MONTEREY PENINSULA WATER SUPPLY PROJECT

Test Slant Well Long Term Pumping Monitoring Report No. 39

20-January-16 - 27-January-16

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

February 2, 2016

PREPARED FOR:
California American Water

CALIFORNIA AMERICAN WATER

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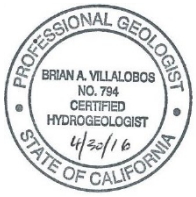

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CONTENTS

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 4

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 20-January-16 through 27-January-16

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

www.watersupplyproject.org

MONTEREY PENINSULA
WATER SUPPLY PROJECT

TEST SLANT WELL LONG TERM PUMPING MONITORING REPORT NO. 39
20-JANUARY-16 - 27-JANUARY-16

1.0 GENERAL

1.1 Purpose and Scope

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

1.2 Monitoring Well Construction

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

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

1.3 Baseline Water Level and Water Quality Weekly Monitoring Reports

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

1.4 Test Slant Well Baseline Water Level and Quality Data

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

1.5 Test Slant Well Long Term Pumping Test Monitoring Reports

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

On June 5, 2015, the Test Slant Well was voluntarily shut off so that the HWG could evaluate regional trends in water levels and salinity. During the shut off period, CCC allowed for weekly maintenance pumping of 6-Hours per week to maintain the TSW in an operational condition. Long term pumping of the Test Slant Well resumed on October 27, 2015 under Coastal Development Permit Amendment No. A-3-MRA-14-0050-A1 dated 13-Oct-15 (Appendix A-2). This report summarizes monitoring performed for the period 20-January-16 through 27-January-16 and is presented with data collected since the start of the long term pumping test. Each subsequent weekly report will provide an additional seven days of data.

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 on January 22, 2016 at 11:53 pm do to a PG&E power interruption and was turned on 35 hours later on January 24, 2016 at 11:01 am.

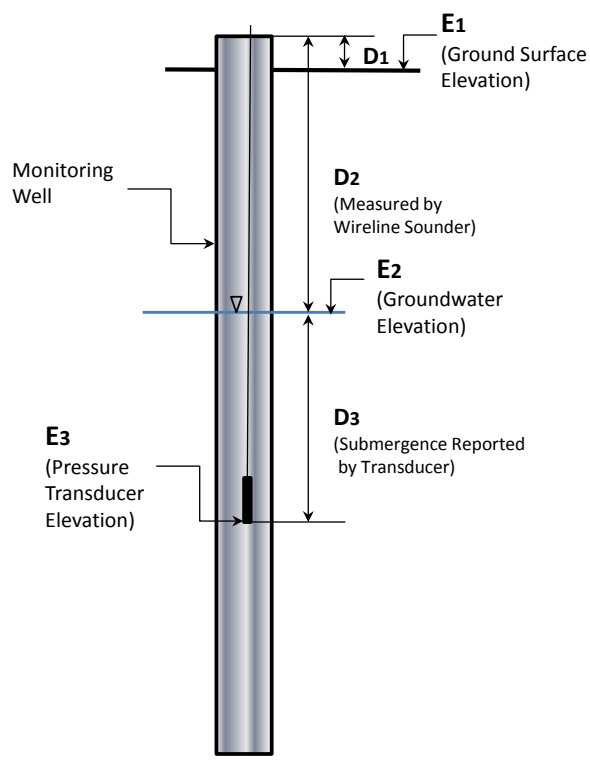
1.6 Test Slant Well Water Quality

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

1.7 Format of Report

All downloaded pressure transducer data as well as specific conductivity (EC) during the monitoring period are included in Appendix B. Appendix B data is cumulative and only the appended data will be printed in each weekly monitoring report. Figures 2-1 to 2-8 show graphical plots of groundwater elevations for the eight monitoring well clusters (MW-1, MW-3, MW-4, MW-5, MW-6, MW-7, MW-8, and MW-9). Figure 2-9 shows groundwater elevations for existing wells MRWPCA Well 1. Similarly, Figures 3-1 through 3-8 show corresponding graphical plots of the specific conductivity for the above-mentioned wells. Figure 2-10 and 3-10 are water levels and specific conductivity for the CEMEX dredge pond respectively. Figure 2-11 and 3-11 are plots of water level elevation and specific conductivity for the CEMEX North Well and Figures 2-12 and 3-12 are water levels and specific conductivity, respectively, for the Test Slant Well.

In compliance with CDP #A-3-MRA-14-0050, the Test Slant Well Long Term Pumping Monitoring Report No. 39 (this report), is the thirty-ninth 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]).



[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).

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:

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

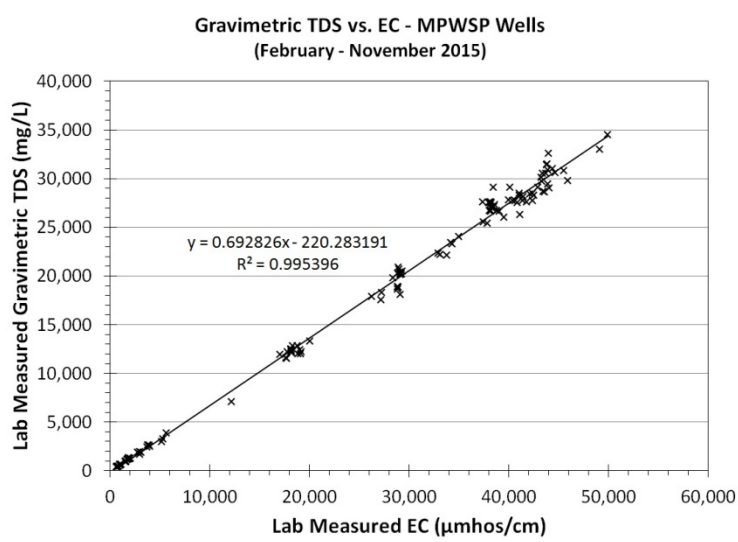
Once the transducer elevation has been established, ground water elevations in ft NAVD88 are calculated from transducer submergence readings (*D3*) (psi converted to ft) and depth to water measurements (*D2*) as follows:

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

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).

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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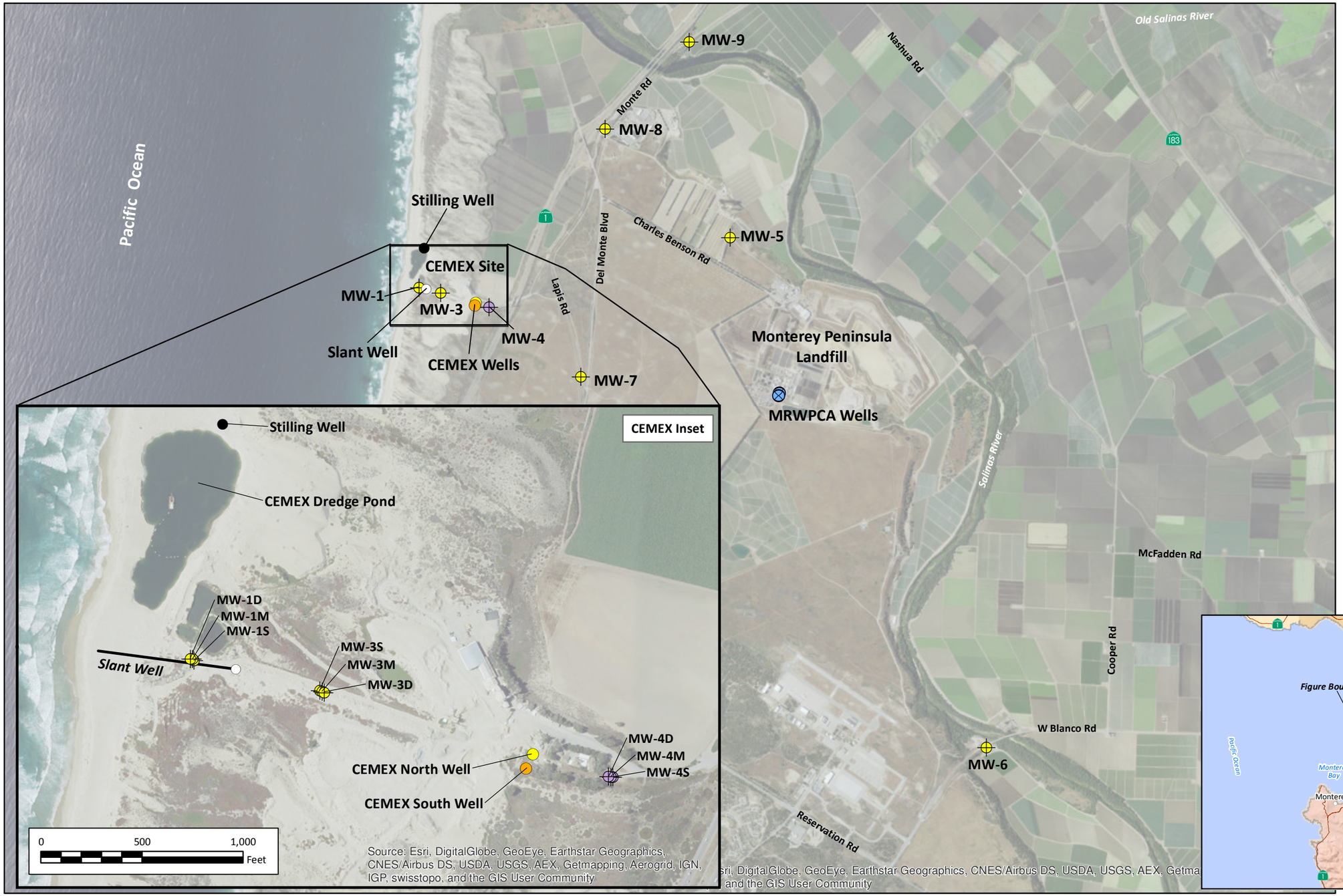
MONTEREY PENINSULA WATER SUPPLY PROJECT

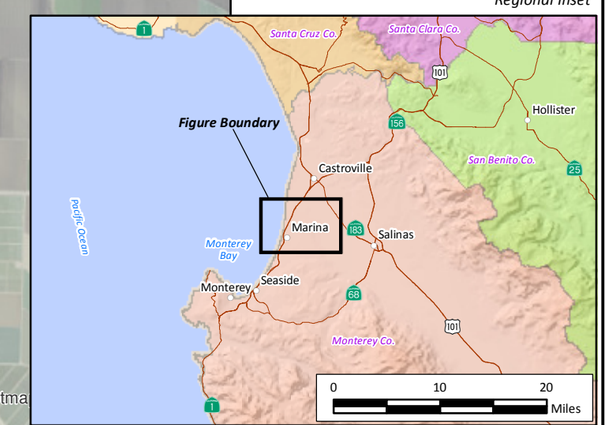
MPWSP GROUNDWATER MONITORING NETWORK



EXPLANATION

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

Regional Inset



2-Feb-16

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

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NORTH

0 1,500 3,000 6,000 Feet

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Figure 1-1

GIS_proj/mcwsp_cal_am/rbf_wl_monitoring/Long-Term_Monitoring_Rpt_No40_2-2-16/1_Fig_1-1_MonWells_used_2-2-16.mxd

