	26.338	16.963	60.033	
4413.685	5214.050	2.832	3545.554	226.568	
1.001	14.769				
4/15/2016 9:00:00 PM	286200.000	26.337	16.964	60.030	
4413.342	5213.603	2.832	3545.250	226.586	
1.001	14.771				
4/15/2016 9:15:00 PM	287100.000	26.339	16.964	60.035	
4413.271	5213.520	2.832	3545.193	226.589	
1.001	14.779				
4/15/2016 9:30:00 PM	288000.000	26.335	16.963	60.026	
4412.587	5212.774	2.832	3544.687	226.624	
1.001	14.777				

4/15/2016 9:45:00 PM 288900.000 26.333 16.963 60.021
4412.158 5212.246 2.831 3544.327 226.646
1.001 14.785
4/15/2016 10:00:00 PM 289800.000 26.337 16.964 60.030
4410.994 5210.819 2.830 3543.357 226.706
1.001 14.785
4/15/2016 10:15:00 PM 290700.000 26.347 16.964 60.053
4410.763 5210.536 2.830 3543.165 226.718
1.001 14.779
4/15/2016 10:30:00 PM 291600.000 26.334 16.964 60.024
4408.812 5208.251 2.829 3541.611 226.818
1.001 14.778
4/15/2016 10:45:00 PM 292500.000 26.326 16.963 60.005
4409.186 5208.765 2.829 3541.961 226.799
1.001 14.782
4/15/2016 11:00:00 PM 293400.000 26.341 16.964 60.039
4408.249 5207.515 2.828 3541.111 226.847
1.001 14.779
4/15/2016 11:15:00 PM 294300.000 26.338 16.963 60.032
4408.583 5208.002 2.829 3541.442 226.830
1.001 14.780
4/15/2016 11:30:00 PM 295200.000 26.345 16.963 60.049
4406.952 5206.117 2.828 3540.160 226.914
1.001 14.776
4/15/2016 11:45:00 PM 296100.000 26.336 16.964 60.027
4406.913 5206.008 2.828 3540.086 226.916
1.001 14.778
4/16/2016 12:00:00 AM 297000.000 26.346 16.963 60.050
4406.997 5206.158 2.828 3540.188 226.912
1.001 14.776
4/16/2016 12:15:00 AM 297900.000 26.349 16.963 60.058
4407.256 5206.435 2.828 3540.376 226.899
1.001 14.777
4/16/2016 12:30:00 AM 298800.000 26.340 16.963 60.036
4407.716 5207.028 2.828 3540.779 226.875
1.001 14.778
4/16/2016 12:45:00 AM 299700.000 26.344 16.963 60.045
4407.564 5206.860 2.828 3540.665 226.883
1.001 14.775
4/16/2016 1:00:00 AM 300600.000 26.353 16.963 60.067
4407.458 5206.735 2.828 3540.580 226.888
1.001 14.773
4/16/2016 1:15:00 AM 301500.000 26.337 16.964 60.029
4407.405 5206.589 2.828 3540.481 226.891
1.001 14.782
4/16/2016 1:30:00 AM 302400.000 26.328 16.963 60.009
4408.189 5207.538 2.828 3541.126 226.851
1.001 14.778
4/16/2016 1:45:00 AM 303300.000 26.334 16.963 60.024
4408.878 5208.402 2.829 3541.713 226.815
1.001 14.781
4/16/2016 2:00:00 AM 304200.000 26.330 16.963 60.015
4408.178 5207.533 2.828 3541.123 226.851
1.001 14.775
4/16/2016 2:15:00 AM 305100.000 26.343 16.963 60.043
4409.435 5209.081 2.829 3542.175 226.786

1.001 14.773
4/16/2016 2:30:00 AM 306000.000 26.343 16.963 60.044
4409.628 5209.298 2.829 3542.323 226.777
1.001 14.775
4/16/2016 2:45:00 AM 306900.000 26.327 16.963 60.007
4409.235 5208.823 2.829 3542.000 226.797
1.001 14.772
4/16/2016 3:00:00 AM 307800.000 26.344 16.963 60.046
4408.756 5208.310 2.829 3541.651 226.821
1.001 14.764
4/16/2016 3:15:00 AM 308700.000 26.340 16.963 60.037
4409.773 5209.429 2.830 3542.412 226.769
1.001 14.765
4/16/2016 3:30:00 AM 309600.000 26.353 16.962 60.066
4409.295 5208.957 2.829 3542.091 226.794
1.001 14.762
4/16/2016 3:45:00 AM 310500.000 26.341 16.963 60.040
4409.776 5209.515 2.830 3542.470 226.769
1.001 14.761
4/16/2016 4:00:00 AM 311400.000 26.348 16.963 60.056
4409.466 5209.138 2.829 3542.214 226.785
1.001 14.755
4/16/2016 4:15:00 AM 312300.000 26.345 16.962 60.049
4410.533 5210.448 2.830 3543.105 226.730
1.001 14.760
4/16/2016 4:30:00 AM 313200.000 26.353 16.962 60.066
4410.985 5210.962 2.830 3543.454 226.707
1.001 14.762
4/16/2016 4:45:00 AM 314100.000 26.344 16.963 60.047
4411.347 5211.309 2.831 3543.690 226.688
1.001 14.764
4/16/2016 5:00:00 AM 315000.000 26.338 16.962 60.031
4410.910 5210.905 2.830 3543.416 226.711
1.001 14.768
4/16/2016 5:15:00 AM 315900.000 26.344 16.963 60.045
4412.120 5212.273 2.831 3544.346 226.648
1.001 14.764
4/16/2016 5:30:00 AM 316800.000 26.337 16.963 60.031
4412.708 5212.916 2.832 3544.783 226.618
1.001 14.764
4/16/2016 5:45:00 AM 317700.000 26.337 16.963 60.030
4412.146 5212.261 2.831 3544.338 226.647
1.001 14.767
4/16/2016 6:00:00 AM 318600.000 26.342 16.963 60.042
4412.769 5213.019 2.832 3544.853 226.615
1.001 14.763
4/16/2016 6:15:00 AM 319500.000 26.333 16.963 60.021
4413.093 5213.392 2.832 3545.107 226.598
1.001 14.769
4/16/2016 6:30:00 AM 320400.000 26.333 16.963 60.021
4411.863 5211.927 2.831 3544.111 226.662
1.001 14.768
4/16/2016 6:45:00 AM 321300.000 26.347 16.963 60.052
4411.875 5211.994 2.831 3544.156 226.661
1.001 14.763
4/16/2016 7:00:00 AM 322200.000 26.344 16.963 60.046

4411.614 5211.604 2.831 3543.891 226.674
1.001 14.766
4/16/2016 7:15:00 AM 323100.000 26.344 16.962 60.047
4411.651 5211.740 2.831 3543.983 226.672
1.001 14.768
4/16/2016 7:30:00 AM 324000.000 26.330 16.964 60.013
4412.142 5212.166 2.831 3544.273 226.647
1.001 14.779
4/16/2016 7:45:00 AM 324900.000 26.339 16.963 60.034
4411.148 5211.033 2.830 3543.502 226.698
1.001 14.772
4/16/2016 8:00:00 AM 325800.000 26.339 16.963 60.034
4412.111 5212.179 2.831 3544.282 226.649
1.001 14.772
4/16/2016 8:15:00 AM 326700.000 26.341 16.964 60.038
4411.125 5210.984 2.830 3543.470 226.700
1.001 14.776
4/16/2016 8:30:00 AM 327600.000 26.335 16.963 60.026
4410.803 5210.686 2.830 3543.266 226.716
1.001 14.777
4/16/2016 8:45:00 AM 328500.000 26.336 16.964 60.027
4410.784 5210.592 2.830 3543.203 226.717
1.001 14.781
4/16/2016 9:00:00 AM 329400.000 26.337 16.964 60.031
4411.078 5210.939 2.830 3543.439 226.702
1.001 14.777
4/16/2016 9:15:00 AM 330300.000 26.337 16.963 60.030
4410.883 5210.791 2.830 3543.338 226.712
1.001 14.775
4/16/2016 9:30:00 AM 331200.000 26.341 16.963 60.040
4409.467 5209.047 2.829 3542.152 226.785
1.001 14.765
4/16/2016 9:45:00 AM 332100.000 26.342 16.963 60.043
4409.652 5209.337 2.830 3542.350 226.775
1.001 14.772
4/16/2016 10:00:00 AM 333000.000 26.337 16.964 60.031
4409.255 5208.786 2.829 3541.975 226.796
1.001 14.777
4/16/2016 10:15:00 AM 333900.000 26.329 16.963 60.011
4408.990 5208.585 2.829 3541.838 226.809
1.001 14.776
4/16/2016 10:30:00 AM 334800.000 26.331 16.963 60.016
4409.076 5208.594 2.829 3541.844 226.805
1.001 14.775
4/16/2016 10:45:00 AM 335700.000 26.335 16.963 60.027
4408.880 5208.403 2.829 3541.714 226.815
1.001 14.776
4/16/2016 11:00:00 AM 336600.000 26.334 16.963 60.024
4409.477 5209.140 2.829 3542.216 226.784
1.001 14.776
4/16/2016 11:15:00 AM 337500.000 26.339 16.964 60.035
4409.409 5208.946 2.829 3542.084 226.788
1.001 14.776
4/16/2016 11:30:00 AM 338400.000 26.337 16.963 60.031
4409.788 5209.518 2.830 3542.473 226.768
1.001 14.773

4/16/2016 11:45:00 AM	339300.000	26.336	16.964	60.028
4409.371	5208.881	2.829	3542.039	226.790
1.001	14.773			
4/16/2016 12:00:00 PM	340200.000	26.342	16.963	60.043
4408.413	5207.842	2.829	3541.333	226.839
1.001	14.768			
4/16/2016 12:15:00 PM	341100.000	26.329	16.963	60.012
4409.437	5209.041	2.829	3542.148	226.786
1.001	14.773			
4/16/2016 12:30:00 PM	342000.000	26.337	16.963	60.029
4410.501	5210.350	2.830	3543.038	226.732
1.001	14.771			
4/16/2016 12:45:00 PM	342900.000	26.341	16.963	60.040
4410.074	5209.814	2.830	3542.674	226.754
1.001	14.769			
4/16/2016 1:00:00 PM	343800.000	26.330	16.962	60.015
4409.644	5209.398	2.830	3542.391	226.776
1.001	14.766			
4/16/2016 1:15:00 PM	344700.000	26.325	16.963	60.002
4410.137	5209.868	2.830	3542.710	226.750
1.001	14.769			
4/16/2016 1:30:00 PM	345600.000	26.337	16.963	60.030
4410.360	5210.132	2.830	3542.890	226.739
1.001	14.769			
4/16/2016 1:45:00 PM	346500.000	26.336	16.963	60.027
4409.444	5209.081	2.829	3542.175	226.786
1.001	14.772			
4/16/2016 2:00:00 PM	347400.000	26.334	16.962	60.023
4410.148	5209.974	2.830	3542.782	226.750
1.001	14.770			
4/16/2016 2:15:00 PM	348300.000	26.328	16.963	60.010
4409.990	5209.726	2.830	3542.614	226.758
1.001	14.773			
4/16/2016 2:30:00 PM	349200.000	26.321	16.964	59.995
4411.001	5210.848	2.830	3543.377	226.706
1.001	14.778			
4/16/2016 2:45:00 PM	350100.000	26.342	16.963	60.042
4409.396	5208.984	2.829	3542.109	226.788
1.001	14.767			
4/16/2016 3:00:00 PM	351000.000	26.336	16.964	60.029
4411.627	5211.577	2.831	3543.873	226.674
1.001	14.771			
4/16/2016 3:15:00 PM	351900.000	26.327	16.963	60.007
4410.710	5210.545	2.830	3543.171	226.721
1.001	14.778			
4/16/2016 3:30:00 PM	352800.000	26.340	16.963	60.038
4410.850	5210.730	2.830	3543.297	226.714
1.001	14.767			
4/16/2016 3:45:00 PM	353700.000	26.336	16.964	60.028
4410.599	5210.332	2.830	3543.025	226.727
1.001	14.765			
4/16/2016 4:00:00 PM	354600.000	26.332	16.964	60.019
4410.313	5210.004	2.830	3542.803	226.741
1.001	14.766			
4/16/2016 4:15:00 PM	355500.000	26.335	16.963	60.026
4410.728	5210.587	2.830	3543.199	226.720

1.001	14.761			
4/16/2016 4:30:00 PM	356400.000	26.330	16.963	60.014
4409.578	5209.199	2.829	3542.255	226.779
1.001	14.768			
4/16/2016 4:45:00 PM	357300.000	26.329	16.964	60.012
4410.596	5210.370	2.830	3543.052	226.727
1.001	14.759			
4/16/2016 5:00:00 PM	358200.000	26.333	16.963	60.022
4409.881	5209.629	2.830	3542.548	226.763
1.001	14.757			
4/16/2016 5:15:00 PM	359100.000	26.332	16.963	60.018
4410.920	5210.855	2.830	3543.382	226.710
1.001	14.760			
4/16/2016 5:30:00 PM	360000.000	26.337	16.963	60.029
4410.966	5210.827	2.830	3543.362	226.708
1.001	14.758			
4/16/2016 5:45:00 PM	360900.000	26.331	16.963	60.016
4410.266	5209.999	2.830	3542.800	226.744
1.001	14.760			
4/16/2016 6:00:00 PM	361800.000	26.333	16.963	60.022
4410.949	5210.818	2.830	3543.357	226.709
1.001	14.759			
4/16/2016 6:15:00 PM	362700.000	26.328	16.963	60.010
4411.197	5211.141	2.831	3543.576	226.696
1.001	14.755			
4/16/2016 6:30:00 PM	363600.000	26.340	16.963	60.036
4412.417	5212.613	2.831	3544.577	226.633
1.001	14.752			
4/16/2016 6:45:00 PM	364500.000	26.334	16.963	60.024
4411.233	5211.133	2.831	3543.571	226.694
1.001	14.757			
4/16/2016 7:00:00 PM	365400.000	26.334	16.964	60.023
4412.571	5212.662	2.831	3544.610	226.625
1.001	14.755			
4/16/2016 7:15:00 PM	366300.000	26.333	16.963	60.021
4410.287	5210.036	2.830	3542.824	226.743
1.001	14.760			
4/16/2016 7:30:00 PM	367200.000	26.331	16.963	60.016
4411.537	5211.563	2.831	3543.864	226.678
1.001	14.755			
4/16/2016 7:45:00 PM	368100.000	26.333	16.963	60.021
4411.611	5211.589	2.831	3543.880	226.675
1.001	14.754			
4/16/2016 8:00:00 PM	369000.000	26.335	16.963	60.025
4411.923	5211.978	2.831	3544.145	226.659
1.001	14.759			
4/16/2016 8:15:00 PM	369900.000	26.337	16.963	60.031
4411.679	5211.732	2.831	3543.978	226.671
1.001	14.755			
4/16/2016 8:30:00 PM	370800.000	26.341	16.964	60.040
4411.754	5211.717	2.831	3543.968	226.667
1.001	14.755			
4/16/2016 8:45:00 PM	371700.000	26.335	16.963	60.026
4412.111	5212.220	2.831	3544.310	226.649
1.001	14.754			
4/16/2016 9:00:00 PM	372600.000	26.339	16.963	60.034

4411.027 5210.992 2.830 3543.474 226.705
1.001 14.756
4/16/2016 9:15:00 PM 373500.000 26.337 16.963 60.029
4411.577 5211.540 2.831 3543.847 226.676
1.001 14.760
4/16/2016 9:30:00 PM 374400.000 26.325 16.963 60.002
4410.721 5210.537 2.830 3543.165 226.720
1.001 14.762
4/16/2016 9:45:00 PM 375300.000 26.329 16.963 60.012
4410.181 5209.920 2.830 3542.746 226.748
1.001 14.760
4/16/2016 10:00:00 PM 376200.000 26.332 16.963 60.019
4411.245 5211.168 2.831 3543.594 226.693
1.001 14.766
4/16/2016 10:15:00 PM 377100.000 26.330 16.963 60.013
4410.521 5210.322 2.830 3543.020 226.731
1.001 14.765
4/16/2016 10:30:00 PM 378000.000 26.328 16.963 60.010
4410.808 5210.671 2.830 3543.257 226.716
1.001 14.763
4/16/2016 10:45:00 PM 378900.000 26.328 16.963 60.010
4409.841 5209.539 2.830 3542.486 226.766
1.001 14.759
4/16/2016 11:00:00 PM 379800.000 26.328 16.964 60.009
4410.788 5210.555 2.830 3543.177 226.717
1.001 14.759
4/16/2016 11:15:00 PM 380700.000 26.336 16.963 60.028
4409.448 5209.065 2.829 3542.165 226.786
1.001 14.762
4/16/2016 11:30:00 PM 381600.000 26.336 16.964 60.027
4409.305 5208.824 2.829 3542.000 226.793
1.001 14.755
4/16/2016 11:45:00 PM 382500.000 26.326 16.963 60.006
4409.545 5209.211 2.829 3542.263 226.781
1.001 14.763
4/17/2016 12:00:00 AM 383400.000 26.331 16.963 60.016
4409.263 5208.847 2.829 3542.016 226.795
1.001 14.761
4/17/2016 12:15:00 AM 384300.000 26.318 16.964 59.988
4409.373 5208.883 2.829 3542.041 226.790
1.001 14.762
4/17/2016 12:30:00 AM 385200.000 26.333 16.963 60.022
4410.316 5210.122 2.830 3542.883 226.741
1.001 14.755
4/17/2016 12:45:00 AM 386100.000 26.343 16.963 60.043
4409.761 5209.466 2.830 3542.437 226.770
1.001 14.751
4/17/2016 1:00:00 AM 387000.000 26.334 16.963 60.024
4409.866 5209.539 2.830 3542.487 226.764
1.001 14.757
4/17/2016 1:15:00 AM 387900.000 26.331 16.963 60.016
4409.770 5209.465 2.830 3542.436 226.769
1.001 14.752
4/17/2016 1:30:00 AM 388800.000 26.331 16.963 60.016
4410.111 5209.828 2.830 3542.683 226.752
1.001 14.756

4/17/2016 1:45:00 AM	389700.000	26.335	16.964	60.026
4410.600	5210.363	2.830	3543.047	226.727
1.001	14.754			
4/17/2016 2:00:00 AM	390600.000	26.338	16.963	60.033
4410.479	5210.314	2.830	3543.014	226.733
1.001	14.754			
4/17/2016 2:15:00 AM	391500.000	26.333	16.963	60.021
4410.491	5210.359	2.830	3543.044	226.732
1.001	14.751			
4/17/2016 2:30:00 AM	392400.000	26.338	16.963	60.031
4411.191	5211.125	2.831	3543.565	226.696
1.001	14.748			
4/17/2016 2:45:00 AM	393300.000	26.333	16.962	60.021
4410.421	5210.287	2.830	3542.995	226.736
1.001	14.748			
4/17/2016 3:00:00 AM	394200.000	26.338	16.963	60.031
4411.151	5211.098	2.831	3543.546	226.698
1.001	14.746			
4/17/2016 3:15:00 AM	395100.000	26.329	16.962	60.013
4411.438	5211.498	2.831	3543.818	226.683
1.001	14.748			
4/17/2016 3:30:00 AM	396000.000	26.326	16.963	60.005
4410.944	5210.801	2.830	3543.345	226.709
1.001	14.745			
4/17/2016 3:45:00 AM	396900.000	26.334	16.962	60.023
4410.869	5210.908	2.830	3543.417	226.713
1.001	14.745			
4/17/2016 4:00:00 AM	397800.000	26.336	16.962	60.028
4410.539	5210.426	2.830	3543.090	226.730
1.001	14.736			
4/17/2016 4:15:00 AM	398700.000	26.341	16.963	60.040
4411.561	5211.623	2.831	3543.904	226.677
1.001	14.739			
4/17/2016 4:30:00 AM	399600.000	26.340	16.962	60.038
4412.176	5212.411	2.831	3544.440	226.646
1.001	14.742			
4/17/2016 4:45:00 AM	400500.000	26.333	16.963	60.021
4412.123	5212.246	2.831	3544.327	226.648
1.001	14.737			
4/17/2016 5:00:00 AM	401400.000	26.331	16.962	60.016
4412.313	5212.522	2.831	3544.515	226.639
1.001	14.740			
4/17/2016 5:15:00 AM	402300.000	26.333	16.964	60.022
4412.410	5212.513	2.831	3544.509	226.634
1.001	14.738			
4/17/2016 5:30:00 AM	403200.000	26.331	16.962	60.017
4413.289	5213.695	2.832	3545.313	226.588
1.001	14.738			
4/17/2016 5:45:00 AM	404100.000	26.335	16.963	60.027
4413.291	5213.625	2.832	3545.265	226.588
1.001	14.734			
4/17/2016 6:00:00 AM	405000.000	26.350	16.962	60.061
4412.644	5212.973	2.832	3544.822	226.622
1.001	14.729			
4/17/2016 6:15:00 AM	405900.000	26.336	16.963	60.029
4413.015	5213.310	2.832	3545.051	226.602

1.001 14.733
4/17/2016 6:30:00 AM 406800.000 26.344 16.962 60.045
4412.254 5212.452 2.831 3544.468 226.642
1.001 14.733
4/17/2016 6:45:00 AM 407700.000 26.336 16.964 60.029
4413.298 5213.532 2.832 3545.202 226.588
1.001 14.738
4/17/2016 7:00:00 AM 408600.000 26.331 16.962 60.016
4412.345 5212.621 2.831 3544.582 226.637
1.001 14.733
4/17/2016 7:15:00 AM 409500.000 26.338 16.963 60.032
4413.512 5213.846 2.832 3545.416 226.577
1.001 14.734
4/17/2016 7:30:00 AM 410400.000 26.337 16.963 60.029
4412.699 5212.865 2.832 3544.748 226.619
1.001 14.734
4/17/2016 7:45:00 AM 411300.000 26.336 16.962 60.028
4413.067 5213.413 2.832 3545.121 226.600
1.001 14.740
4/17/2016 8:00:00 AM 412200.000 26.329 16.962 60.013
4412.984 5213.386 2.832 3545.103 226.604
1.001 14.730
4/17/2016 8:15:00 AM 413100.000 26.336 16.963 60.028
4412.022 5212.116 2.831 3544.239 226.653
1.001 14.735
4/17/2016 8:30:00 AM 414000.000 26.332 16.963 60.018
4411.549 5211.588 2.831 3543.880 226.678
1.001 14.738
4/17/2016 8:45:00 AM 414900.000 26.326 16.963 60.006
4412.374 5212.553 2.831 3544.536 226.635
1.001 14.738
4/17/2016 9:00:00 AM 415800.000 26.333 16.963 60.020
4412.536 5212.733 2.831 3544.659 226.627
1.001 14.738
4/17/2016 9:15:00 AM 416700.000 26.341 16.963 60.038
4411.702 5211.780 2.831 3544.010 226.670
1.001 14.732
4/17/2016 9:30:00 AM 417600.000 26.343 16.963 60.043
4412.438 5212.557 2.831 3544.539 226.632
1.001 14.727
4/17/2016 9:45:00 AM 418500.000 26.330 16.962 60.015
4412.141 5212.339 2.831 3544.390 226.647
1.001 14.731
4/17/2016 10:00:00 AM 419400.000 26.338 16.963 60.033
4411.614 5211.634 2.831 3543.911 226.674
1.001 14.727
4/17/2016 10:15:00 AM 420300.000 26.333 16.962 60.021
4411.102 5211.111 2.831 3543.556 226.701
1.001 14.732
4/17/2016 10:30:00 AM 421200.000 26.334 16.962 60.023
4411.275 5211.317 2.831 3543.696 226.692
1.001 14.735
4/17/2016 10:45:00 AM 422100.000 26.338 16.963 60.033
4412.432 5212.590 2.831 3544.562 226.632
1.001 14.724
4/17/2016 11:00:00 AM 423000.000 26.335 16.963 60.027

4412.464 5212.637 2.831 3544.593 226.631
1.001 14.729
4/17/2016 11:15:00 AM 423900.000 26.316 16.963 59.983
4412.395 5212.608 2.831 3544.573 226.634
1.001 14.736
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4412.251 5212.417 2.831 3544.444 226.642
1.001 14.735
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4411.850 5211.870 2.831 3544.072 226.662
1.001 14.733
4/17/2016 12:00:00 PM 426600.000 26.324 16.963 60.000
4412.316 5212.494 2.831 3544.496 226.638
1.001 14.735
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4412.241 5212.324 2.831 3544.381 226.642
1.001 14.737
4/17/2016 12:30:00 PM 428400.000 26.333 16.963 60.021
4411.365 5211.339 2.831 3543.711 226.687
1.001 14.736
4/17/2016 12:45:00 PM 429300.000 26.324 16.963 60.000
4411.905 5211.978 2.831 3544.145 226.659
1.001 14.735
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4412.065 5212.075 2.831 3544.211 226.651
1.001 14.731
4/17/2016 1:15:00 PM 431100.000 26.340 16.963 60.038
4411.399 5211.432 2.831 3543.774 226.685
1.001 14.727
4/17/2016 1:30:00 PM 432000.000 26.340 16.963 60.036
4411.996 5212.085 2.831 3544.218 226.655
1.001 14.726
4/17/2016 1:45:00 PM 432900.000 26.337 16.963 60.031
4411.545 5211.574 2.831 3543.871 226.678
1.001 14.731
4/17/2016 2:00:00 PM 433800.000 26.324 16.963 60.002
4411.366 5211.290 2.831 3543.677 226.687
1.001 14.736
4/17/2016 2:15:00 PM 434700.000 26.330 16.963 60.014
4411.614 5211.676 2.831 3543.940 226.674
1.001 14.736
4/17/2016 2:30:00 PM 435600.000 26.326 16.963 60.006
4411.424 5211.431 2.831 3543.773 226.684
1.001 14.735
4/17/2016 2:45:00 PM 436500.000 26.321 16.964 59.994
4411.979 5211.952 2.831 3544.127 226.656
1.001 14.738
4/17/2016 3:00:00 PM 437400.000 26.324 16.963 60.001
4409.918 5209.672 2.830 3542.577 226.762
1.001 14.738
4/17/2016 3:15:00 PM 438300.000 26.318 16.963 59.988
4410.420 5210.223 2.830 3542.952 226.736
1.001 14.740
4/17/2016 3:30:00 PM 439200.000 26.334 16.963 60.023
4409.862 5209.595 2.830 3542.525 226.764
1.001 14.732