Groundwater Elevation in MPWSP MW-1

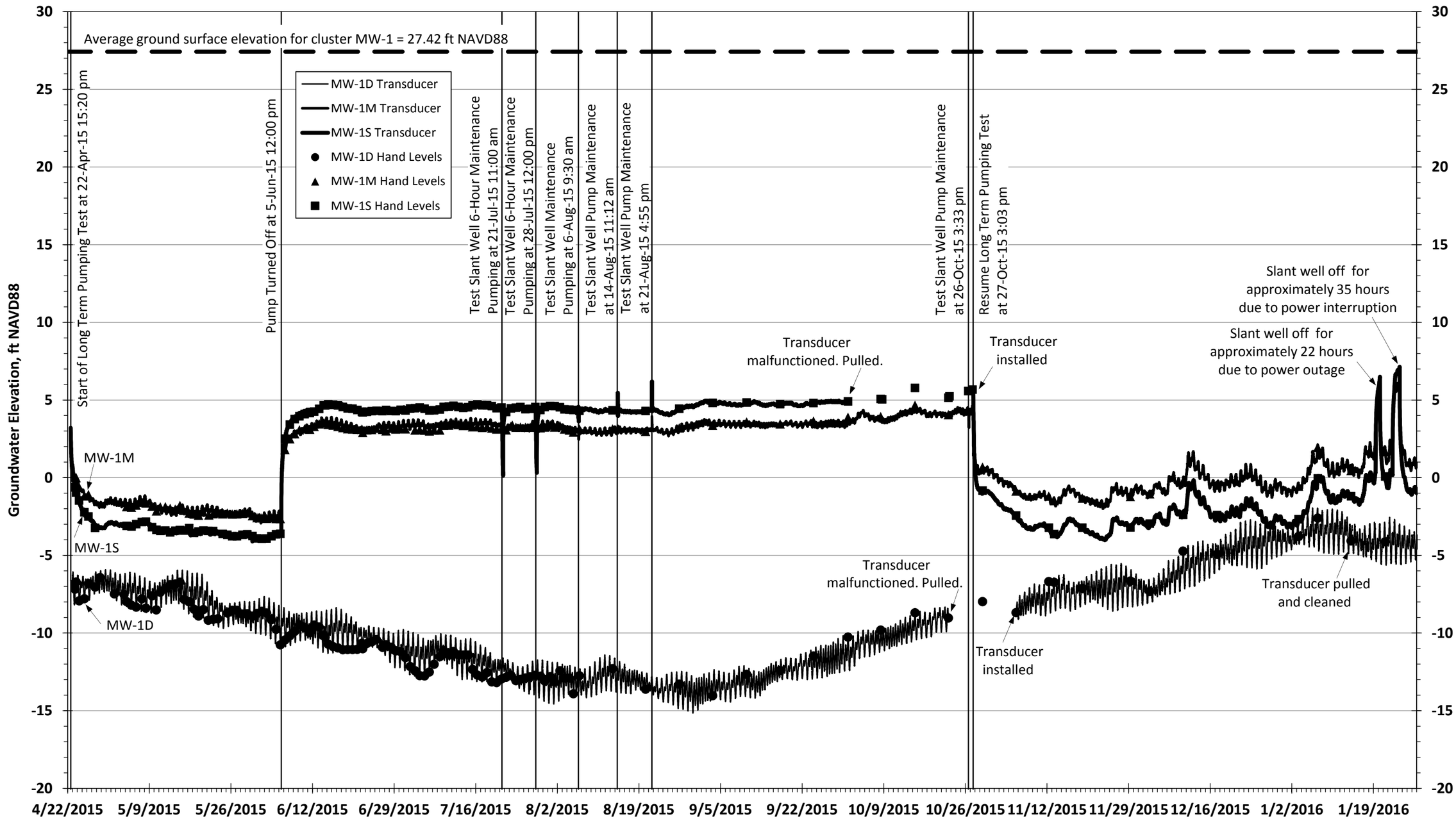

Figure 2-1

Groundwater Elevation in MPWSP MW-3

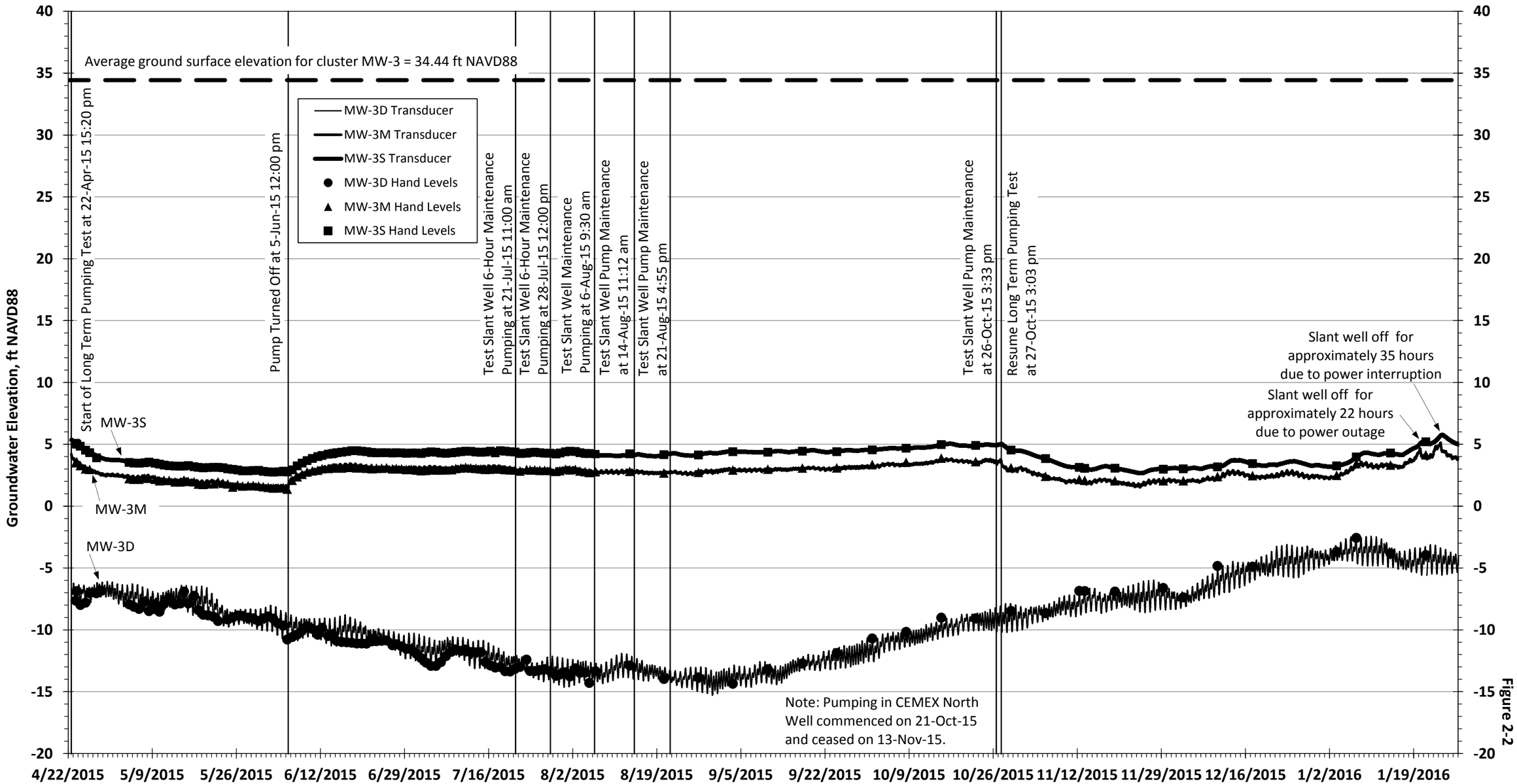

Figure 2-2

Groundwater Elevation in MPWSP MW-4

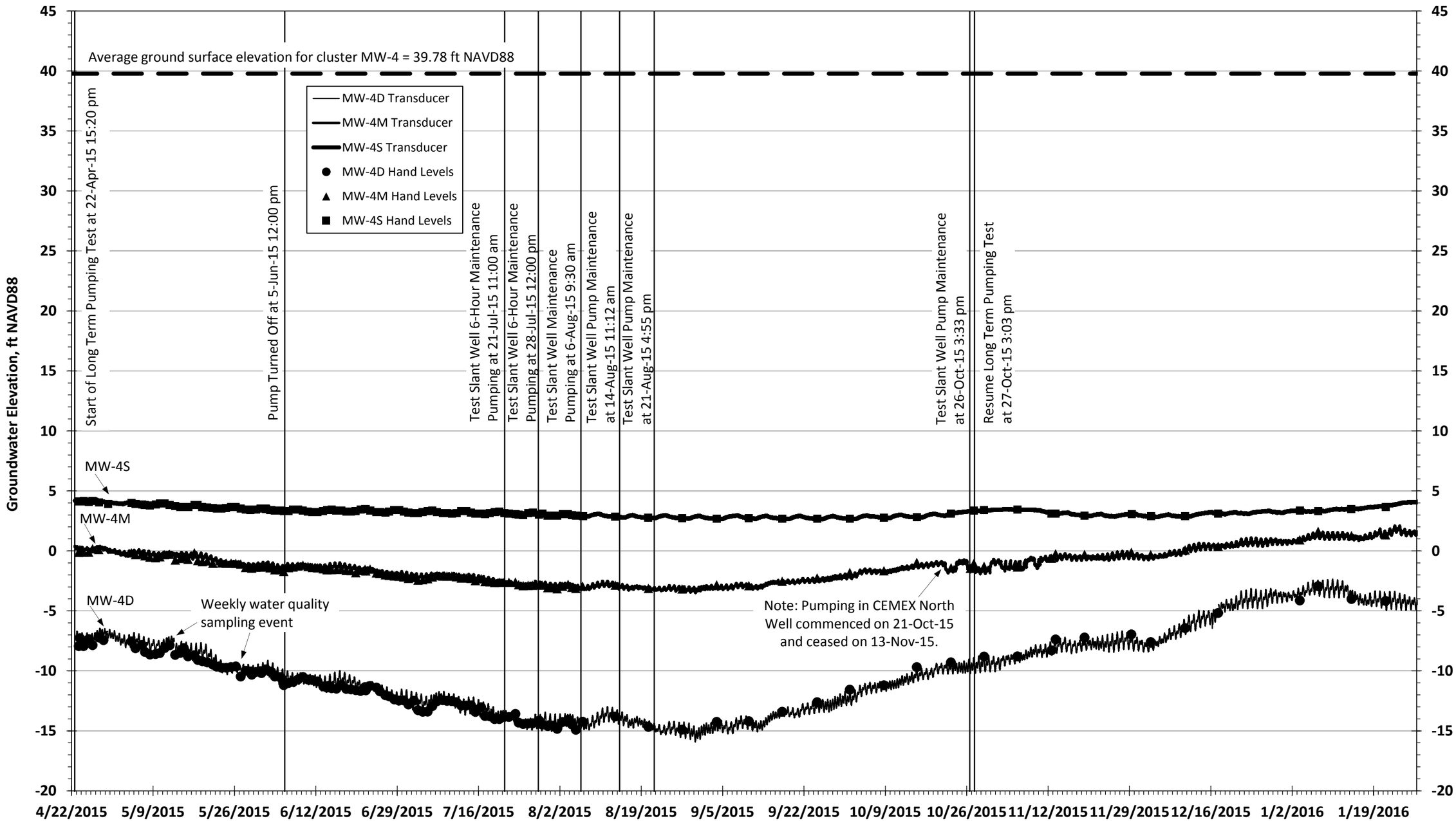

Figure 2-3

Groundwater Elevation in MPWSP MW-5

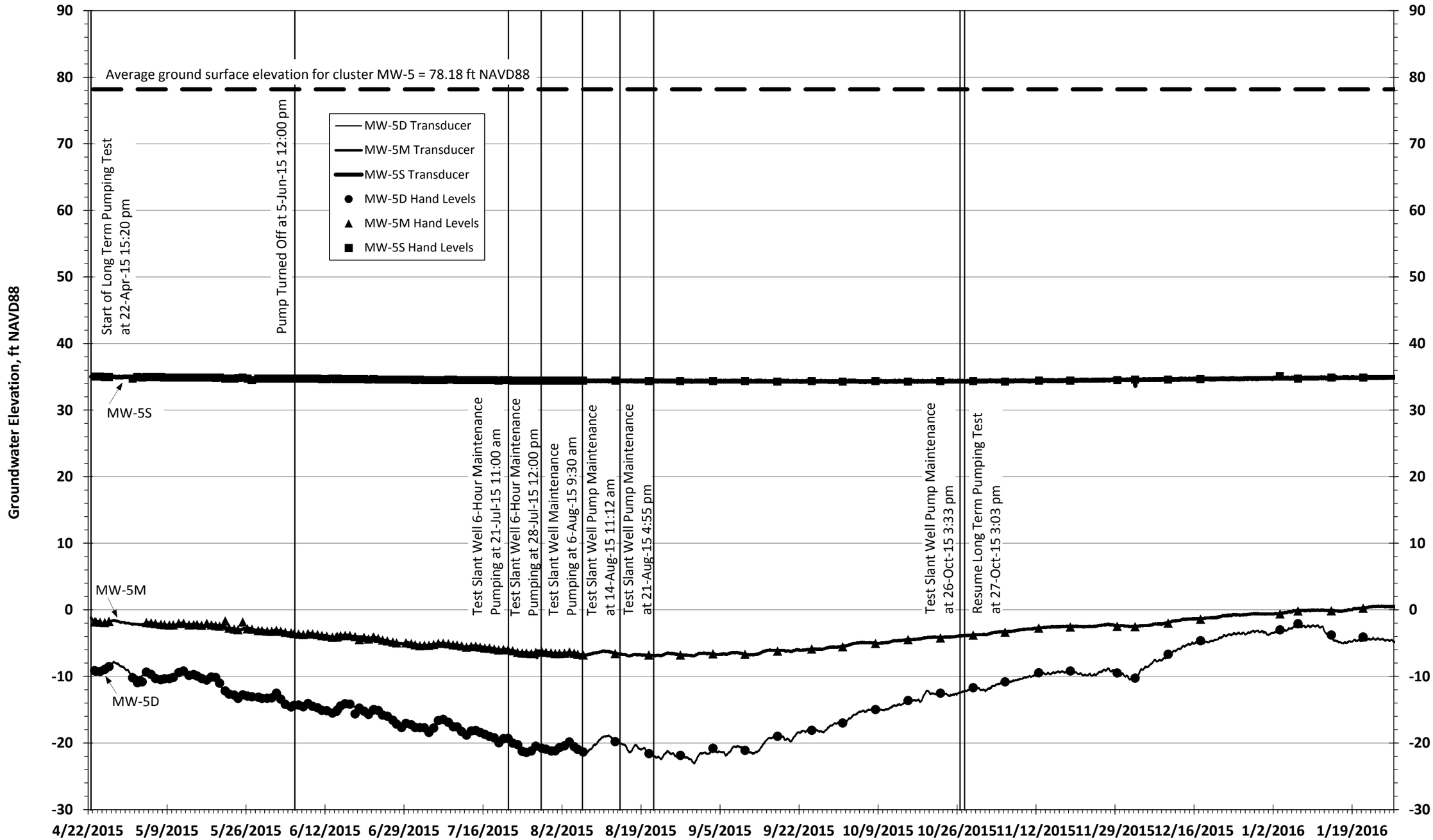

Figure 2-4

Groundwater Elevation in MPWSP MW-6

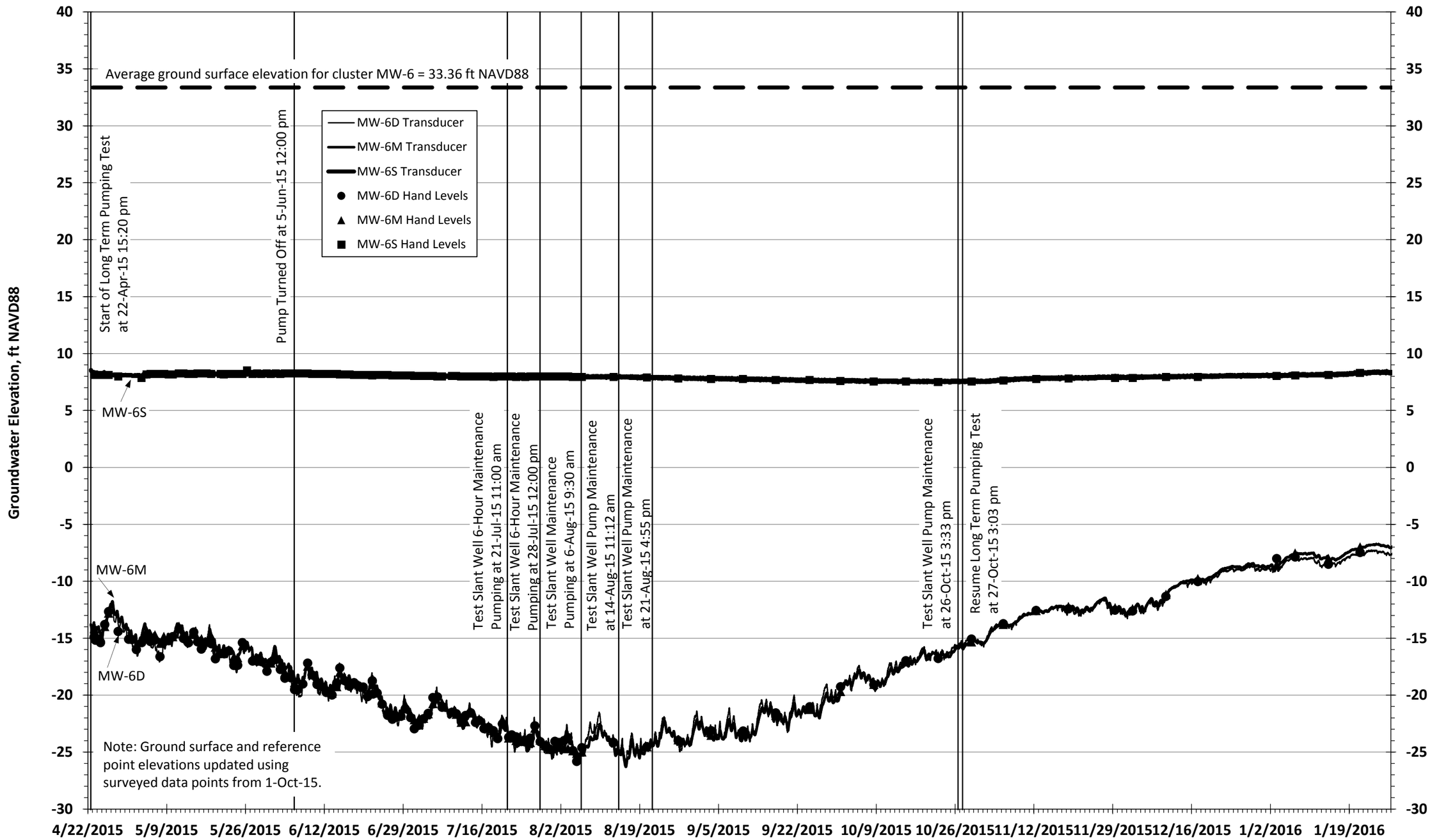

Figure 2-5

Groundwater Elevation in MPWSP MW-7

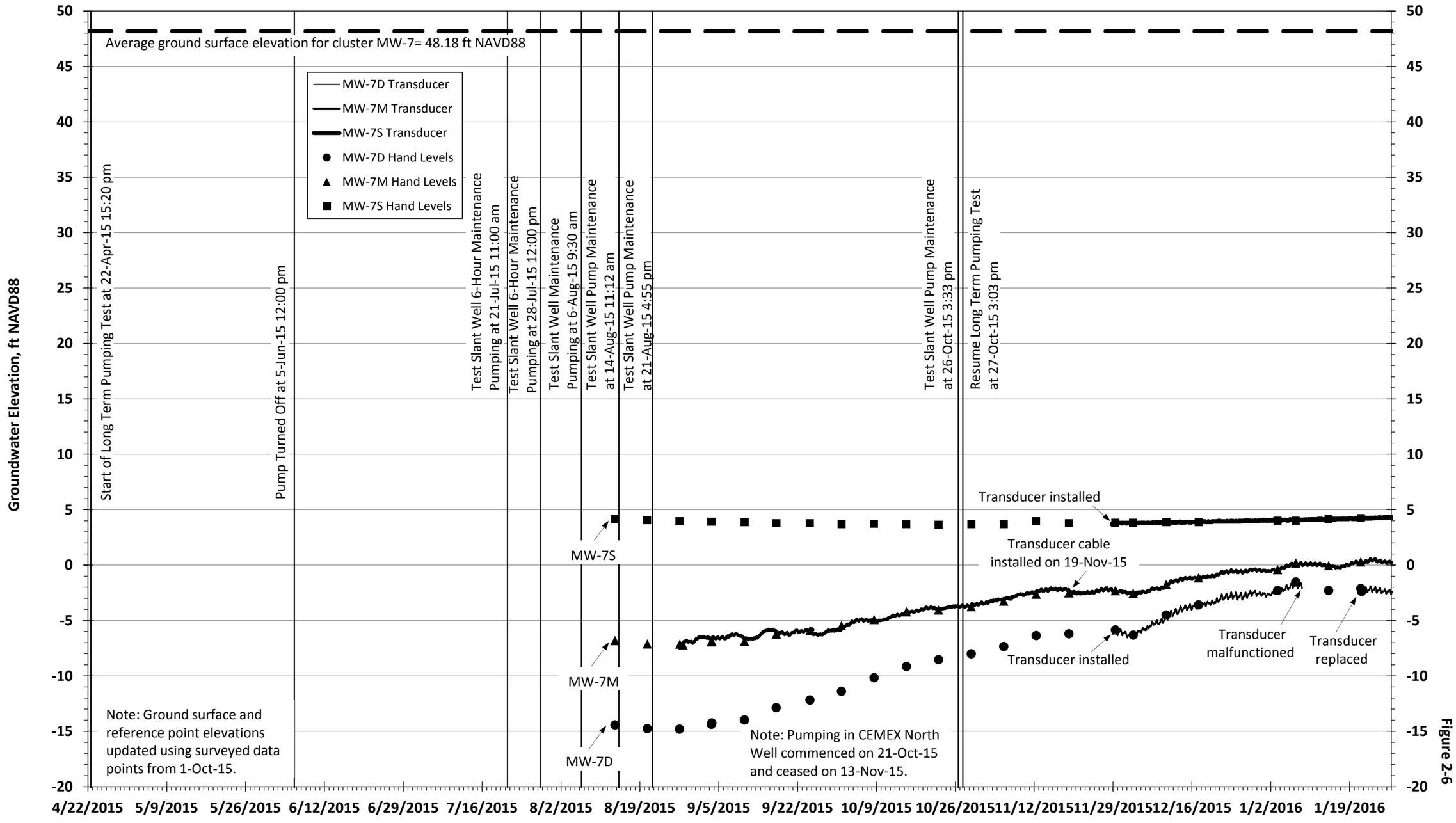

Figure 2-6

Groundwater Elevation in MPWSP MW-8

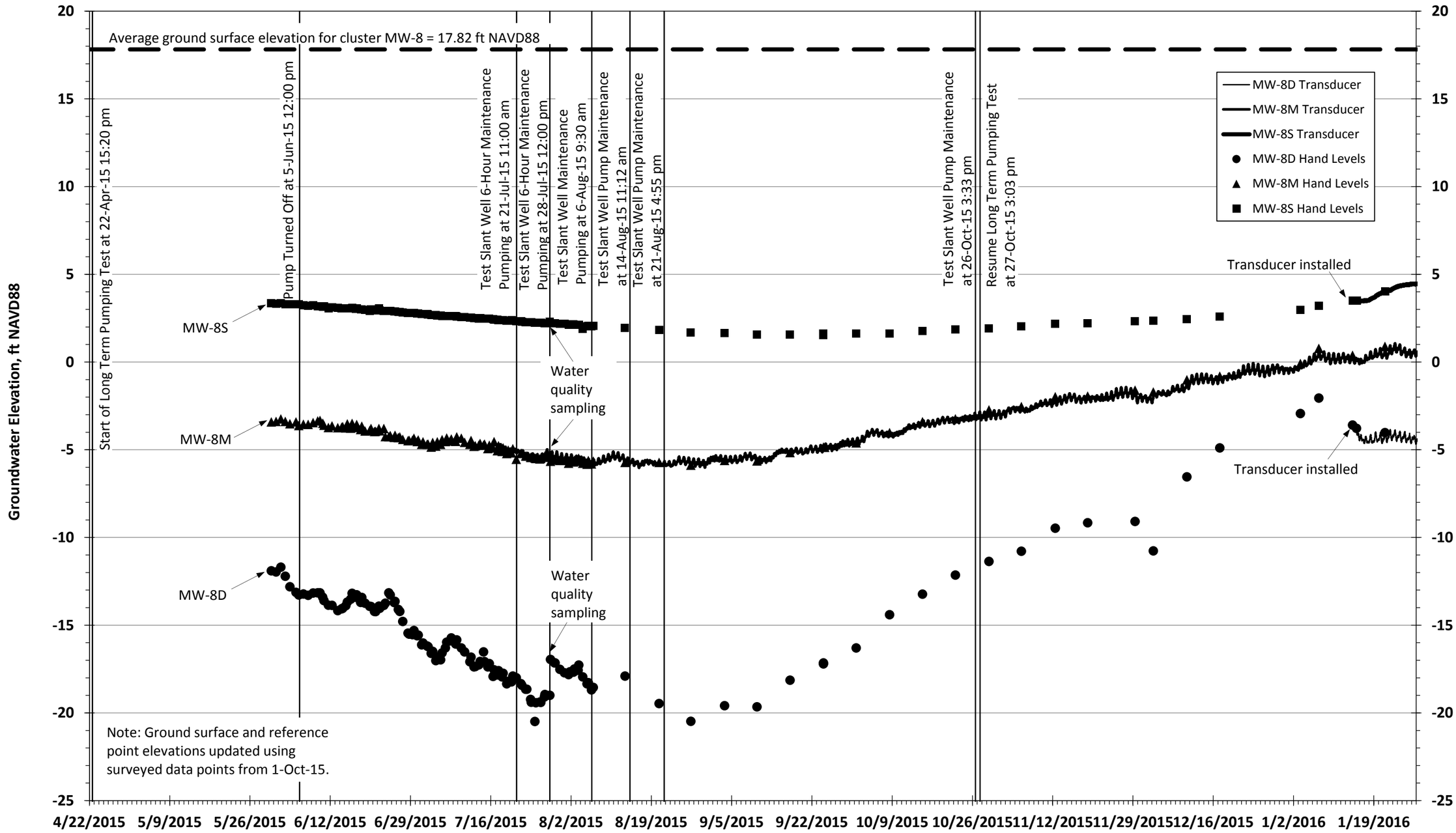

Figure 2-7

Groundwater Elevation in MPWSP MW-9

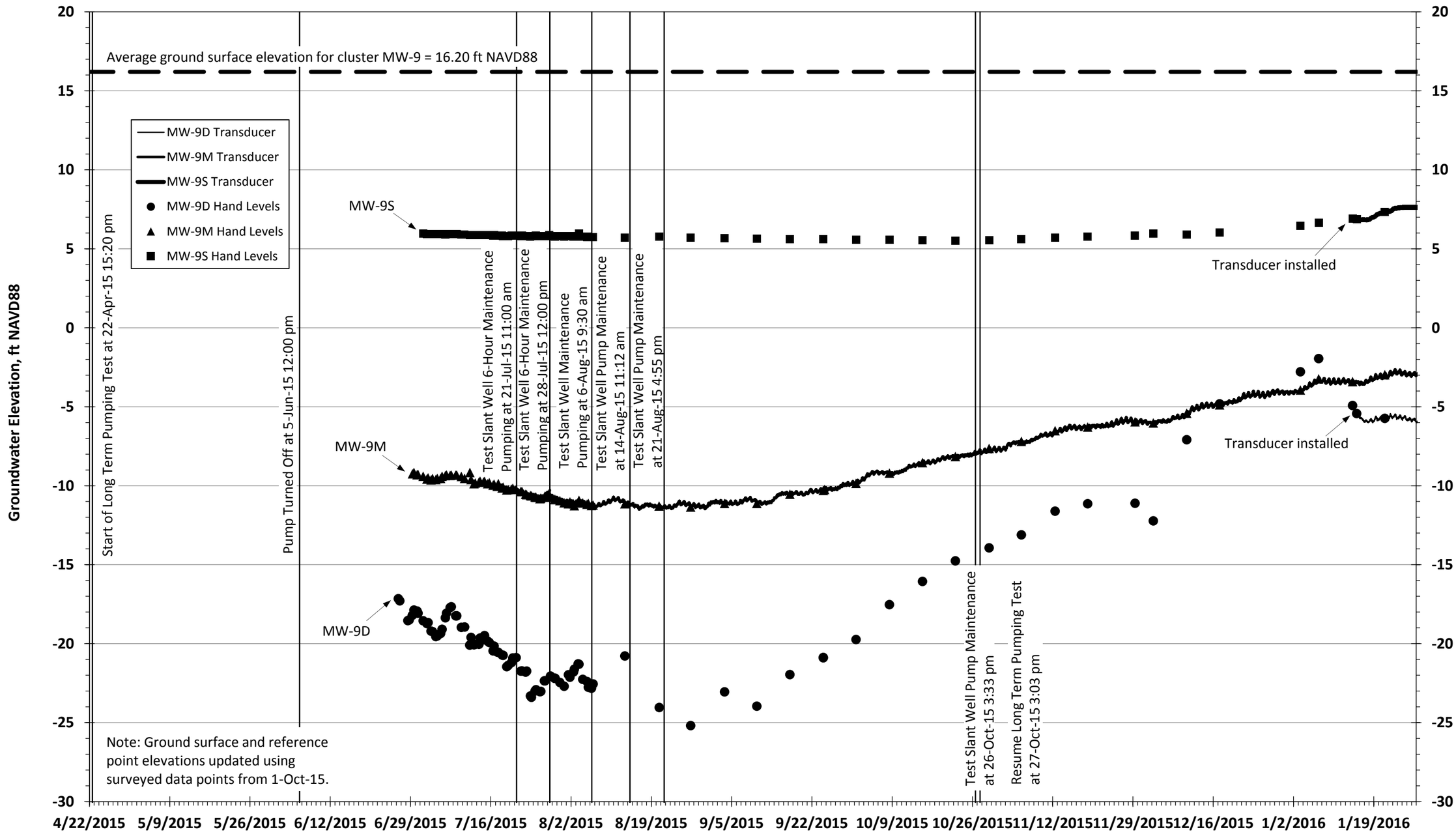

Figure 2-8

Groundwater Elevation in Monterey Regional Water Pollution Control Agency Wells

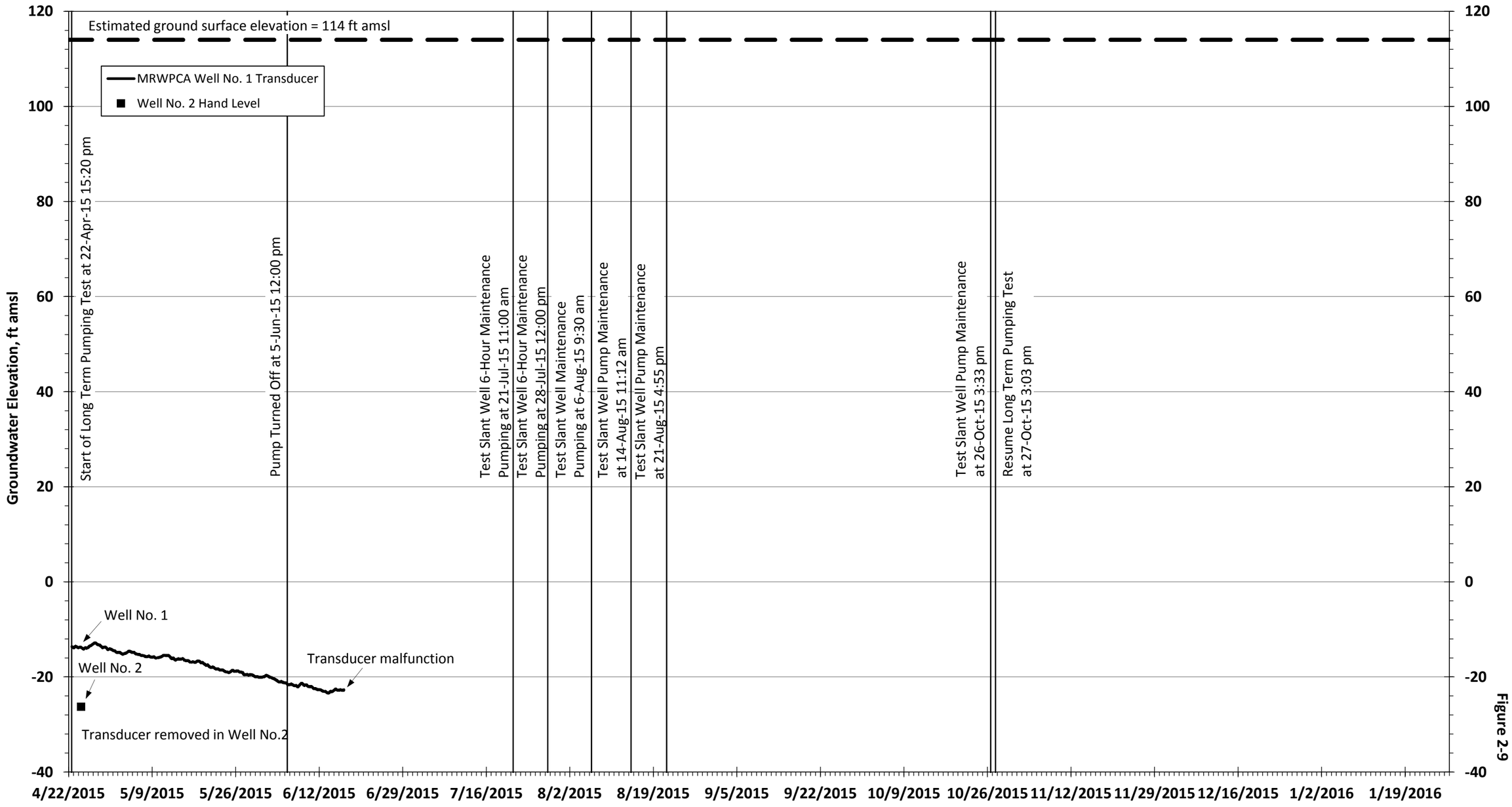

Figure 2-9

Surface Water Elevation in CEMEX Dredge Pond

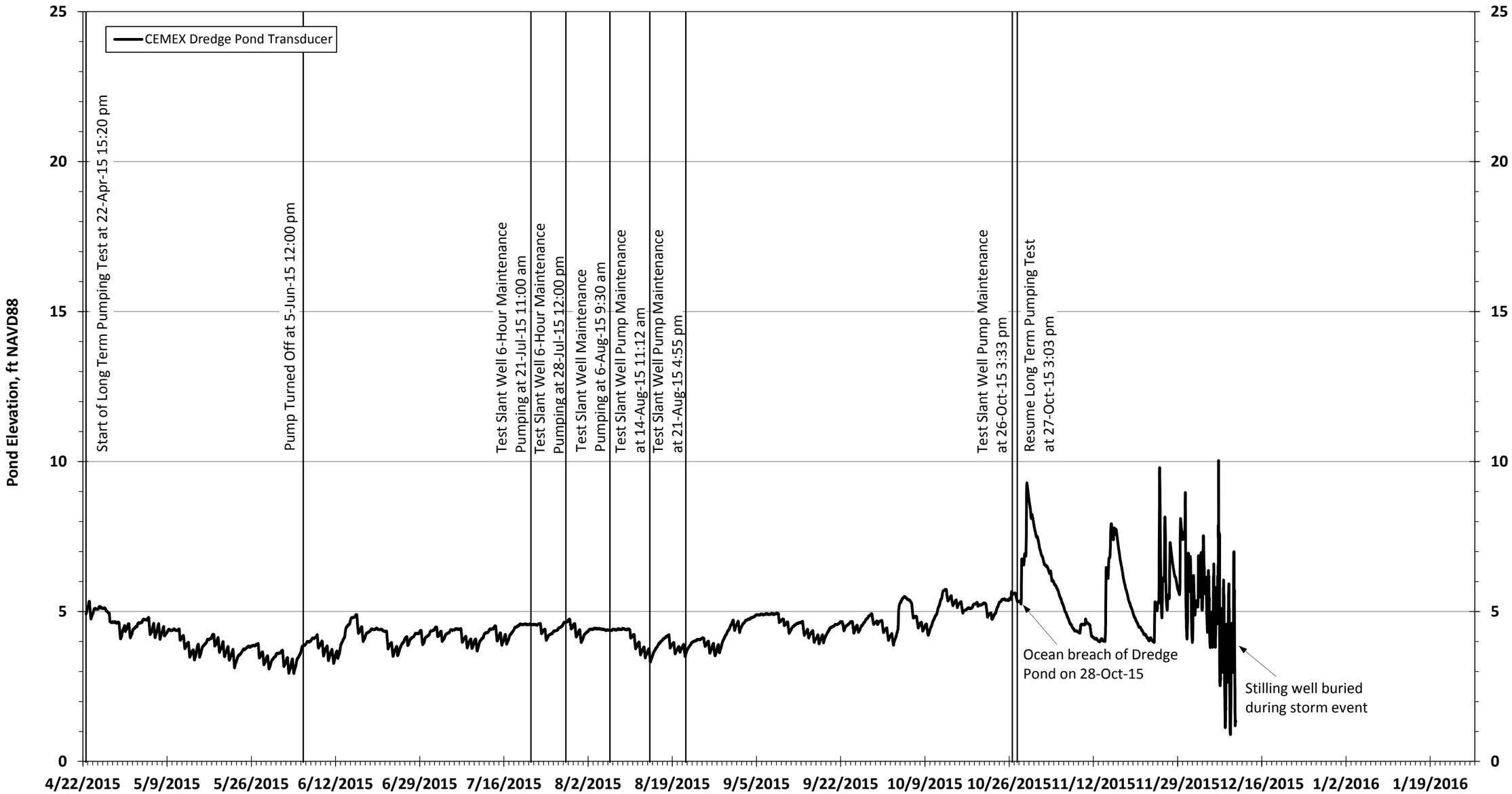

Figure 2-10

Groundwater Elevation in CEMEX North Well

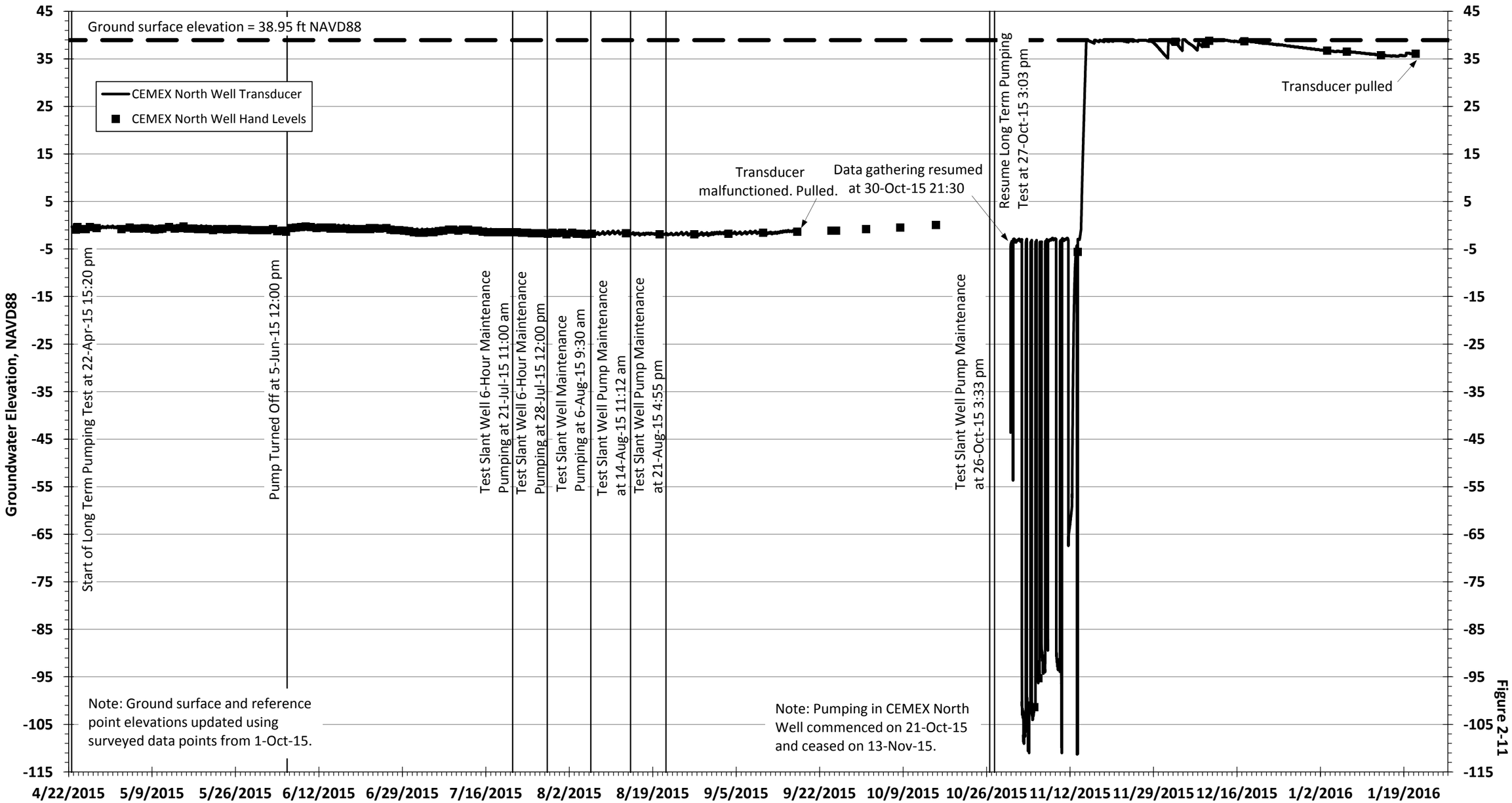

Figure 2-11

Groundwater Elevation in MPWSP Test Slant Well

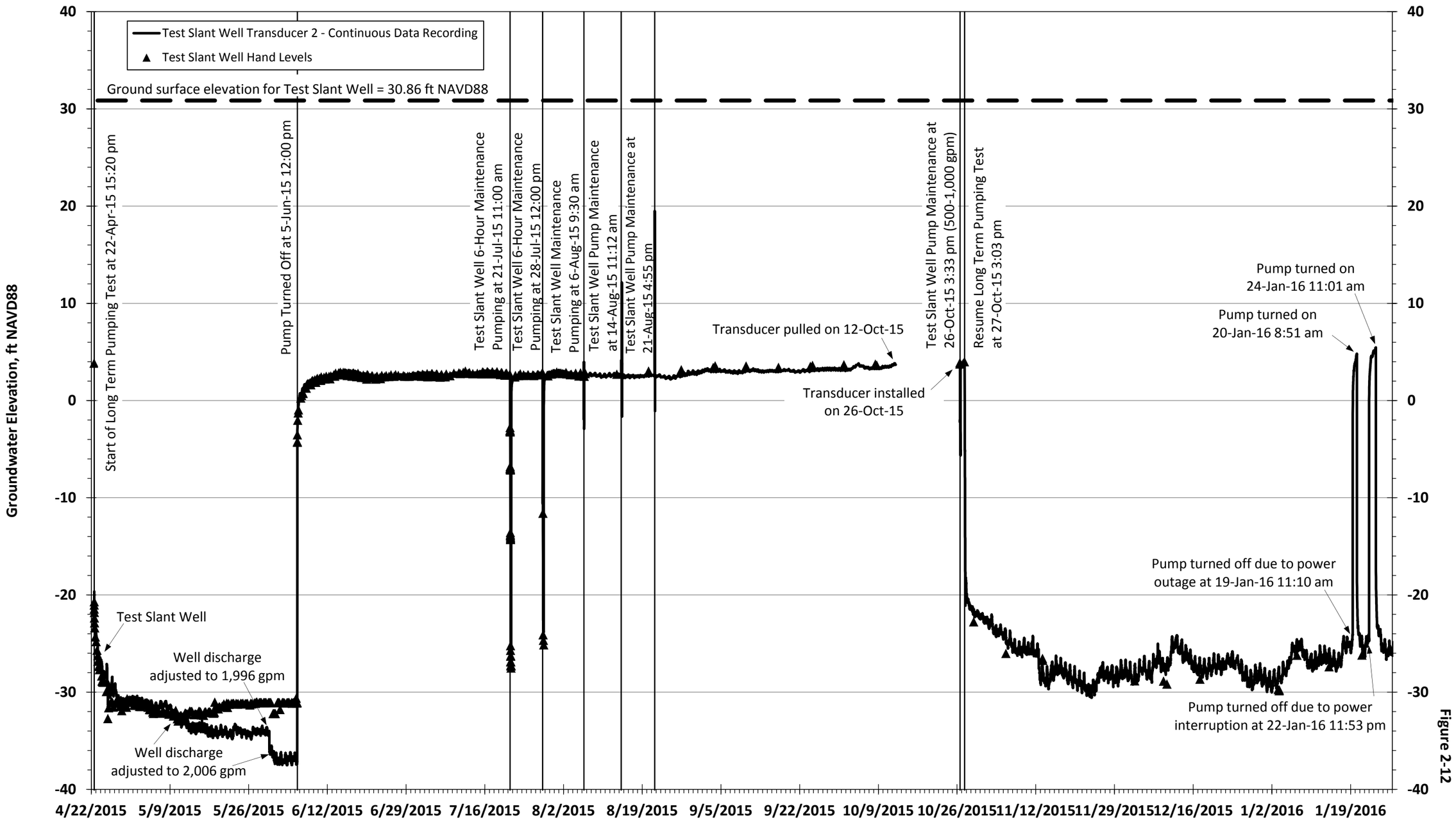

Figure 2-12

Specific Conductivity in MPWSP MW-1

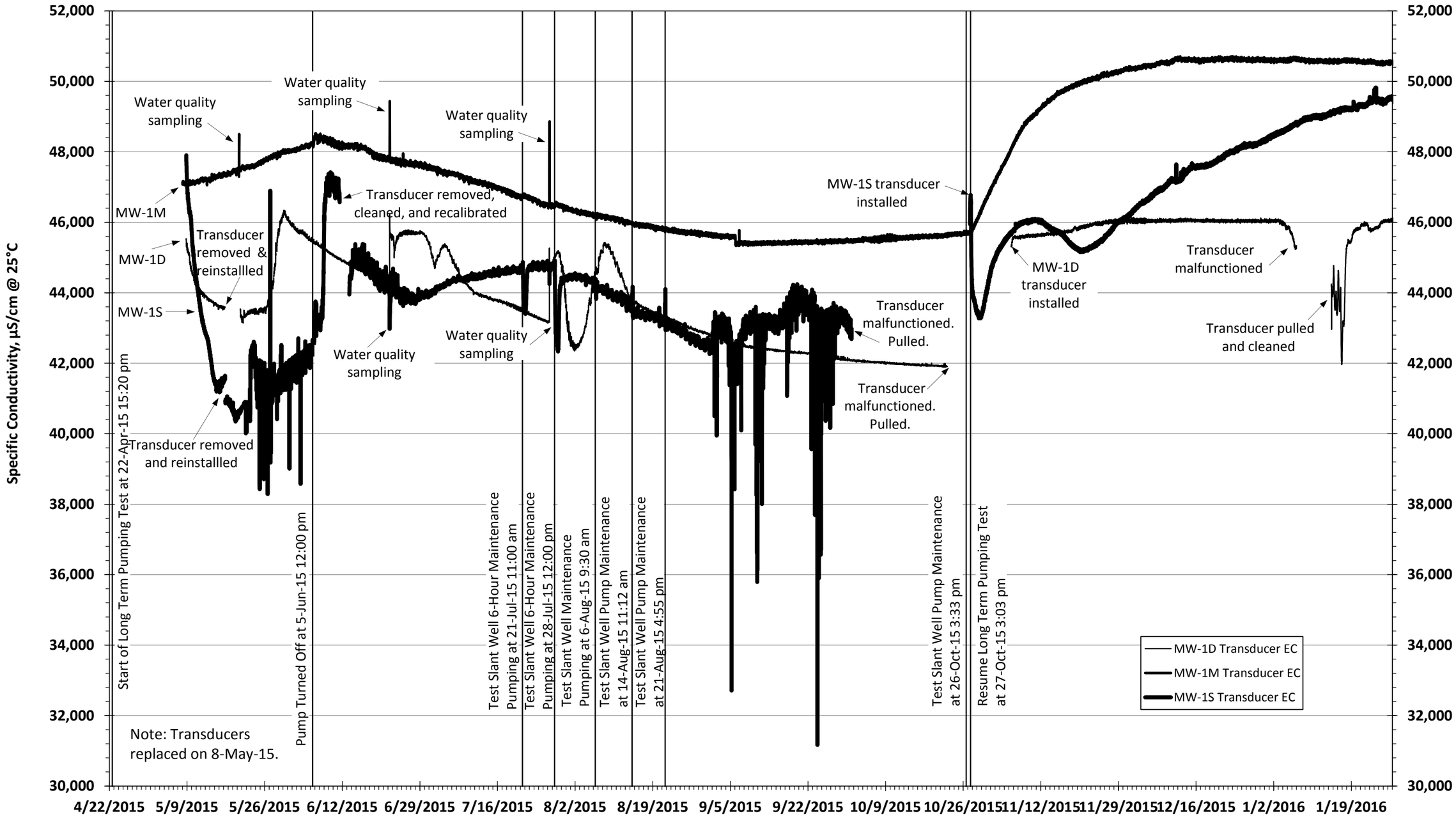

Figure 3-1

Specific Conductivity in MPWSP MW-3

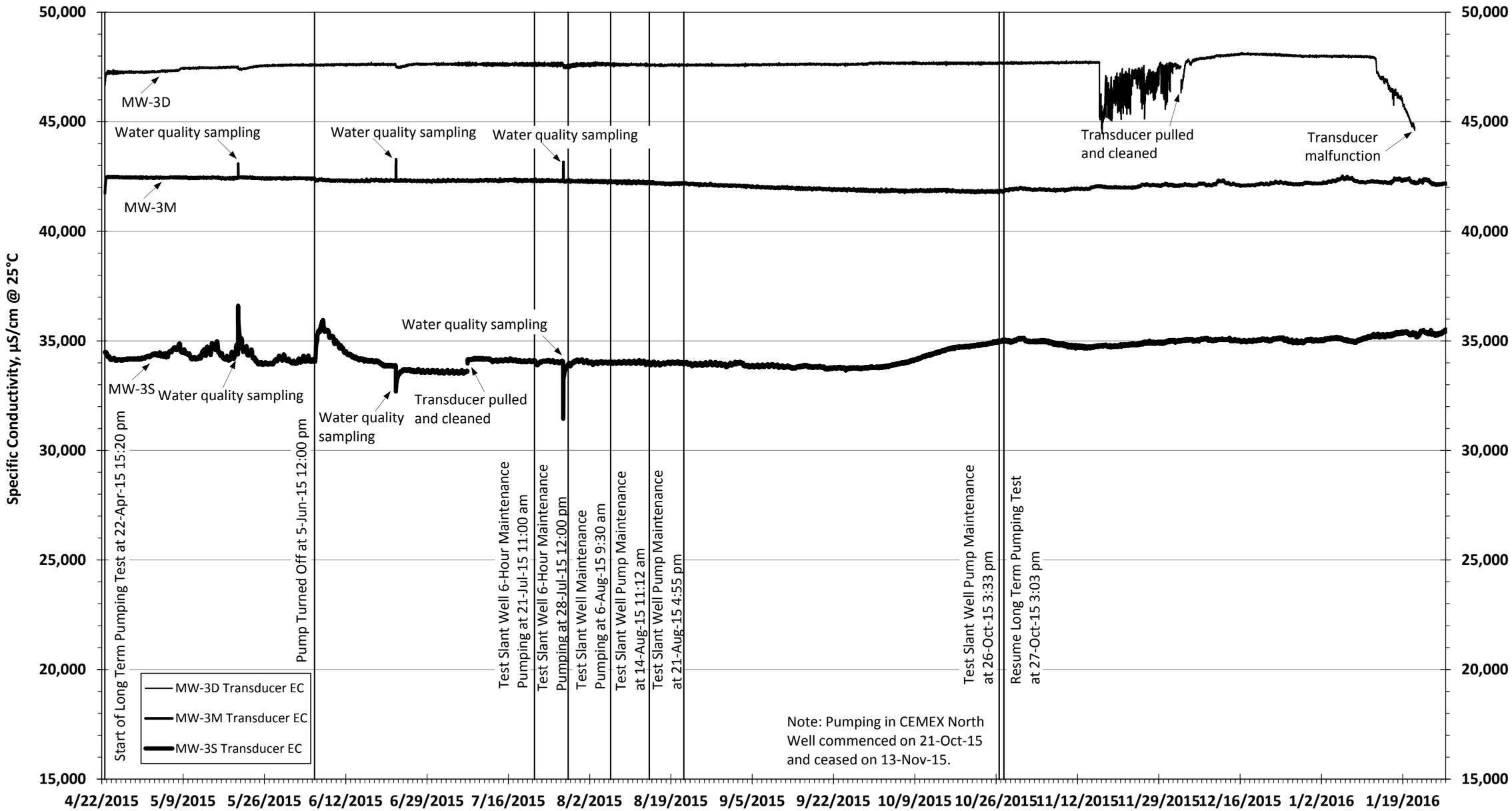

Figure 3-2

Specific Conductivity in MPWSP MW-4

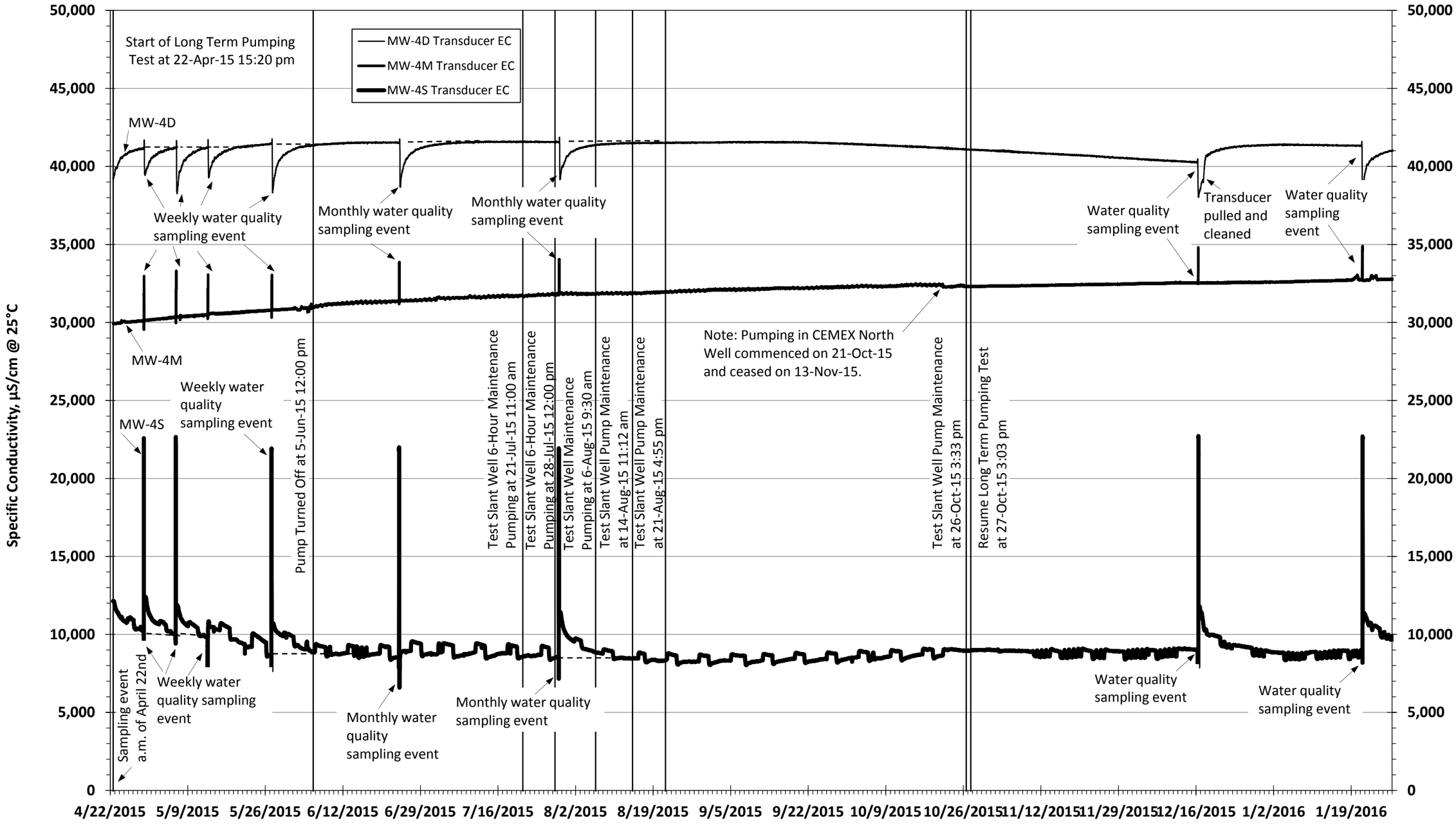

Figure 3-3

Specific Conductivity in MPWSP MW-5

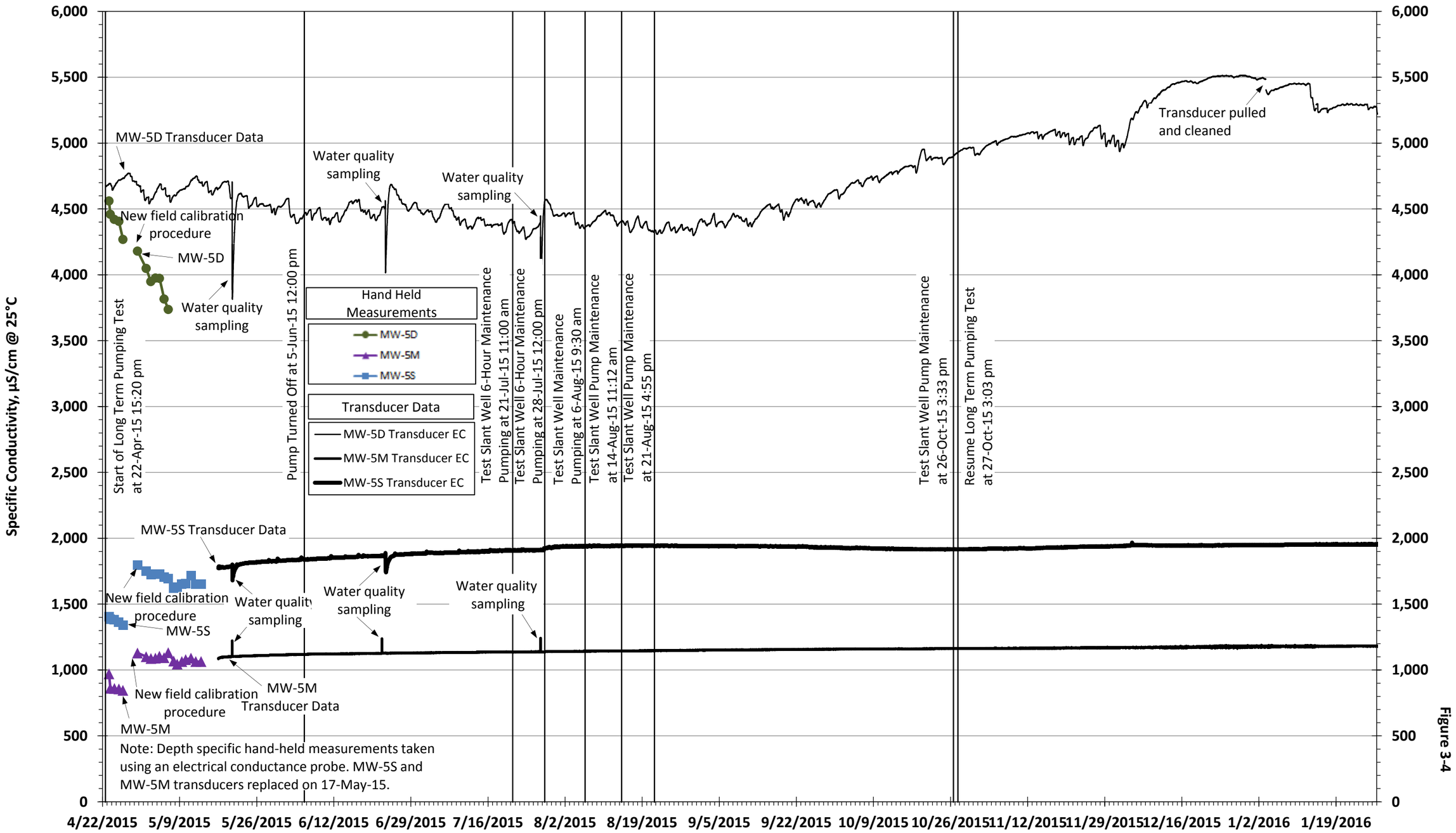

Figure 3-4

Specific Conductivity in MPWSP MW-6

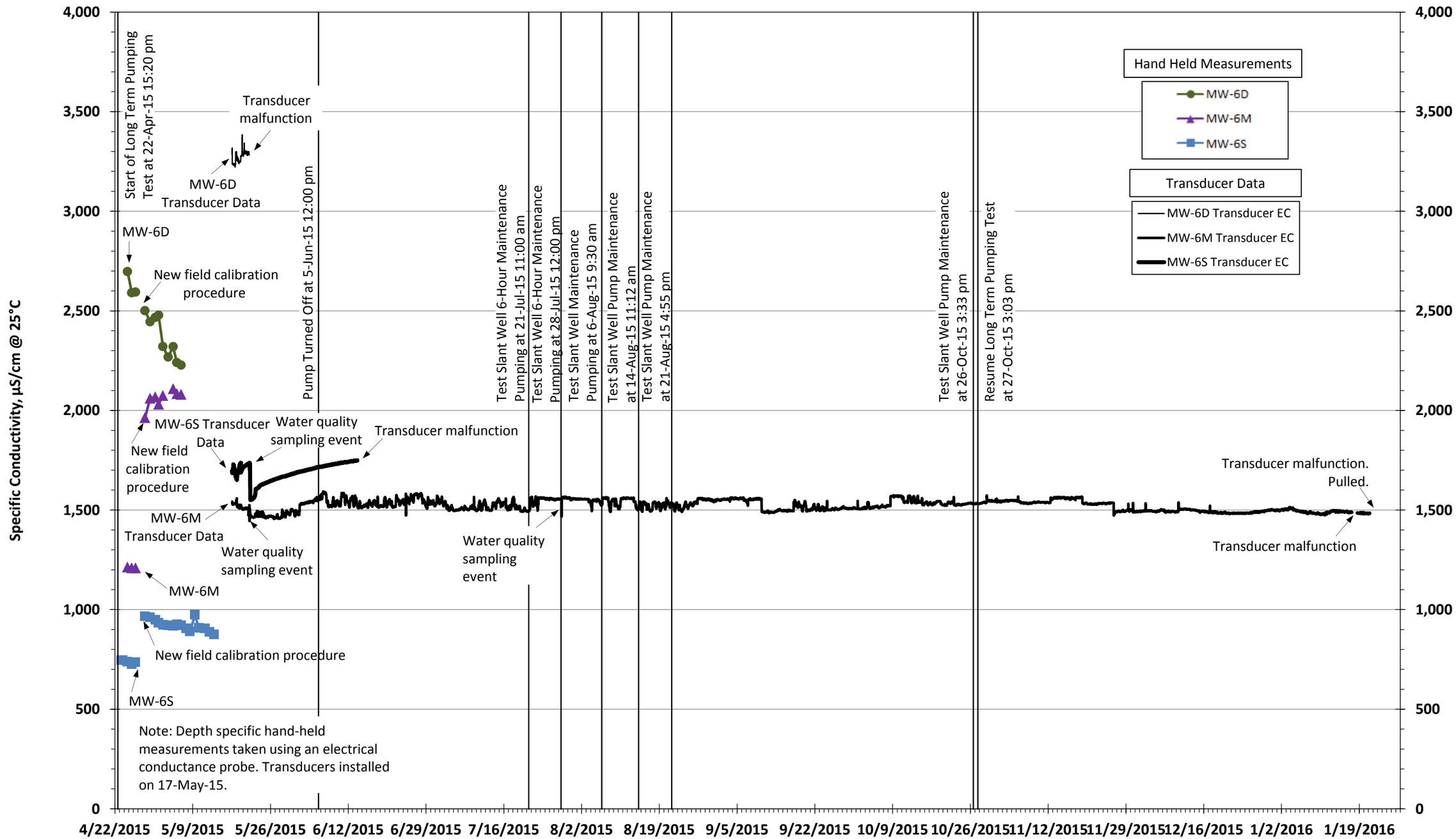

Figure 3-5

Specific Conductivity in MPWSP MW-7

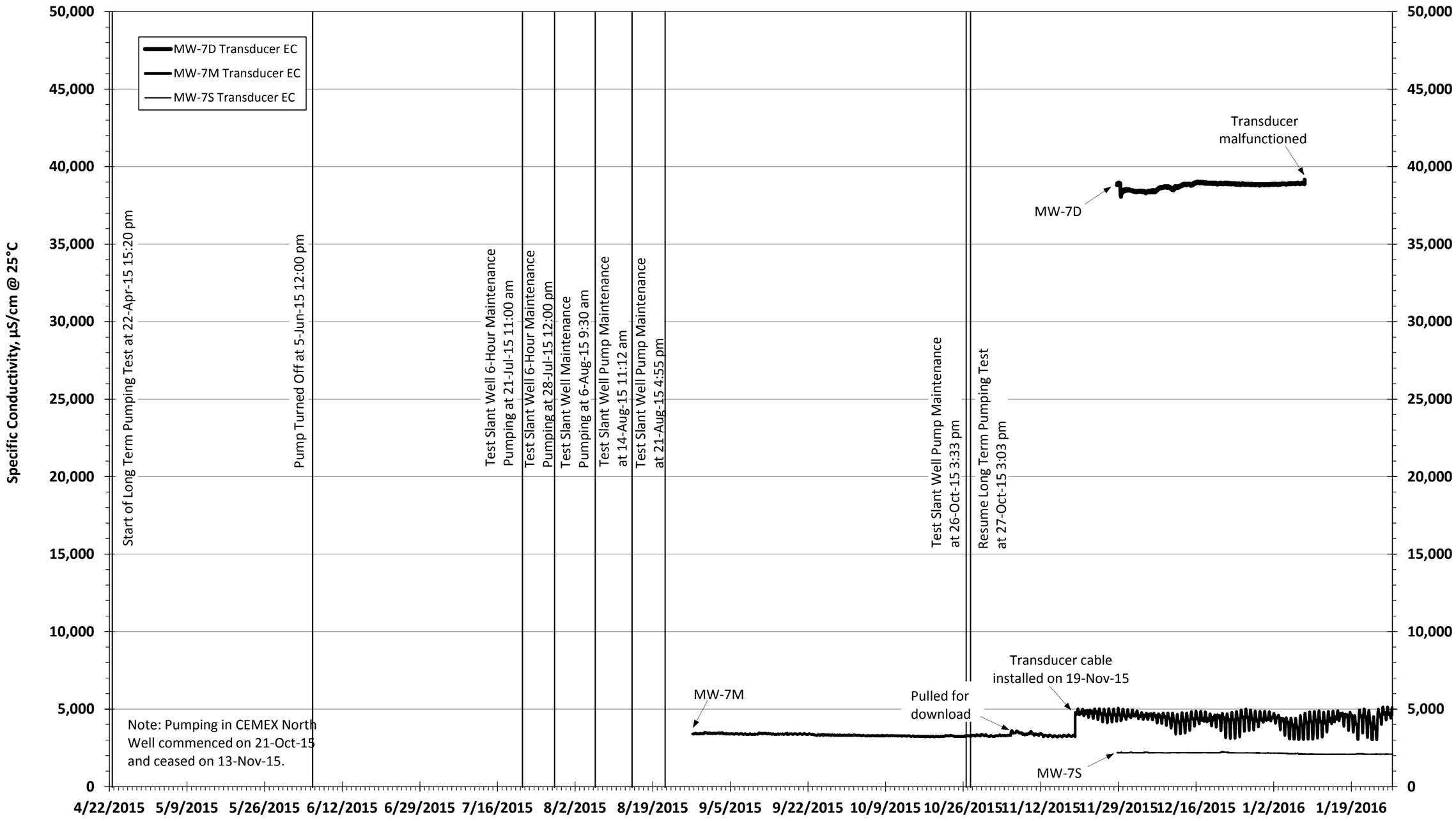

Figure 3-6

Specific Conductivity in MPWSP MW-8

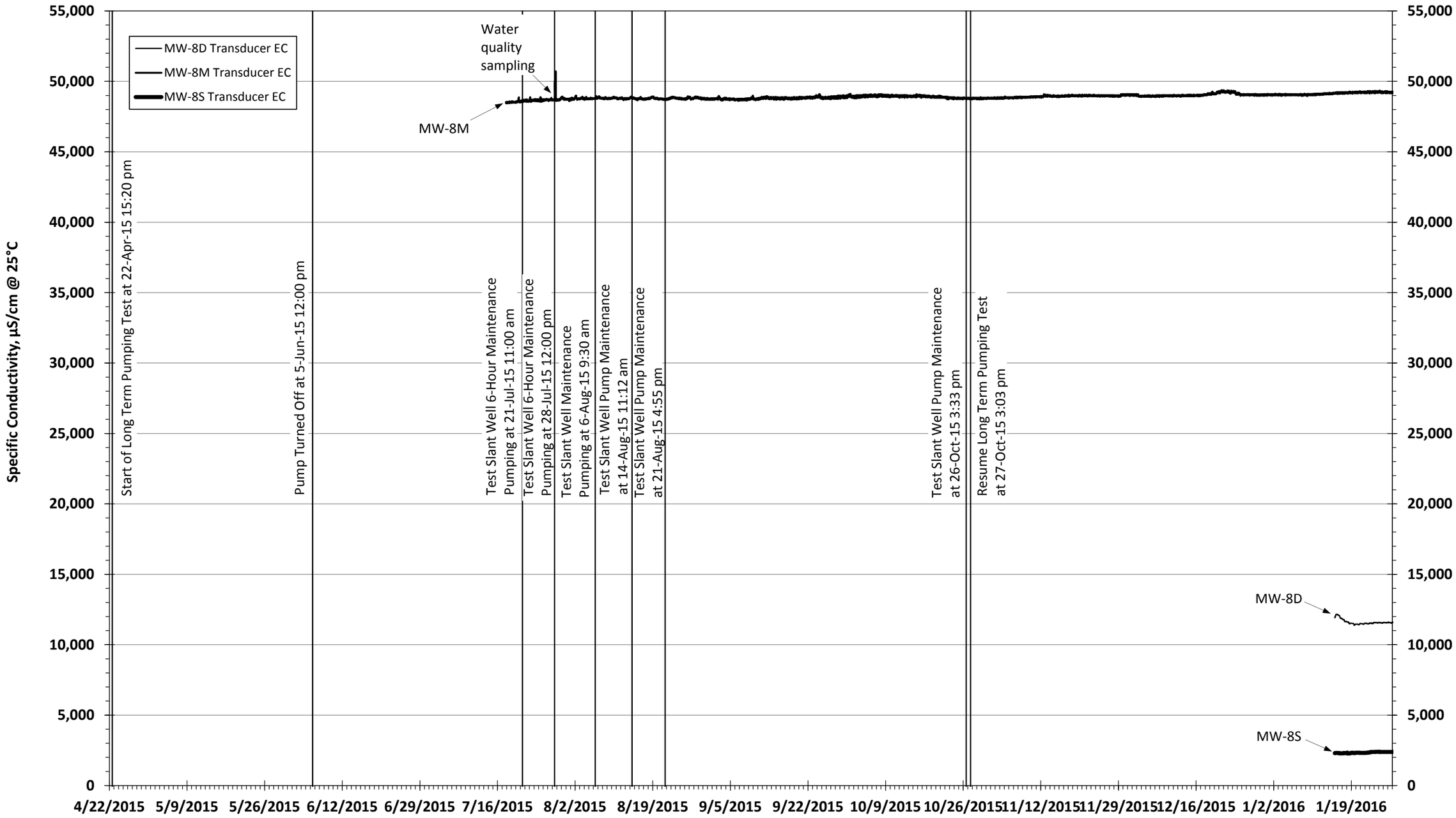

Figure 3-7

Specific Conductivity in MPWSP MW-9

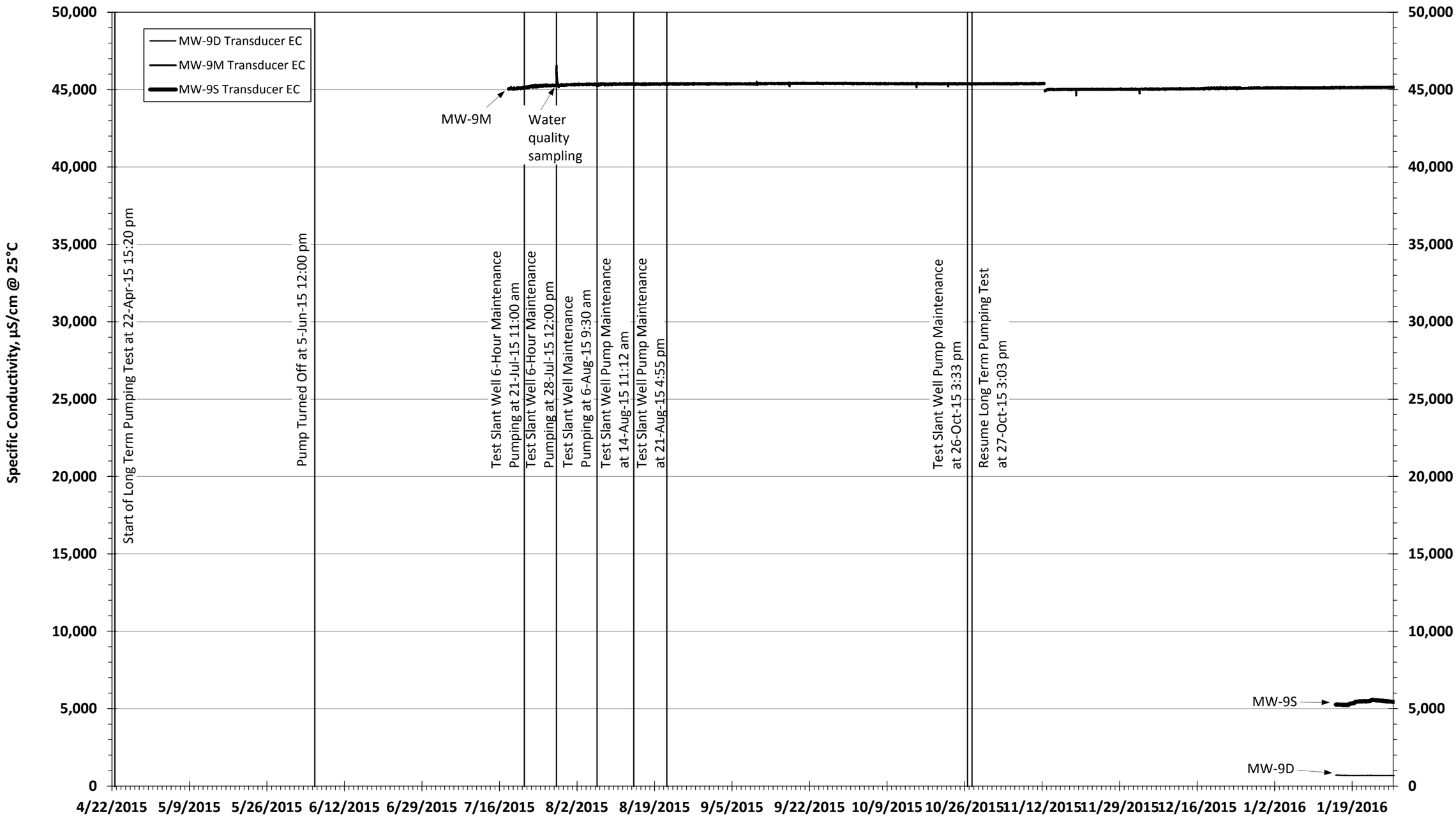

Figure 3-8

Specific Conductivity in Monterey Regional Water Pollution Control Agency Wells

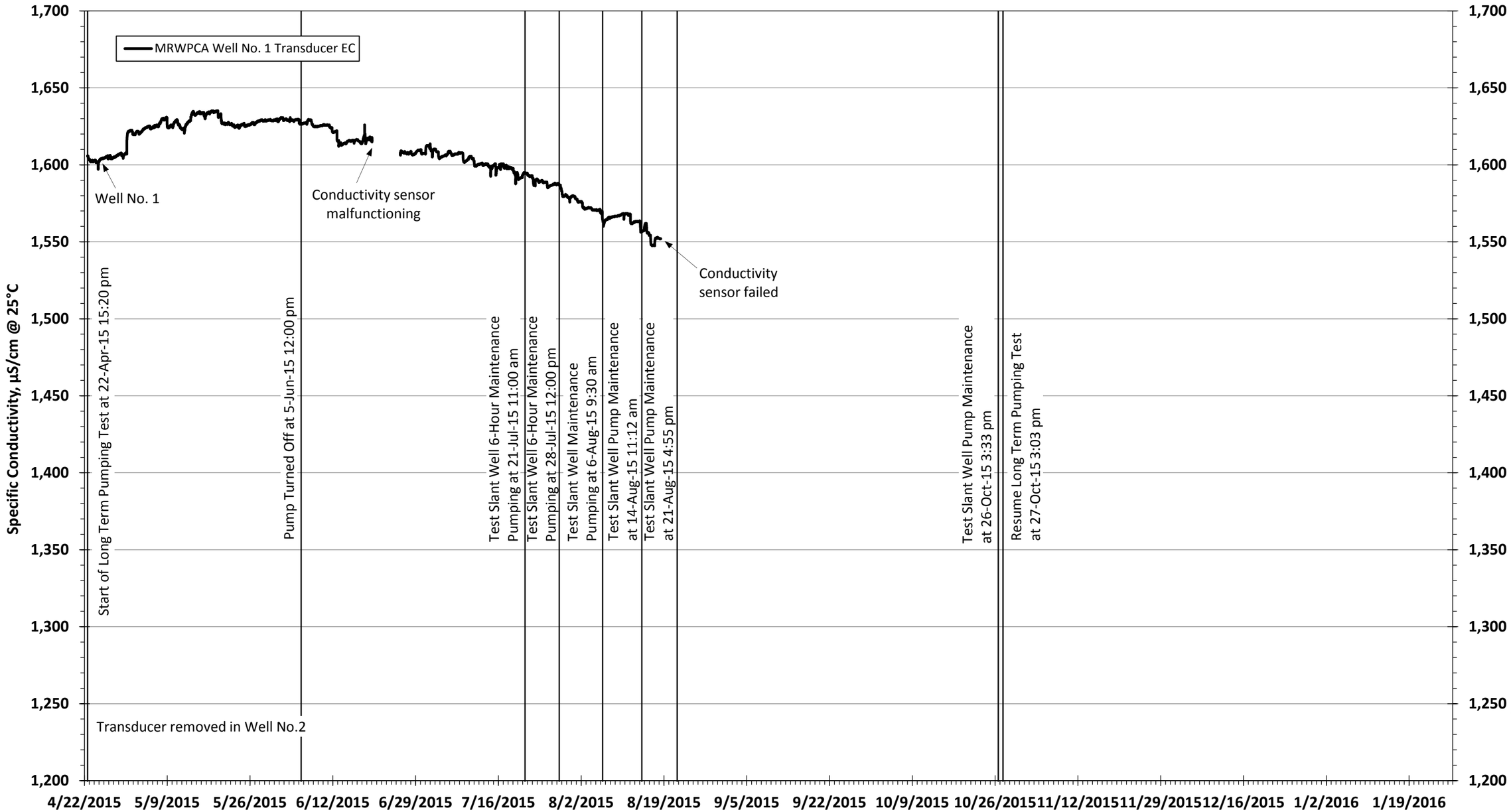

Figure 3-9

Specific Conductivity in CEMEX Dredge Pond

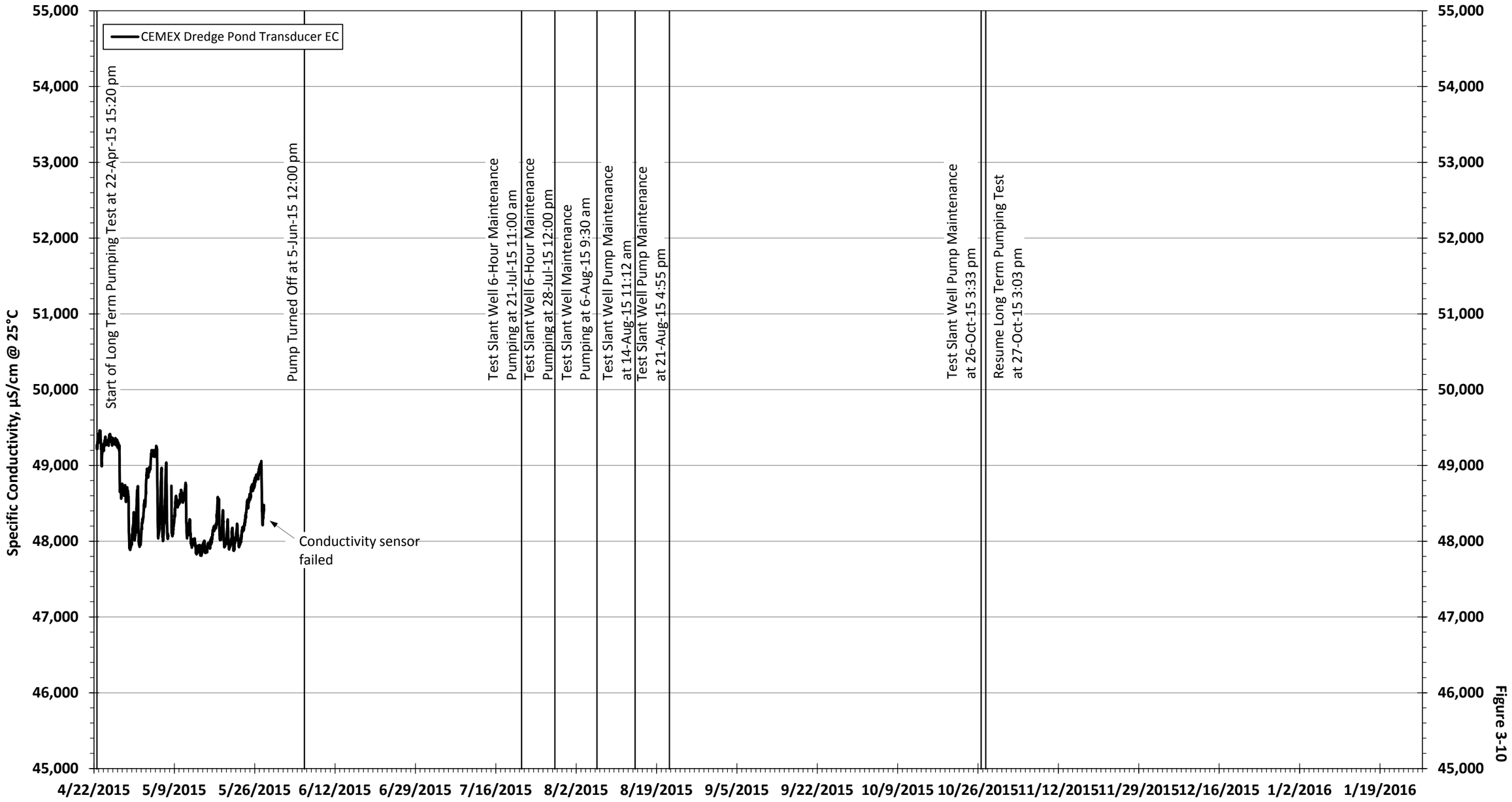

Figure 3-10

Specific Conductivity in CEMEX North Well

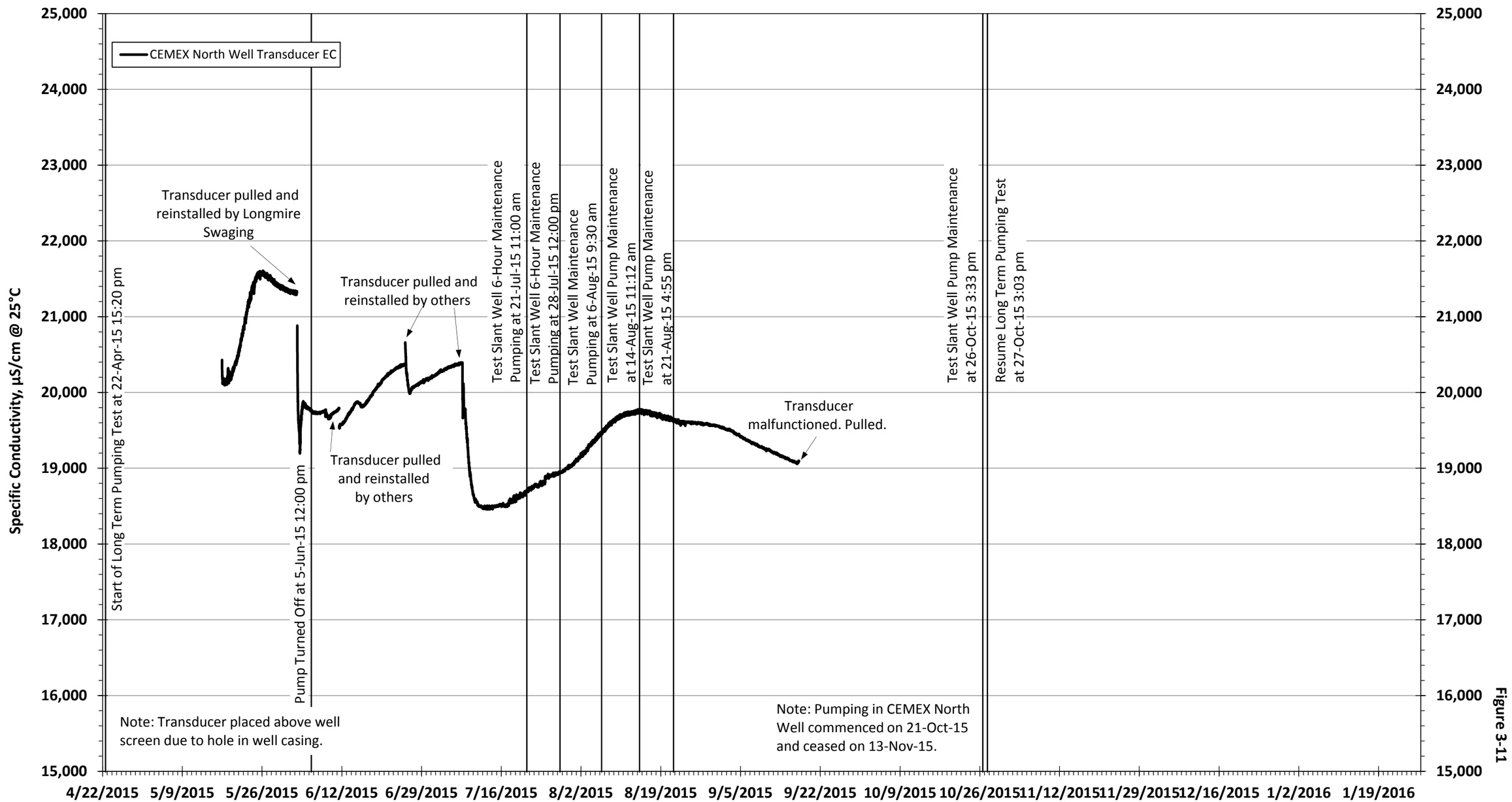

Figure 3-11

Specific Conductivity in MPWSP Test Slant Well

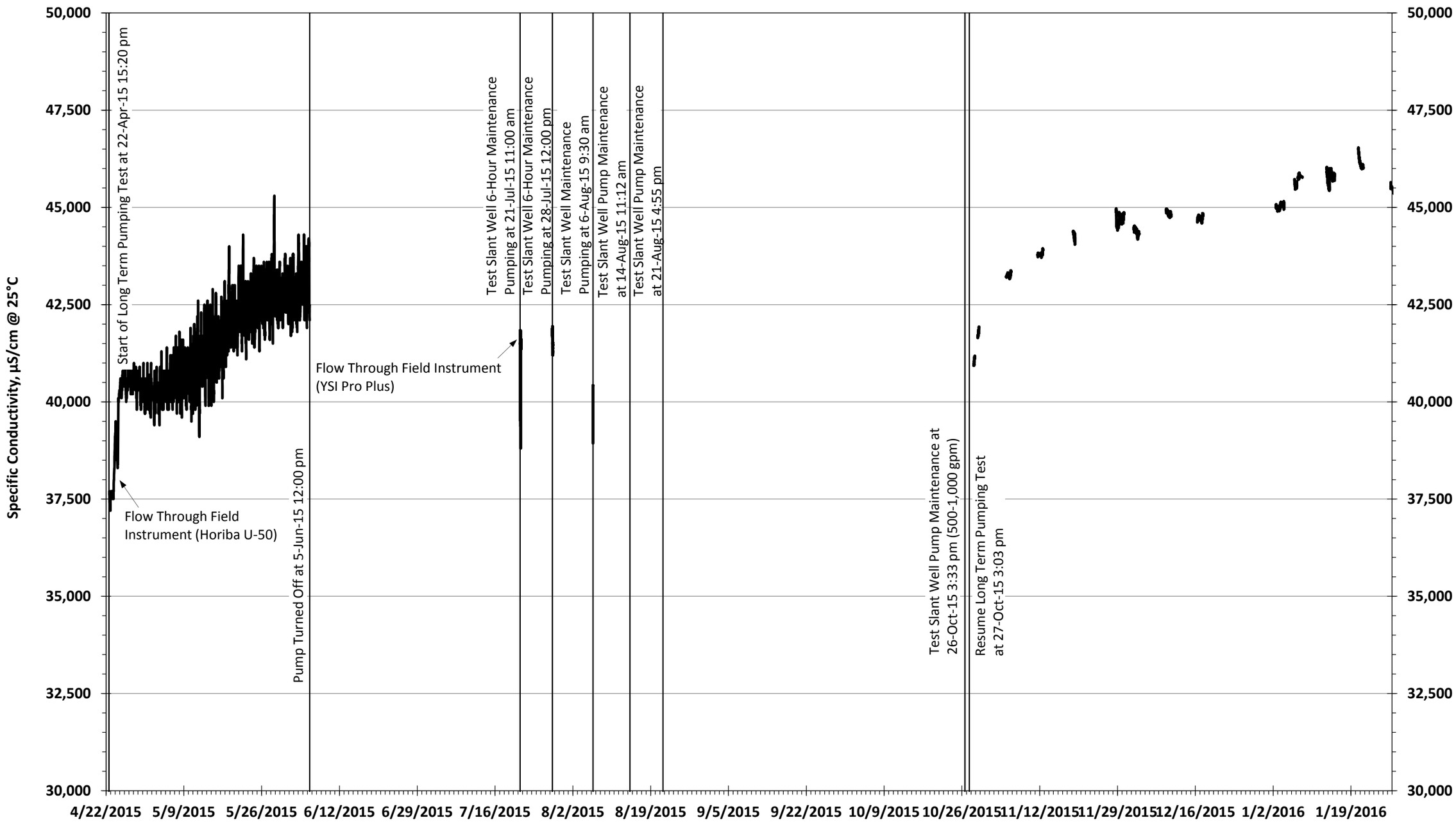

Figure 3-12

TABLES

GEOSCIENCE

Table 1: Well Information Table