4/17/2016 3:45:00 PM	440100.000	26.334	16.964	60.023
4410.057	5209.628	2.830	3542.547	226.754
1.001	14.732			
4/17/2016 4:00:00 PM	441000.000	26.323	16.963	59.997
4410.326	5210.083	2.830	3542.856	226.741
1.001	14.737			
4/17/2016 4:15:00 PM	441900.000	26.331	16.963	60.016
4409.517	5209.156	2.829	3542.227	226.782
1.001	14.734			
4/17/2016 4:30:00 PM	442800.000	26.326	16.963	60.006
4410.046	5209.813	2.830	3542.673	226.755
1.001	14.733			
4/17/2016 4:45:00 PM	443700.000	26.332	16.963	60.019
4410.021	5209.794	2.830	3542.660	226.756
1.001	14.728			
4/17/2016 5:00:00 PM	444600.000	26.325	16.964	60.004
4410.338	5210.035	2.830	3542.824	226.740
1.001	14.730			
4/17/2016 5:15:00 PM	445500.000	26.322	16.964	59.995
4409.538	5209.120	2.829	3542.202	226.781
1.001	14.733			
4/17/2016 5:30:00 PM	446400.000	26.327	16.963	60.008
4410.173	5209.953	2.830	3542.768	226.748
1.001	14.732			
4/17/2016 5:45:00 PM	447300.000	26.337	16.963	60.030
4410.223	5209.981	2.830	3542.787	226.746
1.001	14.733			
4/17/2016 6:00:00 PM	448200.000	26.327	16.964	60.008
4410.645	5210.354	2.830	3543.041	226.724
1.001	14.732			
4/17/2016 6:15:00 PM	449100.000	26.327	16.963	60.007
4411.223	5211.193	2.831	3543.612	226.694
1.001	14.732			
4/17/2016 6:30:00 PM	450000.000	26.325	16.963	60.004
4411.417	5211.412	2.831	3543.760	226.685
1.001	14.734			
4/17/2016 6:45:00 PM	450900.000	26.321	16.963	59.995
4411.036	5210.920	2.830	3543.426	226.704
1.001	14.737			
4/17/2016 7:00:00 PM	451800.000	26.333	16.964	60.021
4409.776	5209.402	2.830	3542.394	226.769
1.001	14.726			
4/17/2016 7:15:00 PM	452700.000	26.326	16.963	60.006
4409.972	5209.652	2.830	3542.564	226.759
1.001	14.731			
4/17/2016 7:30:00 PM	453600.000	26.333	16.962	60.020
4410.202	5210.028	2.830	3542.820	226.747
1.001	14.734			
4/17/2016 7:45:00 PM	454500.000	26.328	16.963	60.009
4410.872	5210.788	2.830	3543.336	226.713
1.001	14.734			
4/17/2016 8:00:00 PM	455400.000	26.321	16.963	59.994
4410.290	5210.049	2.830	3542.833	226.742
1.001	14.739			
4/17/2016 8:15:00 PM	456300.000	26.328	16.963	60.009
4411.308	5211.242	2.831	3543.645	226.690

1.001 14.737
4/17/2016 8:30:00 PM 457200.000 26.330 16.963 60.015
4410.261 5210.087 2.830 3542.860 226.744
1.001 14.738
4/17/2016 8:45:00 PM 458100.000 26.329 16.964 60.013
4410.823 5210.617 2.830 3543.219 226.715
1.001 14.740
4/17/2016 9:00:00 PM 459000.000 26.324 16.963 60.000
4410.261 5209.985 2.830 3542.790 226.744
1.001 14.744
4/17/2016 9:15:00 PM 459900.000 26.330 16.963 60.015
4410.632 5210.432 2.830 3543.094 226.725
1.001 14.744
4/17/2016 9:30:00 PM 460800.000 26.330 16.963 60.014
4411.230 5211.129 2.831 3543.568 226.694
1.001 14.743
4/17/2016 9:45:00 PM 461700.000 26.328 16.963 60.010
4410.165 5209.892 2.830 3542.727 226.749
1.001 14.742
4/17/2016 10:00:00 PM 462600.000 26.314 16.963 59.977
4409.619 5209.268 2.829 3542.302 226.777
1.001 14.749
4/17/2016 10:15:00 PM 463500.000 26.318 16.963 59.987
4409.036 5208.537 2.829 3541.805 226.807
1.001 14.744
4/17/2016 10:30:00 PM 464400.000 26.323 16.962 59.999
4410.053 5209.860 2.830 3542.705 226.755
1.001 14.747
4/17/2016 10:45:00 PM 465300.000 26.319 16.963 59.989
4408.066 5207.412 2.828 3541.041 226.857
1.001 14.744
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4409.035 5208.526 2.829 3541.798 226.807
1.001 14.743
4/17/2016 11:15:00 PM 467100.000 26.333 16.963 60.021
4408.728 5208.255 2.829 3541.613 226.823
1.001 14.741
4/17/2016 11:30:00 PM 468000.000 26.331 16.963 60.017
4408.736 5208.192 2.829 3541.571 226.822
1.001 14.738
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4409.097 5208.639 2.829 3541.875 226.804
1.001 14.746
4/18/2016 12:00:00 AM 469800.000 26.332 16.963 60.018
4409.693 5209.406 2.830 3542.396 226.773
1.001 14.733
4/18/2016 12:15:00 AM 470700.000 26.334 16.963 60.023
4408.861 5208.423 2.829 3541.728 226.816
1.001 14.735
4/18/2016 12:30:00 AM 471600.000 26.318 16.963 59.987
4409.190 5208.771 2.829 3541.964 226.799
1.001 14.743
4/18/2016 12:45:00 AM 472500.000 26.314 16.963 59.978
4409.752 5209.424 2.830 3542.409 226.770
1.001 14.744
4/18/2016 1:00:00 AM 473400.000 26.318 16.963 59.987

4408.732	5208.281	2.829	3541.631	226.823	
1.001	14.740				
4/18/2016 1:15:00 AM	474300.000	26.335	16.964	60.027	
4408.897	5208.363	2.829	3541.687	226.814	
1.001	14.737				
4/18/2016 1:30:00 AM	475200.000	26.318	16.963	59.987	
4410.453	5210.262	2.830	3542.979	226.734	
1.001	14.741				
4/18/2016 1:45:00 AM	476100.000	26.322	16.963	59.995	
4409.663	5209.350	2.830	3542.358	226.775	
1.001	14.745				
4/18/2016 2:00:00 AM	477000.000	26.327	16.962	60.007	
4409.772	5209.529	2.830	3542.480	226.769	
1.001	14.741				
4/18/2016 2:15:00 AM	477900.000	26.328	16.962	60.010	
4409.367	5209.042	2.829	3542.149	226.790	
1.001	14.738				
4/18/2016 2:30:00 AM	478800.000	26.330	16.964	60.015	
4410.386	5210.122	2.830	3542.883	226.738	
1.001	14.741				
4/18/2016 2:45:00 AM	479700.000	26.329	16.964	60.012	
4409.790	5209.417	2.830	3542.404	226.768	
1.001	14.734				
4/18/2016 3:00:00 AM	480600.000	26.329	16.963	60.012	
4410.631	5210.473	2.830	3543.122	226.725	
1.001	14.735				
4/18/2016 3:15:00 AM	481500.000	26.328	16.963	60.008	
4410.168	5209.968	2.830	3542.778	226.749	
1.001	14.734				
4/18/2016 3:30:00 AM	482400.000	26.327	16.963	60.006	
4410.061	5209.799	2.830	3542.664	226.754	
1.001	14.735				
4/18/2016 3:45:00 AM	483300.000	26.335	16.963	60.026	
4410.597	5210.423	2.830	3543.088	226.727	
1.001	14.726				
4/18/2016 4:00:00 AM	484200.000	26.331	16.963	60.017	
4410.848	5210.687	2.830	3543.267	226.714	
1.001	14.732				
4/18/2016 4:15:00 AM	485100.000	26.320	16.962	59.992	
4410.889	5210.869	2.830	3543.391	226.712	
1.001	14.741				
4/18/2016 4:30:00 AM	486000.000	26.333	16.963	60.020	
4410.614	5210.483	2.830	3543.128	226.726	
1.001	14.735				
4/18/2016 4:45:00 AM	486900.000	26.332	16.962	60.019	
4411.347	5211.390	2.831	3543.745	226.688	
1.001	14.740				
4/18/2016 5:00:00 AM	487800.000	26.325	16.963	60.003	
4412.402	5212.595	2.831	3544.565	226.634	
1.001	14.740				
4/18/2016 5:15:00 AM	488700.000	26.329	16.963	60.012	
4411.566	5211.588	2.831	3543.880	226.677	
1.001	14.739				
4/18/2016 5:30:00 AM	489600.000	26.329	16.963	60.011	
4411.310	5211.224	2.831	3543.632	226.690	
1.001	14.741				

4/18/2016 5:45:00 AM	490500.000	26.325	16.963	60.002
4411.336	5211.306	2.831	3543.688	226.689
1.001	14.742			
4/18/2016 6:00:00 AM	491400.000	26.325	16.963	60.003
4412.023	5212.169	2.831	3544.275	226.653
1.001	14.739			
4/18/2016 6:15:00 AM	492300.000	26.320	16.963	59.991
4411.783	5211.833	2.831	3544.046	226.666
1.001	14.742			
4/18/2016 6:30:00 AM	493200.000	26.333	16.964	60.022
4411.516	5211.436	2.831	3543.777	226.679
1.001	14.735			
4/18/2016 6:45:00 AM	494100.000	26.332	16.963	60.020
4410.909	5210.842	2.830	3543.373	226.711
1.001	14.743			
4/18/2016 7:00:00 AM	495000.000	26.328	16.963	60.010
4410.980	5210.927	2.830	3543.430	226.707
1.001	14.744			
4/18/2016 7:15:00 AM	495900.000	26.326	16.963	60.004
4411.553	5211.531	2.831	3543.841	226.678
1.001	14.749			
4/18/2016 7:30:00 AM	496800.000	26.327	16.963	60.008
4411.370	5211.397	2.831	3543.750	226.687
1.001	14.747			
4/18/2016 7:45:00 AM	497700.000	26.328	16.963	60.010
4410.957	5210.836	2.830	3543.369	226.708
1.001	14.747			
4/18/2016 8:00:00 AM	498600.000	26.318	16.963	59.988
4410.965	5210.878	2.830	3543.397	226.708
1.001	14.760			
4/18/2016 8:15:00 AM	499500.000	26.314	16.964	59.979
4410.446	5210.182	2.830	3542.924	226.734
1.001	14.767			
4/18/2016 8:30:00 AM	500400.000	26.332	16.963	60.019
4409.573	5209.213	2.829	3542.265	226.779
1.001	14.753			
4/18/2016 8:45:00 AM	501300.000	26.327	16.963	60.006
4410.087	5209.789	2.830	3542.656	226.753
1.001	14.760			
4/18/2016 9:00:00 AM	502200.000	26.323	16.963	59.997
4408.504	5207.918	2.829	3541.385	226.834
1.001	14.759			
4/18/2016 9:15:00 AM	503100.000	26.323	16.963	59.998
4408.557	5208.033	2.829	3541.463	226.832
1.001	14.760			
4/18/2016 9:30:00 AM	504000.000	26.326	16.964	60.004
4408.801	5208.228	2.829	3541.595	226.819
1.001	14.758			
4/18/2016 9:45:00 AM	504900.000	26.321	16.963	59.994
4407.598	5206.848	2.828	3540.656	226.881
1.001	14.758			
4/18/2016 10:00:00 AM	505800.000	26.320	16.963	59.991
4407.180	5206.395	2.828	3540.349	226.902
1.001	14.761			
4/18/2016 10:15:00 AM	506700.000	26.321	16.963	59.995
4407.884	5207.207	2.828	3540.900	226.866

1.001 14.758
4/18/2016 10:30:00 AM 507600.000 26.325 16.963 60.003
4408.143 5207.491 2.828 3541.094 226.853
1.001 14.754
4/18/2016 10:45:00 AM 508500.000 26.323 16.963 59.999
4408.423 5207.814 2.829 3541.314 226.838
1.001 14.759
4/18/2016 11:00:00 AM 509400.000 26.321 16.962 59.994
4408.078 5207.549 2.828 3541.133 226.856
1.001 14.758
4/18/2016 11:15:00 AM 510300.000 26.325 16.963 60.003
4407.993 5207.326 2.828 3540.981 226.861
1.001 14.758
4/18/2016 11:30:00 AM 511200.000 26.312 16.964 59.972
4408.029 5207.327 2.828 3540.982 226.859
1.001 14.757
4/18/2016 11:45:00 AM 512100.000 26.322 16.963 59.996
4408.315 5207.779 2.829 3541.290 226.844
1.001 14.754
4/18/2016 12:00:00 PM 513000.000 26.317 16.964 59.984
4407.293 5206.468 2.828 3540.398 226.897
1.001 14.761
4/18/2016 12:15:00 PM 513900.000 26.318 16.963 59.987
4408.053 5207.385 2.828 3541.022 226.858
1.001 14.756
4/18/2016 12:30:00 PM 514800.000 26.326 16.964 60.005
4408.176 5207.490 2.828 3541.093 226.851
1.001 14.752
4/18/2016 12:45:00 PM 515700.000 26.316 16.962 59.982
4408.303 5207.784 2.829 3541.293 226.845
1.001 14.749
4/18/2016 1:00:00 PM 516600.000 26.323 16.963 59.998
4408.496 5207.908 2.829 3541.378 226.835
1.001 14.752
4/18/2016 1:15:00 PM 517500.000 26.320 16.963 59.991
4408.791 5208.289 2.829 3541.636 226.820
1.001 14.754
4/18/2016 1:30:00 PM 518400.000 26.324 16.962 60.000
4409.467 5209.169 2.829 3542.235 226.785
1.001 14.754
4/18/2016 1:45:00 PM 519300.000 26.313 16.962 59.975
4408.407 5207.907 2.829 3541.377 226.839
1.001 14.755
4/18/2016 2:00:00 PM 520200.000 26.331 16.963 60.016
4408.760 5208.293 2.829 3541.640 226.821
1.001 14.749
4/18/2016 2:15:00 PM 521100.000 26.315 16.963 59.981
4409.944 5209.610 2.830 3542.535 226.760
1.001 14.752
4/18/2016 2:30:00 PM 522000.000 26.318 16.963 59.988
4408.719 5208.172 2.829 3541.557 226.823
1.001 14.753
4/18/2016 2:45:00 PM 522900.000 26.324 16.963 59.999
4409.688 5209.369 2.830 3542.371 226.773
1.001 14.752
4/18/2016 3:00:00 PM 523800.000 26.320 16.963 59.991

4408.596	5208.068	2.829	3541.487	226.830
1.001	14.752			
4/18/2016 3:15:00 PM	524700.000	26.324	16.963	60.002
4409.341	5209.000	2.829	3542.120	226.791
1.001	14.749			
4/18/2016 3:30:00 PM	525600.000	26.320	16.963	59.992
4410.089	5209.854	2.830	3542.701	226.753
1.001	14.752			
4/18/2016 3:45:00 PM	526500.000	26.314	16.964	59.978
4409.780	5209.364	2.830	3542.368	226.769
1.001	14.753			
4/18/2016 4:00:00 PM	527400.000	26.324	16.963	60.001
4409.383	5209.029	2.829	3542.140	226.789
1.001	14.753			
4/18/2016 4:15:00 PM	528300.000	26.316	16.963	59.982
4410.454	5210.294	2.830	3543.000	226.734
1.001	14.755			
4/18/2016 4:30:00 PM	529200.000	26.318	16.963	59.987
4409.701	5209.364	2.830	3542.368	226.773
1.001	14.755			
4/18/2016 4:45:00 PM	530100.000	26.322	16.963	59.996
4409.085	5208.617	2.829	3541.860	226.804
1.001	14.751			
4/18/2016 5:00:00 PM	531000.000	26.317	16.962	59.984
4410.062	5209.863	2.830	3542.707	226.754
1.001	14.756			
4/18/2016 5:15:00 PM	531900.000	26.316	16.963	59.981
4408.934	5208.458	2.829	3541.752	226.812
1.001	14.756			
4/18/2016 5:30:00 PM	532800.000	26.328	16.964	60.010
4409.681	5209.277	2.829	3542.309	226.774
1.001	14.745			
4/18/2016 5:45:00 PM	533700.000	26.310	16.963	59.969
4409.864	5209.597	2.830	3542.526	226.764
1.001	14.753			
4/18/2016 6:00:00 PM	534600.000	26.312	16.963	59.974
4409.071	5208.650	2.829	3541.883	226.805
1.001	14.753			
4/18/2016 6:15:00 PM	535500.000	26.323	16.963	59.998
4410.271	5210.068	2.830	3542.847	226.743
1.001	14.742			
4/18/2016 6:30:00 PM	536400.000	26.323	16.962	59.998
4409.231	5208.890	2.829	3542.045	226.797
1.001	14.747			
4/18/2016 6:45:00 PM	537300.000	26.327	16.963	60.007
4409.497	5209.185	2.829	3542.246	226.783
1.001	14.742			
4/18/2016 7:00:00 PM	538200.000	26.326	16.963	60.004
4410.614	5210.431	2.830	3543.094	226.726
1.001	14.745			
4/18/2016 7:15:00 PM	539100.000	26.316	16.963	59.983
4410.084	5209.868	2.830	3542.710	226.753
1.001	14.743			
4/18/2016 7:30:00 PM	540000.000	26.315	16.963	59.981
4410.353	5210.102	2.830	3542.869	226.739
1.001	14.747			

4/18/2016 7:45:00 PM 540900.000 26.327 16.962 60.007
4410.722 5210.651 2.830 3543.243 226.720
1.001 14.747
4/18/2016 8:00:00 PM 541800.000 26.309 16.962 59.966
4410.768 5210.705 2.830 3543.280 226.718
1.001 14.748
4/18/2016 8:15:00 PM 542700.000 26.317 16.962 59.985
4410.430 5210.327 2.830 3543.022 226.735
1.001 14.750
4/18/2016 8:30:00 PM 543600.000 26.316 16.963 59.983
4410.880 5210.789 2.830 3543.336 226.712
1.001 14.750
4/18/2016 8:45:00 PM 544500.000 26.325 16.964 60.004
4410.158 5209.831 2.830 3542.685 226.749
1.001 14.747
4/18/2016 9:00:00 PM 545400.000 26.331 16.962 60.017
4410.360 5210.214 2.830 3542.946 226.739
1.001 14.747
4/18/2016 9:15:00 PM 546300.000 26.316 16.963 59.983
4411.035 5210.980 2.830 3543.467 226.704
1.001 14.753
4/18/2016 9:30:00 PM 547200.000 26.322 16.962 59.996
4410.986 5210.954 2.830 3543.449 226.707
1.001 14.754
4/18/2016 9:45:00 PM 548100.000 26.309 16.963 59.966
4410.360 5210.163 2.830 3542.911 226.739
1.001 14.754
4/18/2016 10:00:00 PM 549000.000 26.318 16.962 59.988
4409.776 5209.534 2.830 3542.484 226.769
1.001 14.753
4/18/2016 10:15:00 PM 549900.000 26.307 16.963 59.963
4410.131 5209.881 2.830 3542.719 226.751
1.001 14.756
4/18/2016 10:30:00 PM 550800.000 26.320 16.963 59.991
4409.833 5209.540 2.830 3542.487 226.766
1.001 14.754
4/18/2016 10:45:00 PM 551700.000 26.319 16.963 59.989
4410.779 5210.669 2.830 3543.255 226.717
1.001 14.754
4/18/2016 11:00:00 PM 552600.000 26.317 16.963 59.984
4410.326 5210.103 2.830 3542.870 226.741
1.001 14.758
4/18/2016 11:15:00 PM 553500.000 26.317 16.963 59.984
4410.191 5209.995 2.830 3542.797 226.748
1.001 14.753
4/18/2016 11:30:00 PM 554400.000 26.326 16.963 60.005
4409.640 5209.344 2.830 3542.354 226.776
1.001 14.751
4/18/2016 11:45:00 PM 555300.000 26.315 16.963 59.980
4409.393 5209.021 2.829 3542.134 226.789
1.001 14.749
4/19/2016 12:00:00 AM 556200.000 26.324 16.962 60.001
4409.123 5208.773 2.829 3541.966 226.802
1.001 14.745
4/19/2016 12:15:00 AM 557100.000 26.318 16.963 59.988
4409.105 5208.628 2.829 3541.867 226.803

1.001 14.748
4/19/2016 12:30:00 AM 558000.000 26.323 16.963 59.998
4409.740 5209.441 2.830 3542.420 226.771
1.001 14.748
4/19/2016 12:45:00 AM 558900.000 26.325 16.963 60.003
4409.112 5208.720 2.829 3541.930 226.803
1.001 14.745
4/19/2016 1:00:00 AM 559800.000 26.312 16.963 59.973
4410.312 5210.147 2.830 3542.900 226.741
1.001 14.741
4/19/2016 1:15:00 AM 560700.000 26.322 16.962 59.997
4411.097 5211.085 2.831 3543.538 226.701
1.001 14.745
4/19/2016 1:30:00 AM 561600.000 26.319 16.963 59.990
4411.258 5211.244 2.831 3543.646 226.693
1.001 14.736
4/19/2016 1:45:00 AM 562500.000 26.331 16.963 60.017
4410.558 5210.438 2.830 3543.098 226.729
1.001 14.738
4/19/2016 2:00:00 AM 563400.000 26.334 16.962 60.023
4411.905 5212.131 2.831 3544.250 226.659
1.001 14.735
4/19/2016 2:15:00 AM 564300.000 26.312 16.962 59.973
4412.561 5212.844 2.832 3544.734 226.626
1.001 14.744
4/19/2016 2:30:00 AM 565200.000 26.328 16.962 60.009
4412.259 5212.571 2.831 3544.549 226.641
1.001 14.734
4/19/2016 2:45:00 AM 566100.000 26.310 16.962 59.968
4413.084 5213.514 2.832 3545.190 226.599
1.001 14.738
4/19/2016 3:00:00 AM 567000.000 26.324 16.962 60.000
4412.476 5212.766 2.831 3544.681 226.630
1.001 14.733
4/19/2016 3:15:00 AM 567900.000 26.327 16.962 60.008
4413.465 5213.964 2.832 3545.496 226.579
1.001 14.726
4/19/2016 3:30:00 AM 568800.000 26.335 16.962 60.026
4413.875 5214.429 2.832 3545.812 226.558
1.001 14.727
4/19/2016 3:45:00 AM 569700.000 26.324 16.962 60.000
4413.113 5213.528 2.832 3545.199 226.597
1.001 14.731
4/19/2016 4:00:00 AM 570600.000 26.311 16.963 59.972
4414.038 5214.528 2.833 3545.879 226.550
1.001 14.738
4/19/2016 4:15:00 AM 571500.000 26.323 16.962 59.998
4414.491 5215.136 2.833 3546.293 226.527
1.001 14.730
4/19/2016 4:30:00 AM 572400.000 26.335 16.962 60.025
4414.574 5215.275 2.833 3546.387 226.522
1.001 14.719
4/19/2016 4:45:00 AM 573300.000 26.322 16.962 59.996
4414.712 5215.397 2.833 3546.470 226.515
1.001 14.727
4/19/2016 5:00:00 AM 574200.000 26.332 16.963 60.019

4414.458	5215.045	2.833	3546.230	226.528
1.001	14.723			
4/19/2016 5:15:00 AM	575100.000	26.323	16.962	59.997
4414.929	5215.622	2.833	3546.623	226.504
1.001	14.722			
4/19/2016 5:30:00 AM	576000.000	26.327	16.963	60.007
4415.612	5216.408	2.834	3547.158	226.469
1.001	14.720			
4/19/2016 5:45:00 AM	576900.000	26.322	16.962	59.996
4416.059	5217.029	2.834	3547.580	226.446
1.001	14.718			
4/19/2016 6:00:00 AM	577800.000	26.331	16.962	60.016
4416.191	5217.217	2.834	3547.708	226.439
1.001	14.710			
4/19/2016 6:15:00 AM	578700.000	26.322	16.963	59.996
4417.121	5218.181	2.835	3548.363	226.392
1.001	14.717			
4/19/2016 6:30:00 AM	579600.000	26.323	16.962	59.997
4415.854	5216.818	2.834	3547.437	226.457
1.001	14.712			
4/19/2016 6:45:00 AM	580500.000	26.318	16.963	59.986
4417.124	5218.195	2.835	3548.373	226.392
1.001	14.713			
4/19/2016 7:00:00 AM	581400.000	26.331	16.962	60.016
4417.529	5218.797	2.835	3548.782	226.371
1.001	14.711			
4/19/2016 7:15:00 AM	582300.000	26.322	16.962	59.995
4417.538	5218.755	2.835	3548.754	226.370
1.001	14.719			
4/19/2016 7:30:00 AM	583200.000	26.323	16.962	59.999
4417.894	5219.156	2.835	3549.026	226.352
1.001	14.714			
4/19/2016 7:45:00 AM	584100.000	26.328	16.962	60.010
4418.210	5219.541	2.835	3549.288	226.336
1.001	14.711			
4/19/2016 8:00:00 AM	585000.000	26.332	16.962	60.019
4418.369	5219.685	2.835	3549.385	226.328
1.001	14.712			
4/19/2016 8:15:00 AM	585900.000	26.316	16.962	59.983
4418.336	5219.710	2.836	3549.403	226.330
1.001	14.715			
4/19/2016 8:30:00 AM	586800.000	26.325	16.962	60.002
4417.128	5218.271	2.835	3548.425	226.391
1.001	14.715			
4/19/2016 8:45:00 AM	587700.000	26.333	16.962	60.021
4417.849	5219.082	2.835	3548.976	226.355
1.001	14.711			
4/19/2016 9:00:00 AM	588600.000	26.316	16.962	59.981
4417.470	5218.614	2.835	3548.658	226.374
1.001	14.716			
4/19/2016 9:15:00 AM	589500.000	26.321	16.962	59.994
4417.066	5218.250	2.835	3548.410	226.395
1.001	14.716			
4/19/2016 9:30:00 AM	590400.000	26.331	16.962	60.016
4418.372	5219.793	2.836	3549.459	226.328
1.001	14.715			

4/19/2016 9:45:00 AM	591300.000	26.330	16.962	60.013
4418.221	5219.574	2.835	3549.310	226.335
1.001	14.713			
4/19/2016 10:00:00 AM	592200.000	26.320	16.963	59.992
4416.091	5216.953	2.834	3547.528	226.445
1.001	14.719			
4/19/2016 10:15:00 AM	593100.000	26.320	16.962	59.992
4416.811	5217.865	2.834	3548.148	226.408
1.001	14.720			
4/19/2016 10:30:00 AM	594000.000	26.317	16.962	59.985
4417.605	5218.773	2.835	3548.766	226.367
1.001	14.718			
4/19/2016 10:45:00 AM	594900.000	26.321	16.961	59.993
4416.477	5217.575	2.834	3547.951	226.425
1.001	14.717			
4/19/2016 11:00:00 AM	595800.000	26.319	16.963	59.989
4416.756	5217.708	2.834	3548.042	226.410
1.001	14.722			
4/19/2016 11:15:00 AM	596700.000	26.325	16.963	60.003
4417.336	5218.445	2.835	3548.543	226.381
1.001	14.718			
4/19/2016 11:30:00 AM	597600.000	26.319	16.962	59.989
4417.099	5218.248	2.835	3548.408	226.393
1.001	14.715			
4/19/2016 11:45:00 AM	598500.000	26.319	16.962	59.989
4416.655	5217.682	2.834	3548.024	226.416
1.001	14.720			
4/19/2016 12:00:00 PM	599400.000	26.322	16.962	59.997
4417.656	5218.855	2.835	3548.822	226.364
1.001	14.718			
4/19/2016 12:15:00 PM	600300.000	26.320	16.962	59.992
4416.237	5217.158	2.834	3547.667	226.437
1.001	14.720			
4/19/2016 12:30:00 PM	601200.000	26.329	16.963	60.013
4416.354	5217.285	2.834	3547.754	226.431
1.001	14.713			
4/19/2016 12:45:00 PM	602100.000	26.323	16.962	59.998
4416.402	5217.353	2.834	3547.800	226.429
1.001	14.714			
4/19/2016 1:00:00 PM	603000.000	26.315	16.962	59.981
4416.242	5217.277	2.834	3547.749	226.437
1.001	14.713			
4/19/2016 1:15:00 PM	603900.000	26.319	16.963	59.989
4416.327	5217.201	2.834	3547.697	226.433
1.001	14.716			
4/19/2016 1:30:00 PM	604800.000	26.321	16.962	59.995
4416.125	5217.107	2.834	3547.633	226.443
1.001	14.717			
4/19/2016 1:45:00 PM	605700.000	26.313	16.962	59.975
4416.027	5216.918	2.834	3547.504	226.448
1.001	14.714			
4/19/2016 2:00:00 PM	606600.000	26.323	16.963	59.999
4415.820	5216.602	2.834	3547.290	226.459
1.001	14.714			
4/19/2016 2:15:00 PM	607500.000	26.322	16.963	59.995
4416.480	5217.414	2.834	3547.842	226.425

1.001	14.715			
4/19/2016 2:30:00 PM	608400.000	26.326	16.963	60.004
4416.081	5216.963	2.834	3547.535	226.445
1.001	14.714			
4/19/2016 2:45:00 PM	609300.000	26.319	16.962	59.989
4416.763	5217.779	2.834	3548.090	226.410
1.001	14.714			
4/19/2016 3:00:00 PM	610200.000	26.321	16.963	59.993
4416.228	5217.136	2.834	3547.653	226.438
1.001	14.715			
4/19/2016 3:15:00 PM	611100.000	26.320	16.962	59.992
4417.256	5218.370	2.835	3548.492	226.385
1.001	14.715			
4/19/2016 3:30:00 PM	612000.000	26.323	16.962	59.999
4416.475	5217.438	2.834	3547.858	226.425
1.001	14.710			
4/19/2016 3:45:00 PM	612900.000	26.317	16.961	59.984
4416.756	5217.905	2.834	3548.176	226.410
1.001	14.707			
4/19/2016 4:00:00 PM	613800.000	26.324	16.962	60.000
4416.556	5217.606	2.834	3547.972	226.421
1.001	14.702			
4/19/2016 4:15:00 PM	614700.000	26.314	16.962	59.977
4415.765	5216.600	2.834	3547.288	226.461
1.001	14.706			
4/19/2016 4:30:00 PM	615600.000	26.323	16.962	59.999
4417.088	5218.235	2.835	3548.400	226.393
1.001	14.701			
4/19/2016 4:45:00 PM	616500.000	26.316	16.963	59.982
4417.247	5218.288	2.835	3548.436	226.385
1.001	14.699			
4/19/2016 5:00:00 PM	617400.000	26.322	16.962	59.997
4416.858	5217.983	2.835	3548.229	226.405
1.001	14.697			
4/19/2016 5:15:00 PM	618300.000	26.319	16.962	59.989
4416.383	5217.422	2.834	3547.847	226.430
1.001	14.700			
4/19/2016 5:30:00 PM	619200.000	26.323	16.963	59.999
4417.762	5218.939	2.835	3548.879	226.359
1.001	14.689			
4/19/2016 5:45:00 PM	620100.000	26.330	16.962	60.015
4417.134	5218.247	2.835	3548.408	226.391
1.001	14.690			
4/19/2016 6:00:00 PM	621000.000	26.325	16.962	60.003
4417.720	5218.918	2.835	3548.865	226.361
1.001	14.689			
4/19/2016 6:15:00 PM	621900.000	26.326	16.962	60.004
4418.747	5220.194	2.836	3549.732	226.309
1.001	14.690			
4/19/2016 6:30:00 PM	622800.000	26.329	16.962	60.012
4420.055	5221.760	2.837	3550.797	226.242
1.001	14.689			
4/19/2016 6:45:00 PM	623700.000	26.330	16.962	60.014
4419.164	5220.676	2.836	3550.060	226.287
1.001	14.687			
4/19/2016 7:00:00 PM	624600.000	26.319	16.962	59.988

4419.443 5221.026 2.836 3550.298 226.273
1.001 14.688
4/19/2016 7:15:00 PM 625500.000 26.319 16.962 59.990
4418.984 5220.433 2.836 3549.895 226.296
1.001 14.693
4/19/2016 7:30:00 PM 626400.000 26.322 16.962 59.996
4419.959 5221.636 2.837 3550.713 226.246
1.001 14.690
4/19/2016 7:45:00 PM 627300.000 26.326 16.961 60.004
4419.812 5221.526 2.837 3550.638 226.254
1.001 14.685
4/19/2016 8:00:00 PM 628200.000 26.321 16.962 59.993
4419.277 5220.791 2.836 3550.138 226.281
1.001 14.694
4/19/2016 8:15:00 PM 629100.000 26.325 16.962 60.002
4420.832 5222.657 2.837 3551.407 226.202
1.001 14.698
4/19/2016 8:30:00 PM 630000.000 26.322 16.961 59.995
4420.399 5222.208 2.837 3551.102 226.224
1.001 14.699
4/19/2016 8:45:00 PM 630900.000 26.326 16.963 60.005
4420.513 5222.126 2.837 3551.046 226.218
1.001 14.696
4/19/2016 9:00:00 PM 631800.000 26.316 16.962 59.982
4421.649 5223.664 2.838 3552.092 226.160
1.001 14.706
4/19/2016 9:15:00 PM 632700.000 26.320 16.962 59.991
4421.454 5223.434 2.838 3551.935 226.170
1.001 14.705
4/19/2016 9:30:00 PM 633600.000 26.318 16.962 59.987
4421.107 5222.963 2.837 3551.615 226.188
1.001 14.709
4/19/2016 9:45:00 PM 634500.000 26.320 16.962 59.991
4419.347 5220.893 2.836 3550.207 226.278
1.001 14.706
4/19/2016 10:00:00 PM 635400.000 26.319 16.962 59.990
4420.248 5221.904 2.837 3550.895 226.232
1.001 14.709
4/19/2016 10:15:00 PM 636300.000 26.316 16.962 59.981
4419.479 5220.997 2.836 3550.278 226.271
1.001 14.710
4/19/2016 10:30:00 PM 637200.000 26.325 16.962 60.002
4419.255 5220.723 2.836 3550.092 226.282
1.001 14.707
4/19/2016 10:45:00 PM 638100.000 26.323 16.962 59.998
4418.263 5219.623 2.835 3549.343 226.333
1.001 14.707
4/19/2016 11:00:00 PM 639000.000 26.323 16.961 59.999
4418.186 5219.593 2.835 3549.323 226.337
1.001 14.704
4/19/2016 11:15:00 PM 639900.000 26.322 16.962 59.996
4418.365 5219.692 2.836 3549.391 226.328
1.001 14.703
4/19/2016 11:30:00 PM 640800.000 26.328 16.961 60.009
4417.742 5219.069 2.835 3548.967 226.360
1.001 14.707

4/19/2016 11:45:00 PM 641700.000 26.328 16.962 60.010
4417.770 5219.050 2.835 3548.955 226.359
1.001 14.699
4/20/2016 12:00:00 AM 642600.000 26.322 16.962 59.997
4417.099 5218.257 2.835 3548.415 226.393
1.001 14.705
4/20/2016 12:15:00 AM 643500.000 26.314 16.963 59.977
4417.865 5219.018 2.835 3548.932 226.354
1.001 14.703
4/20/2016 12:30:00 AM 644400.000 26.325 16.961 60.002
4418.209 5219.611 2.835 3549.336 226.336
1.001 14.706
4/20/2016 12:45:00 AM 645300.000 26.314 16.961 59.979
4418.710 5220.233 2.836 3549.759 226.310
1.001 14.712
4/20/2016 1:00:00 AM 646200.000 26.323 16.962 59.997
4419.305 5220.854 2.836 3550.181 226.280
1.001 14.705
4/20/2016 1:15:00 AM 647100.000 26.318 16.962 59.987
4418.502 5219.946 2.836 3549.564 226.321
1.001 14.708
4/20/2016 1:30:00 AM 648000.000 26.327 16.961 60.006
4419.339 5220.996 2.836 3550.278 226.278
1.001 14.704
4/20/2016 1:45:00 AM 648900.000 26.323 16.962 59.998
4419.766 5221.335 2.836 3550.508 226.256
1.001 14.703
4/20/2016 2:00:00 AM 649800.000 26.329 16.961 60.011
4418.334 5219.759 2.836 3549.436 226.330
1.001 14.697
4/20/2016 2:15:00 AM 650700.000 26.321 16.963 59.994
4419.806 5221.354 2.836 3550.521 226.254
1.001 14.706
4/20/2016 2:30:00 AM 651600.000 26.322 16.961 59.995
4419.105 5220.741 2.836 3550.104 226.290
1.001 14.707
4/20/2016 2:45:00 AM 652500.000 26.314 16.961 59.977
4419.542 5221.269 2.836 3550.463 226.268
1.001 14.707
4/20/2016 3:00:00 AM 653400.000 26.317 16.962 59.984
4418.984 5220.516 2.836 3549.951 226.296
1.001 14.704
4/20/2016 3:15:00 AM 654300.000 26.324 16.962 60.001
4419.395 5220.960 2.836 3550.253 226.275
1.001 14.703
4/20/2016 3:30:00 AM 655200.000 26.320 16.962 59.991
4419.742 5221.390 2.836 3550.545 226.258
1.001 14.701
4/20/2016 3:45:00 AM 656100.000 26.324 16.961 60.001
4420.281 5222.100 2.837 3551.028 226.230
1.001 14.694
4/20/2016 4:00:00 AM 657000.000 26.328 16.962 60.009
4418.928 5220.378 2.836 3549.857 226.299
1.001 14.699
4/20/2016 4:15:00 AM 657900.000 26.324 16.961 60.000
4419.252 5220.844 2.836 3550.174 226.283

1.001 14.703
4/20/2016 4:30:00 AM 658800.000 26.327 16.961 60.008
4419.445 5221.081 2.836 3550.335 226.273
1.001 14.700
4/20/2016 4:45:00 AM 659700.000 26.325 16.962 60.002
4420.180 5221.845 2.837 3550.855 226.235
1.001 14.700
4/20/2016 5:00:00 AM 660600.000 26.325 16.961 60.003
4419.993 5221.760 2.837 3550.797 226.245
1.001 14.700
4/20/2016 5:15:00 AM 661500.000 26.318 16.961 59.987
4420.527 5222.380 2.837 3551.219 226.217
1.001 14.702
4/20/2016 5:30:00 AM 662400.000 26.309 16.962 59.966
4420.188 5221.927 2.837 3550.911 226.235
1.001 14.707
4/20/2016 5:45:00 AM 663300.000 26.327 16.962 60.008
4421.247 5223.189 2.838 3551.769 226.181
1.001 14.697
4/20/2016 6:00:00 AM 664200.000 26.331 16.961 60.016
4420.885 5222.823 2.837 3551.520 226.199
1.001 14.698
4/20/2016 6:15:00 AM 665100.000 26.326 16.963 60.006
4421.302 5223.058 2.837 3551.680 226.178
1.001 14.699
4/20/2016 6:30:00 AM 666000.000 26.323 16.961 59.998
4420.300 5222.131 2.837 3551.050 226.229
1.001 14.700
4/20/2016 6:45:00 AM 666900.000 26.317 16.962 59.984
4421.315 5223.208 2.838 3551.782 226.177
1.001 14.707
4/20/2016 7:00:00 AM 667800.000 26.313 16.961 59.975
4420.599 5222.476 2.837 3551.284 226.214
1.001 14.704
4/20/2016 7:15:00 AM 668700.000 26.323 16.962 59.998
4420.375 5222.160 2.837 3551.069 226.225
1.001 14.706
4/20/2016 7:30:00 AM 669600.000 26.328 16.961 60.009
4421.575 5223.659 2.838 3552.088 226.164
1.001 14.700
4/20/2016 7:45:00 AM 670500.000 26.322 16.962 59.996
4420.331 5222.097 2.837 3551.026 226.227
1.001 14.706
4/20/2016 8:00:00 AM 671400.000 26.321 16.962 59.994
4420.277 5222.033 2.837 3550.982 226.230
1.001 14.707
4/20/2016 8:15:00 AM 672300.000 26.318 16.962 59.987
4420.821 5222.665 2.837 3551.412 226.202
1.001 14.711
4/20/2016 8:30:00 AM 673200.000 26.322 16.962 59.997
4421.134 5223.056 2.837 3551.678 226.186
1.001 14.710
4/20/2016 8:45:00 AM 674100.000 26.323 16.962 59.999
4420.009 5221.686 2.837 3550.746 226.244
1.001 14.708
4/20/2016 9:00:00 AM 675000.000 26.313 16.962 59.975

4419.814 5221.444 2.837 3550.583 226.254
1.001 14.709
4/20/2016 9:15:00 AM 675900.000 26.317 16.962 59.985
4419.918 5221.527 2.837 3550.638 226.249
1.001 14.713
4/20/2016 9:30:00 AM 676800.000 26.321 16.962 59.994
4420.351 5222.059 2.837 3551.000 226.226
1.001 14.713
4/20/2016 9:45:00 AM 677700.000 26.306 16.961 59.960
4419.930 5221.666 2.837 3550.733 226.248
1.001 14.722
4/20/2016 10:00:00 AM 678600.000 26.310 16.962 59.968
4419.013 5220.498 2.836 3549.939 226.295
1.001 14.715
4/20/2016 10:15:00 AM 679500.000 26.320 16.961 59.991
4418.940 5220.485 2.836 3549.930 226.299
1.001 14.714
4/20/2016 10:30:00 AM 680400.000 26.322 16.963 59.995
4419.894 5221.406 2.836 3550.556 226.250
1.001 14.710
4/20/2016 10:45:00 AM 681300.000 26.304 16.962 59.955
4419.933 5221.615 2.837 3550.699 226.248
1.001 14.719
4/20/2016 11:00:00 AM 682200.000 26.311 16.962 59.971
4419.871 5221.512 2.837 3550.628 226.251
1.001 14.720
4/20/2016 11:15:00 AM 683100.000 26.309 16.961 59.967
4418.946 5220.491 2.836 3549.934 226.298
1.001 14.723
4/20/2016 11:30:00 AM 684000.000 26.319 16.962 59.989
4419.708 5221.287 2.836 3550.476 226.259
1.001 14.715
4/20/2016 11:45:00 AM 684900.000 26.320 16.962 59.992
4419.874 5221.495 2.837 3550.617 226.251
1.001 14.713
4/20/2016 12:00:00 PM 685800.000 26.307 16.962 59.961
4419.245 5220.720 2.836 3550.090 226.283
1.001 14.720
4/20/2016 12:15:00 PM 686700.000 26.317 16.962 59.984
4419.590 5221.210 2.836 3550.423 226.265
1.001 14.717
4/20/2016 12:30:00 PM 687600.000 26.316 16.962 59.983
4419.449 5220.972 2.836 3550.261 226.273
1.001 14.718
4/20/2016 12:45:00 PM 688500.000 26.320 16.962 59.992
4418.542 5219.932 2.836 3549.554 226.319
1.001 14.715
4/20/2016 1:00:00 PM 689400.000 26.312 16.962 59.974
4418.747 5220.183 2.836 3549.725 226.309
1.001 14.717
4/20/2016 1:15:00 PM 690300.000 26.313 16.962 59.976
4417.983 5219.241 2.835 3549.084 226.348
1.001 14.719
4/20/2016 1:30:00 PM 691200.000 26.313 16.962 59.976
4418.683 5220.108 2.836 3549.674 226.312
1.001 14.720

4/20/2016 1:45:00 PM	692100.000	26.315	16.962	59.980
4417.896	5219.139	2.835	3549.015	226.352
1.001	14.717			
4/20/2016 2:00:00 PM	693000.000	26.321	16.962	59.993
4418.962	5220.429	2.836	3549.892	226.297
1.001	14.712			
4/20/2016 2:15:00 PM	693900.000	26.315	16.961	59.979
4417.866	5219.206	2.835	3549.060	226.354
1.001	14.715			
4/20/2016 2:30:00 PM	694800.000	26.313	16.963	59.976
4418.066	5219.277	2.835	3549.108	226.343
1.001	14.714			
4/20/2016 2:45:00 PM	695700.000	26.326	16.961	60.005
4419.942	5221.659	2.837	3550.728	226.247
1.001	14.705			
4/20/2016 3:00:00 PM	696600.000	26.320	16.962	59.990
4418.475	5219.843	2.836	3549.493	226.322
1.001	14.711			
4/20/2016 3:15:00 PM	697500.000	26.314	16.962	59.978
4419.027	5220.475	2.836	3549.923	226.294
1.001	14.715			
4/20/2016 3:30:00 PM	698400.000	26.309	16.963	59.966
4418.911	5220.306	2.836	3549.808	226.300
1.001	14.710			
4/20/2016 3:45:00 PM	699300.000	26.319	16.962	59.989
4419.286	5220.831	2.836	3550.165	226.281
1.001	14.706			
4/20/2016 4:00:00 PM	700200.000	26.317	16.962	59.984
4419.112	5220.626	2.836	3550.026	226.290
1.001	14.706			
4/20/2016 4:15:00 PM	701100.000	26.310	16.962	59.968
4419.152	5220.631	2.836	3550.030	226.288
1.001	14.709			
4/20/2016 4:30:00 PM	702000.000	26.311	16.962	59.970
4418.900	5220.407	2.836	3549.877	226.301
1.001	14.705			
4/20/2016 4:45:00 PM	702900.000	26.311	16.961	59.971
4418.726	5220.263	2.836	3549.779	226.310
1.001	14.706			
4/20/2016 5:00:00 PM	703800.000	26.313	16.962	59.977
4419.617	5221.253	2.836	3550.452	226.264
1.001	14.703			
4/20/2016 5:15:00 PM	704700.000	26.315	16.962	59.981
4420.098	5221.800	2.837	3550.824	226.239
1.001	14.706			
4/20/2016 5:30:00 PM	705600.000	26.322	16.962	59.995
4420.221	5221.864	2.837	3550.868	226.233
1.001	14.696			
4/20/2016 5:45:00 PM	706500.000	26.323	16.962	59.998
4420.515	5222.263	2.837	3551.139	226.218
1.001	14.699			
4/20/2016 6:00:00 PM	707400.000	26.316	16.962	59.982
4421.149	5222.981	2.837	3551.628	226.186
1.001	14.704			
4/20/2016 6:15:00 PM	708300.000	26.300	16.962	59.947
4420.907	5222.716	2.837	3551.447	226.198

1.001 14.703
4/20/2016 6:30:00 PM 709200.000 26.323 16.962 59.999
4420.532 5222.334 2.837 3551.188 226.217
1.001 14.702
4/20/2016 6:45:00 PM 710100.000 26.316 16.962 59.982
4419.949 5221.552 2.837 3550.655 226.247
1.001 14.701
4/20/2016 7:00:00 PM 711000.000 26.317 16.962 59.984
4420.852 5222.723 2.837 3551.452 226.201
1.001 14.701
4/20/2016 7:15:00 PM 711900.000 26.312 16.962 59.973
4421.148 5222.980 2.837 3551.627 226.186
1.001 14.706
4/20/2016 7:30:00 PM 712800.000 26.315 16.962 59.979
4421.667 5223.602 2.838 3552.049 226.159
1.001 14.699
4/20/2016 7:45:00 PM 713700.000 26.312 16.962 59.973
4420.156 5221.817 2.837 3550.836 226.236
1.001 14.705
4/20/2016 8:00:00 PM 714600.000 26.313 16.962 59.976
4419.868 5221.539 2.837 3550.646 226.251
1.001 14.697
4/20/2016 8:15:00 PM 715500.000 26.317 16.962 59.985
4420.927 5222.801 2.837 3551.505 226.197
1.001 14.699
4/20/2016 8:30:00 PM 716400.000 26.314 16.962 59.977
4421.194 5223.086 2.837 3551.699 226.183
1.001 14.700
4/20/2016 8:45:00 PM 717300.000 26.309 16.961 59.966
4420.802 5222.675 2.837 3551.419 226.203
1.001 14.703
4/20/2016 9:00:00 PM 718200.000 26.310 16.962 59.968
4421.613 5223.622 2.838 3552.063 226.162
1.001 14.714
4/20/2016 9:15:00 PM 719100.000 26.313 16.962 59.976
4420.819 5222.631 2.837 3551.389 226.202
1.001 14.708
4/20/2016 9:30:00 PM 720000.000 26.313 16.962 59.976
4422.081 5224.164 2.838 3552.431 226.138
1.001 14.711
4/20/2016 9:45:00 PM 720900.000 26.317 16.962 59.985
4420.842 5222.680 2.837 3551.422 226.201
1.001 14.708
4/20/2016 10:00:00 PM 721800.000 26.314 16.962 59.978
4421.129 5222.946 2.837 3551.604 226.187
1.001 14.709
4/20/2016 10:15:00 PM 722700.000 26.309 16.962 59.966
4420.819 5222.652 2.837 3551.404 226.202
1.001 14.715
4/20/2016 10:30:00 PM 723600.000 26.313 16.962 59.975
4419.960 5221.669 2.837 3550.735 226.246
1.001 14.713
4/20/2016 10:45:00 PM 724500.000 26.309 16.962 59.966
4420.147 5221.828 2.837 3550.844 226.237
1.001 14.711
4/20/2016 11:00:00 PM 725400.000 26.312 16.962 59.972

4419.908 5221.566 2.837 3550.665 226.249
1.001 14.710
4/20/2016 11:15:00 PM 726300.000 26.309 16.962 59.966
4419.273 5220.774 2.836 3550.126 226.282
1.001 14.710
4/20/2016 11:30:00 PM 727200.000 26.312 16.962 59.973
4419.749 5221.398 2.836 3550.551 226.257
1.001 14.708
4/20/2016 11:45:00 PM 728100.000 26.319 16.962 59.989
4420.043 5221.756 2.837 3550.795 226.242
1.001 14.703

Report Date: 4/22/2016 8:17:59 AM
Report User Name: KMakar
Report Computer Name: WKST46
Application: WinSitu.exe
Application Version: 5.6.25.0

Log File Properties:
File Name: MPWSP TSW Trans 2_2016-04-21_10-51-34-178.wsl
Create Date: 4/21/2016 10:51:30 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

Log Data:
Record Count: 854
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	Sensor: PCTD(G) 231ft
Date and Time	Elapsed Time Seconds	SN#: 396433 Pressure (PSI)	SN#: 396433 Temperature (C)	SN#: 396433 Depth (ft)	SN#: 396433 Actual Conductivity (µS)	SN#: 396433 Specific Conductivity (µS)	SN#: 396433 Salinity (PSU)	SN#: 396433 Total Dissolved Solids (ppt)	SN#: 396433 Resistivity (ohm-cm)	SN#: 396433 Water Density (g/cm3)
4/14/2016 12:00:00 AM	124200.000	27.332	14.738	61.568	38012.766	47279.984	30.769	32.150	26.307	1.023
4/14/2016 12:15:00 AM	125100.000	27.325	14.729	61.553	38002.559	47277.359	30.766	32.149	26.314	1.023
4/14/2016 12:30:00 AM	126000.000	27.327	14.715	61.557	38009.363	47301.695	30.783	32.165	26.309	1.023
4/14/2016 12:45:00 AM	126900.000	27.332	14.721	61.568	37985.703	47264.969	30.757	32.140	26.326	1.023
4/14/2016 1:00:00 AM	127800.000	27.332	14.738	61.568	38010.617	47277.313	30.767	32.149	26.308	1.023
4/14/2016 1:15:00 AM	128700.000	27.354	14.729	61.618	38029.703	47311.223	30.791	32.172	26.295	1.023
4/14/2016 1:30:00 AM	129600.000	27.354	14.764	61.618	38018.148	47256.969	30.754	32.135	26.303	1.023
4/14/2016 1:45:00 AM	130500.000	27.346	14.758	61.600	38037.672	47288.715	30.777	32.156	26.290	1.023
4/14/2016 2:00:00 AM	131400.000	27.372	14.771	61.658	38060.723	47302.203	30.787	32.166	26.274	1.023
4/14/2016 2:15:00 AM	132300.000	27.373	14.758	61.661	38087.195	47349.871	30.821	32.198	26.256	1.023
4/14/2016 2:30:00 AM	133200.000	27.400	14.736	61.722	38023.477	47295.813	30.780	32.161	26.300	1.023

4/14/2016 2:45:00 AM	134100.000	27.387	14.712	61.692
37980.977	47269.164	30.759	32.143	26.329
1.023				
4/14/2016 3:00:00 AM	135000.000	27.409	14.663	61.742
37924.258	47254.273	30.745	32.133	26.368
1.023				
4/14/2016 3:15:00 AM	135900.000	27.438	14.655	61.808
37959.520	47306.301	30.782	32.168	26.344
1.023				
4/14/2016 3:30:00 AM	136800.000	27.420	14.673	61.767
37958.066	47285.102	30.768	32.154	26.345
1.023				
4/14/2016 3:45:00 AM	137700.000	27.435	14.653	61.800
37982.895	47338.750	30.805	32.190	26.328
1.023				
4/14/2016 4:00:00 AM	138600.000	27.452	14.631	61.838
37999.305	47383.355	30.836	32.221	26.316
1.023				
4/14/2016 4:15:00 AM	139500.000	27.470	14.614	61.879
38010.395	47416.457	30.858	32.243	26.309
1.023				
4/14/2016 4:30:00 AM	140400.000	27.463	14.610	61.862
38041.234	47459.348	30.889	32.272	26.287
1.023				
4/14/2016 4:45:00 AM	141300.000	27.474	14.609	61.888
38052.594	47475.230	30.901	32.283	26.279
1.023				
4/14/2016 5:00:00 AM	142200.000	27.475	14.589	61.891
38070.484	47520.195	30.932	32.314	26.267
1.023				
4/14/2016 5:15:00 AM	143100.001	27.492	14.591	61.929
38100.547	47555.402	30.957	32.338	26.246
1.023				
4/14/2016 5:30:00 AM	144000.000	27.484	14.583	61.909
38151.387	47627.137	31.009	32.386	26.211
1.023				
4/14/2016 5:45:00 AM	144900.000	27.508	14.586	61.964
38138.887	47609.109	30.996	32.374	26.220
1.023				
4/14/2016 6:00:00 AM	145800.000	27.513	14.606	61.976
38210.852	47675.793	31.046	32.420	26.171
1.023				
4/14/2016 6:15:00 AM	146700.000	27.523	14.610	61.997
38240.258	47708.043	31.069	32.441	26.150
1.023				
4/14/2016 6:30:00 AM	147600.000	27.512	14.623	61.974
38309.688	47780.195	31.123	32.491	26.103
1.023				
4/14/2016 6:45:00 AM	148500.000	27.508	14.651	61.964
38335.363	47780.250	31.125	32.491	26.086
1.023				
4/14/2016 7:00:00 AM	149400.000	27.506	14.659	61.960
38355.941	47796.098	31.137	32.501	26.072
1.023				
4/14/2016 7:15:00 AM	150300.000	27.527	14.651	62.007
38337.895	47783.301	31.127	32.493	26.084
1.023				