Well Name	Cluster	Reference Point (RP)	State Plane Coordinates Northing	State Plane Coordinates Easting	RP Elevation ft NAVD88	RP Height (ft above GS)	Distance of RP from Slant Well Head (ft)	Top of Screen Interval (ft below GS)	Bottom of Screen Interval (ft below GS)	Transducer Installed Depth (ft below RP)	Survey Date	Data Logging Start Date	Data Collected
MW-1S	MW-1	Top of ABS Transducer Mount	2,154,745.35	5,739,355.82	30.51 [1]	2.65 [1]	211	55	95	76	26-Mar-15	19-Feb-15	Level, Conductivity
MW-1M	MW-1	Top of ABS Transducer Mount	2,154,751.93	5,739,347.94	29.86	2.48	220	115	225	182	26-Mar-15	19-Feb-15	Level, Conductivity
MW-1D	MW-1	Top of ABS Transducer Mount	2,154,753.60	5,739,337.98	29.68 [1]	2.65 [1]	230	277	327	309	26-Mar-15	19-Feb-15	Level, Conductivity
MW-3S	MW-3	Top of ABS Transducer Mount	2,154,599.85	5,739,977.02	37.16	2.66	428	50	90	76	26-Mar-15	4-Mar-15	Level, Conductivity
MW-3M	MW-3	Top of ABS Transducer Mount	2,154,592.96	5,739,988.54	37.35	2.73	441	105	215	182	26-Mar-15	4-Mar-15	Level, Conductivity
MW-3D	MW-3	Top of ABS Transducer Mount	2,154,589.81	5,739,998.68	36.93	2.74	451	285	330	321	26-Mar-15	4-Mar-15	Level, Conductivity
MW-4S	MW-4	Top of ABS Transducer Mount	2,154,170.90	5,741,427.62	41.96	2.26	1,940	60	100	66	26-Mar-15	9-Mar-15	Level, Conductivity
MW-4M	MW-4	Top of ABS Transducer Mount	2,154,172.79	5,741,416.78	41.99	2.15	1,929	130	260	208	26-Mar-15	9-Mar-15	Level, Conductivity
MW-4D	MW-4	Top of ABS Transducer Mount	2,154,174.30	5,741,406.08	41.95	2.15	1,918	290	330	317	26-Mar-15	20-Feb-15	Level, Conductivity
MW-5S	MW-5	Top of ABS Transducer Mount	2,156,239.19	5,748,566.86	80.25 [1]	2.20 [1]	9,135	43	83	71	26-Mar-15	10-Mar-15	Level, Conductivity
MW-5M	MW-5	Top of ABS Transducer Mount	2,156,230.38	5,748,564.26	80.48 [1]	2.31 [1]	9,131	100	310	171	26-Mar-15	10-Mar-15	Level, Conductivity
MW-5D	MW-5	Top of ABS Transducer Mount	2,156,220.77	5,748,560.95	80.06	1.97	9,126	395	435	417	26-Mar-15	19-Feb-15	Level, Conductivity
MW-6S	MW-6	Top of ABS Transducer Mount	2,141,142.87	5,756,164.01	35.89	2.45 [1]	21,436	30	60	61	1-Oct-15	22-Apr-15	Level, Conductivity
MW-6M	MW-6	Top of ABS Transducer Mount	2,141,138.40	5,756,154.35	35.68	2.44 [1]	21,431	150	210	103	1-Oct-15	22-Apr-15	Level, Conductivity
MW-6D	MW-6	Top of ABS Transducer Mount	2,141,133.06	5,756,144.94	35.82	2.42 [1]	21,427	255	325	201	1-Oct-15	22-Apr-15	Level, Conductivity
MW-7S	MW-7	Top of ABS Transducer Mount	2,152,099.25	5,744,148.10	50.64	2.06	5,274	60	80	72	1-Oct-15	13-Aug-15	Level, Conductivity
MW-7M	MW-7	Top of ABS Transducer Mount	2,152,110.46	5,744,146.08	50.29	2.09	5,266	130	220	187	1-Oct-15	13-Aug-15	Level, Conductivity
MW-7D	MW-7	Top of ABS Transducer Mount	2,152,120.50	5,744,144.38	50.24	2.24	5,260	295	345	322	1-Oct-15	13-Aug-15	Level, Conductivity
MW-8S	MW-8	Top of ABS Transducer Mount	2,159,440.33	5,744,871.52	19.96	2.14 [3]	7,116	40	80	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	EPA 200.8	µg/L	33	-	31	31	38	38	37	-	-	38
Barium, Dissolved	EPA 200.8	µg/L	95	-	106	106	100	110	87	-	-	88
Bicarbonate (as HCO3-)	SM2320B	mg/L	143	-	148	146	148	144	151	-	-	143
Boron, Dissolved	EPA 200.7	mg/L	2.6	-	2.51	3.10	2.88	2.71	2.86	-	-	3.37
Bromide, Dissolved	EPA 300.0	mg/L	37.0	-	45	45	48.7	48	47.4	-	-	53.6
Calcium	EPA 200.7	mg/L	349	-	621	606	607	587	598	-	-	541
Calcium, Dissolved	EPA 200.7	mg/L	371	-	581	660	595	584	583	-	-	551
Carbamates by HPLC (EPA 531)	EPA 531	µg/L	ND	-	-	-	-	-	-	-	-	-
Carbonate as CaCO3	SM2320B	mg/L	ND	-	ND	ND	ND	ND	ND	-	-	ND
Chloride, Dissolved	EPA 300.0	mg/L	13,830	-	14,476	14,344	15,724	15,721	15,869	-	-	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 = 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.

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
Constituent	**Method**	**Units**	**Result**	**Result**	**Result**	**Result**	**Result**
Alkalinity, Total (as CaCO3)	SM2320B	mg/L	114	111	113	112	111
Aluminum, Total	EPA 200.8	µg/L	ND	ND	53	ND	ND
Ammonia-N, Dissolved	SM4500NH3 D	mg/L	ND	ND	ND	ND	ND
Arsenic, Total	EPA 200.8	µg/L	45	42	42	40	47
Barium, Dissolved	EPA 200.8	µg/L	81	88	82	78	78
Bicarbonate (as HCO3-)	SM2320B	mg/L	139	135	138	137	135
Boron, Dissolved	EPA 200.7	mg/L	3.38	3.16	3.14	3.97	3.21
Bromide, Dissolved	EPA 300.0	mg/L	53	52.6	50.2	50.2	50.0
Calcium	EPA 200.7	mg/L	582	538	511	657	515
Calcium, Dissolved	EPA 200.7	mg/L	577	532	518	686	511
Carbamates by HPLC (EPA 531)	EPA 531	µg/L	ND	-	-	-	-
Carbonate as CaCO3	SM2320B	mg/L	ND	ND	ND	ND	ND
Chloride, Dissolved	EPA 300.0	mg/L	16,111	16,383	16,257	16,579	16,510
Chlorinated Pesticides and PCB (EPA 5	EPA 508	µg/L	ND	-	-	-	-
Color, Apparent (Unfiltered)	SM2120B	Color Units	7	4	ND	ND	3
Copper	EPA 200.7	µg/L	ND	ND	ND	ND	ND
Copper, Total	EPA 200.8	µg/L	-	-	-	-	-
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	503.06	503.06	507.53	516.55	514.28
Total Anions	Calculation	Meq/L	503.06	510.47	507.53	516.55	514.28