4/14/2016 7:30:00 AM	151200.001	27.512	14.614	61.974
38279.785	47753.012	31.102	32.472	26.123
1.023				
4/14/2016 7:45:00 AM	152100.000	27.516	14.615	61.983
38281.250	47753.012	31.102	32.472	26.122
1.023				
4/14/2016 8:00:00 AM	153000.000	27.505	14.579	61.958
38252.215	47757.969	31.103	32.475	26.142
1.023				
4/14/2016 8:15:00 AM	153900.000	27.505	14.561	61.957
38181.715	47690.063	31.053	32.429	26.191
1.023				
4/14/2016 8:30:00 AM	154800.000	27.500	14.551	61.946
38174.480	47692.563	31.054	32.431	26.196
1.023				
4/14/2016 8:45:00 AM	155700.000	27.500	14.545	61.946
38138.977	47654.781	31.026	32.405	26.220
1.023				
4/14/2016 9:00:00 AM	156600.000	27.488	14.553	61.920
38091.371	47586.711	30.977	32.359	26.253
1.023				
4/14/2016 9:15:00 AM	157500.000	27.476	14.551	61.893
38046.887	47532.965	30.938	32.322	26.283
1.023				
4/14/2016 9:30:00 AM	158400.000	27.476	14.559	61.893
38003.445	47470.016	30.893	32.280	26.313
1.023				
4/14/2016 9:45:00 AM	159300.000	27.465	14.562	61.868
37950.352	47399.875	30.842	32.232	26.350
1.023				
4/14/2016 10:00:00 AM	160200.000	27.450	14.553	61.834
37914.727	47366.535	30.818	32.209	26.375
1.023				
4/14/2016 10:15:00 AM	161100.000	27.448	14.566	61.829
37919.117	47356.949	30.812	32.203	26.372
1.023				
4/14/2016 10:30:00 AM	162000.000	27.420	14.575	61.765
37898.270	47320.977	30.786	32.178	26.386
1.023				
4/14/2016 10:45:00 AM	162900.000	27.418	14.579	61.761
37886.621	47301.816	30.773	32.165	26.395
1.023				
4/14/2016 11:00:00 AM	163800.000	27.398	14.570	61.718
37807.422	47212.746	30.708	32.105	26.450
1.023				
4/14/2016 11:15:00 AM	164700.000	27.399	14.603	61.718
37856.449	47236.922	30.728	32.121	26.416
1.023				
4/14/2016 11:30:00 AM	165600.000	27.384	14.594	61.686
37828.121	47211.781	30.709	32.104	26.435
1.023				
4/14/2016 11:45:00 AM	166500.000	27.378	14.608	61.672
37821.301	47187.355	30.692	32.087	26.440
1.023				
4/14/2016 12:00:00 PM	167400.000	27.363	14.606	61.638
37820.637	47188.734	30.693	32.088	26.441
1.023				

4/14/2016 12:15:00 PM	168300.000	27.345	14.616	61.596
37763.301	47106.516	30.634	32.032	26.481
1.023				
4/14/2016 12:30:00 PM	169200.000	27.338	14.637	61.582
37821.117	47154.570	30.671	32.065	26.440
1.023				
4/14/2016 12:45:00 PM	170100.000	27.350	14.629	61.607
37741.516	47064.789	30.605	32.004	26.496
1.023				
4/14/2016 1:00:00 PM	171000.000	27.338	14.621	61.582
37778.840	47119.516	30.644	32.041	26.470
1.023				
4/14/2016 1:15:00 PM	171900.000	27.315	14.636	61.529
37786.453	47112.742	30.640	32.037	26.465
1.023				
4/14/2016 1:30:00 PM	172800.000	27.321	14.644	61.544
37797.660	47117.945	30.645	32.040	26.457
1.023				
4/14/2016 1:45:00 PM	173700.000	27.321	14.643	61.544
37762.605	47074.750	30.613	32.011	26.481
1.023				
4/14/2016 2:00:00 PM	174600.000	27.312	14.636	61.524
37730.988	47042.805	30.590	31.989	26.503
1.023				
4/14/2016 2:15:00 PM	175500.000	27.320	14.648	61.541
37733.695	47033.637	30.584	31.983	26.502
1.023				
4/14/2016 2:30:00 PM	176400.000	27.310	14.658	61.519
37726.984	47013.629	30.570	31.969	26.506
1.023				
4/14/2016 2:45:00 PM	177300.000	27.323	14.680	61.547
37812.063	47095.156	30.631	32.025	26.447
1.023				
4/14/2016 3:00:00 PM	178200.001	27.323	14.656	61.547
37740.688	47033.090	30.584	31.983	26.497
1.023				
4/14/2016 3:15:00 PM	179100.000	27.328	14.691	61.559
37801.625	47069.813	30.613	32.007	26.454
1.023				
4/14/2016 3:30:00 PM	180000.000	27.325	14.682	61.552
37787.820	47062.977	30.608	32.003	26.464
1.023				
4/14/2016 3:45:00 PM	180900.000	27.329	14.692	61.561
37779.527	47041.402	30.593	31.988	26.469
1.023				
4/14/2016 4:00:00 PM	181800.000	27.331	14.681	61.565
37766.887	47037.492	30.589	31.985	26.478
1.023				
4/14/2016 4:15:00 PM	182700.000	27.357	14.702	61.625
37816.480	47076.172	30.619	32.012	26.443
1.023				
4/14/2016 4:30:00 PM	183600.000	27.334	14.716	61.572
37803.746	47044.027	30.597	31.990	26.452
1.023				
4/14/2016 4:45:00 PM	184500.000	27.349	14.742	61.605
37852.844	47076.805	30.622	32.012	26.418
1.023				

4/14/2016 5:00:00 PM	185400.000	27.372	14.726	61.658
37866.172	47110.773	30.646	32.035	26.409
1.023				
4/14/2016 5:15:00 PM	186300.000	27.355	14.746	61.620
37829.410	47043.191	30.598	31.989	26.434
1.023				
4/14/2016 5:30:00 PM	187200.000	27.376	14.704	61.666
37825.762	47085.250	30.625	32.018	26.437
1.023				
4/14/2016 5:45:00 PM	188100.000	27.386	14.702	61.690
37775.180	47024.758	30.582	31.977	26.472
1.023				
4/14/2016 6:00:00 PM	189000.000	27.389	14.631	61.696
37786.227	47117.949	30.644	32.040	26.465
1.023				
4/14/2016 6:15:00 PM	189900.000	27.405	14.668	61.732
37763.824	47048.391	30.596	31.993	26.480
1.023				
4/14/2016 6:30:00 PM	190800.000	27.443	14.705	61.819
37826.000	47084.855	30.625	32.018	26.437
1.023				
4/14/2016 6:45:00 PM	191700.000	27.442	14.711	61.815
37872.336	47134.855	30.662	32.052	26.404
1.023				
4/14/2016 7:00:00 PM	192600.000	27.443	14.718	61.819
37922.063	47189.469	30.702	32.089	26.370
1.023				
4/14/2016 7:15:00 PM	193500.000	27.460	14.719	61.857
37931.340	47200.320	30.710	32.096	26.363
1.023				
4/14/2016 7:30:00 PM	194400.000	27.435	14.725	61.801
37918.395	47177.043	30.693	32.080	26.372
1.023				
4/14/2016 7:45:00 PM	195300.000	27.465	14.705	61.867
38002.852	47304.480	30.784	32.167	26.314
1.023				
4/14/2016 8:00:00 PM	196200.000	27.481	14.709	61.903
37970.043	47258.953	30.752	32.136	26.337
1.023				
4/14/2016 8:15:00 PM	197100.000	27.468	14.712	61.875
37978.324	47265.762	30.757	32.141	26.331
1.023				
4/14/2016 8:30:00 PM	198000.000	27.474	14.703	61.889
38004.555	47308.711	30.787	32.170	26.313
1.023				
4/14/2016 8:45:00 PM	198900.000	27.481	14.700	61.903
38023.484	47336.363	30.807	32.189	26.300
1.023				
4/14/2016 9:00:00 PM	199800.000	27.475	14.694	61.891
38012.832	47329.316	30.801	32.184	26.307
1.023				
4/14/2016 9:15:00 PM	200700.000	27.484	14.669	61.911
37997.832	47338.734	30.806	32.190	26.317
1.023				
4/14/2016 9:30:00 PM	201600.000	27.492	14.673	61.929
37975.672	47307.133	30.784	32.169	26.333
1.023				

4/14/2016 9:45:00 PM	202500.000	27.492	14.682	61.928
38020.891	47352.445	30.817	32.200	26.301
1.023				
4/14/2016 10:00:00 PM	203400.000	27.475	14.633	61.889
37962.457	47335.004	30.801	32.188	26.342
1.023				
4/14/2016 10:15:00 PM	204300.000	27.498	14.642	61.943
38004.625	47378.238	30.833	32.217	26.313
1.023				
4/14/2016 10:30:00 PM	205200.000	27.483	14.638	61.907
37984.969	47357.660	30.818	32.203	26.326
1.023				
4/14/2016 10:45:00 PM	206100.000	27.487	14.645	61.916
37994.430	47361.734	30.821	32.206	26.320
1.023				
4/14/2016 11:00:00 PM	207000.000	27.494	14.626	61.932
37981.629	47366.824	30.823	32.209	26.329
1.023				
4/14/2016 11:15:00 PM	207900.000	27.489	14.630	61.921
37961.539	47337.762	30.803	32.190	26.342
1.023				
4/14/2016 11:30:00 PM	208800.000	27.484	14.608	61.910
37957.609	47357.836	30.815	32.203	26.345
1.023				
4/14/2016 11:45:00 PM	209700.000	27.487	14.599	61.916
37902.531	47299.227	30.772	32.163	26.383
1.023				
4/15/2016 12:00:00 AM	210600.000	27.489	14.632	61.923
37893.102	47250.023	30.739	32.130	26.390
1.023				
4/15/2016 12:15:00 AM	211500.000	27.485	14.600	61.914
37893.371	47286.594	30.763	32.155	26.390
1.023				
4/15/2016 12:30:00 AM	212400.000	27.489	14.611	61.923
37938.141	47330.324	30.796	32.185	26.359
1.023				
4/15/2016 12:45:00 AM	213300.000	27.483	14.596	61.908
37864.215	47254.309	30.740	32.133	26.410
1.023				
4/15/2016 1:00:00 AM	214200.000	27.491	14.621	61.926
37929.855	47308.465	30.781	32.170	26.364
1.023				
4/15/2016 1:15:00 AM	215100.000	27.484	14.608	61.910
37873.586	47252.395	30.739	32.132	26.404
1.023				
4/15/2016 1:30:00 AM	216000.000	27.493	14.606	61.932
37852.234	47228.156	30.721	32.115	26.419
1.023				
4/15/2016 1:45:00 AM	216900.000	27.481	14.607	61.903
37848.828	47222.605	30.718	32.111	26.421
1.023				
4/15/2016 2:00:00 AM	217800.000	27.493	14.637	61.932
37853.563	47195.516	30.700	32.093	26.418
1.023				
4/15/2016 2:15:00 AM	218700.000	27.507	14.627	61.961
37829.836	47176.137	30.685	32.080	26.434
1.023				

4/15/2016 2:30:00 AM	219600.000	27.502	14.613	61.950
37852.047	47220.227	30.716	32.110	26.419
1.023				
4/15/2016 2:45:00 AM	220500.000	27.513	14.620	61.976
37833.617	47189.238	30.694	32.089	26.432
1.023				
4/15/2016 3:00:00 AM	221400.000	27.500	14.651	61.945
37885.867	47219.617	30.719	32.109	26.395
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4/15/2016 3:15:00 AM	222300.000	27.504	14.609	61.956
37844.992	47215.422	30.713	32.106	26.424
1.023				
4/15/2016 3:30:00 AM	223200.000	27.512	14.646	61.974
37892.977	47234.078	30.729	32.119	26.390
1.023				
4/15/2016 3:45:00 AM	224100.000	27.518	14.659	61.988
37900.016	47227.961	30.725	32.115	26.385
1.023				
4/15/2016 4:00:00 AM	225000.000	27.543	14.663	62.043
37926.355	47256.684	30.746	32.135	26.367
1.023				
4/15/2016 4:15:00 AM	225900.000	27.538	14.654	62.032
37925.426	47265.320	30.752	32.140	26.368
1.023				
4/15/2016 4:30:00 AM	226800.000	27.538	14.650	62.032
37919.141	47261.676	30.749	32.138	26.372
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4/15/2016 4:45:00 AM	227700.000	27.562	14.674	62.087
37952.395	47276.531	30.762	32.148	26.349
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4/15/2016 5:00:00 AM	228600.000	27.553	14.639	62.067
37935.633	47295.246	30.773	32.161	26.360
1.023				
4/15/2016 5:15:00 AM	229500.000	27.556	14.645	62.072
37961.461	47320.027	30.791	32.178	26.343
1.023				
4/15/2016 5:30:00 AM	230400.000	27.570	14.626	62.104
37969.746	47352.816	30.813	32.200	26.337
1.023				
4/15/2016 5:45:00 AM	231300.000	27.572	14.621	62.108
37999.082	47394.402	30.843	32.228	26.316
1.023				
4/15/2016 6:00:00 AM	232200.000	27.578	14.630	62.122
37991.477	47375.387	30.830	32.215	26.322
1.023				
4/15/2016 6:15:00 AM	233100.000	27.586	14.610	62.141
37993.617	47400.047	30.846	32.232	26.320
1.023				
4/15/2016 6:30:00 AM	234000.000	27.588	14.613	62.144
38080.566	47505.500	30.923	32.304	26.260
1.023				
4/15/2016 6:45:00 AM	234900.000	27.590	14.604	62.149
38036.480	47460.242	30.889	32.273	26.291
1.023				
4/15/2016 7:00:00 AM	235800.000	27.594	14.596	62.158
38044.746	47479.813	30.903	32.286	26.285
1.023				

4/15/2016 7:15:00 AM	236700.000	27.603	14.615	62.178
38122.645	47555.672	30.959	32.338	26.231
1.023				
4/15/2016 7:30:00 AM	237600.000	27.605	14.599	62.183
38077.656	47516.863	30.930	32.311	26.262
1.023				
4/15/2016 7:45:00 AM	238500.000	27.600	14.583	62.173
38060.258	47513.375	30.926	32.309	26.274
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4/15/2016 8:00:00 AM	239400.000	27.596	14.601	62.162
38049.547	47479.879	30.903	32.286	26.282
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4/15/2016 8:15:00 AM	240300.000	27.591	14.559	62.152
38027.461	47499.613	30.914	32.300	26.297
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4/15/2016 8:30:00 AM	241200.000	27.588	14.577	62.144
38028.797	47481.148	30.902	32.287	26.296
1.023				
4/15/2016 8:45:00 AM	242100.000	27.586	14.566	62.140
37997.238	47454.516	30.882	32.269	26.318
1.023				
4/15/2016 9:00:00 AM	243000.000	27.590	14.570	62.150
38001.672	47455.719	30.883	32.270	26.315
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4/15/2016 9:15:00 AM	243900.000	27.569	14.545	62.103
37943.957	47411.191	30.849	32.240	26.355
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4/15/2016 9:30:00 AM	244800.000	27.569	14.554	62.103
37929.680	47384.109	30.830	32.221	26.365
1.023				
4/15/2016 9:45:00 AM	245700.000	27.553	14.567	62.065
37931.820	47372.105	30.823	32.213	26.363
1.023				
4/15/2016 10:00:00 AM	246600.000	27.541	14.551	62.039
37860.875	47300.961	30.770	32.165	26.412
1.023				
4/15/2016 10:15:00 AM	247500.000	27.534	14.550	62.022
37825.230	47257.137	30.738	32.135	26.437
1.023				
4/15/2016 10:30:00 AM	248400.001	27.530	14.589	62.014
37858.180	47255.285	30.740	32.134	26.414
1.023				
4/15/2016 10:45:00 AM	249300.000	27.522	14.573	61.996
37815.164	47218.918	30.712	32.109	26.444
1.023				
4/15/2016 11:00:00 AM	250200.000	27.496	14.574	61.938
37803.883	47203.434	30.701	32.098	26.452
1.023				
4/15/2016 11:15:00 AM	251100.000	27.490	14.581	61.925
37745.008	47122.828	30.643	32.044	26.494
1.023				
4/15/2016 11:30:00 AM	252000.000	27.470	14.584	61.879
37743.559	47117.613	30.640	32.040	26.495
1.023				
4/15/2016 11:45:00 AM	252900.000	27.468	14.599	61.873
37748.773	47107.449	30.634	32.033	26.491
1.023				

4/15/2016 12:00:00 PM 253800.000 27.452 14.605 61.839
37700.199 47039.758 30.585 31.987 26.525
1.023
4/15/2016 12:15:00 PM 254700.000 27.431 14.623 61.792
37722.609 47047.887 30.592 31.993 26.509
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4/15/2016 12:30:00 PM 255600.000 27.422 14.600 61.771
37665.617 47002.293 30.558 31.962 26.549
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37707.473 47031.094 30.580 31.981 26.520
1.023
4/15/2016 1:00:00 PM 257400.000 27.390 14.611 61.700
37668.113 46993.152 30.552 31.955 26.548
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4/15/2016 1:15:00 PM 258300.000 27.399 14.601 61.720
37651.871 46983.539 30.544 31.949 26.559
1.023
4/15/2016 1:30:00 PM 259200.000 27.385 14.612 61.688
37605.977 46914.738 30.495 31.902 26.592
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4/15/2016 1:45:00 PM 260100.000 27.378 14.632 61.672
37629.926 46922.258 30.502 31.907 26.575
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4/15/2016 2:00:00 PM 261000.000 27.369 14.644 61.652
37640.805 46922.215 30.503 31.907 26.567
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4/15/2016 2:15:00 PM 261900.000 27.372 14.639 61.658
37643.781 46931.387 30.509 31.913 26.565
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4/15/2016 2:30:00 PM 262800.000 27.377 14.641 61.669
37625.773 46906.262 30.491 31.896 26.578
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4/15/2016 2:45:00 PM 263700.000 27.359 14.656 61.630
37640.461 46907.895 30.494 31.897 26.567
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4/15/2016 3:00:00 PM 264600.000 27.357 14.655 61.624
37564.922 46814.641 30.426 31.834 26.621
1.023
4/15/2016 3:15:00 PM 265500.000 27.351 14.662 61.611
37591.926 46840.871 30.446 31.852 26.601
1.023
4/15/2016 3:30:00 PM 266400.000 27.358 14.656 61.626
37570.363 46821.133 30.431 31.838 26.617
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4/15/2016 3:45:00 PM 267300.000 27.349 14.667 61.606
37599.461 46845.102 30.449 31.855 26.596
1.023
4/15/2016 4:00:00 PM 268200.000 27.354 14.689 61.618
37626.723 46854.398 30.457 31.861 26.577
1.023
4/15/2016 4:15:00 PM 269100.000 27.363 14.670 61.637
37652.121 46906.660 30.494 31.897 26.559
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37661.117 46893.281 30.486 31.887 26.553
1.023

4/15/2016 4:45:00 PM	270900.000	27.365	14.709	61.643
37621.992	46826.457	30.439	31.842	26.580
1.023				
4/15/2016 5:00:00 PM	271800.000	27.372	14.712	61.658
37659.164	46868.652	30.469	31.871	26.554
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4/15/2016 5:15:00 PM	272700.000	27.376	14.700	61.667
37643.535	46862.563	30.464	31.867	26.565
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4/15/2016 5:30:00 PM	273600.000	27.389	14.721	61.696
37631.359	46823.969	30.438	31.840	26.574
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4/15/2016 5:45:00 PM	274500.000	27.391	14.751	61.702
37649.922	46814.066	30.433	31.834	26.560
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4/15/2016 6:00:00 PM	275400.000	27.398	14.766	61.717
37736.246	46904.285	30.499	31.895	26.500
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4/15/2016 6:15:00 PM	276300.000	27.402	14.751	61.726
37705.023	46883.063	30.483	31.880	26.522
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4/15/2016 6:30:00 PM	277200.000	27.414	14.755	61.753
37705.129	46877.766	30.479	31.877	26.522
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4/15/2016 6:45:00 PM	278100.000	27.427	14.730	61.782
37640.711	46826.219	30.440	31.842	26.567
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4/15/2016 7:00:00 PM	279000.000	27.430	14.747	61.789
37651.676	46820.387	30.437	31.838	26.559
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4/15/2016 7:15:00 PM	279900.000	27.433	14.738	61.796
37698.785	46889.648	30.486	31.885	26.526
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4/15/2016 7:30:00 PM	280800.000	27.449	14.706	61.831
37687.551	46911.223	30.500	31.900	26.534
1.023				
4/15/2016 7:45:00 PM	281700.000	27.451	14.705	61.836
37692.824	46918.180	30.505	31.904	26.530
1.023				
4/15/2016 8:00:00 PM	282600.001	27.453	14.691	61.841
37718.770	46966.355	30.539	31.937	26.512
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4/15/2016 8:15:00 PM	283500.000	27.468	14.688	61.873
37752.809	47012.117	30.571	31.968	26.488
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4/15/2016 8:30:00 PM	284400.000	27.475	14.689	61.890
37770.742	47033.551	30.587	31.983	26.476
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4/15/2016 8:45:00 PM	285300.000	27.480	14.712	61.902
37803.645	47049.168	30.600	31.993	26.452
1.023				
4/15/2016 9:00:00 PM	286200.000	27.484	14.693	61.910
37821.711	47092.336	30.630	32.023	26.440
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4/15/2016 9:15:00 PM	287100.000	27.496	14.719	61.938
37869.023	47122.383	30.653	32.043	26.407
1.023				

4/15/2016 9:30:00 PM	288000.000	27.489	14.711	61.922
37876.422	47140.738	30.666	32.056	26.402
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4/15/2016 9:45:00 PM	288900.000	27.496	14.694	61.938
37866.719	47147.188	30.670	32.060	26.408
1.023				
4/15/2016 10:00:00 PM	289800.000	27.494	14.695	61.933
37873.984	47155.832	30.676	32.066	26.403
1.023				
4/15/2016 10:15:00 PM	290700.000	27.498	14.670	61.941
37839.629	47140.340	30.663	32.055	26.427
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4/15/2016 10:30:00 PM	291600.000	27.491	14.673	61.927
37810.984	47101.680	30.635	32.029	26.447
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4/15/2016 10:45:00 PM	292500.000	27.493	14.659	61.932
37835.039	47147.777	30.667	32.060	26.431
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4/15/2016 11:00:00 PM	293400.000	27.489	14.667	61.922
37791.961	47084.938	30.622	32.018	26.461
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37805.391	47114.125	30.643	32.038	26.451
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4/15/2016 11:30:00 PM	295200.000	27.471	14.645	61.882
37814.602	47137.777	30.659	32.054	26.445
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37795.012	47091.836	30.627	32.022	26.459
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4/16/2016 12:00:00 AM	297000.000	27.471	14.641	61.882
37749.805	47061.090	30.603	32.002	26.490
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4/16/2016 12:15:00 AM	297900.000	27.470	14.656	61.880
37759.367	47056.574	30.601	31.998	26.483
1.023				
4/16/2016 12:30:00 AM	298800.000	27.457	14.657	61.850
37737.711	47028.184	30.581	31.979	26.499
1.023				
4/16/2016 12:45:00 AM	299700.000	27.450	14.666	61.834
37731.031	47009.633	30.568	31.967	26.503
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4/16/2016 1:00:00 AM	300600.000	27.450	14.658	61.834
37742.664	47033.168	30.584	31.983	26.495
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4/16/2016 1:15:00 AM	301500.000	27.435	14.666	61.801
37722.223	46998.457	30.560	31.959	26.510
1.023				
4/16/2016 1:30:00 AM	302400.000	27.437	14.667	61.806
37682.988	46948.883	30.524	31.925	26.537
1.023				
4/16/2016 1:45:00 AM	303300.000	27.427	14.666	61.781
37674.414	46939.484	30.517	31.919	26.543
1.023				
4/16/2016 2:00:00 AM	304200.000	27.418	14.677	61.761
37670.336	46922.297	30.506	31.907	26.546
1.023				

4/16/2016 2:15:00 AM	305100.000	27.419	14.698	61.764
37705.297	46942.430	30.522	31.921	26.521
1.023				
4/16/2016 2:30:00 AM	306000.000	27.409	14.675	61.742
37650.227	46899.430	30.489	31.892	26.560
1.023				
4/16/2016 2:45:00 AM	306900.000	27.408	14.678	61.739
37664.965	46914.121	30.500	31.902	26.550
1.023				
4/16/2016 3:00:00 AM	307800.000	27.414	14.684	61.753
37646.871	46884.945	30.479	31.882	26.563
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4/16/2016 3:15:00 AM	308700.000	27.416	14.713	61.757
37718.977	46942.414	30.523	31.921	26.512
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4/16/2016 3:30:00 AM	309600.000	27.412	14.687	61.748
37685.559	46929.152	30.511	31.912	26.535
1.023				
4/16/2016 3:45:00 AM	310500.000	27.409	14.697	61.741
37668.742	46897.918	30.489	31.891	26.547
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4/16/2016 4:00:00 AM	311400.000	27.415	14.722	61.755
37681.402	46884.953	30.482	31.882	26.538
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4/16/2016 4:15:00 AM	312300.000	27.407	14.704	61.736
37665.621	46885.605	30.481	31.882	26.549
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4/16/2016 4:30:00 AM	313200.000	27.412	14.721	61.748
37689.664	46896.414	30.490	31.890	26.532
1.023				
4/16/2016 4:45:00 AM	314100.000	27.419	14.744	61.764
37736.441	46929.754	30.516	31.912	26.500
1.023				
4/16/2016 5:00:00 AM	315000.000	27.431	14.711	61.791
37703.363	46924.965	30.510	31.909	26.523
1.023				
4/16/2016 5:15:00 AM	315900.000	27.428	14.710	61.784
37692.910	46912.926	30.501	31.901	26.530
1.023				
4/16/2016 5:30:00 AM	316800.000	27.433	14.711	61.796
37669.270	46882.531	30.479	31.880	26.547
1.023				
4/16/2016 5:45:00 AM	317700.000	27.436	14.741	61.803
37708.328	46897.563	30.492	31.890	26.519
1.023				
4/16/2016 6:00:00 AM	318600.000	27.446	14.723	61.826
37678.223	46880.801	30.479	31.879	26.541
1.023				
4/16/2016 6:15:00 AM	319500.000	27.462	14.712	61.861
37638.961	46844.309	30.452	31.854	26.568
1.023				
4/16/2016 6:30:00 AM	320400.000	27.459	14.700	61.853
37664.527	46888.902	30.483	31.884	26.550
1.023				
4/16/2016 6:45:00 AM	321300.000	27.479	14.710	61.898
37719.227	46946.090	30.525	31.923	26.512
1.023				

4/16/2016 7:00:00 AM	322200.000	27.480	14.706	61.902
37715.430	46945.621	30.525	31.923	26.514
1.023				
4/16/2016 7:15:00 AM	323100.000	27.481	14.702	61.904
37729.109	46966.617	30.540	31.937	26.505
1.023				
4/16/2016 7:30:00 AM	324000.000	27.485	14.691	61.914
37730.297	46981.398	30.549	31.947	26.504
1.023				
4/16/2016 7:45:00 AM	324900.000	27.492	14.686	61.929
37758.648	47021.375	30.578	31.975	26.484
1.023				
4/16/2016 8:00:00 AM	325800.000	27.496	14.695	61.936
37796.977	47059.559	30.606	32.000	26.457
1.023				
4/16/2016 8:15:00 AM	326700.000	27.500	14.704	61.948
37809.004	47064.883	30.611	32.004	26.449
1.023				
4/16/2016 8:30:00 AM	327600.000	27.498	14.715	61.943
37799.164	47039.820	30.593	31.987	26.456
1.023				
4/16/2016 8:45:00 AM	328500.000	27.499	14.681	61.945
37766.469	47036.773	30.589	31.985	26.479
1.023				
4/16/2016 9:00:00 AM	329400.000	27.500	14.682	61.945
37828.488	47113.520	30.644	32.037	26.435
1.023				
4/16/2016 9:15:00 AM	330300.000	27.501	14.684	61.948
37812.504	47091.418	30.628	32.022	26.446
1.023				
4/16/2016 9:30:00 AM	331200.000	27.493	14.684	61.932
37813.348	47091.879	30.629	32.022	26.446
1.023				
4/16/2016 9:45:00 AM	332100.000	27.485	14.670	61.913
37813.563	47108.684	30.640	32.034	26.446
1.023				
4/16/2016 10:00:00 AM	333000.000	27.472	14.677	61.883
37766.137	47041.625	30.592	31.988	26.479
1.023				
4/16/2016 10:15:00 AM	333900.000	27.472	14.673	61.883
37727.578	46997.574	30.560	31.958	26.506
1.023				
4/16/2016 10:30:00 AM	334800.000	27.466	14.679	61.870
37740.105	47006.125	30.566	31.964	26.497
1.023				
4/16/2016 10:45:00 AM	335700.000	27.457	14.675	61.851
37713.102	46977.164	30.545	31.944	26.516
1.023				
4/16/2016 11:00:00 AM	336600.000	27.435	14.672	61.801
37677.664	46936.086	30.515	31.917	26.541
1.023				
4/16/2016 11:15:00 AM	337500.000	27.427	14.670	61.782
37645.516	46899.328	30.488	31.892	26.564
1.023				
4/16/2016 11:30:00 AM	338400.000	27.418	14.681	61.761
37646.688	46887.891	30.481	31.884	26.563
1.023				

4/16/2016 11:45:00 AM	339300.000	27.402	14.685	61.727
37605.551	46832.590	30.441	31.846	26.592
1.023				
4/16/2016 12:00:00 PM	340200.000	27.384	14.686	61.685
37586.016	46807.176	30.423	31.829	26.606
1.023				
4/16/2016 12:15:00 PM	341100.000	27.367	14.688	61.647
37562.816	46776.016	30.401	31.808	26.622
1.022				
4/16/2016 12:30:00 PM	342000.000	27.361	14.695	61.634
37559.055	46762.840	30.392	31.799	26.625
1.022				
4/16/2016 12:45:00 PM	342900.000	27.342	14.681	61.591
37496.680	46701.148	30.346	31.757	26.669
1.022				
4/16/2016 1:00:00 PM	343800.000	27.327	14.689	61.556
37513.918	46713.930	30.356	31.765	26.657
1.022				
4/16/2016 1:15:00 PM	344700.000	27.317	14.689	61.534
37528.352	46731.414	30.369	31.777	26.647
1.022				
4/16/2016 1:30:00 PM	345600.000	27.306	14.703	61.510
37518.105	46703.363	30.349	31.758	26.654
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4/16/2016 1:45:00 PM	346500.000	27.296	14.688	61.487
37460.574	46648.699	30.309	31.721	26.695
1.022				
4/16/2016 2:00:00 PM	347400.000	27.295	14.695	61.484
37467.887	46649.719	30.310	31.722	26.690
1.022				
4/16/2016 2:15:00 PM	348300.000	27.285	14.696	61.462
37403.957	46569.438	30.252	31.667	26.735
1.022				
4/16/2016 2:30:00 PM	349200.000	27.278	14.714	61.446
37436.105	46589.281	30.268	31.681	26.712
1.022				
4/16/2016 2:45:00 PM	350100.000	27.272	14.695	61.433
37434.844	46608.684	30.280	31.694	26.713
1.022				
4/16/2016 3:00:00 PM	351000.000	27.268	14.705	61.423
37439.895	46603.938	30.278	31.691	26.709
1.022				
4/16/2016 3:15:00 PM	351900.000	27.261	14.708	61.409
37403.762	46555.516	30.243	31.658	26.735
1.022				
4/16/2016 3:30:00 PM	352800.000	27.257	14.716	61.400
37430.195	46579.762	30.261	31.674	26.716
1.022				
4/16/2016 3:45:00 PM	353700.000	27.250	14.724	61.384
37431.184	46572.336	30.256	31.669	26.716
1.022				
4/16/2016 4:00:00 PM	354600.000	27.254	14.724	61.392
37405.012	46539.875	30.233	31.647	26.734
1.022				
4/16/2016 4:15:00 PM	355500.000	27.253	14.733	61.391
37423.770	46552.504	30.243	31.656	26.721
1.022				

4/16/2016 4:30:00 PM	356400.000	27.257	14.744	61.400
37440.543	46561.973	30.250	31.662	26.709
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4/16/2016 4:45:00 PM	357300.000	27.256	14.746	61.397
37426.719	46541.535	30.236	31.648	26.719
1.022				
4/16/2016 5:00:00 PM	358200.000	27.256	14.759	61.397
37464.359	46574.984	30.261	31.671	26.692
1.022				
4/16/2016 5:15:00 PM	359100.000	27.266	14.768	61.418
37468.871	46570.473	30.258	31.668	26.689
1.022				
4/16/2016 5:30:00 PM	360000.000	27.269	14.780	61.425
37431.332	46509.891	30.215	31.627	26.716
1.022				
4/16/2016 5:45:00 PM	360900.000	27.272	14.783	61.434
37435.977	46512.730	30.217	31.629	26.712
1.022				
4/16/2016 6:00:00 PM	361800.000	27.270	14.784	61.427
37446.535	46525.160	30.226	31.637	26.705
1.022				
4/16/2016 6:15:00 PM	362700.000	27.288	14.810	61.469
37456.953	46509.305	30.217	31.626	26.697
1.022				
4/16/2016 6:30:00 PM	363600.000	27.290	14.806	61.472
37452.266	46507.980	30.216	31.625	26.701
1.022				
4/16/2016 6:45:00 PM	364500.000	27.300	14.819	61.495
37405.449	46434.594	30.164	31.576	26.734
1.022				
4/16/2016 7:00:00 PM	365400.000	27.305	14.818	61.507
37410.844	46442.453	30.169	31.581	26.730
1.022				
4/16/2016 7:15:00 PM	366300.000	27.315	14.808	61.530
37413.719	46457.277	30.179	31.591	26.728
1.022				
4/16/2016 7:30:00 PM	367200.000	27.325	14.778	61.553
37390.988	46462.121	30.181	31.594	26.744
1.022				
4/16/2016 7:45:00 PM	368100.000	27.335	14.766	61.576
37413.184	46503.031	30.209	31.622	26.729
1.022				
4/16/2016 8:00:00 PM	369000.000	27.342	14.740	61.590
37404.539	46520.730	30.220	31.634	26.735
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4/16/2016 8:15:00 PM	369900.000	27.343	14.747	61.594
37400.191	46508.066	30.211	31.625	26.738
1.022				
4/16/2016 8:30:00 PM	370800.000	27.354	14.736	61.618
37466.141	46602.148	30.279	31.689	26.691
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4/16/2016 8:45:00 PM	371700.000	27.368	14.724	61.649
37522.004	46685.133	30.338	31.746	26.651
1.022				
4/16/2016 9:00:00 PM	372600.000	27.372	14.730	61.658
37543.594	46704.805	30.352	31.759	26.636
1.022				

4/16/2016 9:15:00 PM	373500.000	27.369	14.728	61.652
37560.500	46728.008	30.369	31.775	26.624
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4/16/2016 9:30:00 PM	374400.000	27.382	14.724	61.680
37581.734	46759.367	30.391	31.796	26.609
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4/16/2016 9:45:00 PM	375300.000	27.389	14.725	61.696
37633.473	46822.152	30.437	31.839	26.572
1.023				
4/16/2016 10:00:00 PM	376200.000	27.386	14.730	61.690
37616.848	46796.129	30.418	31.821	26.584
1.023				
4/16/2016 10:15:00 PM	377100.000	27.387	14.725	61.692
37707.793	46915.016	30.504	31.902	26.520
1.023				
4/16/2016 10:30:00 PM	378000.000	27.395	14.739	61.710
37714.652	46908.199	30.500	31.898	26.515
1.023				
4/16/2016 10:45:00 PM	378900.000	27.390	14.736	61.700
37712.309	46908.344	30.500	31.898	26.517
1.023				
4/16/2016 11:00:00 PM	379800.000	27.400	14.744	61.721
37753.289	46950.504	30.531	31.926	26.488
1.023				
4/16/2016 11:15:00 PM	380700.000	27.394	14.734	61.707
37724.816	46925.887	30.512	31.910	26.508
1.023				
4/16/2016 11:30:00 PM	381600.000	27.396	14.704	61.713
37720.156	46953.488	30.530	31.928	26.511
1.023				
4/16/2016 11:45:00 PM	382500.000	27.395	14.720	61.710
37741.035	46962.227	30.538	31.934	26.496
1.023				
4/17/2016 12:00:00 AM	383400.000	27.387	14.701	61.693
37697.957	46929.426	30.513	31.912	26.527
1.023				
4/17/2016 12:15:00 AM	384300.000	27.382	14.711	61.681
37717.410	46942.531	30.523	31.921	26.513
1.023				
4/17/2016 12:30:00 AM	385200.000	27.384	14.702	61.684
37686.859	46915.117	30.502	31.902	26.534
1.023				
4/17/2016 12:45:00 AM	386100.000	27.377	14.692	61.669
37674.422	46910.730	30.498	31.899	26.543
1.023				
4/17/2016 1:00:00 AM	387000.000	27.376	14.700	61.667
37616.867	46829.566	30.440	31.844	26.584
1.023				
4/17/2016 1:15:00 AM	387900.000	27.371	14.692	61.655
37623.164	46845.922	30.452	31.855	26.579
1.023				
4/17/2016 1:30:00 AM	388800.000	27.370	14.728	61.654
37685.840	46884.531	30.482	31.881	26.535
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4/17/2016 1:45:00 AM	389700.000	27.360	14.700	61.631
37605.277	46815.047	30.430	31.834	26.592
1.023				

4/17/2016 2:00:00 AM	390600.000	27.358	14.697	61.626
37606.738	46820.723	30.434	31.838	26.591
1.023				
4/17/2016 2:15:00 AM	391500.000	27.349	14.701	61.606
37569.816	46769.809	30.397	31.803	26.617
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4/17/2016 2:30:00 AM	392400.000	27.344	14.707	61.594
37567.813	46760.500	30.391	31.797	26.619
1.022				
4/17/2016 2:45:00 AM	393300.000	27.335	14.698	61.574
37524.078	46716.324	30.358	31.767	26.650
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4/17/2016 3:00:00 AM	394200.000	27.335	14.705	61.575
37537.555	46725.109	30.365	31.773	26.640
1.022				
4/17/2016 3:15:00 AM	395100.000	27.328	14.713	61.559
37522.840	46698.316	30.346	31.755	26.650
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4/17/2016 3:30:00 AM	396000.000	27.324	14.713	61.550
37544.215	46724.813	30.366	31.773	26.635
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4/17/2016 3:45:00 AM	396900.000	27.322	14.729	61.545
37509.059	46663.512	30.322	31.731	26.660
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4/17/2016 4:00:00 AM	397800.000	27.321	14.718	61.543
37512.449	46679.270	30.333	31.742	26.658
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4/17/2016 4:15:00 AM	398700.000	27.320	14.728	61.541
37491.953	46643.516	30.308	31.718	26.672
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4/17/2016 4:30:00 AM	399600.000	27.322	14.725	61.545
37482.539	46634.266	30.301	31.711	26.679
1.022				
4/17/2016 4:45:00 AM	400500.000	27.320	14.744	61.540
37504.590	46640.637	30.307	31.716	26.663
1.022				
4/17/2016 5:00:00 AM	401400.000	27.329	14.735	61.560
37536.648	46691.047	30.343	31.750	26.641
1.022				
4/17/2016 5:15:00 AM	402300.000	27.323	14.737	61.548
37487.391	46627.020	30.297	31.706	26.676
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4/17/2016 5:30:00 AM	403200.000	27.338	14.743	61.582
37543.078	46690.273	30.343	31.749	26.636
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4/17/2016 5:45:00 AM	404100.000	27.337	14.739	61.579
37531.617	46680.262	30.335	31.743	26.644
1.022				
4/17/2016 6:00:00 AM	405000.000	27.341	14.766	61.587
37540.480	46661.051	30.323	31.730	26.638
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4/17/2016 6:15:00 AM	405900.000	27.356	14.761	61.623
37525.121	46647.469	30.313	31.720	26.649
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4/17/2016 6:30:00 AM	406800.000	27.359	14.765	61.628
37520.734	46638.281	30.307	31.714	26.652
1.022				

4/17/2016 6:45:00 AM	407700.000	27.364	14.736	61.641
37492.719	46634.828	30.302	31.712	26.672
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4/17/2016 7:00:00 AM	408600.000	27.374	14.710	61.663
37440.906	46600.082	30.275	31.688	26.709
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4/17/2016 7:15:00 AM	409500.000	27.385	14.699	61.687
37499.008	46683.727	30.335	31.745	26.667
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4/17/2016 7:30:00 AM	410400.000	27.390	14.690	61.700
37521.465	46721.559	30.362	31.771	26.651
1.022				
4/17/2016 7:45:00 AM	411300.000	27.408	14.677	61.740
37500.566	46710.133	30.352	31.763	26.666
1.022				
4/17/2016 8:00:00 AM	412200.000	27.412	14.684	61.748
37535.188	46746.051	30.379	31.787	26.642
1.022				
4/17/2016 8:15:00 AM	413100.000	27.418	14.682	61.761
37584.289	46809.188	30.424	31.830	26.607
1.023				
4/17/2016 8:30:00 AM	414000.000	27.422	14.688	61.771
37630.219	46859.750	30.461	31.865	26.574
1.023				
4/17/2016 8:45:00 AM	414900.000	27.431	14.680	61.792
37618.578	46853.875	30.456	31.861	26.583
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4/17/2016 9:00:00 AM	415800.000	27.438	14.691	61.808
37668.941	46904.313	30.494	31.895	26.547
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4/17/2016 9:15:00 AM	416700.000	27.436	14.697	61.803
37664.934	46893.176	30.486	31.887	26.550
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4/17/2016 9:30:00 AM	417600.000	27.436	14.690	61.803
37705.605	46951.344	30.528	31.927	26.521
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4/17/2016 9:45:00 AM	418500.000	27.444	14.703	61.820
37684.254	46909.883	30.499	31.899	26.536
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4/17/2016 10:00:00 AM	419400.000	27.441	14.695	61.813
37669.313	46901.000	30.492	31.893	26.547
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4/17/2016 10:15:00 AM	420300.000	27.437	14.685	61.803
37716.008	46970.348	30.541	31.940	26.514
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4/17/2016 10:30:00 AM	421200.000	27.437	14.676	61.805
37719.750	46984.242	30.550	31.949	26.511
1.023				
4/17/2016 10:45:00 AM	422100.000	27.435	14.691	61.800
37666.633	46901.527	30.492	31.893	26.549
1.023				
4/17/2016 11:00:00 AM	423000.000	27.431	14.682	61.790
37718.680	46976.258	30.545	31.944	26.512
1.023				
4/17/2016 11:15:00 AM	423900.000	27.426	14.688	61.779
37702.703	46950.309	30.527	31.926	26.523
1.023				

4/17/2016 11:30:00 AM	424800.000	27.420	14.692	61.767
37671.844	46907.215	30.496	31.897	26.545
1.023				
4/17/2016 11:45:00 AM	425700.000	27.415	14.689	61.755
37686.801	46929.027	30.511	31.912	26.534
1.023				
4/17/2016 12:00:00 PM	426600.000	27.411	14.698	61.746
37665.949	46893.445	30.486	31.888	26.549
1.023				
4/17/2016 12:15:00 PM	427500.000	27.401	14.674	61.723
37594.781	46831.258	30.440	31.845	26.599
1.023				
4/17/2016 12:30:00 PM	428400.000	27.386	14.696	61.690
37613.480	46830.402	30.441	31.845	26.586
1.023				
4/17/2016 12:45:00 PM	429300.000	27.376	14.674	61.668
37525.781	46744.719	30.377	31.786	26.648
1.022				
4/17/2016 1:00:00 PM	430200.000	27.364	14.699	61.641
37568.699	46771.281	30.398	31.804	26.618
1.022				
4/17/2016 1:15:00 PM	431100.000	27.358	14.694	61.627
37531.648	46730.582	30.368	31.777	26.644
1.022				
4/17/2016 1:30:00 PM	432000.000	27.341	14.706	61.589
37571.492	46766.156	30.395	31.801	26.616
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4/17/2016 1:45:00 PM	432900.000	27.327	14.706	61.557
37518.258	46700.691	30.348	31.756	26.654
1.022				
4/17/2016 2:00:00 PM	433800.000	27.311	14.696	61.521
37457.488	46635.488	30.300	31.712	26.697
1.022				
4/17/2016 2:15:00 PM	434700.000	27.310	14.687	61.519
37395.992	46568.563	30.251	31.667	26.741
1.022				
4/17/2016 2:30:00 PM	435600.000	27.300	14.718	61.495
37521.539	46690.973	30.341	31.750	26.651
1.022				
4/17/2016 2:45:00 PM	436500.000	27.284	14.697	61.459
37394.539	46555.828	30.242	31.658	26.742
1.022				
4/17/2016 3:00:00 PM	437400.000	27.269	14.714	61.427
37374.938	46513.156	30.213	31.629	26.756
1.022				
4/17/2016 3:15:00 PM	438300.000	27.265	14.734	61.418
37453.750	46589.105	30.269	31.681	26.700
1.022				
4/17/2016 3:30:00 PM	439200.000	27.264	14.707	61.415
37405.215	46558.117	30.245	31.660	26.734
1.022				
4/17/2016 3:45:00 PM	440100.000	27.253	14.710	61.389
37338.082	46471.711	30.183	31.601	26.782
1.022				
4/17/2016 4:00:00 PM	441000.000	27.253	14.713	61.391
37372.051	46511.039	30.211	31.628	26.758
1.022				

4/17/2016 4:15:00 PM	441900.000	27.251	14.745	61.386
37432.656	46550.098	30.242	31.654	26.715
1.022				
4/17/2016 4:30:00 PM	442800.000	27.254	14.745	61.392
37444.637	46565.383	30.253	31.664	26.706
1.022				
4/17/2016 4:45:00 PM	443700.000	27.243	14.724	61.368
37394.246	46525.500	30.222	31.637	26.742
1.022				
4/17/2016 5:00:00 PM	444600.000	27.254	14.729	61.392
37393.023	46519.156	30.218	31.633	26.743
1.022				
4/17/2016 5:15:00 PM	445500.000	27.257	14.744	61.400
37391.441	46500.508	30.206	31.620	26.744
1.022				
4/17/2016 5:30:00 PM	446400.000	27.256	14.753	61.397
37424.789	46531.480	30.229	31.641	26.720
1.022				
4/17/2016 5:45:00 PM	447300.000	27.259	14.757	61.404
37411.129	46510.973	30.214	31.627	26.730
1.022				
4/17/2016 6:00:00 PM	448200.000	27.271	14.756	61.430
37373.656	46465.066	30.181	31.596	26.757
1.022				
4/17/2016 6:15:00 PM	449100.000	27.271	14.775	61.430
37387.797	46461.383	30.180	31.594	26.747
1.022				
4/17/2016 6:30:00 PM	450000.000	27.275	14.789	61.441
37435.715	46505.453	30.213	31.624	26.712
1.022				
4/17/2016 6:45:00 PM	450900.000	27.286	14.792	61.465
37419.977	46482.652	30.196	31.608	26.724
1.022				
4/17/2016 7:00:00 PM	451800.000	27.293	14.802	61.480
37424.445	46477.934	30.194	31.605	26.721
1.022				
4/17/2016 7:15:00 PM	452700.000	27.308	14.789	61.515
37390.879	46450.336	30.173	31.586	26.744
1.022				
4/17/2016 7:30:00 PM	453600.000	27.315	14.758	61.531
37376.074	46466.301	30.182	31.597	26.755
1.022				
4/17/2016 7:45:00 PM	454500.000	27.323	14.743	61.548
37376.313	46482.969	30.193	31.608	26.755
1.022				
4/17/2016 8:00:00 PM	455400.000	27.336	14.715	61.577
37333.922	46460.547	30.175	31.593	26.785
1.022				
4/17/2016 8:15:00 PM	456300.000	27.347	14.716	61.602
37366.594	46500.227	30.204	31.620	26.762
1.022				
4/17/2016 8:30:00 PM	457200.000	27.357	14.698	61.624
37400.465	46562.820	30.247	31.663	26.738
1.022				
4/17/2016 8:45:00 PM	458100.000	27.366	14.687	61.645
37414.133	46591.355	30.267	31.682	26.728
1.022				

4/17/2016 9:00:00 PM	459000.000	27.373	14.686	61.660
37442.625	46627.914	30.294	31.707	26.708
1.022				
4/17/2016 9:15:00 PM	459900.000	27.388	14.671	61.694
37505.688	46723.344	30.361	31.772	26.663
1.022				
4/17/2016 9:30:00 PM	460800.000	27.399	14.662	61.718
37518.445	46749.617	30.380	31.790	26.654
1.022				
4/17/2016 9:45:00 PM	461700.000	27.406	14.662	61.735
37570.453	46814.207	30.426	31.834	26.617
1.023				
4/17/2016 10:00:00 PM	462600.000	27.414	14.658	61.753
37588.902	46841.859	30.446	31.852	26.604
1.023				
4/17/2016 10:15:00 PM	463500.000	27.420	14.659	61.767
37577.055	46825.902	30.435	31.842	26.612
1.023				
4/17/2016 10:30:00 PM	464400.000	27.427	14.665	61.782
37646.840	46905.531	30.493	31.896	26.563
1.023				
4/17/2016 10:45:00 PM	465300.000	27.422	14.672	61.771
37665.758	46921.953	30.505	31.907	26.549
1.023				
4/17/2016 11:00:00 PM	466200.000	27.422	14.701	61.770
37670.320	46895.023	30.488	31.889	26.546
1.023				
4/17/2016 11:15:00 PM	467100.000	27.422	14.719	61.771
37721.254	46938.004	30.520	31.918	26.510
1.023				
4/17/2016 11:30:00 PM	468000.000	27.431	14.704	61.790
37739.043	46977.797	30.548	31.945	26.498
1.023				
4/17/2016 11:45:00 PM	468900.000	27.425	14.685	61.777
37708.762	46961.227	30.534	31.934	26.519
1.023				
4/18/2016 12:00:00 AM	469800.000	27.426	14.665	61.779
37705.367	46978.734	30.546	31.946	26.521
1.023				
4/18/2016 12:15:00 AM	470700.000	27.418	14.687	61.761
37730.203	46985.746	30.552	31.950	26.504
1.023				
4/18/2016 12:30:00 AM	471600.000	27.418	14.672	61.761
37673.039	46930.734	30.511	31.913	26.544
1.023				
4/18/2016 12:45:00 AM	472500.000	27.409	14.648	61.741
37612.703	46882.523	30.475	31.880	26.587
1.023				
4/18/2016 1:00:00 AM	473400.000	27.414	14.654	61.752
37638.078	46907.508	30.493	31.897	26.569
1.023				
4/18/2016 1:15:00 AM	474300.000	27.415	14.674	61.755
37644.613	46893.730	30.485	31.888	26.564
1.023				
4/18/2016 1:30:00 AM	475200.000	27.406	14.669	61.734
37630.590	46880.809	30.475	31.879	26.574
1.023				