Dissolved Cations	Calculation	Meq/L	526.37	498.07	506.84	484.86	457.70
Total Cations	Calculation	Meq/L	544.39	500.67	500.01	510.72	466.00
Fluoride, Dissolved	EPA 300.0	mg/L	0.8	0.8	ND	ND	ND
Hardness (as CaCO3)	SM2340B/Calc	mg/L	6,383	5,890	5,756	6,710	5,651
Hydroxide	SM2320B	mg/L	ND	ND	ND	ND	ND
Iodide	EPA 9056M	µg/L	ND	ND	ND	ND	ND
Iron	EPA 200.7	µg/L	ND	ND	ND	96	ND
Iron, Dissolved	EPA 200.7	µg/L	ND	ND	ND	126	ND
Kjehldahl Nitrogen, Dissolved	SM4500-NH3 B,C.E	mg/L	ND	ND	ND	ND	ND
Lithium	EPA 200.8	µg/L	135	131	142	149	133
Magnesium	EPA 200.7	mg/L	1,200	1,100	1,090	1,230	1,060
Magnesium, Dissolved	EPA 200.7	mg/L	1,170	1,090	1,100	1,310	1,050
Manganese, Dissolved	EPA 200.7	µg/L	ND	ND	ND	ND	ND
Manganese, Total	EPA 200.7	µg/L	ND	ND	ND	ND	ND
MBAS (Surfactants)	SM5540C	mg/L	ND	ND	ND	ND	ND
Nitrate as NO3	EPA 300.0	mg/L	6	6	2	9	8
Nitrate+Nitrite as N	EPA 300.0	mg/L	1.4	1.3	2.0	2.0	1.9
Nitrite as NO2-N, Dissolved	EPA 300.0	mg/L	ND	ND	ND	ND	ND
Odor Threshold at 60 C	SM2150B	TON	2	2	3	1	2
o-Phosphate-P	Hach 8048	mg/L	0.15	0.15	0.14	0.13	0.13
pH (Field Test)	SM4500-H+B	pH	7.06	8.14	7.10	7.08	7.11
pH (Laboratory)	SM4500-H+B	pH (H)	7.1	7.1	7.1	7.1	7.1
Phenoxy Acid Herbicides (515.3)	EPA 515.3	µg/L	ND	-	-	-	-
Phosphorus, Dissolved Total	HACH 8190	mg/L	0.14	0.13	0.13	0.13	0.10
Potassium	EPA 200.7	mg/L	284	268	266	293	256
Potassium, Dissolved	EPA 200.7	mg/L	281	268.0	266	308	254
QC Ratio TDS/SEC	Calculation	-	0.68	0.69	0.68	0.67	0.66
Reg. Org. Compounds (EPA 525)	EPA 525	µg/L	ND	-	-	-	-
Silica as SiO2, Dissolved	EPA 200.7	mg/L	18	16	16	20	16
Sodium	EPA 200.7	mg/L	9,410	8,654	8,691	8,488	7,966
Sodium, Dissolved	EPA 200.7	mg/L	9,060	8,620	8,820	7,700	7,800
Specific Conductance (E.C)	SM2510B	µmhos/cm	44,110	44,470	44,380	44,870	45,370
Specific Conductance (E.C) (Field)	SM2510B	µmhos/cm	44,835	44,246	44,834	44,649	45,090
Strontium, Dissolved	EPA 200.8	µg/L	7,767	7,668	7,444	7,194	7,306
Sulfate, Dissolved	EPA 300.0	mg/L	2,187	2,177	2,204	2,202	2,188
Temperature (Field)	SM2550	° C	16.3	16.9	16.9	16.7	15.6
Total Diss. Solids	SM2540C	mg/L	29,800	30,900	30,200	30,200	30,100
Turbidity	EPA 180.1	NTU	0.30	0.15	0.40	0.25	0.30
Turbidity (Field)	EPA 180.1	NTU	1.15	0.64	0.67	0.36	0.31
Volatile Org. Compounds (524)	EPA 524	µg/L	ND	-	-	-	-
Zinc	EPA 200.7	µg/L	ND	ND	204	ND	ND
Zinc, Total	EPA 200.8	µg/L	-	-	-	-	-
PCBs, Total	EPA 508	µg/L	ND	-	-	-	-
Total PCB	EPA 1668C	pg/L	25.8	-	-	-	-

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.