4/18/2016 1:45:00 AM	476100.000	27.396	14.659	61.712
37565.203	46811.332	30.424	31.832	26.620
1.023				
4/18/2016 2:00:00 AM	477000.000	27.394	14.671	61.707
37588.973	46827.191	30.436	31.842	26.604
1.023				
4/18/2016 2:15:00 AM	477900.000	27.379	14.690	61.673
37588.199	46805.547	30.422	31.828	26.604
1.023				
4/18/2016 2:30:00 AM	478800.000	27.377	14.664	61.670
37538.520	46772.543	30.396	31.805	26.639
1.022				
4/18/2016 2:45:00 AM	479700.000	27.374	14.671	61.662
37495.449	46710.781	30.352	31.763	26.670
1.022				
4/18/2016 3:00:00 AM	480600.000	27.361	14.686	61.633
37526.516	46732.586	30.369	31.778	26.648
1.022				
4/18/2016 3:15:00 AM	481500.000	27.350	14.666	61.609
37480.059	46696.844	30.342	31.754	26.681
1.022				
4/18/2016 3:30:00 AM	482400.000	27.350	14.683	61.609
37455.594	46648.109	30.308	31.721	26.698
1.022				
4/18/2016 3:45:00 AM	483300.000	27.348	14.688	61.603
37469.000	46659.191	30.316	31.728	26.689
1.022				
4/18/2016 4:00:00 AM	484200.000	27.350	14.727	61.608
37555.879	46723.637	30.366	31.772	26.627
1.022				
4/18/2016 4:15:00 AM	485100.000	27.338	14.691	61.582
37445.219	46625.738	30.292	31.706	26.706
1.022				
4/18/2016 4:30:00 AM	486000.000	27.328	14.702	61.559
37445.133	46614.199	30.285	31.698	26.706
1.022				
4/18/2016 4:45:00 AM	486900.000	27.324	14.705	61.550
37458.625	46626.863	30.294	31.706	26.696
1.022				
4/18/2016 5:00:00 AM	487800.000	27.321	14.707	61.543
37408.070	46561.578	30.247	31.662	26.732
1.022				
4/18/2016 5:15:00 AM	488700.000	27.331	14.710	61.566
37419.277	46572.961	30.256	31.670	26.724
1.022				
4/18/2016 5:30:00 AM	489600.000	27.334	14.731	61.572
37463.871	46604.844	30.280	31.691	26.692
1.022				
4/18/2016 5:45:00 AM	490500.000	27.331	14.726	61.565
37418.051	46553.246	30.243	31.656	26.725
1.022				
4/18/2016 6:00:00 AM	491400.000	27.340	14.753	61.586
37502.938	46629.344	30.299	31.708	26.665
1.022				
4/18/2016 6:15:00 AM	492300.001	27.342	14.739	61.591
37415.660	46536.324	30.231	31.645	26.727
1.022				

4/18/2016 6:30:00 AM	493200.000	27.355	14.759	61.620
37458.332	46566.516	30.255	31.665	26.696
1.022				
4/18/2016 6:45:00 AM	494100.000	27.349	14.768	61.607
37486.980	46592.098	30.274	31.683	26.676
1.022				
4/18/2016 7:00:00 AM	495000.000	27.360	14.758	61.631
37442.867	46549.340	30.242	31.654	26.707
1.022				
4/18/2016 7:15:00 AM	495900.000	27.364	14.753	61.640
37425.457	46532.309	30.229	31.642	26.720
1.022				
4/18/2016 7:30:00 AM	496800.000	27.377	14.744	61.670
37422.285	46538.281	30.233	31.646	26.722
1.022				
4/18/2016 7:45:00 AM	497700.000	27.384	14.718	61.686
37415.281	46558.648	30.246	31.660	26.727
1.022				
4/18/2016 8:00:00 AM	498600.000	27.402	14.680	61.727
37370.051	46544.039	30.233	31.650	26.759
1.022				
4/18/2016 8:15:00 AM	499500.000	27.399	14.684	61.720
37410.238	46590.141	30.266	31.681	26.731
1.022				
4/18/2016 8:30:00 AM	500400.000	27.416	14.651	61.757
37433.855	46656.141	30.311	31.726	26.714
1.022				
4/18/2016 8:45:00 AM	501300.000	27.424	14.650	61.775
37446.824	46673.188	30.324	31.738	26.705
1.022				
4/18/2016 9:00:00 AM	502200.000	27.427	14.637	61.782
37450.867	46692.949	30.337	31.751	26.702
1.022				
4/18/2016 9:15:00 AM	503100.000	27.441	14.636	61.813
37495.578	46749.594	30.378	31.790	26.670
1.022				
4/18/2016 9:30:00 AM	504000.000	27.452	14.644	61.838
37532.926	46786.945	30.405	31.815	26.643
1.023				
4/18/2016 9:45:00 AM	504900.000	27.460	14.648	61.856
37570.754	46829.742	30.437	31.844	26.616
1.023				
4/18/2016 10:00:00 AM	505800.000	27.466	14.647	61.869
37635.441	46912.066	30.496	31.900	26.571
1.023				
4/18/2016 10:15:00 AM	506700.000	27.470	14.685	61.880
37660.359	46900.148	30.490	31.892	26.553
1.023				
4/18/2016 10:30:00 AM	507600.000	27.464	14.679	61.866
37671.109	46920.672	30.505	31.906	26.546
1.023				
4/18/2016 10:45:00 AM	508500.000	27.466	14.686	61.871
37673.098	46915.621	30.501	31.903	26.544
1.023				
4/18/2016 11:00:00 AM	509400.000	27.462	14.673	61.860
37672.145	46928.316	30.510	31.911	26.545
1.023				

4/18/2016 11:15:00 AM	510300.000	27.461	14.672	61.858
37655.422	46908.582	30.495	31.898	26.557
1.023				
4/18/2016 11:30:00 AM	511200.000	27.459	14.648	61.853
37668.266	46951.191	30.524	31.927	26.548
1.023				
4/18/2016 11:45:00 AM	512100.000	27.461	14.631	61.858
37652.430	46951.316	30.523	31.927	26.559
1.023				
4/18/2016 12:00:00 PM	513000.000	27.450	14.640	61.834
37609.578	46887.164	30.477	31.883	26.589
1.023				
4/18/2016 12:15:00 PM	513900.000	27.468	14.642	61.873
37622.988	46901.691	30.488	31.893	26.579
1.023				
4/18/2016 12:30:00 PM	514800.000	27.456	14.620	61.848
37571.113	46862.215	30.458	31.866	26.616
1.023				
4/18/2016 12:45:00 PM	515700.000	27.435	14.631	61.801
37567.145	46844.652	30.446	31.854	26.619
1.023				
4/18/2016 1:00:00 PM	516600.000	27.426	14.641	61.779
37535.418	46794.406	30.410	31.820	26.642
1.023				
4/18/2016 1:15:00 PM	517500.000	27.417	14.627	61.759
37503.965	46769.848	30.392	31.803	26.664
1.023				
4/18/2016 1:30:00 PM	518400.000	27.418	14.657	61.761
37526.188	46764.586	30.390	31.800	26.648
1.022				
4/18/2016 1:45:00 PM	519300.000	27.395	14.650	61.710
37487.055	46723.645	30.360	31.772	26.676
1.022				
4/18/2016 2:00:00 PM	520200.000	27.390	14.641	61.700
37443.285	46679.059	30.327	31.742	26.707
1.022				
4/18/2016 2:15:00 PM	521100.000	27.377	14.657	61.669
37427.297	46641.258	30.301	31.716	26.718
1.022				
4/18/2016 2:30:00 PM	522000.000	27.369	14.655	61.652
37435.840	46653.773	30.310	31.725	26.712
1.022				
4/18/2016 2:45:00 PM	522900.000	27.357	14.649	61.624
37391.371	46605.563	30.275	31.692	26.744
1.022				
4/18/2016 3:00:00 PM	523800.000	27.356	14.679	61.622
37429.477	46620.125	30.287	31.702	26.717
1.022				
4/18/2016 3:15:00 PM	524700.000	27.343	14.663	61.592
37373.117	46567.051	30.248	31.666	26.757
1.022				
4/18/2016 3:30:00 PM	525600.000	27.331	14.662	61.567
37347.492	46536.102	30.226	31.645	26.776
1.022				
4/18/2016 3:45:00 PM	526500.000	27.330	14.677	61.563
37382.352	46562.703	30.246	31.663	26.751
1.022				

4/18/2016 4:00:00 PM	527400.000	27.325	14.695	61.552
37370.719	46528.738	30.223	31.640	26.759
1.022				
4/18/2016 4:15:00 PM	528300.000	27.317	14.682	61.534
37319.547	46478.969	30.186	31.606	26.796
1.022				
4/18/2016 4:30:00 PM	529200.000	27.314	14.705	61.528
37372.422	46520.344	30.217	31.634	26.758
1.022				
4/18/2016 4:45:00 PM	530100.000	27.317	14.697	61.535
37362.547	46516.699	30.214	31.631	26.765
1.022				
4/18/2016 5:00:00 PM	531000.000	27.310	14.709	61.519
37373.586	46516.395	30.215	31.631	26.757
1.022				
4/18/2016 5:15:00 PM	531900.000	27.303	14.714	61.502
37331.527	46458.645	30.173	31.592	26.787
1.022				
4/18/2016 5:30:00 PM	532800.000	27.309	14.719	61.515
37330.871	46452.336	30.169	31.588	26.787
1.022				
4/18/2016 5:45:00 PM	533700.000	27.312	14.725	61.523
37345.156	46463.543	30.178	31.595	26.777
1.022				
4/18/2016 6:00:00 PM	534600.000	27.317	14.732	61.534
37393.676	46516.941	30.217	31.632	26.742
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4/18/2016 6:15:00 PM	535500.000	27.328	14.734	61.559
37371.742	46486.504	30.195	31.611	26.758
1.022				
4/18/2016 6:30:00 PM	536400.000	27.322	14.731	61.545
37327.961	46436.168	30.158	31.577	26.790
1.022				
4/18/2016 6:45:00 PM	537300.000	27.335	14.758	61.574
37394.785	46488.684	30.198	31.612	26.742
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4/18/2016 7:00:00 PM	538200.000	27.345	14.761	61.598
37371.703	46457.047	30.176	31.591	26.758
1.022				
4/18/2016 7:15:00 PM	539100.000	27.353	14.770	61.615
37350.320	46420.191	30.150	31.566	26.774
1.022				
4/18/2016 7:30:00 PM	540000.000	27.353	14.783	61.615
37319.902	46368.996	30.114	31.531	26.795
1.022				
4/18/2016 7:45:00 PM	540900.000	27.377	14.764	61.670
37320.063	46389.047	30.127	31.545	26.795
1.022				
4/18/2016 8:00:00 PM	541800.000	27.405	14.699	61.732
37236.234	46356.691	30.099	31.523	26.856
1.022				
4/18/2016 8:15:00 PM	542700.000	27.407	14.683	61.737
37247.613	46389.277	30.121	31.545	26.847
1.022				
4/18/2016 8:30:00 PM	543600.000	27.408	14.675	61.739
37294.750	46456.434	30.169	31.590	26.813
1.022				

4/18/2016 8:45:00 PM	544500.000	27.430	14.662	61.789
37307.922	46486.992	30.190	31.611	26.804
1.022				
4/18/2016 9:00:00 PM	545400.000	27.434	14.651	61.797
37325.590	46520.910	30.214	31.634	26.791
1.022				
4/18/2016 9:15:00 PM	546300.000	27.454	14.642	61.842
37369.578	46585.590	30.260	31.678	26.760
1.022				
4/18/2016 9:30:00 PM	547200.000	27.468	14.629	61.873
37396.680	46634.480	30.294	31.711	26.740
1.022				
4/18/2016 9:45:00 PM	548100.000	27.484	14.623	61.910
37408.586	46656.234	30.309	31.726	26.732
1.022				
4/18/2016 10:00:00 PM	549000.000	27.484	14.611	61.909
37439.078	46707.230	30.345	31.761	26.710
1.022				
4/18/2016 10:15:00 PM	549900.000	27.486	14.616	61.916
37493.430	46769.074	30.390	31.803	26.671
1.023				
4/18/2016 10:30:00 PM	550800.000	27.502	14.609	61.950
37501.883	46787.566	30.403	31.816	26.665
1.023				
4/18/2016 10:45:00 PM	551700.000	27.503	14.614	61.953
37558.301	46852.289	30.450	31.860	26.625
1.023				
4/18/2016 11:00:00 PM	552600.000	27.507	14.613	61.961
37575.246	46874.918	30.467	31.875	26.613
1.023				
4/18/2016 11:15:00 PM	553500.000	27.514	14.633	61.978
37608.012	46893.551	30.482	31.888	26.590
1.023				
4/18/2016 11:30:00 PM	554400.000	27.512	14.657	61.973
37640.688	46907.684	30.494	31.897	26.567
1.023				
4/18/2016 11:45:00 PM	555300.000	27.515	14.635	61.980
37618.230	46903.309	30.489	31.894	26.583
1.023				
4/19/2016 12:00:00 AM	556200.000	27.515	14.648	61.980
37631.461	46906.109	30.492	31.896	26.574
1.023				
4/19/2016 12:15:00 AM	557100.000	27.526	14.635	62.004
37669.496	46967.426	30.535	31.938	26.547
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4/19/2016 12:30:00 AM	558000.000	27.522	14.619	61.995
37614.270	46917.031	30.497	31.904	26.586
1.023				
4/19/2016 12:45:00 AM	558900.000	27.515	14.616	61.980
37618.078	46924.867	30.503	31.909	26.583
1.023				
4/19/2016 1:00:00 AM	559800.000	27.505	14.617	61.958
37577.188	46872.871	30.465	31.874	26.612
1.023				
4/19/2016 1:15:00 AM	560700.000	27.506	14.600	61.959
37559.738	46869.660	30.462	31.871	26.624
1.023				

4/19/2016 1:30:00 AM	561600.000	27.501	14.601	61.949
37509.793	46806.539	30.416	31.828	26.660
1.023				
4/19/2016 1:45:00 AM	562500.000	27.481	14.603	61.903
37513.688	46809.121	30.418	31.830	26.657
1.023				
4/19/2016 2:00:00 AM	563400.000	27.492	14.609	61.929
37506.027	46793.320	30.407	31.819	26.662
1.023				
4/19/2016 2:15:00 AM	564300.000	27.475	14.605	61.891
37439.957	46714.754	30.350	31.766	26.709
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4/19/2016 2:30:00 AM	565200.000	27.470	14.625	61.880
37420.746	46668.441	30.318	31.735	26.723
1.022				
4/19/2016 2:45:00 AM	566100.000	27.459	14.621	61.854
37436.477	46693.285	30.336	31.751	26.712
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4/19/2016 3:00:00 AM	567000.000	27.459	14.621	61.853
37367.566	46607.051	30.274	31.693	26.761
1.022				
4/19/2016 3:15:00 AM	567900.000	27.436	14.641	61.803
37417.949	46646.969	30.304	31.720	26.725
1.022				
4/19/2016 3:30:00 AM	568800.000	27.431	14.623	61.792
37330.227	46558.602	30.239	31.660	26.788
1.022				
4/19/2016 3:45:00 AM	569700.000	27.418	14.635	61.761
37333.543	46548.457	30.232	31.653	26.786
1.022				
4/19/2016 4:00:00 AM	570600.000	27.415	14.648	61.755
37366.805	46575.637	30.253	31.671	26.762
1.022				
4/19/2016 4:15:00 AM	571500.000	27.413	14.645	61.750
37283.887	46475.828	30.181	31.604	26.821
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4/19/2016 4:30:00 AM	572400.000	27.400	14.655	61.721
37332.797	46526.063	30.218	31.638	26.786
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4/19/2016 4:45:00 AM	573300.000	27.396	14.661	61.713
37328.180	46513.414	30.209	31.629	26.789
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4/19/2016 5:00:00 AM	574200.000	27.391	14.672	61.701
37326.590	46498.844	30.199	31.619	26.791
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4/19/2016 5:15:00 AM	575100.000	27.394	14.681	61.707
37316.504	46477.043	30.184	31.604	26.798
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4/19/2016 5:30:00 AM	576000.000	27.390	14.678	61.698
37267.559	46418.922	30.142	31.565	26.833
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4/19/2016 5:45:00 AM	576900.000	27.384	14.677	61.685
37256.051	46405.980	30.133	31.556	26.841
1.022				
4/19/2016 6:00:00 AM	577800.000	27.381	14.697	61.679
37285.383	46420.043	30.144	31.566	26.820
1.022				

4/19/2016 6:15:00 AM	578700.000	27.383	14.680	61.682
37329.152	46493.098	30.196	31.615	26.789
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4/19/2016 6:30:00 AM	579600.000	27.395	14.700	61.710
37265.133	46391.387	30.124	31.546	26.835
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4/19/2016 6:45:00 AM	580500.000	27.394	14.720	61.708
37287.457	46398.008	30.130	31.551	26.819
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37273.227	46402.063	30.132	31.553	26.829
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4/19/2016 7:15:00 AM	582300.000	27.406	14.719	61.734
37312.453	46430.008	30.153	31.572	26.801
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4/19/2016 7:30:00 AM	583200.000	27.415	14.736	61.755
37321.910	46422.953	30.149	31.568	26.794
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4/19/2016 7:45:00 AM	584100.000	27.411	14.734	61.745
37349.051	46458.781	30.175	31.592	26.774
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4/19/2016 8:00:00 AM	585000.000	27.419	14.741	61.764
37297.980	46387.219	30.124	31.543	26.811
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4/19/2016 8:15:00 AM	585900.000	27.420	14.739	61.767
37289.629	46379.082	30.118	31.538	26.817
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4/19/2016 8:30:00 AM	586800.000	27.428	14.731	61.784
37263.609	46356.117	30.101	31.522	26.836
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4/19/2016 8:45:00 AM	587700.000	27.445	14.706	61.822
37226.148	46336.508	30.085	31.509	26.863
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4/19/2016 9:00:00 AM	588600.000	27.456	14.690	61.848
37207.500	46331.207	30.080	31.505	26.876
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4/19/2016 9:15:00 AM	589500.000	27.461	14.677	61.858
37268.355	46421.590	30.144	31.567	26.832
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4/19/2016 9:30:00 AM	590400.000	27.468	14.673	61.874
37265.691	46422.098	30.144	31.567	26.834
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4/19/2016 9:45:00 AM	591300.000	27.477	14.644	61.895
37268.160	46457.297	30.167	31.591	26.833
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4/19/2016 10:00:00 AM	592200.000	27.489	14.661	61.922
37332.672	46519.309	30.213	31.633	26.786
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4/19/2016 10:15:00 AM	593100.000	27.486	14.661	61.916
37342.516	46531.668	30.222	31.642	26.779
1.022				
4/19/2016 10:30:00 AM	594000.000	27.494	14.665	61.933
37358.547	46547.129	30.234	31.652	26.768
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4/19/2016 10:45:00 AM	594900.000	27.507	14.674	61.962
37410.801	46601.574	30.274	31.689	26.730
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37453.766	46650.664	30.309	31.722	26.700
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4/19/2016 11:15:00 AM	596700.000	27.506	14.682	61.959
37470.840	46667.988	30.322	31.734	26.687
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4/19/2016 11:30:00 AM	597600.000	27.503	14.688	61.953
37489.508	46684.527	30.335	31.745	26.674
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4/19/2016 11:45:00 AM	598500.000	27.507	14.673	61.963
37498.434	46712.129	30.353	31.764	26.668
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4/19/2016 12:00:00 PM	599400.000	27.507	14.672	61.961
37509.371	46727.320	30.364	31.775	26.660
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37533.953	46766.461	30.392	31.801	26.643
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4/19/2016 12:30:00 PM	601200.000	27.498	14.650	61.942
37487.934	46724.527	30.361	31.773	26.675
1.022				
4/19/2016 12:45:00 PM	602100.000	27.492	14.653	61.929
37505.781	46743.523	30.375	31.786	26.663
1.022				
4/19/2016 1:00:00 PM	603000.000	27.494	14.648	61.933
37488.281	46727.641	30.363	31.775	26.675
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4/19/2016 1:15:00 PM	603900.000	27.485	14.651	61.913
37459.246	46687.293	30.334	31.747	26.696
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4/19/2016 1:30:00 PM	604800.000	27.477	14.665	61.894
37436.957	46644.625	30.304	31.718	26.712
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4/19/2016 1:45:00 PM	605700.000	27.465	14.639	61.867
37392.852	46618.848	30.284	31.701	26.743
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4/19/2016 2:00:00 PM	606600.000	27.447	14.657	61.828
37362.977	46561.004	30.243	31.661	26.764
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4/19/2016 2:15:00 PM	607500.000	27.444	14.649	61.820
37341.234	46543.375	30.230	31.649	26.780
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37380.125	46577.949	30.256	31.673	26.752
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37304.402	46496.477	30.196	31.618	26.806
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4/19/2016 3:00:00 PM	610200.000	27.411	14.659	61.746
37302.609	46483.520	30.187	31.609	26.808
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4/19/2016 3:15:00 PM	611100.000	27.401	14.670	61.724
37303.309	46472.012	30.180	31.601	26.807
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37282.918	46443.945	30.160	31.582	26.822
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37281.777	46432.723	30.152	31.574	26.823
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37304.879	46468.164	30.177	31.598	26.806
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37265.316	46418.508	30.142	31.565	26.835
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4/19/2016 4:30:00 PM	615600.000	27.362	14.703	61.635
37290.082	46419.813	30.145	31.565	26.817
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37243.355	46375.645	30.112	31.535	26.850
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4/19/2016 5:00:00 PM	617400.000	27.357	14.690	61.624
37208.348	46331.859	30.080	31.506	26.876
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37253.020	46375.727	30.113	31.535	26.843
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4/19/2016 5:30:00 PM	619200.000	27.346	14.687	61.599
37184.938	46305.941	30.061	31.488	26.893
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37301.703	46423.676	30.148	31.568	26.808
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4/19/2016 6:00:00 PM	621000.000	27.350	14.702	61.609
37219.031	46332.734	30.082	31.506	26.868
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4/19/2016 6:15:00 PM	621900.000	27.353	14.722	61.616
37268.207	46371.629	30.111	31.533	26.833
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37202.289	46298.098	30.058	31.483	26.880
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4/19/2016 6:45:00 PM	623700.000	27.370	14.739	61.653
37273.559	46359.297	30.103	31.524	26.829
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37239.012	46314.859	30.072	31.494	26.854
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37265.148	46331.523	30.085	31.505	26.835
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37255.648	46317.180	30.074	31.496	26.842
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37224.129	46277.699	30.046	31.469	26.864
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4/19/2016 8:00:00 PM	628200.000	27.403	14.751	61.727
37209.422	46266.254	30.037	31.461	26.875
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37142.684	46207.926	29.994	31.421	26.923
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37118.418	46217.547	29.998	31.428	26.941
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37123.680	46237.480	30.011	31.441	26.937
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4/19/2016 9:00:00 PM	631800.000	27.447	14.664	61.828
37159.184	46299.504	30.055	31.484	26.911
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37160.598	46317.727	30.067	31.496	26.910
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37204.098	46382.250	30.113	31.540	26.879
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37221.164	46412.066	30.134	31.560	26.866
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37261.527	46471.539	30.176	31.601	26.837
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37293.777	46515.109	30.207	31.630	26.814
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37326.914	46561.969	30.241	31.662	26.790
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37325.227	46561.824	30.241	31.662	26.792
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37364.883	46611.602	30.276	31.696	26.763
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37401.383	46653.469	30.307	31.724	26.737
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37473.359	46725.355	30.360	31.773	26.686
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37479.145	46715.660	30.354	31.767	26.682
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37515.660	46740.207	30.373	31.783	26.656
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37532.066	46758.770	30.387	31.796	26.644
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37518.406	46763.402	30.389	31.799	26.654
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37518.469	46773.074	30.395	31.806	26.654
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37541.281	46797.461	30.413	31.822	26.637
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37482.934	46726.809	30.362	31.774	26.679
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37483.164	46739.449	30.370	31.783	26.679
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37430.324	46662.707	30.315	31.731	26.716
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37402.109	46625.949	30.289	31.706	26.736
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37375.137	46587.188	30.261	31.679	26.756
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37343.094	46546.082	30.232	31.651	26.779
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37331.707	46532.082	30.222	31.642	26.787
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4/20/2016 3:00:00 AM	653400.000	27.460	14.657	61.857
37344.523	46538.605	30.227	31.646	26.778
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37335.617	46519.543	30.214	31.633	26.784
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37339.430	46518.879	30.214	31.633	26.781
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37298.754	46469.965	30.178	31.600	26.811
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37259.531	46425.117	30.145	31.569	26.839
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37253.207	46397.141	30.127	31.550	26.843
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37197.039	46343.141	30.087	31.513	26.884
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37245.035	46390.488	30.122	31.546	26.849
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37196.707	46328.523	30.077	31.503	26.884
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4/20/2016 5:15:00 AM	661500.000	27.360	14.687	61.631
37201.512	46327.082	30.076	31.502	26.881
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37203.363	46324.586	30.075	31.501	26.879
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37128.617	46239.414	30.013	31.443	26.933
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37139.191	46236.375	30.012	31.441	26.926
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37178.820	46282.375	30.045	31.472	26.897
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37161.219	46256.949	30.027	31.455	26.910
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37142.621	46231.176	30.009	31.437	26.923
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4/20/2016 7:00:00 AM	667800.000	27.344	14.722	61.594
37180.410	46262.387	30.032	31.458	26.896
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4/20/2016 7:15:00 AM	668700.000	27.349	14.731	61.607
37167.117	46235.594	30.014	31.440	26.906
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4/20/2016 7:30:00 AM	669600.000	27.348	14.721	61.603
37133.008	46204.754	29.991	31.419	26.930
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4/20/2016 7:45:00 AM	670500.000	27.351	14.730	61.611
37142.434	46205.758	29.992	31.420	26.923
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4/20/2016 8:00:00 AM	671400.000	27.358	14.738	61.626
37147.500	46203.582	29.991	31.418	26.920
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4/20/2016 8:15:00 AM	672300.000	27.363	14.757	61.638
37187.773	46232.984	30.014	31.438	26.891
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4/20/2016 8:30:00 AM	673200.000	27.367	14.755	61.646
37207.172	46258.965	30.032	31.456	26.877
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4/20/2016 8:45:00 AM	674100.000	27.368	14.760	61.649
37147.852	46180.234	29.976	31.403	26.919
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4/20/2016 9:00:00 AM	675000.000	27.377	14.777	61.669
37162.820	46180.152	29.977	31.403	26.909
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4/20/2016 9:15:00 AM	675900.000	27.384	14.771	61.686
37146.223	46165.461	29.966	31.393	26.921
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4/20/2016 9:30:00 AM	676800.000	27.396	14.743	61.713
37115.133	46157.578	29.958	31.387	26.943
1.022				
4/20/2016 9:45:00 AM	677700.000	27.397	14.716	61.715
37068.109	46129.258	29.936	31.368	26.977
1.022				
4/20/2016 10:00:00 AM	678600.000	27.410	14.713	61.744
37116.109	46192.410	29.981	31.411	26.942
1.022				
4/20/2016 10:15:00 AM	679500.000	27.416	14.691	61.757
37106.820	46204.070	29.988	31.419	26.949
1.022				
4/20/2016 10:30:00 AM	680400.000	27.424	14.692	61.775
37171.309	46283.301	30.045	31.473	26.902
1.022				