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

STATE OF CALIFORNIA – THE RESOURCES AGENCY

ARNOLD SCHWARZENEGGER, *GOVERNOR*

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

Matt Dole

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

20-January-16 - 27-January-16

GEOSCIENCE

Report Date: 2/1/2016 10:39:35 AM
Report User Name: KMakar
Report Computer Name: WKST46
Application: WinSitu.exe
Application Version: 5.6.25.0

Log File Properties:
File Name: MPWSP MW-1D LT Test_2016-01-28_13-38-49-172.wsl
Create Date: 1/28/2016 1:38:43 PM

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

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

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

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

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

TDS Factor: 0.68

Log Notes:

Date and Time	Note
11/5/2015 11:47:27 AM	Used Battery: 6% Used Memory: 3% User Name: KMakar
11/12/2015 9:34:00 AM	Log Download - Used Battery: 7% Used Memory: 3% User Name: CShaw
11/19/2015 2:45:06 PM	Log Download - Used Battery: 7% Used Memory: 4% User Name: KMakar Interval - Start Time: 11/5/2015 1:00:00 PM Stop Time: 11/19/2015 2:45:00 PM
11/29/2015 9:01:14 AM	Log Download - Used Battery: 8% Used Memory: 4% User Name: CShaw Interval - Start Time: 11/13/2015 1:00:00 AM Stop Time: 11/29/2015 5:30:00 PM
12/3/2015 10:35:30 AM	Log Download - Used Battery: 8% Used Memory: 6% User Name: KMakar Interval - Start Time: 11/18/2015 7:00:00 AM Stop Time: 12/3/2015 10:35:00 AM
12/10/2015 8:33:47 AM	Log Download - Used Battery: 8% Used Memory: 6% User Name: CShaw Interval - Start Time: 10/13/2015 1:00:00 AM Stop Time: 12/10/2015 2:30:00 PM
12/17/2015 11:02:21 AM	Log Download - Used Battery: 9% Used Memory: 7% User Name: KMakar Interval - Start Time: 12/1/2015 12:00:00 PM Stop Time: 12/17/2015 11:00:00 AM
1/3/2016 9:47:16 AM	Log Download - Used Battery: 9% Used Memory: 9% User Name: CShaw Interval - Start Time: 11/30/2015 1:00:00 AM Stop Time: 1/3/2016 5:45:00 PM
1/7/2016 10:06:29 AM	Log Download - Used Battery: 10% Used Memory: 9% User Name: KMakar Interval - Start Time: 12/31/2015 10:00:00 AM Stop Time: 1/7/2016 10:45:00 AM
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

Log Data:
Record Count: 967
Sensors: 1
1 - 398881: PCTD 300 PSIG (211m/692ft)
Time Zone: Pacific Standard Time

Date and Time	Elapsed Time Seconds	Sensor: PCTD(G) 692ft SN#: 398881 Pressure (PSI)	Sensor: PCTD(G) 692ft SN#: 398881 Temperature (C)	Sensor: PCTD(G) 692ft SN#: 398881 Depth (ft)	Sensor: PCTD(G) 692ft SN#: 398881 Actual Conductivity (µS)	Sensor: PCTD(G) 692ft SN#: 398881 Specific Conductivity (µS)	Sensor: PCTD(G) 692ft SN#: 398881 Salinity (PSU)	Sensor: PCTD(G) 692ft SN#: 398881 Total Dissolved Solids (ppm)	Sensor: PCTD(G) 692ft SN#: 398881 Resistivity (ohm-cm)	Sensor: PCTD(G) 692ft SN#: 398881 Water Density (g/cm3)
1/21/2016 12:00:00 AM	216900.000	122.088	19.212	275.014	40764.023	45830.918	29.981	31165.027	24.531	1.021
1/21/2016 12:15:00 AM	217800.000	122.084	19.218	275.007	40776.336	45838.840	29.987	31170.414	24.524	1.021

1/21/2016 12:30:00 AM	218700.000	122.057	19.225	274.944
40783.438	45839.543	29.988	31170.891	24.520
1.021				
1/21/2016 12:45:00 AM	219600.000	122.046	19.234	274.921
40808.043	45858.273	30.002	31183.629	24.505
1.021				
1/21/2016 1:00:00 AM	220500.000	122.022	19.242	274.866
40816.813	45860.590	30.004	31185.203	24.500
1.021				
1/21/2016 1:15:00 AM	221400.000	122.019	19.244	274.861
40836.168	45880.016	30.018	31198.412	24.488
1.021				
1/21/2016 1:30:00 AM	222300.000	122.017	19.245	274.856
40842.734	45886.363	30.023	31202.729	24.484
1.021				
1/21/2016 1:45:00 AM	223200.000	122.019	19.247	274.861
40842.945	45885.230	30.022	31201.957	24.484
1.021				
1/21/2016 2:00:00 AM	224100.000	121.994	19.255	274.804
40853.086	45888.734	30.025	31204.342	24.478
1.021				
1/21/2016 2:15:00 AM	225000.000	122.029	19.269	274.882
40898.781	45926.160	30.053	31229.789	24.451
1.021				
1/21/2016 2:30:00 AM	225900.000	122.030	19.278	274.885
40862.133	45875.832	30.017	31195.568	24.473
1.021				
1/21/2016 2:45:00 AM	226800.000	122.045	19.283	274.918
40908.645	45923.691	30.052	31228.113	24.445
1.021				
1/21/2016 3:00:00 AM	227700.000	122.064	19.283	274.960
40915.727	45931.379	30.057	31233.340	24.440
1.021				
1/21/2016 3:15:00 AM	228600.000	122.100	19.282	275.043
40904.871	45920.387	30.049	31225.865	24.447
1.021				
1/21/2016 3:30:00 AM	229500.000	122.123	19.283	275.095
40919.797	45936.211	30.061	31236.623	24.438
1.021				
1/21/2016 3:45:00 AM	230400.000	122.143	19.281	275.139
40907.031	45923.504	30.052	31227.984	24.446
1.021				
1/21/2016 4:00:00 AM	231300.000	122.194	19.278	275.253
40917.887	45938.781	30.063	31238.373	24.439
1.021				
1/21/2016 4:15:00 AM	232200.000	122.222	19.278	275.316
40888.914	45906.418	30.039	31216.365	24.457
1.021				
1/21/2016 4:30:00 AM	233100.000	122.271	19.275	275.428
40883.066	45902.508	30.036	31213.707	24.460
1.021				
1/21/2016 4:45:00 AM	234000.000	122.318	19.276	275.534
40907.469	45928.625	30.055	31231.467	24.445
1.021				
1/21/2016 5:00:00 AM	234900.000	122.381	19.276	275.674
40906.516	45927.906	30.055	31230.979	24.446

1.021
1/21/2016 5:15:00 AM 235800.000 122.405 19.273 275.729
40927.125 45953.699 30.073 31248.518 24.434
1.021
1/21/2016 5:30:00 AM 236700.000 122.455 19.273 275.841
40916.574 45942.020 30.065 31240.576 24.440
1.021
1/21/2016 5:45:00 AM 237600.000 122.507 19.274 275.958
40922.492 45947.469 30.069 31244.279 24.436
1.021
1/21/2016 6:00:00 AM 238500.000 122.551 19.270 276.059
40936.770 45967.539 30.083 31257.930 24.428
1.021
1/21/2016 6:15:00 AM 239400.000 122.578 19.267 276.119
40915.855 45947.219 30.068 31244.109 24.440
1.021
1/21/2016 6:30:00 AM 240300.000 122.622 19.266 276.218
40903.359 45933.711 30.058 31234.926 24.448
1.021
1/21/2016 6:45:00 AM 241200.000 122.648 19.263 276.277
40870.156 45899.602 30.033 31211.729 24.468
1.021
1/21/2016 7:00:00 AM 242100.000 122.690 19.265 276.371
40866.336 45893.672 30.029 31207.699 24.470
1.021
1/21/2016 7:15:00 AM 243000.000 122.691 19.262 276.374
40900.367 45934.980 30.059 31235.789 24.450
1.021
1/21/2016 7:30:00 AM 243900.000 122.706 19.264 276.407
40907.402 45940.906 30.063 31239.818 24.445
1.021
1/21/2016 7:45:00 AM 244800.000 122.720 19.257 276.439
40884.633 45922.023 30.049 31226.979 24.459
1.021
1/21/2016 8:00:00 AM 245700.000 122.726 19.259 276.452
40881.652 45916.195 30.045 31223.016 24.461
1.021
1/21/2016 8:15:00 AM 246600.000 122.714 19.256 276.426
40882.336 45920.223 30.048 31225.754 24.460
1.021
1/21/2016 8:30:00 AM 247500.000 122.710 19.256 276.415
40867.270 45903.121 30.036 31214.125 24.469
1.021
1/21/2016 8:45:00 AM 248400.000 122.699 19.256 276.392
40862.180 45897.496 30.031 31210.299 24.473
1.021
1/21/2016 9:00:00 AM 249300.000 122.683 19.251 276.356
40894.527 45939.234 30.062 31238.682 24.453
1.021
1/21/2016 9:15:00 AM 250200.000 122.652 19.251 276.285
40903.469 45948.594 30.068 31245.047 24.448
1.021
1/21/2016 9:30:00 AM 251100.000 122.602 19.251 276.174
40911.238 45957.750 30.075 31251.270 24.443
1.021
1/21/2016 9:45:00 AM 252000.000 122.561 19.251 276.080

40898.387	45943.652	30.065	31241.686	24.451	1.021	
1/21/2016 10:00:00 AM	252900.000	122.535	19.249	276.022	40874.746	45918.297
30.046	31224.443	24.465	1.021			
1/21/2016 10:15:00 AM	253800.000	122.487	19.241	275.914	40872.859	45924.156
30.050	31228.428	24.466	1.021			
1/21/2016 10:30:00 AM	254700.000	122.417	19.254	275.756	40906.270	45949.508
30.069	31245.668	24.446	1.021			
1/21/2016 10:45:00 AM	255600.000	122.350	19.245	275.604	40870.895	45918.609
30.046	31224.654	24.467	1.021			
1/21/2016 11:00:00 AM	256500.000	122.286	19.247	275.461	40894.070	45941.902
30.063	31240.496	24.453	1.021			
1/21/2016 11:15:00 AM	257400.000	122.225	19.249	275.323	40882.824	45927.285
30.053	31230.557	24.460	1.021			
1/21/2016 11:30:00 AM	258300.000	122.163	19.251	275.184	40895.387	45940.285
30.062	31239.395	24.453	1.021			
1/21/2016 11:45:00 AM	259200.000	122.115	19.254	275.076	40890.762	45931.313
30.056	31233.293	24.455	1.021			
1/21/2016 12:00:00 PM	260100.000	122.048	19.245	274.925	40871.758	45919.488
30.047	31225.254	24.467	1.021			
1/21/2016 12:15:00 PM	261000.000	121.992	19.246	274.799	40893.172	45942.691
30.064	31241.033	24.454	1.021			
1/21/2016 12:30:00 PM	261900.000	121.916	19.246	274.627	40881.871	45929.910
30.055	31232.342	24.461	1.021			
1/21/2016 12:45:00 PM	262800.000	121.863	19.253	274.508	40889.625	45931.496
30.056	31233.420	24.456	1.021			
1/21/2016 1:00:00 PM	263700.000	121.802	19.256	274.370	40881.855	45919.242
30.047	31225.088	24.461	1.021			
1/21/2016 1:15:00 PM	264600.000	121.733	19.245	274.217	40890.438	45940.477
30.062	31239.525	24.456	1.021			
1/21/2016 1:30:00 PM	265500.000	121.692	19.248	274.123	40882.766	45928.859
30.054	31231.627	24.460	1.021			
1/21/2016 1:45:00 PM	266400.000	121.654	19.246	274.037	40899.680	45949.145
30.069	31245.418	24.450	1.021			
1/21/2016 2:00:00 PM	267300.000	121.608	19.253	273.934	40876.613	45917.223
30.046	31223.713	24.464	1.021			
1/21/2016 2:15:00 PM	268200.000	121.594	19.245	273.902	40889.645	45939.328
30.061	31238.744	24.456	1.021			

1/21/2016 2:30:00 PM	269100.000	121.553	19.246	273.811
40888.285	45937.027	30.060	31237.182	24.457
1.021				
1/21/2016 2:45:00 PM	270000.000	121.530	19.247	273.759
40875.816	45922.078	30.049	31227.014	24.464
1.021				
1/21/2016 3:00:00 PM	270900.000	121.523	19.246	273.743
40844.691	45888.223	30.024	31203.992	24.483
1.021				
1/21/2016 3:15:00 PM	271800.000	121.501	19.248	273.694
40879.355	45924.430	30.051	31228.615	24.462
1.021				
1/21/2016 3:30:00 PM	272700.000	121.496	19.254	273.681
40894.547	45936.422	30.060	31236.770	24.453
1.021				
1/21/2016 3:45:00 PM	273600.000	121.501	19.250	273.694
40915.129	45963.410	30.079	31255.121	24.441
1.021				
1/21/2016 4:00:00 PM	274500.000	121.530	19.248	273.759
40906.629	45954.965	30.073	31249.379	24.446
1.021				
1/21/2016 4:15:00 PM	275400.000	121.542	19.251	273.785
40886.484	45930.121	30.055	31232.484	24.458
1.021				
1/21/2016 4:30:00 PM	276300.000	121.568	19.253	273.844
40885.254	45926.758	30.053	31230.195	24.459
1.021				
1/21/2016 4:45:00 PM	277200.000	121.600	19.251	273.915
40917.031	45964.348	30.080	31255.758	24.440
1.021				
1/21/2016 5:00:00 PM	278100.000	121.635	19.252	273.996
40860.266	45899.199	30.033	31211.457	24.474
1.021				
1/21/2016 5:15:00 PM	279000.000	121.668	19.251	274.068
40916.246	45963.121	30.079	31254.924	24.440
1.021				
1/21/2016 5:30:00 PM	279900.000	121.722	19.257	274.191
40901.480	45940.691	30.063	31239.672	24.449
1.021				
1/21/2016 5:45:00 PM	280800.000	121.764	19.258	274.284
40908.371	45947.570	30.068	31244.348	24.445
1.021				
1/21/2016 6:00:00 PM	281700.000	121.820	19.248	274.412
40872.875	45917.309	30.046	31223.770	24.466
1.021				
1/21/2016 6:15:00 PM	282600.000	121.857	19.254	274.495
40929.453	45974.684	30.088	31262.787	24.432
1.021				
1/21/2016 6:30:00 PM	283500.000	121.888	19.252	274.565
40883.039	45925.383	30.052	31229.262	24.460
1.021				
1/21/2016 6:45:00 PM	284400.000	121.964	19.248	274.736
40907.195	45956.465	30.074	31250.398	24.446
1.021				
1/21/2016 7:00:00 PM	285300.000	122.008	19.246	274.835
40867.797	45914.180	30.043	31221.643	24.469

1.021
1/21/2016 7:15:00 PM 286200.000 122.064 19.252 274.960
40875.836 45916.781 30.045 31223.414 24.464
1.021
1/21/2016 7:30:00 PM 287100.000 122.107 19.253 275.059
40883.289 45924.461 30.051 31228.635 24.460
1.021
1/21/2016 7:45:00 PM 288000.000 122.143 19.252 275.139
40909.746 45955.219 30.073 31249.551 24.444
1.021
1/21/2016 8:00:00 PM 288900.000 122.179 19.254 275.220
40901.906 45944.688 30.066 31242.391 24.449
1.021
1/21/2016 8:15:00 PM 289800.000 122.209 19.249 275.287
40916.730 45965.555 30.081 31256.580 24.440
1.021
1/21/2016 8:30:00 PM 290700.000 122.247 19.250 275.373
40937.480 45988.004 30.097 31271.846 24.427
1.021
1/21/2016 8:45:00 PM 291600.000 122.285 19.251 275.458
40919.176 45966.320 30.081 31257.100 24.438
1.021
1/21/2016 9:00:00 PM 292500.000 122.298 19.252 275.487
40873.391 45914.289 30.043 31221.719 24.466
1.021
1/21/2016 9:15:00 PM 293400.000 122.294 19.254 275.480
40966.027 46015.945 30.118 31290.846 24.410
1.021
1/21/2016 9:30:00 PM 294300.000 122.313 19.249 275.521
40903.383 45950.813 30.070 31246.553 24.448
1.021
1/21/2016 9:45:00 PM 295200.000 122.345 19.248 275.594
40898.961 45946.457 30.067 31243.594 24.450
1.021
1/21/2016 10:00:00 PM 296100.000 122.351 19.247 275.607
40919.578 45971.070 30.085 31260.330 24.438
1.021
1/21/2016 10:15:00 PM 297000.000 122.311 19.244 275.516
40929.223 45984.316 30.094 31269.336 24.432
1.021
1/21/2016 10:30:00 PM 297900.000 122.342 19.261 275.587
40906.438 45942.137 30.064 31240.654 24.446
1.021
1/21/2016 10:45:00 PM 298800.000 122.331 19.254 275.563
40903.375 45946.082 30.067 31243.338 24.448
1.021
1/21/2016 11:00:00 PM 299700.000 122.295 19.242 275.483
40870.988 45921.551 30.048 31226.656 24.467
1.021
1/21/2016 11:15:00 PM 300600.000 122.301 19.250 275.495
40919.711 45967.953 30.083 31258.211 24.438
1.021
1/21/2016 11:30:00 PM 301500.000 122.264 19.258 275.412
40857.574 45890.773 30.027 31205.729 24.475
1.021
1/21/2016 11:45:00 PM 302400.000 122.238 19.256 275.353

40890.945	45929.539	30.055	31232.088	24.455	1.021	
1/22/2016 12:00:00 AM	303300.000	122.220	19.251	275.313	40899.797	45944.816
30.066	31242.475	24.450	1.021			
1/22/2016 12:15:00 AM	304200.000	122.264	19.244	275.412	40894.000	45945.336
30.066	31242.830	24.453	1.021			
1/22/2016 12:30:00 AM	305100.000	122.179	19.247	275.220	40863.203	45907.570
30.038	31217.150	24.472	1.021			
1/22/2016 12:45:00 AM	306000.000	122.169	19.251	275.197	40926.910	45975.102
30.088	31263.070	24.434	1.021			
1/22/2016 1:00:00 AM	306900.000	122.144	19.253	275.142	40931.563	45978.605
30.090	31265.453	24.431	1.021			
1/22/2016 1:15:00 AM	307800.000	122.114	19.251	275.074	40903.359	45948.816
30.069	31245.197	24.448	1.021			
1/22/2016 1:30:00 AM	308700.000	122.121	19.246	275.090	40900.094	45950.293
30.069	31246.201	24.450	1.021			
1/22/2016 1:45:00 AM	309600.000	122.087	19.238	275.012	40890.313	45947.031
30.067	31243.984	24.456	1.021			
1/22/2016 2:00:00 AM	310500.000	122.097	19.234	275.035	40883.980	45944.129
30.064	31242.010	24.459	1.021			
1/22/2016 2:15:00 AM	311400.000	122.042	19.246	274.913	40911.633	45962.574
30.078	31254.553	24.443	1.021			
1/22/2016 2:30:00 AM	312300.000	122.084	19.242	275.007	40895.309	45949.039
30.068	31245.350	24.453	1.021			
1/22/2016 2:45:00 AM	313200.000	122.073	19.240	274.981	40898.648	45954.516
30.072	31249.070	24.451	1.021			
1/22/2016 3:00:00 AM	314100.000	122.119	19.241	275.084	40868.648	45919.508
30.047	31225.268	24.469	1.021			
1/22/2016 3:15:00 AM	315000.000	122.162	19.251	275.181	40912.121	45958.488
30.076	31251.773	24.443	1.021			
1/22/2016 3:30:00 AM	315900.000	122.156	19.255	275.168	40906.023	45947.859
30.068	31244.547	24.446	1.021			
1/22/2016 3:45:00 AM	316800.000	122.125	19.249	275.100	40893.918	45940.180
30.062	31239.324	24.454	1.021			
1/22/2016 4:00:00 AM	317700.000	122.125	19.244	275.098	40869.695	45917.520
30.046	31223.916	24.468	1.021			
1/22/2016 4:15:00 AM	318600.000	122.207	19.238	275.282	40938.102	46001.074
30.106	31280.730	24.427	1.021			