4/20/2016 10:45:00 AM	681300.000	27.425	14.689	61.777
37173.922	46290.371	30.050	31.477	26.901
1.022				
4/20/2016 11:00:00 AM	682200.000	27.434	14.683	61.797
37232.332	46369.563	30.107	31.531	26.858
1.022				
4/20/2016 11:15:00 AM	683100.000	27.434	14.693	61.798
37225.641	46349.871	30.093	31.518	26.863
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4/20/2016 11:30:00 AM	684000.000	27.440	14.709	61.811
37270.484	46388.852	30.123	31.544	26.831
1.022				
4/20/2016 11:45:00 AM	684900.000	27.443	14.707	61.819
37309.012	46438.863	30.159	31.578	26.803
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4/20/2016 12:00:00 PM	685800.000	27.445	14.714	61.822
37337.180	46466.168	30.179	31.597	26.783
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4/20/2016 12:15:00 PM	686700.000	27.445	14.727	61.823
37347.930	46464.926	30.179	31.596	26.775
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4/20/2016 12:30:00 PM	687600.000	27.441	14.724	61.813
37405.949	46540.656	30.233	31.648	26.734
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4/20/2016 12:45:00 PM	688500.000	27.441	14.712	61.814
37401.449	46548.711	30.238	31.653	26.737
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4/20/2016 1:00:00 PM	689400.000	27.444	14.705	61.821
37404.715	46560.043	30.246	31.661	26.735
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4/20/2016 1:15:00 PM	690300.000	27.437	14.699	61.803
37415.582	46579.969	30.260	31.674	26.727
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4/20/2016 1:30:00 PM	691200.000	27.437	14.710	61.804
37378.559	46521.891	30.219	31.635	26.753
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4/20/2016 1:45:00 PM	692100.000	27.430	14.689	61.789
37410.754	46585.281	30.263	31.678	26.730
1.022				
4/20/2016 2:00:00 PM	693000.000	27.420	14.689	61.767
37335.059	46490.719	30.195	31.614	26.784
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4/20/2016 2:15:00 PM	693900.000	27.416	14.686	61.758
37302.563	46453.406	30.168	31.588	26.808
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4/20/2016 2:30:00 PM	694800.000	27.409	14.698	61.741
37313.516	46454.762	30.169	31.589	26.800
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4/20/2016 2:45:00 PM	695700.000	27.398	14.710	61.716
37327.445	46457.887	30.173	31.591	26.790
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4/20/2016 3:00:00 PM	696600.000	27.393	14.694	61.705
37298.117	46439.332	30.158	31.579	26.811
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4/20/2016 3:15:00 PM	697500.000	27.378	14.700	61.672
37293.660	46427.500	30.150	31.571	26.814
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37274.148	46388.609	30.123	31.544	26.828
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4/20/2016 3:45:00 PM	699300.000	27.363	14.710	61.638
37264.613	46379.688	30.116	31.538	26.835
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4/20/2016 4:00:00 PM	700200.000	27.351	14.708	61.610
37227.238	46336.094	30.084	31.509	26.862
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4/20/2016 4:15:00 PM	701100.000	27.343	14.713	61.593
37192.164	46287.066	30.049	31.475	26.887
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4/20/2016 4:30:00 PM	702000.000	27.332	14.725	61.568
37203.105	46286.605	30.050	31.475	26.879
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4/20/2016 4:45:00 PM	702900.000	27.328	14.721	61.559
37177.949	46260.379	30.031	31.457	26.898
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4/20/2016 5:00:00 PM	703800.000	27.323	14.723	61.548
37160.367	46236.363	30.014	31.441	26.910
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4/20/2016 5:15:00 PM	704700.000	27.316	14.724	61.531
37203.031	46288.566	30.051	31.476	26.880
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4/20/2016 5:30:00 PM	705600.000	27.320	14.734	61.541
37159.746	46223.305	30.005	31.432	26.911
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4/20/2016 5:45:00 PM	706500.000	27.314	14.726	61.527
37144.227	46212.371	29.997	31.424	26.922
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4/20/2016 6:00:00 PM	707400.000	27.314	14.734	61.527
37130.355	46187.031	29.979	31.407	26.932
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4/20/2016 6:15:00 PM	708300.000	27.318	14.739	61.536
37138.473	46191.184	29.982	31.410	26.926
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4/20/2016 6:30:00 PM	709200.000	27.322	14.742	61.544
37127.211	46174.348	29.970	31.399	26.934
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4/20/2016 6:45:00 PM	710100.000	27.322	14.749	61.544
37115.086	46151.180	29.954	31.383	26.943
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4/20/2016 7:00:00 PM	711000.000	27.324	14.749	61.551
37120.574	46157.629	29.959	31.387	26.939
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4/20/2016 7:15:00 PM	711900.000	27.331	14.758	61.566
37105.074	46129.012	29.939	31.368	26.950
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4/20/2016 7:30:00 PM	712800.000	27.335	14.767	61.575
37143.082	46166.125	29.966	31.393	26.923
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4/20/2016 7:45:00 PM	713700.000	27.342	14.778	61.591
37195.926	46219.434	30.005	31.429	26.885
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4/20/2016 8:00:00 PM	714600.000	27.353	14.778	61.615
37137.637	46147.406	29.953	31.380	26.927
1.022				

4/20/2016 8:15:00 PM	715500.000	27.359	14.782	61.628
37125.164	46127.629	29.939	31.367	26.936
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4/20/2016 8:30:00 PM	716400.000	27.370	14.751	61.653
37058.465	46079.121	29.902	31.334	26.984
1.022				
4/20/2016 8:45:00 PM	717300.000	27.374	14.720	61.662
37053.484	46106.590	29.920	31.352	26.988
1.022				
4/20/2016 9:00:00 PM	718200.000	27.389	14.702	61.696
37032.867	46100.109	29.914	31.348	27.003
1.022				
4/20/2016 9:15:00 PM	719100.000	27.402	14.683	61.727
37051.883	46145.508	29.945	31.379	26.989
1.022				
4/20/2016 9:30:00 PM	720000.000	27.414	14.679	61.753
37074.668	46177.418	29.968	31.401	26.973
1.022				
4/20/2016 9:45:00 PM	720900.000	27.424	14.668	61.776
37110.863	46234.789	30.009	31.440	26.946
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4/20/2016 10:00:00 PM	721800.000	27.438	14.661	61.808
37126.492	46262.484	30.028	31.458	26.935
1.022				
4/20/2016 10:15:00 PM	722700.000	27.444	14.656	61.821
37202.438	46362.219	30.100	31.526	26.880
1.022				
4/20/2016 10:30:00 PM	723600.000	27.452	14.648	61.838
37175.953	46338.137	30.082	31.510	26.899
1.022				
4/20/2016 10:45:00 PM	724500.000	27.461	14.651	61.858
37213.516	46381.621	30.113	31.540	26.872
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4/20/2016 11:00:00 PM	725400.000	27.468	14.647	61.875
37269.000	46454.891	30.166	31.589	26.832
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4/20/2016 11:15:00 PM	726300.000	27.471	14.646	61.882
37246.754	46428.934	30.147	31.572	26.848
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4/20/2016 11:30:00 PM	727200.000	27.481	14.651	61.903
37320.781	46514.914	30.209	31.630	26.795
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4/20/2016 11:45:00 PM	728100.000	27.479	14.641	61.898
37302.465	46503.883	30.201	31.623	26.808
1.022				

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

Date	Time	ms	LEVEL	TEMPERATURE
4/14/2016	0:00:00	0	14.7427	10.646
4/14/2016	0:15:00	0	14.7449	10.343
4/14/2016	0:30:00	0	14.7434	10.073
4/14/2016	0:45:00	0	14.7468	9.774
4/14/2016	1:00:00	0	14.7492	9.644
4/14/2016	1:15:00	0	14.7489	9.616
4/14/2016	1:30:00	0	14.7506	9.546
4/14/2016	1:45:00	0	14.7529	9.53
4/14/2016	2:00:00	0	14.7497	9.484
4/14/2016	2:15:00	0	14.7448	9.63
4/14/2016	2:30:00	0	14.7405	9.702
4/14/2016	2:45:00	0	14.7385	9.641
4/14/2016	3:00:00	0	14.7359	9.525
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4/14/2016	3:30:00	0	14.7326	9.641
4/14/2016	3:45:00	0	14.7307	9.719
4/14/2016	4:00:00	0	14.7271	9.876
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4/14/2016	5:00:00	0	14.7197	10.344
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4/14/2016	5:30:00	0	14.7226	10.208
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4/14/2016	10:15:00	0	14.7581	17.776
4/14/2016	10:30:00	0	14.7597	18.531
4/14/2016	10:45:00	0	14.7615	19.384
4/14/2016	11:00:00	0	14.7633	20.073
4/14/2016	11:15:00	0	14.765	20.594
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4/14/2016	11:45:00	0	14.7652	21.325
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4/15/2016	1:00:00	0	14.75	10.331
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4/15/2016	16:30:00	0	14.7142	17.486
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4/15/2016	17:30:00	0	14.7101	16.265
4/15/2016	17:45:00	0	14.7095	15.902
4/15/2016	18:00:00	0	14.708	15.613
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4/15/2016	18:45:00	0	14.7053	14.979
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4/15/2016	19:15:00	0	14.7071	14.704
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4/15/2016	22:00:00	0	14.7341	11.706
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4/15/2016	22:30:00	0	14.7333	11.411
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4/15/2016	23:15:00	0	14.7331	11.009
4/15/2016	23:30:00	0	14.7315	10.78
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4/16/2016	0:00:00	0	14.7297	10.373
4/16/2016	0:15:00	0	14.7315	10.19
4/16/2016	0:30:00	0	14.7294	9.992
4/16/2016	0:45:00	0	14.7286	9.82
4/16/2016	1:00:00	0	14.7289	9.666
4/16/2016	1:15:00	0	14.728	9.55
4/16/2016	1:30:00	0	14.7272	9.369
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4/16/2016	2:15:00	0	14.7233	8.744
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4/16/2016	5:15:00	0	14.7125	7.519
4/16/2016	5:30:00	0	14.7129	7.476
4/16/2016	5:45:00	0	14.715	7.429
4/16/2016	6:00:00	0	14.7147	7.342
4/16/2016	6:15:00	0	14.7158	7.338
4/16/2016	6:30:00	0	14.7164	7.356
4/16/2016	6:45:00	0	14.7173	7.391
4/16/2016	7:00:00	0	14.7209	7.56
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4/16/2016	7:45:00	0	14.7298	10.159

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4/16/2016	9:15:00	0	14.7319	16.827
4/16/2016	9:30:00	0	14.7311	18.174
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4/19/2016	12:15:00	0	14.6674	28.048
4/19/2016	12:30:00	0	14.6668	27.483
4/19/2016	12:45:00	0	14.6661	26.982
4/19/2016	13:00:00	0	14.6651	25.931
4/19/2016	13:15:00	0	14.6621	25.37
4/19/2016	13:30:00	0	14.6648	24.766
4/19/2016	13:45:00	0	14.6647	24.159
4/19/2016	14:00:00	0	14.6667	23.781
4/19/2016	14:15:00	0	14.6681	24.119
4/19/2016	14:30:00	0	14.6679	23.926
4/19/2016	14:45:00	0	14.6673	23.736
4/19/2016	15:00:00	0	14.6671	23.445
4/19/2016	15:15:00	0	14.6647	23.149
4/19/2016	15:30:00	0	14.6637	22.768
4/19/2016	15:45:00	0	14.6619	22.399
4/19/2016	16:00:00	0	14.659	22.096
4/19/2016	16:15:00	0	14.6561	21.826
4/19/2016	16:30:00	0	14.6545	21.694
4/19/2016	16:45:00	0	14.6522	21.576
4/19/2016	17:00:00	0	14.6494	21.476
4/19/2016	17:15:00	0	14.6503	21.281
4/19/2016	17:30:00	0	14.6485	21.176
4/19/2016	17:45:00	0	14.6491	20.956
4/19/2016	18:00:00	0	14.6484	20.732

4/19/2016	18:15:00	0	14.6479	20.563
4/19/2016	18:30:00	0	14.6453	20.308
4/19/2016	18:45:00	0	14.6442	19.909
4/19/2016	19:00:00	0	14.6428	19.532
4/19/2016	19:15:00	0	14.6432	19.163
4/19/2016	19:30:00	0	14.6436	18.781
4/19/2016	19:45:00	0	14.6434	18.179
4/19/2016	20:00:00	0	14.648	17.341
4/19/2016	20:15:00	0	14.6515	16.367
4/19/2016	20:30:00	0	14.6532	15.708
4/19/2016	20:45:00	0	14.656	15.176
4/19/2016	21:00:00	0	14.6594	14.862
4/19/2016	21:15:00	0	14.6611	14.437
4/19/2016	21:30:00	0	14.6623	14.018
4/19/2016	21:45:00	0	14.6609	13.599
4/19/2016	22:00:00	0	14.6607	13.201
4/19/2016	22:15:00	0	14.6611	12.919
4/19/2016	22:30:00	0	14.6619	12.636
4/19/2016	22:45:00	0	14.6609	12.331
4/19/2016	23:00:00	0	14.6593	12.138
4/19/2016	23:15:00	0	14.6583	11.955
4/19/2016	23:30:00	0	14.6571	11.859
4/19/2016	23:45:00	0	14.655	11.704
4/20/2016	0:00:00	0	14.6567	11.49
4/20/2016	0:15:00	0	14.6567	11.519
4/20/2016	0:30:00	0	14.6594	11.332
4/20/2016	0:45:00	0	14.6582	10.976
4/20/2016	1:00:00	0	14.6594	10.617
4/20/2016	1:15:00	0	14.6577	10.328
4/20/2016	1:30:00	0	14.6559	10.029
4/20/2016	1:45:00	0	14.6544	9.699
4/20/2016	2:00:00	0	14.6556	9.525
4/20/2016	2:15:00	0	14.6555	9.522
4/20/2016	2:30:00	0	14.6557	9.487
4/20/2016	2:45:00	0	14.6541	9.354
4/20/2016	3:00:00	0	14.6533	9.355
4/20/2016	3:15:00	0	14.6524	9.228
4/20/2016	3:30:00	0	14.6524	9.04
4/20/2016	3:45:00	0	14.6522	8.955
4/20/2016	4:00:00	0	14.6547	8.756
4/20/2016	4:15:00	0	14.6534	8.516
4/20/2016	4:30:00	0	14.6522	8.421
4/20/2016	4:45:00	0	14.6513	8.427
4/20/2016	5:00:00	0	14.6514	8.394
4/20/2016	5:15:00	0	14.6514	8.443
4/20/2016	5:30:00	0	14.6517	8.35
4/20/2016	5:45:00	0	14.6509	8.241

4/20/2016	6:00:00	0	14.6505	8.101
4/20/2016	6:15:00	0	14.6508	8.015
4/20/2016	6:30:00	0	14.6514	7.912
4/20/2016	6:45:00	0	14.6529	7.924
4/20/2016	7:00:00	0	14.655	8.24
4/20/2016	7:15:00	0	14.6567	8.737
4/20/2016	7:30:00	0	14.659	9.47
4/20/2016	7:45:00	0	14.6592	10.294
4/20/2016	8:00:00	0	14.661	11.266
4/20/2016	8:15:00	0	14.6618	12.28
4/20/2016	8:30:00	0	14.6659	13.397
4/20/2016	8:45:00	0	14.6668	14.551
4/20/2016	9:00:00	0	14.6672	15.786
4/20/2016	9:15:00	0	14.6696	16.921
4/20/2016	9:30:00	0	14.6706	18.037
4/20/2016	9:45:00	0	14.67	19.289
4/20/2016	10:00:00	0	14.6703	20.645
4/20/2016	10:15:00	0	14.669	22.055
4/20/2016	10:30:00	0	14.6683	23.586
4/20/2016	10:45:00	0	14.6692	24.786
4/20/2016	11:00:00	0	14.6694	25.483
4/20/2016	11:15:00	0	14.6693	25.855
4/20/2016	11:30:00	0	14.6687	26.307
4/20/2016	11:45:00	0	14.6687	26.742
4/20/2016	12:00:00	0	14.6688	27.213
4/20/2016	12:15:00	0	14.6689	27.162
4/20/2016	12:30:00	0	14.6694	26.696
4/20/2016	12:45:00	0	14.6693	26.141
4/20/2016	13:00:00	0	14.6687	25.639
4/20/2016	13:15:00	0	14.6685	25.022
4/20/2016	13:30:00	0	14.6674	24.518
4/20/2016	13:45:00	0	14.6685	24.084
4/20/2016	14:00:00	0	14.668	23.936
4/20/2016	14:15:00	0	14.6667	23.823
4/20/2016	14:30:00	0	14.6657	23.728
4/20/2016	14:45:00	0	14.6643	23.775
4/20/2016	15:00:00	0	14.6637	23.795
4/20/2016	15:15:00	0	14.6648	23.827
4/20/2016	15:30:00	0	14.6613	23.941
4/20/2016	15:45:00	0	14.6616	23.721
4/20/2016	16:00:00	0	14.6612	22.965
4/20/2016	16:15:00	0	14.6595	21.676
4/20/2016	16:30:00	0	14.6596	20.563
4/20/2016	16:45:00	0	14.6597	19.78
4/20/2016	17:00:00	0	14.6597	19.163
4/20/2016	17:15:00	0	14.6583	18.817
4/20/2016	17:30:00	0	14.6589	18.564

4/20/2016	17:45:00	0	14.6591	18.373
4/20/2016	18:00:00	0	14.6585	18.131
4/20/2016	18:15:00	0	14.6578	17.916
4/20/2016	18:30:00	0	14.6563	17.801
4/20/2016	18:45:00	0	14.6561	17.777
4/20/2016	19:00:00	0	14.6568	17.666
4/20/2016	19:15:00	0	14.6558	17.461
4/20/2016	19:30:00	0	14.6539	17.274
4/20/2016	19:45:00	0	14.6549	17.047
4/20/2016	20:00:00	0	14.6538	16.942
4/20/2016	20:15:00	0	14.6538	16.811
4/20/2016	20:30:00	0	14.6554	16.727
4/20/2016	20:45:00	0	14.659	16.575
4/20/2016	21:00:00	0	14.6618	16.523
4/20/2016	21:15:00	0	14.6631	16.515
4/20/2016	21:30:00	0	14.664	16.516
4/20/2016	21:45:00	0	14.6652	16.511
4/20/2016	22:00:00	0	14.6653	16.53
4/20/2016	22:15:00	0	14.6663	16.517
4/20/2016	22:30:00	0	14.6663	16.53
4/20/2016	22:45:00	0	14.6643	16.557
4/20/2016	23:00:00	0	14.6638	16.544
4/20/2016	23:15:00	0	14.6609	16.489
4/20/2016	23:30:00	0	14.6603	16.396
4/20/2016	23:45:00	0	14.6617	16.292

Report Date: 4/22/2016 8:16:26 AM
Report User Name: KMakar
Report Computer Name: WKST46
Application: WinSitu.exe
Application Version: 5.6.25.0

Log File Properties:
File Name: MPWSP BaroTroll Pre Test_Append_2016-04-21_18-56-38-301.wsl
Create Date: 4/21/2016 6:56:38 PM

Device Properties:
Device: BaroTROLL 500
Site: MPWSP BaroTroll
Device Name:
Serial Number: 399604
Firmware Version: 3.02
Hardware Version: 4
Device Address: 1
Device Comm Cfg: 19200,8,Even,1,(Modbus-RTU)
Used Memory(%): 12
Used Battery(%): 0

Log Configuration
Log Name: MPWSP BaroTroll Pre Test
Created By: nreynolds
Computer Name: PROBOOK1
Application: WinSitu.exe
Application Version: 5.6.25.0
Create Date: 3/14/2015 3:38:56 PM Pacific Daylight Time
Log Setup Time Zone: Pacific Daylight Time
Notes Size(bytes): 4096
Overwrite when full: Enabled
Scheduled Start Time: 3/14/2015 3:45:00 PM Pacific Daylight Time
Scheduled Stop Time: No Stop Time
Type: Linear
Interval: Days: 0 hrs: 00 mins: 15 secs: 00

Other Log Settings

Log Notes:

Date and Time	Note
3/14/2015 3:39:01 PM	Used Battery: 0% Used Memory: 25% User Name: nreynolds
3/15/2015 11:11:38 PM	Log Download - Used Battery: 0% Used Memory: 25% User Name: nreynolds

3/20/2015 2:19:00 PM Log Download - Used Battery: 0% Used Memory: 25% User Name: GSSI
3/27/2015 3:34:52 PM Log Download - Used Battery: 0% Used Memory: 25% User Name: GSSI
4/2/2015 5:30:59 PM Log Download - Used Battery: 0% Used Memory: 25% User Name: GSSI
4/3/2015 3:20:31 PM Log Download - Used Battery: 1% Used Memory: 25% User Name: ECrowWillard
4/6/2015 11:57:36 AM Log Download - Used Battery: 1% Used Memory: 25% User Name: AKhalighi
4/10/2015 11:59:01 AM Log Download - Used Battery: 1% Used Memory: 25% User Name: ECrowWillard
4/17/2015 5:14:03 PM Log Download - Used Battery: 1% Used Memory: 25% User Name: AKieta
4/24/2015 11:57:43 AM Log Download - Used Battery: 1% Used Memory: 25% User Name: JSobolew
4/25/2015 9:11:45 AM Log Download - Used Battery: 1% Used Memory: 25% User Name: ECrowWillard
4/30/2015 10:57:19 PM Log Download - Used Battery: 1% Used Memory: 31% User Name: GSSI
5/1/2015 3:55:18 PM Log Download - Used Battery: 1% Used Memory: 31% User Name: GSSI
5/7/2015 5:48:49 PM Log Download - Used Battery: 1% Used Memory: 31% User Name: ECrowWillard
Interval - Start Time: 5/1/2015 3:45:00 PM
5/14/2015 7:57:49 PM Log Download - Used Battery: 1% Used Memory: 31% User Name: BDuarte
5/21/2015 5:33:26 PM Log Download - Used Battery: 1% Used Memory: 31% User Name: CShaw
5/28/2015 7:09:07 PM Log Download - Used Battery: 1% Used Memory: 31% User Name: ECrowWillard
Interval - Start Time: 5/7/2015 5:45:00 PM
6/4/2015 2:11:13 PM Log Download - Used Battery: 1% Used Memory: 31% User Name: BDuarte
6/5/2015 7:49:54 AM Log Download - Used Battery: 1% Used Memory: 31% User Name: BDuarte
6/8/2015 8:18:16 AM Log Download - Used Battery: 2% Used Memory: 37% User Name: BDuarte Interval - Start Time: 6/5/2015 7:45:00 AM
6/11/2015 7:44:35 AM Log Download - Used Battery: 2% Used Memory: 37% User Name: BDuarte Interval - Start Time: 6/8/2015 8:15:00 AM
6/11/2015 6:06:30 PM Log Download - Used Battery: 2% Used Memory: 37% User Name: BDuarte Interval - Start Time: 6/11/2015 7:30:00 AM
6/17/2015 8:39:35 AM Log Download - Used Battery: 2% Used Memory: 37% User Name: CShaw Interval - Start Time: 5/21/2015 5:30:00 PM
6/18/2015 6:32:24 PM Log Download - Used Battery: 2% Used Memory: 37% User Name: CShaw
6/25/2015 9:54:31 AM Log Download - Used Battery: 2% Used Memory: 37% User Name: BDuarte Interval - Start Time: 6/11/2015 6:00:00 PM
6/26/2015 1:33:47 PM Log Download - Used Battery: 2% Used Memory: 37% User Name: Administrator
7/2/2015 6:13:23 PM Log Download - Used Battery: 2% Used Memory: 37% User Name: CShaw
7/9/2015 6:23:20 PM Log Download - Used Battery: 2% Used Memory: 37% User Name: BDuarte
7/10/2015 6:21:03 PM Log Download - Used Battery: 2% Used Memory: 37% User Name: BDuarte Interval - Start Time: 7/9/2015 6:15:00 PM
7/16/2015 6:03:22 PM Log Download - Used Battery: 2% Used Memory: 37% User Name: CShaw
7/23/2015 5:28:45 PM Log Download - Used Battery: 2% Used Memory: 43% User Name: KMakar
7/30/2015 5:44:32 PM Log Download - Used Battery: 2% Used Memory: 43% User Name: BDuarte Interval - Start Time: 7/10/2015 6:15:00 PM
8/6/2015 6:43:35 PM Log Download - Used Battery: 2% Used Memory: 43% User Name: CShaw Interval - Start Time: 7/10/2015 6:10:00 PM Stop Time: 8/6/2015 5:30:00 PM
8/13/2015 2:25:16 PM Log Download - Used Battery: 3% Used Memory: 43% User Name: KMakar Interval - Start Time: 7/23/2015 5:15:00 PM
8/20/2015 6:24:08 PM Log Download - Used Battery: 3% Used Memory: 43% User Name: BDuarte Interval - Start Time: 7/30/2015 5:30:00 PM
8/27/2015 12:57:50 PM Log Download - Used Battery: 3% Used Memory: 43% User Name: KMakar Interval - Start Time: 8/13/2015 5:15:00 PM Stop Time: 8/27/2015 12:55:00 PM
8/27/2015 12:59:01 PM Log Download - Used Battery: 3% Used Memory: 43% User Name: KMakar Interval - Start Time: 8/13/2015 5:15:00 PM Stop Time: 8/27/2015 12:55:00 PM
9/3/2015 6:52:30 PM Log Download - Used Battery: 3% Used Memory: 50% User Name: CShaw Interval - Start Time: 8/1/2015 5:30:00 PM Stop Time: 9/3/2015 7:40:00 PM
9/10/2015 12:20:13 PM Log Download - Used Battery: 3% Used Memory: 50% User Name: KMakar Interval - Start Time: 8/10/2015 8:30:00 AM Stop Time: 9/10/2015 12:18:00 PM
9/17/2015 11:34:52 AM Log Download - Used Battery: 3% Used Memory: 50% User Name: KMakar Interval -