1/22/2016 4:30:00 AM	319500.000	122.253	19.244	275.386
40914.090	45967.996	30.082	31258.240	24.441
1.021				
1/22/2016 4:45:00 AM	320400.000	122.295	19.242	275.483
40920.543	45977.477	30.089	31264.686	24.438
1.021				
1/22/2016 5:00:00 AM	321300.000	122.247	19.244	275.373
40862.242	45909.227	30.039	31218.275	24.472
1.021				
1/22/2016 5:15:00 AM	322200.000	122.376	19.247	275.664
40938.852	45992.293	30.100	31274.762	24.427
1.021				
1/22/2016 5:30:00 AM	323100.000	122.380	19.241	275.672
40870.945	45922.004	30.049	31226.965	24.467
1.021				
1/22/2016 5:45:00 AM	324000.000	122.436	19.249	275.800
40896.906	45943.539	30.065	31241.609	24.452
1.021				
1/22/2016 6:00:00 AM	324900.000	122.531	19.250	276.012
40876.590	45919.340	30.047	31225.152	24.464
1.021				
1/22/2016 6:15:00 AM	325800.000	122.504	19.260	275.953
40900.000	45936.465	30.060	31236.799	24.450
1.021				
1/22/2016 6:30:00 AM	326700.000	122.549	19.252	276.054
40887.547	45930.023	30.055	31232.418	24.457
1.021				
1/22/2016 6:45:00 AM	327600.000	122.597	19.248	276.163
40898.637	45946.852	30.067	31243.859	24.451
1.021				
1/22/2016 7:00:00 AM	328500.000	122.630	19.240	276.236
40857.504	45908.531	30.039	31217.803	24.475
1.021				
1/22/2016 7:15:00 AM	329400.000	122.721	19.239	276.442
40893.648	45949.582	30.069	31245.719	24.454
1.021				
1/22/2016 7:30:00 AM	330300.000	122.674	19.244	276.335
40916.699	45971.184	30.085	31260.406	24.440
1.021				
1/22/2016 7:45:00 AM	331200.000	122.784	19.239	276.584
40902.051	45959.117	30.076	31252.201	24.449
1.021				
1/22/2016 8:00:00 AM	332100.000	122.727	19.240	276.455
40908.609	45965.445	30.080	31256.506	24.445
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1/22/2016 8:15:00 AM	333000.000	122.795	19.239	276.608
40916.262	45975.594	30.088	31263.404	24.440
1.021				
1/22/2016 8:30:00 AM	333900.000	122.748	19.251	276.501
40930.953	45980.078	30.091	31266.455	24.431
1.021				
1/22/2016 8:45:00 AM	334800.000	122.772	19.250	276.555
40920.195	45968.680	30.083	31258.705	24.438
1.021				
1/22/2016 9:00:00 AM	335700.000	122.862	19.239	276.758
40866.008	45919.035	30.046	31224.945	24.470

1.021
1/22/2016 9:15:00 AM 336600.000 122.780 19.244 276.573
40892.250 45942.777 30.064 31241.090 24.455
1.021
1/22/2016 9:30:00 AM 337500.000 122.726 19.237 276.452
40866.738 45921.488 30.048 31226.613 24.470
1.021
1/22/2016 9:45:00 AM 338400.000 122.736 19.241 276.475
40924.195 45981.758 30.092 31267.598 24.435
1.021
1/22/2016 10:00:00 AM 339300.000 122.688 19.244 276.367
40874.953 45923.770 30.050 31228.164 24.465
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1/22/2016 10:15:00 AM 340200.000 122.676 19.244 276.340
40895.266 45946.328 30.067 31243.506 24.453
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1/22/2016 10:30:00 AM 341100.000 122.667 19.246 276.320
40904.586 45955.004 30.073 31249.402 24.447
1.021
1/22/2016 10:45:00 AM 342000.000 122.583 19.243 276.129
40905.156 45958.473 30.075 31251.762 24.447
1.021
1/22/2016 11:00:00 AM 342900.000 122.556 19.245 276.070
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1.021
1/22/2016 11:15:00 AM 343800.000 122.503 19.231 275.951
40910.484 45976.578 30.088 31264.076 24.444
1.021
1/22/2016 11:30:00 AM 344700.000 122.427 19.231 275.778
40857.414 45916.508 30.044 31223.229 24.475
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40892.477 45953.332 30.071 31248.266 24.454
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40868.313 45933.133 30.056 31234.533 24.469
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40873.203 45932.621 30.056 31234.184 24.466
1.021
1/22/2016 1:15:00 PM 351000.000 121.978 19.231 274.768
40876.176 45937.766 30.060 31237.682 24.464
1.021
1/22/2016 1:30:00 PM 351900.000 121.886 19.234 274.560
40913.773 45976.844 30.088 31264.256 24.442
1.021
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40843.965	45901.129	30.033	31212.770	24.483
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1/22/2016 2:15:00 PM	354600.000	121.773	19.230	274.305
40854.664	45915.133	30.043	31222.291	24.477
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1/22/2016 2:30:00 PM	355500.000	121.718	19.225	274.181
40873.461	45940.633	30.061	31239.631	24.466
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1/22/2016 2:45:00 PM	356400.000	121.632	19.224	273.988
40846.707	45911.859	30.040	31220.066	24.482
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40847.535	45907.039	30.037	31216.789	24.481
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40823.645	45883.613	30.020	31200.859	24.496
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1/22/2016 3:45:00 PM	360000.000	121.616	19.227	273.951
40855.598	45918.414	30.045	31224.523	24.476
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1/22/2016 4:00:00 PM	360900.000	121.660	19.229	274.050
40828.703	45886.375	30.022	31202.736	24.493
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1/22/2016 4:15:00 PM	361800.000	121.538	19.222	273.777
40851.594	45918.809	30.045	31224.793	24.479
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40825.828	45887.609	30.023	31203.574	24.494
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40814.762	45873.543	30.013	31194.012	24.501
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1/22/2016 5:00:00 PM	364500.000	121.585	19.226	273.881
40743.152	45793.832	29.955	31139.809	24.544
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1/22/2016 5:30:00 PM	366300.000	121.665	19.229	274.063
40801.715	45856.395	30.000	31182.348	24.509
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1/22/2016 5:45:00 PM	367200.000	121.691	19.233	274.120
40787.879	45836.813	29.986	31169.035	24.517
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1/22/2016 6:00:00 PM	368100.000	121.756	19.228	274.268
40776.145	45828.508	29.980	31163.385	24.524
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40805.641	45862.781	30.005	31186.693	24.506
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40778.906	45832.559	29.983	31166.141	24.522
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1/22/2016 7:00:00 PM	371700.000	122.000	19.227	274.817
40722.055	45768.840	29.936	31122.813	24.557
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1/22/2016 7:15:00 PM	372600.000	121.989	19.233	274.791
40775.375	45823.191	29.976	31159.771	24.525
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1/22/2016 7:30:00 PM	373500.000	122.018	19.231	274.858
40765.543	45813.430	29.969	31153.133	24.531
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40763.473	45813.414	29.969	31153.121	24.532
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40749.098	45804.117	29.962	31146.803	24.540
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40789.145	45846.723	29.993	31175.773	24.516
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1/22/2016 8:30:00 PM	377100.000	122.246	19.226	275.371
40785.875	45841.418	29.989	31172.164	24.518
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40758.809	45810.742	29.967	31151.307	24.535
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40738.949	45782.691	29.947	31132.232	24.547
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40736.996	45784.172	29.948	31133.238	24.548
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40745.234	45795.313	29.956	31140.814	24.543
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40739.738	45786.906	29.950	31135.098	24.546
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40772.723	45823.723	29.976	31160.131	24.526
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40789.637	45836.059	29.986	31168.521	24.516
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40752.387	45800.188	29.959	31144.129	24.538
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40742.234	45795.113	29.955	31140.678	24.545
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1/22/2016 11:15:00 PM 387000.000 122.428 19.228 275.781
40726.465 45772.254 29.939 31125.133 24.554
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40743.980 45792.109 29.953 31138.635 24.544
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40778.164 45825.215 29.978 31161.148 24.523
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40772.977 45819.988 29.974 31157.594 24.526
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40766.680 45821.906 29.975 31158.896 24.530
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1/23/2016 12:30:00 AM 391500.000 122.290 19.218 275.469
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1.021
1/23/2016 12:45:00 AM 392400.000 122.285 19.217 275.458
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40712.789 45760.473 29.930 31117.123 24.562
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40739.016 45796.031 29.956 31141.303 24.546
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40729.195 45783.973 29.947 31133.102 24.552
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1/23/2016 3:15:00 AM 401400.000 122.091 19.223 275.022
40735.688 45787.496 29.950 31135.500 24.549
1.021
1/23/2016 3:30:00 AM 402300.000 122.087 19.223 275.012
40752.602 45807.109 29.964 31148.836 24.538
1.021
1/23/2016 3:45:00 AM 403200.000 122.147 19.215 275.147

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40718.137	45776.246	29.941	31127.850	24.559
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1/23/2016 4:15:00 AM	405000.000	122.111	19.216	275.067
40720.789	45777.773	29.942	31128.889	24.557
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40761.090	45807.574	29.965	31149.152	24.533
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1/23/2016 5:00:00 AM	407700.000	122.166	19.221	275.191
40787.066	45847.480	29.993	31176.289	24.518
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1/23/2016 5:15:00 AM	408600.000	122.200	19.216	275.267
40729.629	45788.301	29.950	31136.045	24.552
1.021				
1/23/2016 5:30:00 AM	409500.000	122.240	19.209	275.357
40664.090	45721.379	29.901	31090.537	24.592
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1/23/2016 5:45:00 AM	410400.000	122.279	19.227	275.446
40751.051	45801.773	29.960	31145.209	24.539
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1/23/2016 6:00:00 AM	411300.000	122.319	19.229	275.537
40737.230	45783.406	29.947	31132.719	24.548
1.021				
1/23/2016 6:15:00 AM	412200.000	122.383	19.217	275.680
40717.676	45774.008	29.940	31126.328	24.559
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1/23/2016 6:30:00 AM	413100.000	122.416	19.212	275.753
40726.289	45788.145	29.950	31135.941	24.554
1.021				
1/23/2016 6:45:00 AM	414000.000	122.471	19.208	275.877
40711.188	45774.676	29.940	31126.781	24.563
1.021				
1/23/2016 7:00:00 AM	414900.000	122.471	19.209	275.877
40721.559	45785.664	29.948	31134.252	24.557
1.021				
1/23/2016 7:15:00 AM	415800.000	122.520	19.216	275.989
40745.973	45806.168	29.963	31148.197	24.542
1.021				
1/23/2016 7:30:00 AM	416700.000	122.597	19.217	276.161
40729.215	45786.297	29.949	31134.684	24.552
1.021				
1/23/2016 7:45:00 AM	417600.000	122.594	19.221	276.155
40725.859	45779.180	29.944	31129.842	24.554
1.021				
1/23/2016 8:00:00 AM	418500.000	122.620	19.215	276.213
40730.188	45789.367	29.951	31136.770	24.552
1.021				
1/23/2016 8:15:00 AM	419400.000	122.725	19.221	276.449
40734.984	45789.273	29.951	31136.709	24.549
1.021				

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40757.313	45809.914	29.966	31150.744	24.535
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40758.313	45804.789	29.963	31147.258	24.535
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40732.461	45777.535	29.943	31128.727	24.550
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40690.129	45735.684	29.912	31100.268	24.576
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40745.449	45807.293	29.964	31148.961	24.543
1.021				
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40732.004	45793.027	29.953	31139.262	24.551
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40738.012	45794.484	29.955	31140.252	24.547
1.021				
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40707.469	45768.098	29.935	31122.309	24.566
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40691.301	45752.664	29.924	31111.814	24.575
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1.021				
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1/23/2016 1:15:00 PM 437400.000 122.129 19.220 275.108
40720.367 45773.867 29.940 31126.232 24.558
1.021
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40712.941 45770.574 29.937 31123.990 24.562
1.021
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40735.879 45786.344 29.949 31134.717 24.548
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40703.703 45757.438 29.928 31115.061 24.568
1.021
1/23/2016 2:15:00 PM 441000.000 121.888 19.203 274.565
40719.070 45789.289 29.950 31136.719 24.559
1.021
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40714.188 45778.816 29.943 31129.598 24.561
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1.021				
1/23/2016 6:15:00 PM	455400.000	121.668	19.213	274.068
40728.898	45790.223	29.951	31137.354	24.553
1.021				
1/23/2016 6:30:00 PM	456300.000	121.706	19.224	274.154
40730.363	45781.168	29.945	31131.197	24.552
1.021				
1/23/2016 6:45:00 PM	457200.000	121.698	19.214	274.136
40749.762	45813.070	29.968	31152.889	24.540
1.021				
1/23/2016 7:00:00 PM	458100.000	121.756	19.195	274.268
40718.234	45795.707	29.954	31141.082	24.559
1.021				
1/23/2016 7:15:00 PM	459000.000	121.848	19.193	274.474
40702.535	45780.281	29.943	31130.592	24.568
1.021				
1/23/2016 7:30:00 PM	459900.000	121.836	19.204	274.448
40729.336	45799.531	29.958	31143.682	24.552
1.021				
1/23/2016 7:45:00 PM	460800.000	121.900	19.205	274.591
40726.809	45795.918	29.955	31141.227	24.554
1.021				
1/23/2016 8:00:00 PM	461700.000	121.957	19.207	274.720
40736.316	45804.305	29.961	31146.930	24.548
1.021				
1/23/2016 8:15:00 PM	462600.000	121.966	19.200	274.740
40725.016	45798.277	29.957	31142.830	24.555
1.021				
1/23/2016 8:30:00 PM	463500.000	122.079	19.212	274.994
40752.313	45817.488	29.971	31155.893	24.538
1.021				
1/23/2016 8:45:00 PM	464400.000	122.088	19.225	275.014
40752.523	45804.879	29.963	31147.320	24.538
1.021				
1/23/2016 9:00:00 PM	465300.000	122.134	19.226	275.118
40719.563	45767.230	29.935	31121.717	24.558
1.021				
1/23/2016 9:15:00 PM	466200.000	122.216	19.229	275.303
40741.504	45788.727	29.951	31136.336	24.545
1.021				
1/23/2016 9:30:00 PM	467100.000	122.208	19.224	275.284
40760.492	45814.516	29.970	31153.873	24.534
1.021				
1/23/2016 9:45:00 PM	468000.000	122.272	19.236	275.430
40772.523	45816.902	29.972	31155.494	24.526
1.021				
1/23/2016 10:00:00 PM	468900.000	122.323	19.233	275.545
40770.426	45816.941	29.972	31155.521	24.528
1.021				
1/23/2016 10:15:00 PM	469800.000	122.308	19.232	275.511
40737.559	45781.285	29.946	31131.275	24.547
1.021				

1/23/2016 10:30:00 PM	470700.000	122.369	19.219	275.649
40750.629	45809.008	29.965	31150.127	24.539
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1/23/2016 10:45:00 PM	471600.000	122.343	19.217	275.589
40751.438	45812.047	29.967	31152.193	24.539
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1/23/2016 11:00:00 PM	472500.000	122.386	19.207	275.685
40755.492	45825.785	29.977	31161.537	24.537
1.021				
1/23/2016 11:15:00 PM	473400.000	122.351	19.205	275.608
40739.160	45809.297	29.965	31150.324	24.546
1.021				
1/23/2016 11:30:00 PM	474300.000	122.373	19.199	275.657
40749.422	45827.016	29.977	31162.373	24.540
1.021				
1/23/2016 11:45:00 PM	475200.000	122.368	19.199	275.646
40749.859	45827.070	29.978	31162.408	24.540
1.021				
1/24/2016 12:00:00 AM	476100.000	122.329	19.204	275.559
40735.605	45806.938	29.963	31148.721	24.549
1.021				
1/24/2016 12:15:00 AM	477000.000	122.372	19.204	275.654
40719.203	45787.801	29.949	31135.705	24.558
1.021				
1/24/2016 12:30:00 AM	477900.000	122.321	19.207	275.540
40779.070	45852.461	29.996	31179.676	24.522
1.021				
1/24/2016 12:45:00 AM	478800.000	122.300	19.201	275.493
40729.848	45802.773	29.960	31145.887	24.552
1.021				
1/24/2016 1:00:00 AM	479700.000	122.280	19.195	275.447
40743.160	45823.742	29.975	31160.146	24.544
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1/24/2016 1:15:00 AM	480600.000	122.238	19.198	275.354
40734.539	45811.473	29.966	31151.803	24.549
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1/24/2016 1:30:00 AM	481500.000	122.244	19.199	275.366
40763.570	45842.836	29.989	31173.131	24.532
1.021				
1/24/2016 1:45:00 AM	482400.000	122.206	19.195	275.281
40724.332	45802.648	29.960	31145.801	24.555
1.021				
1/24/2016 2:00:00 AM	483300.000	122.188	19.192	275.241
40726.754	45808.551	29.964	31149.816	24.554
1.021				
1/24/2016 2:15:00 AM	484200.000	122.171	19.193	275.202
40737.059	45819.449	29.972	31157.229	24.548
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1/24/2016 2:30:00 AM	485100.000	122.115	19.193	275.075
40736.512	45818.063	29.971	31156.285	24.548
1.021				
1/24/2016 2:45:00 AM	486000.000	122.151	19.200	275.158
40728.523	45802.988	29.960	31146.035	24.553
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1/24/2016 3:00:00 AM	486900.000	122.077	19.196	274.989
40768.449	45850.895	29.995	31178.611	24.529

1.021
1/24/2016 3:15:00 AM 487800.000 122.054 19.193 274.939
40731.258 45812.672 29.967 31152.619 24.551
1.021
1/24/2016 3:30:00 AM 488700.000 122.026 19.196 274.875
40748.844 45829.535 29.979 31164.086 24.541
1.021
1/24/2016 3:45:00 AM 489600.000 122.041 19.202 274.909
40769.180 45845.797 29.991 31175.145 24.528
1.021
1/24/2016 4:00:00 AM 490500.000 122.046 19.213 274.921
40768.324 45834.031 29.983 31167.143 24.529
1.021
1/24/2016 4:15:00 AM 491400.000 122.026 19.221 274.876
40764.285 45822.375 29.975 31159.217 24.531
1.021
1/24/2016 4:30:00 AM 492300.000 122.073 19.219 274.981
40744.227 45801.719 29.960 31145.172 24.543
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1/24/2016 4:45:00 AM 493200.000 122.065 19.229 274.963
40799.102 45853.625 29.998 31180.465 24.510
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1/24/2016 5:00:00 AM 494100.000 122.046 19.223 274.921
40772.102 45828.504 29.980 31163.383 24.527
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1/24/2016 5:15:00 AM 495000.000 122.083 19.223 275.004
40784.660 45842.621 29.990 31172.982 24.519
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1/24/2016 5:30:00 AM 495900.000 122.104 19.218 275.051
40768.012 45829.484 29.980 31164.051 24.529
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1/24/2016 6:00:00 AM 497700.000 122.130 19.217 275.111
40806.813 45873.875 30.012 31194.236 24.506
1.021
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1/24/2016 7:00:00 AM 501300.000 122.276 19.206 275.439
40758.793 45830.863 29.981 31164.990 24.535
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1/24/2016 7:15:00 AM 502200.000 122.321 19.216 275.539
40761.711 45824.457 29.976 31160.633 24.533
1.021
1/24/2016 7:30:00 AM 503100.000 122.376 19.221 275.664
40787.848 45848.859 29.994 31177.227 24.517
1.021
1/24/2016 7:45:00 AM 504000.000 122.407 19.231 275.735

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1.021				
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40756.301	45812.461	29.968	31152.475	24.536
1.021				
1/24/2016 8:15:00 AM	505800.000	122.479	19.234	275.895
40785.398	45832.582	29.983	31166.158	24.519
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1/24/2016 8:30:00 AM	506700.000	122.536	19.234	276.025
40777.906	45825.016	29.978	31161.012	24.523
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1/24/2016 8:45:00 AM	507600.000	122.578	19.224	276.119
40807.148	45867.477	30.008	31189.887	24.506
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1/24/2016 9:00:00 AM	508500.000	122.632	19.221	276.242
40784.168	45844.297	29.991	31174.123	24.519
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1/24/2016 9:15:00 AM	509400.000	122.615	19.212	276.202
40788.258	45858.246	30.001	31183.609	24.517
1.021				
1/24/2016 9:30:00 AM	510300.000	122.635	19.218	276.246
40787.688	45851.094	29.996	31178.746	24.517
1.021				
1/24/2016 9:45:00 AM	511200.000	122.641	19.211	276.262
40777.684	45846.875	29.993	31175.877	24.523
1.021				
1/24/2016 10:00:00 AM	512100.000	122.657	19.200	276.296
40761.188	45838.875	29.986	31170.438	24.533
1.021				
1/24/2016 10:15:00 AM	513000.000	122.674	19.201	276.335
40747.527	45823.340	29.975	31159.871	24.541
1.021				
1/24/2016 10:30:00 AM	513900.000	122.664	19.210	276.314
40775.750	45845.648	29.992	31175.043	24.524
1.021				
1/24/2016 10:45:00 AM	514800.000	122.655	19.214	276.293
40801.922	45870.875	30.010	31192.195	24.509
1.021				
1/24/2016 11:00:00 AM	515700.000	122.641	19.221	276.262
40769.426	45827.988	29.979	31163.035	24.528
1.021				
1/24/2016 11:15:00 AM	516600.000	122.629	19.222	276.233
40780.723	45839.574	29.988	31170.912	24.521
1.021				
1/24/2016 11:30:00 AM	517500.000	122.623	19.223	276.221
40804.992	45865.398	30.007	31188.473	24.507
1.021				
1/24/2016 11:45:00 AM	518400.000	122.543	19.214	276.039
40776.875	45843.473	29.990	31173.564	24.524
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1/24/2016 12:00:00 PM	519300.000	122.537	19.214	276.028
40761.449	45825.629	29.977	31161.428	24.533
1.021				
1/24/2016 12:15:00 PM	520200.000	122.472	19.227	275.879
40808.227	45865.512	30.007	31188.551	24.505
1.021				

1/24/2016 12:30:00 PM	521100.000	122.419	19.217	275.761
40812.035	45879.746	30.017	31198.230	24.503
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40795.055	45860.238	30.003	31184.965	24.513
1.021				
1/24/2016 1:00:00 PM	522900.000	122.327	19.210	275.553
40795.422	45867.848	30.008	31190.139	24.513
1.021				
1/24/2016 1:15:00 PM	523800.000	122.249	19.215	275.377
40796.512	45864.445	30.005	31187.824	24.512
1.021				
1/24/2016 1:30:00 PM	524700.000	122.202	19.212	275.272
40811.508	45883.703	30.019	31200.920	24.503
1.021				
1/24/2016 1:45:00 PM	525600.000	122.132	19.210	275.113
40762.926	45831.051	29.981	31165.117	24.532
1.021				
1/24/2016 2:00:00 PM	526500.000	122.026	19.205	274.875
40787.680	45863.766	30.005	31187.363	24.517
1.021				
1/24/2016 2:15:00 PM	527400.000	121.973	19.190	274.756
40754.012	45841.004	29.987	31171.885	24.537
1.021				
1/24/2016 2:30:00 PM	528300.000	121.918	19.194	274.633
40790.160	45877.289	30.014	31196.559	24.516
1.021				
1/24/2016 2:45:00 PM	529200.000	121.889	19.198	274.568
40772.008	45853.438	29.997	31180.340	24.527
1.021				
1/24/2016 3:00:00 PM	530100.000	121.796	19.197	274.358
40766.402	45847.816	29.993	31176.518	24.530
1.021				
1/24/2016 3:15:00 PM	531000.000	121.745	19.189	274.243
40795.844	45888.742	30.022	31204.348	24.512
1.021				
1/24/2016 3:30:00 PM	531900.000	121.696	19.191	274.132
40770.309	45858.563	30.000	31183.824	24.528
1.021				
1/24/2016 3:45:00 PM	532800.000	121.655	19.201	274.041
40742.809	45817.348	29.971	31155.799	24.544
1.021				
1/24/2016 4:00:00 PM	533700.000	121.627	19.191	273.976
40757.266	45843.379	29.989	31173.500	24.536
1.021				
1/24/2016 4:15:00 PM	534600.000	121.588	19.195	273.890
40758.594	45841.531	29.988	31172.242	24.535
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1/24/2016 4:30:00 PM	535500.000	121.566	19.199	273.838
40760.023	45839.105	29.986	31170.594	24.534
1.021				
1/24/2016 4:45:00 PM	536400.000	121.569	19.199	273.847
40770.859	45851.035	29.995	31178.707	24.527
1.021				
1/24/2016 5:00:00 PM	537300.000	121.557	19.200	273.819
40761.734	45840.336	29.987	31171.430	24.533