Start Time: 9/1/2015 5:30:00 AM Stop Time: 9/17/2015 11:30:00 AM
9/24/2015 7:34:21 PM Log Download - Used Battery: 3% Used Memory: 50% User Name: CShaw Interval - Start Time: 9/1/2015 5:30:00 PM Stop Time: 9/24/2015 8:30:00 PM
10/1/2015 3:08:53 PM Log Download - Used Battery: 3% Used Memory: 50% User Name: KMakar Interval - Start Time: 9/15/2015 7:30:00 AM Stop Time: 10/1/2015 3:05:00 PM
10/8/2015 5:31:09 PM Log Download - Used Battery: 3% Used Memory: 50% User Name: CShaw Interval - Start Time: 10/1/2015 3:05:00 PM Stop Time: 10/8/2015 5:30:00 PM
10/15/2015 2:08:51 PM Log Download - Used Battery: 4% Used Memory: 56% User Name: KMakar Interval - Start Time: 9/30/2015 7:05:00 AM Stop Time: 10/15/2015 2:05:00 PM
10/22/2015 5:56:32 PM Log Download - Used Battery: 4% Used Memory: 56% User Name: CShaw Interval - Start Time: 10/1/2015 3:05:00 PM Stop Time: 10/22/2015 6:00:00 PM
10/27/2015 12:29:47 PM Log Download - Used Battery: 4% Used Memory: 56% User Name: nreynolds Interval - Start Time: 10/15/2015 12:00:00 AM Stop Time: 10/27/2015 12:25:00 PM
10/28/2015 10:39:27 AM Log Download - Used Battery: 4% Used Memory: 56% User Name: nreynolds Interval - Start Time: 10/27/2015 12:15:00 PM
10/29/2015 4:11:07 PM Log Download - Used Battery: 4% Used Memory: 56% User Name: KMakar Interval - Start Time: 10/13/2015 6:15:00 AM Stop Time: 10/29/2015 4:05:00 PM
11/5/2015 3:10:53 PM Log Download - Used Battery: 4% Used Memory: 56% User Name: KMakar Interval - Start Time: 10/20/2015 7:00:00 AM Stop Time: 11/5/2015 3:05:00 PM
11/12/2015 6:08:30 PM Log Download - Used Battery: 4% Used Memory: 56% User Name: KMakar Interval - Start Time: 10/20/2015 7:00:00 AM Stop Time: 11/12/2015 7:00:00 PM
11/19/2015 4:07:00 PM Log Download - Used Battery: 4% Used Memory: 56% User Name: KMakar Interval - Start Time: 11/1/2015 7:00:00 AM Stop Time: 11/19/2015 4:00:00 PM
11/29/2015 2:30:47 PM Log Download - Used Battery: 4% Used Memory: 62% User Name: CShaw Interval - Start Time: 11/12/2015 1:00:00 AM Stop Time: 11/29/2015 2:30:00 PM
12/3/2015 11:51:46 AM Log Download - Used Battery: 4% Used Memory: 62% User Name: KMakar Interval - Start Time: 11/18/2015 7:00:00 AM Stop Time: 12/3/2015 11:45:00 AM
12/10/2015 5:48:20 PM Log Download - Used Battery: 4% Used Memory: 62% User Name: CShaw Interval - Start Time: 10/13/2015 1:00:00 AM Stop Time: 12/10/2015 5:45:00 PM
12/17/2015 1:31:21 PM Log Download - Used Battery: 5% Used Memory: 62% User Name: KMakar Interval - Start Time: 12/1/2015 12:00:00 PM Stop Time: 12/17/2015 1:30:00 PM
1/3/2016 2:59:26 PM Log Download - Used Battery: 5% Used Memory: 62% User Name: CShaw Interval - Start Time: 11/30/2015 1:00:00 AM Stop Time: 1/3/2016 3:45:00 PM
1/7/2016 11:16:25 AM Log Download - Used Battery: 5% Used Memory: 68% User Name: KMakar Interval - Start Time: 12/31/2015 10:00:00 AM Stop Time: 1/7/2016 11:10:00 AM
1/15/2016 10:13:03 AM Log Download - Used Battery: 5% Used Memory: 68% User Name: KMakar Interval - Start Time: 1/4/2016 6:00:00 AM Stop Time: 1/15/2016 10:15:00 AM
1/21/2016 1:09:11 PM Log Download - Used Battery: 5% Used Memory: 68% User Name: KMakar Interval - Start Time: 1/12/2016 11:00:00 AM Stop Time: 1/21/2016 1:05:00 PM
1/28/2016 2:50:08 PM Log Download - Used Battery: 5% Used Memory: 68% User Name: KMakar Interval - Start Time: 1/18/2016 11:45:00 AM Stop Time: 1/28/2016 2:45:00 PM
2/4/2016 4:52:46 PM Log Download - Used Battery: 5% Used Memory: 68% User Name: CShaw Interval - Start Time: 10/31/2015 12:59:00 PM Stop Time: 2/4/2016 5:30:00 PM
2/11/2016 12:15:31 PM Log Download - Used Battery: 5% Used Memory: 68% User Name: CShaw Interval - Start Time: 2/2/2016 2:30:00 PM Stop Time: 2/11/2016 1:15:00 PM
2/17/2016 6:14:07 PM Log Download - Used Battery: 6% Used Memory: 68% User Name: CShaw Interval - Start Time: 2/17/2016 5:30:00 PM Stop Time: 2/17/2016 6:00:00 PM
2/18/2016 12:53:58 PM Log Download - Used Battery: 6% Used Memory: 68% User Name: CShaw Interval - Start Time: 2/4/2016 3:00:00 AM Stop Time: 2/18/2016 1:00:00 PM
2/25/2016 12:53:40 PM Log Download - Used Battery: 6% Used Memory: 75% User Name: KMakar Interval - Start Time: 2/15/2016 5:30:00 PM Stop Time: 2/25/2016 12:45:00 PM

Log Data:
Record Count: 886
Sensors: 1
1 - 399604: Baro-Pressure/Temp
Time Zone: Pacific Daylight Time

Date and Time	Elapsed Time Seconds	Sensor: Baro Pres SN#: 399604 Pressure (mmHg)	Sensor: Baro Pres SN#: 399604 Temperature (C)
4/14/2016 12:00:00 AM	124200.000	764.924	18.089
4/14/2016 12:15:00 AM	125100.000	765.102	17.984
4/14/2016 12:30:00 AM	126000.000	765.013	17.884
4/14/2016 12:45:00 AM	126900.000	764.937	17.803
4/14/2016 1:00:00 AM	127800.000	765.081	17.654
4/14/2016 1:15:00 AM	128700.000	765.546	17.597
4/14/2016 1:30:00 AM	129600.000	765.351	17.476
4/14/2016 1:45:00 AM	130500.000	765.165	17.395
4/14/2016 2:00:00 AM	131400.000	765.484	17.349
4/14/2016 2:15:00 AM	132300.000	764.987	17.222
4/14/2016 2:30:00 AM	133200.000	764.879	17.182
4/14/2016 2:45:00 AM	134100.000	764.713	17.099
4/14/2016 3:00:00 AM	135000.000	764.671	17.020
4/14/2016 3:15:00 AM	135900.000	764.589	16.952
4/14/2016 3:30:00 AM	136800.000	764.406	16.904
4/14/2016 3:45:00 AM	137700.000	764.427	16.806
4/14/2016 4:00:00 AM	138600.000	764.204	16.849
4/14/2016 4:15:00 AM	139500.000	764.051	16.860
4/14/2016 4:30:00 AM	140400.000	763.938	16.872
4/14/2016 4:45:00 AM	141300.000	763.663	16.814
4/14/2016 5:00:00 AM	142200.000	763.624	16.849
4/14/2016 5:15:00 AM	143100.000	763.575	16.790
4/14/2016 5:30:00 AM	144000.000	763.998	16.781
4/14/2016 5:45:00 AM	144900.000	763.497	16.705
4/14/2016 6:00:00 AM	145800.000	763.763	16.740
4/14/2016 6:15:00 AM	146700.000	763.839	16.710
4/14/2016 6:30:00 AM	147600.000	763.622	16.682
4/14/2016 6:45:00 AM	148500.000	764.547	16.607
4/14/2016 7:00:00 AM	149400.000	764.510	16.549
4/14/2016 7:15:00 AM	150300.000	764.329	16.471
4/14/2016 7:30:00 AM	151200.000	764.995	16.442
4/14/2016 7:45:00 AM	152100.000	764.750	16.402
4/14/2016 8:00:00 AM	153000.000	765.015	16.357
4/14/2016 8:15:00 AM	153900.000	765.553	16.312
4/14/2016 8:30:00 AM	154800.000	765.423	16.397
4/14/2016 8:45:00 AM	155700.000	765.761	16.376
4/14/2016 9:00:00 AM	156600.000	765.335	16.387
4/14/2016 9:15:00 AM	157500.000	765.470	16.459
4/14/2016 9:30:00 AM	158400.000	765.588	16.487
4/14/2016 9:45:00 AM	159300.000	765.583	16.550
4/14/2016 10:00:00 AM	160200.000	765.790	16.619
4/14/2016 10:15:00 AM	161100.000	765.559	16.757
4/14/2016 10:30:00 AM	162000.000	765.554	16.875

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4/14/2016 11:00:00 AM	163800.000	765.896	17.108
4/14/2016 11:15:00 AM	164700.000	765.914	17.228
4/14/2016 11:30:00 AM	165600.000	766.339	17.343
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4/14/2016 12:00:00 PM	167400.000	765.948	17.545
4/14/2016 12:15:00 PM	168300.000	765.721	17.662
4/14/2016 12:30:00 PM	169200.000	765.814	17.761
4/14/2016 12:45:00 PM	170100.000	765.586	17.850
4/14/2016 1:00:00 PM	171000.000	766.033	17.955
4/14/2016 1:15:00 PM	171900.000	765.682	18.081
4/14/2016 1:30:00 PM	172800.000	765.619	18.162
4/14/2016 1:45:00 PM	173700.000	765.330	18.293
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4/14/2016 2:15:00 PM	175500.000	764.954	18.490
4/14/2016 2:30:00 PM	176400.000	765.666	18.644
4/14/2016 2:45:00 PM	177300.000	765.065	18.766
4/14/2016 3:00:00 PM	178200.000	765.474	18.891
4/14/2016 3:15:00 PM	179100.000	765.096	19.032
4/14/2016 3:30:00 PM	180000.000	765.033	19.149
4/14/2016 3:45:00 PM	180900.000	765.022	19.286
4/14/2016 4:00:00 PM	181800.000	764.908	19.439
4/14/2016 4:15:00 PM	182700.000	764.813	19.584
4/14/2016 4:30:00 PM	183600.000	764.669	19.692
4/14/2016 4:45:00 PM	184500.000	764.520	19.808
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4/14/2016 5:15:00 PM	186300.000	764.423	20.105
4/14/2016 5:30:00 PM	187200.000	764.618	20.255
4/14/2016 5:45:00 PM	188100.000	764.601	20.368
4/14/2016 6:00:00 PM	189000.000	764.535	20.431
4/14/2016 6:15:00 PM	189900.000	764.682	20.514
4/14/2016 6:30:00 PM	190800.000	764.461	20.576
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4/14/2016 7:00:00 PM	192600.000	764.598	20.647
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4/14/2016 7:30:00 PM	194400.000	764.401	20.454
4/14/2016 7:45:00 PM	195300.000	764.606	20.231
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4/14/2016 8:30:00 PM	198000.000	764.774	19.323
4/14/2016 8:45:00 PM	198900.000	764.765	19.063
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4/14/2016 9:15:00 PM	200700.000	765.096	18.617
4/14/2016 9:30:00 PM	201600.000	765.213	18.451
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4/14/2016 10:00:00 PM	203400.000	765.896	18.158
4/14/2016 10:15:00 PM	204300.000	765.572	18.036
4/14/2016 10:30:00 PM	205200.000	765.624	17.910
4/14/2016 10:45:00 PM	206100.000	765.345	17.826
4/14/2016 11:00:00 PM	207000.000	765.469	17.735
4/14/2016 11:15:00 PM	207900.000	765.464	17.660
4/14/2016 11:30:00 PM	208800.000	765.034	17.548
4/14/2016 11:45:00 PM	209700.000	765.231	17.482
4/15/2016 12:00:00 AM	210600.000	765.320	17.399

4/15/2016 12:15:00 AM	211500.000	765.134	17.323
4/15/2016 12:30:00 AM	212400.000	764.901	17.219
4/15/2016 12:45:00 AM	213300.000	765.336	17.146
4/15/2016 1:00:00 AM	214200.000	765.288	17.098
4/15/2016 1:15:00 AM	215100.000	765.614	17.044
4/15/2016 1:30:00 AM	216000.000	765.474	16.963
4/15/2016 1:45:00 AM	216900.000	765.349	16.928
4/15/2016 2:00:00 AM	217800.000	765.096	16.842
4/15/2016 2:15:00 AM	218700.000	764.982	16.801
4/15/2016 2:30:00 AM	219600.000	764.824	16.736
4/15/2016 2:45:00 AM	220500.000	764.663	16.703
4/15/2016 3:00:00 AM	221400.000	764.655	16.618
4/15/2016 3:15:00 AM	222300.000	764.813	16.587
4/15/2016 3:30:00 AM	223200.000	764.587	16.550
4/15/2016 3:45:00 AM	224100.000	764.279	16.515
4/15/2016 4:00:00 AM	225000.000	764.512	16.477
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4/15/2016 4:30:00 AM	226800.000	764.833	16.354
4/15/2016 4:45:00 AM	227700.000	764.519	16.320
4/15/2016 5:00:00 AM	228600.000	764.607	16.239
4/15/2016 5:15:00 AM	229500.000	764.711	16.136
4/15/2016 5:30:00 AM	230400.000	764.693	16.001
4/15/2016 5:45:00 AM	231300.000	764.759	15.905
4/15/2016 6:00:00 AM	232200.000	764.818	15.759
4/15/2016 6:15:00 AM	233100.000	764.870	15.625
4/15/2016 6:30:00 AM	234000.000	764.662	15.522
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4/15/2016 7:00:00 AM	235800.000	764.928	15.273
4/15/2016 7:15:00 AM	236700.000	765.096	15.235
4/15/2016 7:30:00 AM	237600.000	765.240	15.102
4/15/2016 7:45:00 AM	238500.000	765.369	15.115
4/15/2016 8:00:00 AM	239400.000	765.445	15.213
4/15/2016 8:15:00 AM	240300.000	765.376	15.367
4/15/2016 8:30:00 AM	241200.000	765.296	15.589
4/15/2016 8:45:00 AM	242100.000	765.222	15.801
4/15/2016 9:00:00 AM	243000.000	764.972	16.035
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4/15/2016 9:30:00 AM	244800.000	765.063	16.410
4/15/2016 9:45:00 AM	245700.000	765.118	16.572
4/15/2016 10:00:00 AM	246600.000	765.095	16.719
4/15/2016 10:15:00 AM	247500.000	765.381	16.843
4/15/2016 10:30:00 AM	248400.000	765.341	16.979
4/15/2016 10:45:00 AM	249300.000	765.183	17.106
4/15/2016 11:00:00 AM	250200.000	765.729	17.204
4/15/2016 11:15:00 AM	251100.000	765.342	17.279
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4/15/2016 11:45:00 AM	252900.000	765.175	17.481
4/15/2016 12:00:00 PM	253800.000	764.968	17.599
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4/15/2016 12:45:00 PM	256500.000	764.925	17.911
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4/15/2016 1:15:00 PM	258300.000	764.619	18.087
4/15/2016 1:30:00 PM	259200.000	764.549	18.212

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4/15/2016 2:00:00 PM	261000.000	764.604	18.468
4/15/2016 2:15:00 PM	261900.000	764.264	18.613
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4/15/2016 2:45:00 PM	263700.000	764.166	18.884
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4/15/2016 3:15:00 PM	265500.000	764.410	19.151
4/15/2016 3:30:00 PM	266400.000	764.062	19.305
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4/15/2016 4:30:00 PM	270000.000	763.252	19.836
4/15/2016 4:45:00 PM	270900.000	763.127	19.977
4/15/2016 5:00:00 PM	271800.000	763.164	20.091
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4/15/2016 5:30:00 PM	273600.000	763.208	20.328
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4/15/2016 7:30:00 PM	280800.000	762.782	20.877
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4/15/2016 8:00:00 PM	282600.000	763.488	20.648
4/15/2016 8:15:00 PM	283500.000	763.595	20.461
4/15/2016 8:30:00 PM	284400.000	763.944	20.185
4/15/2016 8:45:00 PM	285300.000	763.800	19.821
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4/15/2016 10:00:00 PM	289800.000	764.614	18.647
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4/15/2016 10:30:00 PM	291600.000	764.262	18.263
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4/16/2016 12:00:00 AM	297000.000	764.117	17.672
4/16/2016 12:15:00 AM	297900.000	764.176	17.569
4/16/2016 12:30:00 AM	298800.000	764.261	17.444
4/16/2016 12:45:00 AM	299700.000	764.063	17.306
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4/16/2016 1:15:00 AM	301500.000	764.443	17.066
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4/16/2016 1:45:00 AM	303300.000	764.375	16.777
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4/16/2016 2:15:00 AM	305100.000	763.967	16.517
4/16/2016 2:30:00 AM	306000.000	764.106	16.387
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4/16/2016 3:00:00 AM	307800.000	763.516	16.204

4/16/2016 3:15:00 AM	308700.000	763.573	16.137
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4/16/2016 4:00:00 AM	311400.000	763.038	15.807
4/16/2016 4:15:00 AM	312300.000	763.320	15.723
4/16/2016 4:30:00 AM	313200.000	763.421	15.724
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4/16/2016 5:15:00 AM	315900.000	763.540	15.463
4/16/2016 5:30:00 AM	316800.000	763.521	15.447
4/16/2016 5:45:00 AM	317700.000	763.697	15.413
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4/16/2016 6:15:00 AM	319500.000	763.779	15.331
4/16/2016 6:30:00 AM	320400.000	763.705	15.252
4/16/2016 6:45:00 AM	321300.000	763.446	15.224
4/16/2016 7:00:00 AM	322200.000	763.612	15.153
4/16/2016 7:15:00 AM	323100.000	763.739	15.148
4/16/2016 7:30:00 AM	324000.000	764.270	15.109
4/16/2016 7:45:00 AM	324900.000	763.936	15.143
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4/16/2016 8:15:00 AM	326700.000	764.165	15.386
4/16/2016 8:30:00 AM	327600.000	764.182	15.605
4/16/2016 8:45:00 AM	328500.000	764.414	15.809
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4/16/2016 9:45:00 AM	332100.000	763.940	16.611
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4/16/2016 10:30:00 AM	334800.000	764.096	17.071
4/16/2016 10:45:00 AM	335700.000	764.136	17.175
4/16/2016 11:00:00 AM	336600.000	764.153	17.286
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4/16/2016 6:15:00 PM	362700.000	763.043	21.482
4/16/2016 6:30:00 PM	363600.000	762.896	21.590
4/16/2016 6:45:00 PM	364500.000	763.143	21.690
4/16/2016 7:00:00 PM	365400.000	763.031	21.765
4/16/2016 7:15:00 PM	366300.000	763.337	21.862
4/16/2016 7:30:00 PM	367200.000	763.052	21.880
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4/16/2016 10:30:00 PM	378000.000	763.480	19.439
4/16/2016 10:45:00 PM	378900.000	763.243	19.212
4/16/2016 11:00:00 PM	379800.000	763.252	19.021
4/16/2016 11:15:00 PM	380700.000	763.393	18.827
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4/17/2016 12:15:00 AM	384300.000	763.439	18.216
4/17/2016 12:30:00 AM	385200.000	763.055	18.112
4/17/2016 12:45:00 AM	386100.000	762.853	18.006
4/17/2016 1:00:00 AM	387000.000	763.179	17.908
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4/17/2016 2:45:00 AM	393300.000	762.693	17.325
4/17/2016 3:00:00 AM	394200.000	762.608	17.283
4/17/2016 3:15:00 AM	395100.000	762.704	17.198
4/17/2016 3:30:00 AM	396000.000	762.517	17.121
4/17/2016 3:45:00 AM	396900.000	762.526	17.082
4/17/2016 4:00:00 AM	397800.000	762.085	17.061
4/17/2016 4:15:00 AM	398700.000	762.218	17.018
4/17/2016 4:30:00 AM	399600.000	762.360	17.002
4/17/2016 4:45:00 AM	400500.000	762.138	16.978
4/17/2016 5:00:00 AM	401400.000	762.275	16.908
4/17/2016 5:15:00 AM	402300.000	762.198	16.876
4/17/2016 5:30:00 AM	403200.000	762.179	16.864
4/17/2016 5:45:00 AM	404100.000	761.955	16.788
4/17/2016 6:00:00 AM	405000.000	761.718	16.770

4/17/2016 6:15:00 AM	405900.000	761.893	16.729
4/17/2016 6:30:00 AM	406800.000	761.927	16.679
4/17/2016 6:45:00 AM	407700.000	762.171	16.618
4/17/2016 7:00:00 AM	408600.000	761.921	16.574
4/17/2016 7:15:00 AM	409500.000	761.983	16.517
4/17/2016 7:30:00 AM	410400.000	761.976	16.536
4/17/2016 7:45:00 AM	411300.000	762.280	16.583
4/17/2016 8:00:00 AM	412200.000	761.772	16.706
4/17/2016 8:15:00 AM	413100.000	762.009	16.794
4/17/2016 8:30:00 AM	414000.000	762.153	16.915
4/17/2016 8:45:00 AM	414900.000	762.198	17.093
4/17/2016 9:00:00 AM	415800.000	762.162	17.246
4/17/2016 9:15:00 AM	416700.000	761.871	17.400
4/17/2016 9:30:00 AM	417600.000	761.624	17.566
4/17/2016 9:45:00 AM	418500.000	761.817	17.721
4/17/2016 10:00:00 AM	419400.000	761.630	17.859
4/17/2016 10:15:00 AM	420300.000	761.863	17.980
4/17/2016 10:30:00 AM	421200.000	762.007	18.109
4/17/2016 10:45:00 AM	422100.000	761.444	18.273
4/17/2016 11:00:00 AM	423000.000	761.688	18.376
4/17/2016 11:15:00 AM	423900.000	762.057	18.488
4/17/2016 11:30:00 AM	424800.000	762.008	18.609
4/17/2016 11:45:00 AM	425700.000	761.937	18.750
4/17/2016 12:00:00 PM	426600.000	762.008	18.874
4/17/2016 12:15:00 PM	427500.000	762.114	19.004
4/17/2016 12:30:00 PM	428400.000	762.048	19.173
4/17/2016 12:45:00 PM	429300.000	761.998	19.328
4/17/2016 1:00:00 PM	430200.000	761.802	19.498
4/17/2016 1:15:00 PM	431100.000	761.593	19.673
4/17/2016 1:30:00 PM	432000.000	761.575	19.857
4/17/2016 1:45:00 PM	432900.000	761.802	20.033
4/17/2016 2:00:00 PM	433800.000	762.058	20.227
4/17/2016 2:15:00 PM	434700.000	762.047	20.412
4/17/2016 2:30:00 PM	435600.000	762.033	20.579
4/17/2016 2:45:00 PM	436500.000	762.184	20.778
4/17/2016 3:00:00 PM	437400.000	762.176	20.952
4/17/2016 3:15:00 PM	438300.000	762.269	21.114
4/17/2016 3:30:00 PM	439200.000	761.869	21.333
4/17/2016 3:45:00 PM	440100.000	761.871	21.486
4/17/2016 4:00:00 PM	441000.000	762.118	21.673
4/17/2016 4:15:00 PM	441900.000	761.980	21.836
4/17/2016 4:30:00 PM	442800.000	761.921	21.989
4/17/2016 4:45:00 PM	443700.000	761.681	22.145
4/17/2016 5:00:00 PM	444600.000	761.750	22.292
4/17/2016 5:15:00 PM	445500.000	761.906	22.409
4/17/2016 5:30:00 PM	446400.000	761.854	22.543
4/17/2016 5:45:00 PM	447300.000	761.924	22.661
4/17/2016 6:00:00 PM	448200.000	761.855	22.754
4/17/2016 6:15:00 PM	449100.000	761.873	22.836
4/17/2016 6:30:00 PM	450000.000	761.950	22.905
4/17/2016 6:45:00 PM	450900.000	762.113	22.975
4/17/2016 7:00:00 PM	451800.000	761.563	23.054
4/17/2016 7:15:00 PM	452700.000	761.793	23.116
4/17/2016 7:30:00 PM	453600.000	761.969	23.135

4/17/2016 7:45:00 PM	454500.000	761.968	23.131
4/17/2016 8:00:00 PM	455400.000	762.220	23.094
4/17/2016 8:15:00 PM	456300.000	762.124	22.973
4/17/2016 8:30:00 PM	457200.000	762.157	22.800
4/17/2016 8:45:00 PM	458100.000	762.255	22.559
4/17/2016 9:00:00 PM	459000.000	762.495	22.264
4/17/2016 9:15:00 PM	459900.000	762.482	21.919
4/17/2016 9:30:00 PM	460800.000	762.436	21.591
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4/17/2016 10:15:00 PM	463500.000	762.492	20.639
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4/17/2016 10:45:00 PM	465300.000	762.507	20.157
4/17/2016 11:00:00 PM	466200.000	762.437	19.937
4/17/2016 11:15:00 PM	467100.000	762.321	19.748
4/17/2016 11:30:00 PM	468000.000	762.182	19.586
4/17/2016 11:45:00 PM	468900.000	762.566	19.407
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4/18/2016 1:30:00 AM	475200.000	762.337	18.565
4/18/2016 1:45:00 AM	476100.000	762.522	18.500
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4/18/2016 4:15:00 AM	485100.000	762.308	17.689
4/18/2016 4:30:00 AM	486000.000	762.005	17.628
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4/18/2016 10:15:00 AM	506700.000	763.217	18.433
4/18/2016 10:30:00 AM	507600.000	762.998	18.580
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4/18/2016 11:45:00 PM	555300.000	762.769	19.854
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4/20/2016 4:15:00 PM	701100.000	760.672	21.344
4/20/2016 4:30:00 PM	702000.000	760.445	21.486
4/20/2016 4:45:00 PM	702900.000	760.507	21.633
4/20/2016 5:00:00 PM	703800.000	760.378	21.776
4/20/2016 5:15:00 PM	704700.000	760.517	21.925
4/20/2016 5:30:00 PM	705600.000	759.986	22.056
4/20/2016 5:45:00 PM	706500.000	760.176	22.178
4/20/2016 6:00:00 PM	707400.000	760.418	22.294
4/20/2016 6:15:00 PM	708300.000	760.349	22.410
4/20/2016 6:30:00 PM	709200.000	760.296	22.507
4/20/2016 6:45:00 PM	710100.000	760.254	22.580
4/20/2016 7:00:00 PM	711000.000	760.283	22.678
4/20/2016 7:15:00 PM	711900.000	760.510	22.729
4/20/2016 7:30:00 PM	712800.000	760.144	22.742
4/20/2016 7:45:00 PM	713700.000	760.467	22.782
4/20/2016 8:00:00 PM	714600.000	760.066	22.774
4/20/2016 8:15:00 PM	715500.000	760.175	22.741
4/20/2016 8:30:00 PM	716400.000	760.220	22.694
4/20/2016 8:45:00 PM	717300.000	760.354	22.617
4/20/2016 9:00:00 PM	718200.000	760.908	22.515
4/20/2016 9:15:00 PM	719100.000	760.641	22.433
4/20/2016 9:30:00 PM	720000.000	760.759	22.260
4/20/2016 9:45:00 PM	720900.000	760.630	22.121
4/20/2016 10:00:00 PM	721800.000	760.652	21.979
4/20/2016 10:15:00 PM	722700.000	760.986	21.839
4/20/2016 10:30:00 PM	723600.000	760.879	21.712
4/20/2016 10:45:00 PM	724500.000	760.760	21.582
4/20/2016 11:00:00 PM	725400.000	760.731	21.503
4/20/2016 11:15:00 PM	726300.000	760.707	21.408
4/20/2016 11:30:00 PM	727200.000	760.609	21.310
4/20/2016 11:45:00 PM	728100.000	760.381	21.224

GEOSCIENCE

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