1.021
1/24/2016 5:15:00 PM 538200.000 121.522 19.195 273.740
40771.438 45855.895 29.998 31182.008 24.527
1.021
1/24/2016 5:30:00 PM 539100.000 121.538 19.190 273.777
40790.668 45882.238 30.017 31199.922 24.515
1.021
1/24/2016 5:45:00 PM 540000.000 121.510 19.184 273.713
40755.039 45847.738 29.992 31176.465 24.537
1.021
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40740.633 45829.824 29.979 31164.281 24.546
1.021
1/24/2016 6:15:00 PM 541800.000 121.548 19.182 273.799
40766.211 45863.047 30.003 31186.875 24.530
1.021
1/24/2016 6:30:00 PM 542700.000 121.545 19.195 273.791
40779.996 45865.773 30.006 31188.729 24.522
1.021
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40761.551 45842.793 29.989 31173.102 24.533
1.021
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40776.422 45862.184 30.003 31186.287 24.524
1.021
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40767.773 45862.918 30.003 31186.787 24.529
1.021
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40750.297 45850.203 29.993 31178.141 24.540
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40740.297 45832.961 29.981 31166.416 24.546
1.021
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40766.676 45859.965 30.001 31184.777 24.530
1.021
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40729.070 45817.066 29.970 31155.607 24.552
1.021
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40773.340 45869.781 30.008 31191.451 24.526
1.021
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1.021
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40741.426 45844.434 29.989 31174.217 24.545
1.021
1/24/2016 9:15:00 PM 552600.000 122.083 19.177 275.004
40737.395 45834.836 29.982 31167.689 24.547
1.021
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40771.086 45868.789 30.007 31190.779 24.527
1.021
1/24/2016 9:45:00 PM 554400.000 122.139 19.176 275.130

40761.801	45863.410	30.003	31187.121	24.533		
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40743.430	45851.152	29.994	31178.785	24.544		
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1/24/2016 10:30:00 PM	557100.000	122.251	19.167	275.382		
40779.371	45892.633	30.024	31206.990	24.522		
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40772.398	45886.242	30.019	31202.646	24.526		
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40779.047	45891.746	30.023	31206.389	24.522		
1.021						
1/24/2016 11:15:00 PM	559800.000	122.334	19.172	275.569		
40766.793	45873.406	30.010	31193.918	24.530		
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1/24/2016 11:30:00 PM	560700.000	122.323	19.165	275.545		
40748.199	45859.438	30.000	31184.420	24.541		
1.021						
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40731.531	45839.566	29.985	31170.908	24.551		
1.021						
1/25/2016 12:00:00 AM	562500.000	122.344	19.168	275.593		
40755.508	45864.574	30.003	31187.912	24.537		
1.021						
1/25/2016 12:15:00 AM	563400.000	122.333	19.165	275.566		
40743.734	45854.410	29.996	31181.002	24.544		
1.021						
1/25/2016 12:30:00 AM	564300.000	122.333	19.167	275.566		
40788.461	45902.688	30.031	31213.828	24.517		
1.021						
1/25/2016 12:45:00 AM	565200.000	122.335	19.164	275.572		
40754.512	45867.492	30.005	31189.896	24.537		
1.021						
1/25/2016 1:00:00 AM	566100.000	122.294	19.162	275.480		
40730.211	45841.855	29.987	31172.465	24.552		
1.021						
1/25/2016 1:15:00 AM	567000.000	122.282	19.160	275.452		
40754.246	45870.703	30.008	31192.080	24.537		
1.021						
1/25/2016 1:30:00 AM	567900.000	122.253	19.161	275.387		
40750.395	45865.430	30.004	31188.494	24.540		
1.021						
1/25/2016 1:45:00 AM	568800.000	122.271	19.163	275.428		
40760.648	45875.262	30.011	31195.180	24.533		
1.021						
1/25/2016 2:00:00 AM	569700.000	122.245	19.170	275.368		
40770.805	45879.898	30.015	31198.334	24.527		
1.021						
1/25/2016 2:15:00 AM	570600.000	122.201	19.180	275.269		
40761.750	45859.488	30.000	31184.453	24.533		
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1/25/2016 2:30:00 AM	571500.000	122.169	19.184	275.197
40776.672	45872.328	30.010	31193.186	24.524
1.021				
1/25/2016 2:45:00 AM	572400.000	122.126	19.189	275.101
40799.676	45893.145	30.025	31207.340	24.510
1.021				
1/25/2016 3:00:00 AM	573300.000	122.143	19.190	275.139
40825.953	45922.438	30.047	31227.258	24.494
1.021				
1/25/2016 3:15:00 AM	574200.000	122.106	19.187	275.056
40797.539	45893.059	30.025	31207.281	24.511
1.021				
1/25/2016 3:30:00 AM	575100.000	122.059	19.188	274.951
40779.691	45871.859	30.010	31192.867	24.522
1.021				
1/25/2016 3:45:00 AM	576000.000	122.067	19.188	274.967
40798.004	45892.715	30.025	31207.049	24.511
1.021				
1/25/2016 4:00:00 AM	576900.000	122.035	19.188	274.897
40810.023	45905.813	30.034	31215.953	24.504
1.021				
1/25/2016 4:15:00 AM	577800.000	122.032	19.187	274.889
40812.922	45909.941	30.037	31218.762	24.502
1.021				
1/25/2016 4:30:00 AM	578700.000	121.998	19.189	274.813
40767.203	45856.879	29.999	31182.680	24.530
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1/25/2016 4:45:00 AM	579600.000	122.026	19.189	274.876
40778.156	45869.531	30.008	31191.283	24.523
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1/25/2016 5:00:00 AM	580500.000	121.996	19.190	274.807
40789.109	45880.922	30.016	31199.027	24.516
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1/25/2016 5:15:00 AM	581400.000	121.994	19.190	274.804
40792.258	45883.934	30.019	31201.076	24.514
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1/25/2016 5:30:00 AM	582300.000	122.029	19.192	274.882
40807.891	45899.813	30.030	31211.873	24.505
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1/25/2016 5:45:00 AM	583200.000	122.013	19.199	274.846
40783.539	45865.641	30.006	31188.639	24.520
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1/25/2016 6:00:00 AM	584100.000	122.057	19.212	274.944
40870.129	45949.945	30.068	31245.965	24.468
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1/25/2016 6:15:00 AM	585000.000	122.073	19.216	274.981
40848.742	45922.297	30.048	31227.164	24.481
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1/25/2016 6:30:00 AM	585900.000	122.093	19.217	275.025
40852.242	45924.859	30.050	31228.906	24.478
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1/25/2016 6:45:00 AM	586800.000	122.115	19.217	275.075
40840.930	45912.230	30.040	31220.318	24.485
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1/25/2016 7:00:00 AM	587700.000	122.170	19.217	275.199
40840.520	45911.680	30.040	31219.943	24.485

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1/25/2016 7:15:00 AM 588600.000 122.171 19.217 275.203
40847.184 45919.508 30.046 31225.268 24.481
1.021
1/25/2016 7:30:00 AM 589500.000 122.222 19.216 275.316
40842.129 45914.684 30.042 31221.986 24.485
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1/25/2016 7:45:00 AM 590400.000 122.249 19.223 275.379
40848.898 45915.270 30.043 31222.383 24.480
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1/25/2016 8:00:00 AM 591300.000 122.294 19.251 275.480
40888.648 45932.715 30.057 31234.248 24.457
1.021
1/25/2016 8:15:00 AM 592200.000 122.341 19.267 275.584
40923.082 45954.910 30.074 31249.342 24.436
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1/25/2016 8:30:00 AM 593100.000 122.373 19.269 275.657
40936.273 45968.262 30.084 31258.420 24.428
1.021
1/25/2016 8:45:00 AM 594000.000 122.425 19.269 275.773
40945.633 45978.340 30.091 31265.271 24.423
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1/25/2016 9:00:00 AM 594900.000 122.484 19.269 275.906
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1/25/2016 11:00:00 AM 602100.000 122.597 19.250 276.161
40940.379 45990.910 30.099 31273.818 24.426
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1/25/2016 11:15:00 AM 603000.000 122.592 19.250 276.151
40912.656 45960.367 30.077 31253.051 24.442
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1/25/2016 11:30:00 AM 603900.000 122.585 19.251 276.135
40921.902 45969.301 30.084 31259.127 24.437
1.021
1/25/2016 11:45:00 AM 604800.000 122.554 19.252 276.064

40956.926	46007.516	30.112	31285.113	24.416
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1/25/2016 12:00:00 PM	605700.000	122.550	19.250	276.056
40934.836	45985.125	30.095	31269.887	24.429
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1/25/2016 12:15:00 PM	606600.000	122.493	19.247	275.926
40941.563	45995.859	30.103	31277.188	24.425
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1/25/2016 12:30:00 PM	607500.000	122.470	19.249	275.875
40946.914	45999.883	30.106	31279.920	24.422
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1/25/2016 12:45:00 PM	608400.000	122.426	19.247	275.776
40943.141	45997.031	30.104	31277.984	24.424
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1/25/2016 1:00:00 PM	609300.000	122.405	19.245	275.729
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1/25/2016 1:15:00 PM	610200.000	122.346	19.246	275.597
40929.520	45983.016	30.093	31268.453	24.432
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40912.961	45964.922	30.080	31256.146	24.442
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1/25/2016 1:45:00 PM	612000.000	122.251	19.246	275.383
40968.535	46027.359	30.126	31298.607	24.409
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1/25/2016 2:00:00 PM	612900.000	122.186	19.243	275.236
40969.227	46030.293	30.128	31300.602	24.409
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40939.875	45999.980	30.105	31279.988	24.426
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40972.324	46034.625	30.131	31303.547	24.407
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1/25/2016 2:45:00 PM	615600.000	121.987	19.243	274.787
40948.898	46007.965	30.111	31285.418	24.421
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1/25/2016 3:00:00 PM	616500.000	121.959	19.241	274.726
40946.598	46007.445	30.111	31285.064	24.422
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1/25/2016 3:15:00 PM	617400.000	121.892	19.242	274.573
40944.020	46003.605	30.108	31282.453	24.424
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1/25/2016 3:30:00 PM	618300.000	121.857	19.239	274.495
40951.105	46013.969	30.116	31289.502	24.419
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1/25/2016 3:45:00 PM	619200.000	121.813	19.241	274.396
40938.270	45998.344	30.104	31278.877	24.427
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1/25/2016 4:00:00 PM	620100.000	121.760	19.244	274.276
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1/25/2016 4:15:00 PM	621000.000	121.714	19.244	274.173
40962.457	46022.340	30.122	31295.193	24.413
1.021				

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40939.531	45996.063	30.103	31277.324	24.426
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40922.824	45976.863	30.089	31264.270	24.436
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1/25/2016 5:00:00 PM	623700.000	121.614	19.240	273.948
40951.832	46013.922	30.116	31289.469	24.419
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1/25/2016 5:15:00 PM	624600.000	121.582	19.244	273.876
40911.984	45965.797	30.081	31256.744	24.443
1.021				
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40921.789	45979.570	30.091	31266.109	24.437
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40969.395	46027.723	30.126	31298.854	24.408
1.021				
1/25/2016 6:00:00 PM	627300.000	121.551	19.245	273.805
40952.637	46009.918	30.113	31286.744	24.418
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1/25/2016 6:15:00 PM	628200.000	121.544	19.244	273.790
40974.566	46036.035	30.132	31304.506	24.405
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40952.641	46009.586	30.113	31286.521	24.418
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40949.898	46006.594	30.111	31284.486	24.420
1.021				
1/25/2016 7:15:00 PM	631800.000	121.617	19.250	273.954
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40940.574	45993.281	30.101	31275.432	24.426
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40914.039	45964.766	30.080	31256.043	24.441
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1/25/2016 8:00:00 PM	634500.000	121.726	19.247	274.201
40953.082	46008.363	30.112	31285.688	24.418
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1/25/2016 8:15:00 PM	635400.000	121.761	19.250	274.279
40959.141	46011.984	30.115	31288.152	24.415
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40943.461	46000.652	30.106	31280.445	24.424
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40956.793	46006.516	30.111	31284.434	24.416

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1/25/2016 9:15:00 PM 639000.000 121.945 19.249 274.692
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1.021
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40947.805 46008.445 30.112 31285.744 24.421
1.021
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40957.566 46010.734 30.114 31287.301 24.416
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1/26/2016 1:15:00 AM 653400.000 122.319 19.237 275.537
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1/26/2016 1:45:00 AM 655200.000 122.296 19.237 275.485

40957.191	46023.301	30.122	31295.848	24.416		
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40941.289	46012.055	30.114	31288.199	24.425		
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40982.703	46058.949	30.148	31320.088	24.401		
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1/26/2016 3:00:00 AM	659700.000	122.182	19.226	275.228		
40985.117	46065.191	30.152	31324.332	24.399		
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1/26/2016 3:15:00 AM	660600.000	122.157	19.223	275.171		
40968.609	46050.250	30.141	31314.170	24.409		
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1/26/2016 3:30:00 AM	661500.000	122.109	19.221	275.061		
40958.773	46041.176	30.135	31308.000	24.415		
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1/26/2016 3:45:00 AM	662400.000	122.090	19.226	275.020		
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40968.078	46044.656	30.137	31310.369	24.409		
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1/26/2016 4:30:00 AM	665100.000	122.029	19.240	274.882		
40983.719	46050.012	30.142	31314.008	24.400		
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1/26/2016 4:45:00 AM	666000.000	122.001	19.235	274.819		
40985.004	46056.805	30.147	31318.629	24.399		
1.021						
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40944.996	46020.609	30.120	31294.018	24.423		
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40969.020	46045.031	30.138	31310.623	24.409		
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1/26/2016 5:30:00 AM	668700.000	121.976	19.221	274.762		
40933.559	46012.652	30.114	31288.605	24.430		
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40982.816	46067.344	30.154	31325.797	24.400		
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1/26/2016 6:15:00 AM	671400.000	121.977	19.220	274.765		
40971.961	46056.258	30.146	31318.258	24.407		
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40915.172	45989.578	30.097	31272.914	24.441
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40958.438	46034.602	30.130	31303.531	24.415
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40957.871	46030.512	30.127	31300.748	24.415
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40928.207	46001.227	30.106	31280.836	24.433
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40947.074	46024.066	30.122	31296.367	24.422
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40972.387	46052.074	30.143	31315.412	24.407
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40939.469	46014.230	30.115	31289.678	24.426
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1.021
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40956.438 46028.480 30.126 31299.367 24.416
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40962.004 46054.797 30.144 31317.262 24.413
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40956.012 46052.539 30.142 31315.727 24.416
1.021
1/26/2016 3:45:00 PM 705600.000 121.913 19.202 274.622

40969.211	46071.180	30.156	31328.404	24.409
1.021				
1/26/2016 4:00:00 PM	706500.000	121.880	19.210	274.547
40971.238	46065.863	30.152	31324.789	24.407
1.021				
1/26/2016 4:15:00 PM	707400.000	121.814	19.206	274.398
40947.824	46043.246	30.135	31309.410	24.421
1.021				
1/26/2016 4:30:00 PM	708300.000	121.771	19.214	274.302
40940.984	46027.285	30.124	31298.555	24.425
1.021				
1/26/2016 4:45:00 PM	709200.000	121.755	19.215	274.266
40952.844	46039.934	30.133	31307.156	24.418
1.021				
1/26/2016 5:00:00 PM	710100.000	121.691	19.218	274.120
40923.168	46003.309	30.107	31282.252	24.436
1.021				
1/26/2016 5:15:00 PM	711000.000	121.666	19.223	274.066
40942.250	46020.016	30.119	31293.613	24.425
1.021				
1/26/2016 5:30:00 PM	711900.000	121.654	19.229	274.037
40933.414	46004.578	30.108	31283.115	24.430
1.021				
1/26/2016 5:45:00 PM	712800.000	121.629	19.216	273.980
40931.598	46015.262	30.115	31290.381	24.431
1.021				
1/26/2016 6:00:00 PM	713700.000	121.625	19.217	273.972
40924.457	46006.211	30.109	31284.225	24.435
1.021				
1/26/2016 6:15:00 PM	714600.000	121.612	19.217	273.943
40919.676	46000.227	30.105	31280.154	24.438
1.021				
1/26/2016 6:30:00 PM	715500.000	121.602	19.219	273.920
40967.844	46052.398	30.143	31315.633	24.409
1.021				
1/26/2016 6:45:00 PM	716400.000	121.590	19.230	273.894
40979.461	46055.469	30.145	31317.721	24.402
1.021				
1/26/2016 7:00:00 PM	717300.000	121.639	19.209	274.004
40968.984	46063.680	30.151	31323.305	24.409
1.021				
1/26/2016 7:15:00 PM	718200.000	121.607	19.211	273.931
40966.438	46059.441	30.147	31320.422	24.410
1.021				
1/26/2016 7:30:00 PM	719100.000	121.654	19.214	274.037
40950.859	46038.910	30.133	31306.461	24.420
1.021				
1/26/2016 7:45:00 PM	720000.000	121.646	19.216	274.019
40943.344	46028.648	30.125	31299.482	24.424
1.021				
1/26/2016 8:00:00 PM	720900.000	121.695	19.218	274.131
40975.988	46062.684	30.150	31322.627	24.405
1.021				
1/26/2016 8:15:00 PM	721800.000	121.712	19.224	274.167
40943.617	46020.695	30.120	31294.072	24.424
1.021				

1/26/2016 8:30:00 PM	722700.000	121.753	19.218	274.261
40977.215	46064.660	30.152	31323.971	24.404
1.021				
1/26/2016 8:45:00 PM	723600.000	121.781	19.229	274.323
40968.930	46044.664	30.138	31310.373	24.409
1.021				
1/26/2016 9:00:00 PM	724500.000	121.819	19.236	274.409
40958.746	46026.164	30.124	31297.793	24.415
1.021				
1/26/2016 9:15:00 PM	725400.000	121.869	19.208	274.523
40934.535	46026.059	30.123	31297.723	24.429
1.021				
1/26/2016 9:30:00 PM	726300.000	121.886	19.217	274.560
40966.086	46052.504	30.143	31315.705	24.410
1.021				
1/26/2016 9:45:00 PM	727200.000	121.964	19.215	274.736
40947.379	46033.535	30.129	31302.807	24.422
1.021				
1/26/2016 10:00:00 PM	728100.000	121.985	19.221	274.783
40960.129	46041.934	30.135	31308.518	24.414
1.021				
1/26/2016 10:15:00 PM	729000.000	122.049	19.215	274.928
40957.418	46044.902	30.137	31310.535	24.416
1.021				
1/26/2016 10:30:00 PM	729900.000	122.080	19.226	274.996
40963.867	46041.820	30.135	31308.439	24.412
1.021				
1/26/2016 10:45:00 PM	730800.000	122.115	19.223	275.076
40988.066	46071.430	30.157	31328.572	24.397
1.021				
1/26/2016 11:00:00 PM	731700.000	122.125	19.213	275.098
40958.988	46049.164	30.140	31313.434	24.415
1.021				
1/26/2016 11:15:00 PM	732600.000	122.224	19.230	275.321
40968.215	46042.398	30.136	31308.834	24.409
1.021				
1/26/2016 11:30:00 PM	733500.000	122.227	19.236	275.329
40977.648	46046.984	30.140	31311.951	24.404
1.021				
1/26/2016 11:45:00 PM	734400.000	122.234	19.231	275.344
40964.016	46036.227	30.131	31304.637	24.412
1.021				
1/27/2016 12:00:00 AM	735300.000	122.281	19.219	275.451
40994.641	46082.867	30.165	31336.352	24.393
1.021				
1/27/2016 12:15:00 AM	736200.000	122.290	19.225	275.469
40963.285	46041.336	30.135	31308.111	24.412
1.021				
1/27/2016 12:30:00 AM	737100.000	122.332	19.234	275.565
40957.070	46026.090	30.124	31297.742	24.416
1.021				
1/27/2016 12:45:00 AM	738000.000	122.339	19.226	275.581
40968.645	46046.410	30.139	31311.561	24.409
1.021				
1/27/2016 1:00:00 AM	738900.000	122.319	19.220	275.537
40945.121	46026.168	30.124	31297.797	24.423

1.021
1/27/2016 1:15:00 AM 739800.000 122.363 19.226 275.635
40944.145 46018.875 30.119 31292.838 24.424
1.021
1/27/2016 1:30:00 AM 740700.000 122.331 19.236 275.563
40963.488 46031.238 30.128 31301.242 24.412
1.021
1/27/2016 1:45:00 AM 741600.000 122.352 19.242 275.610
40996.145 46061.906 30.151 31322.098 24.393
1.021
1/27/2016 2:00:00 AM 742500.000 122.307 19.238 275.508
40991.184 46059.953 30.149 31320.768 24.395
1.021
1/27/2016 2:15:00 AM 743400.000 122.300 19.233 275.493
40976.293 46048.289 30.140 31312.838 24.404
1.021
1/27/2016 2:30:00 AM 744300.000 122.281 19.230 275.449
40976.496 46052.055 30.143 31315.398 24.404
1.021
1/27/2016 2:45:00 AM 745200.000 122.327 19.222 275.553
40966.367 46048.246 30.140 31312.811 24.410
1.021
1/27/2016 3:00:00 AM 746100.000 122.246 19.242 275.371
40990.449 46055.684 30.146 31317.867 24.396
1.021
1/27/2016 3:15:00 AM 747000.000 122.203 19.226 275.275
40976.434 46055.164 30.145 31317.512 24.404
1.021
1/27/2016 3:30:00 AM 747900.000 122.197 19.227 275.261
40928.320 46000.406 30.105 31280.279 24.433
1.021
1/27/2016 3:45:00 AM 748800.000 122.178 19.210 275.218
40968.484 46062.512 30.150 31322.510 24.409
1.021
1/27/2016 4:00:00 AM 749700.000 122.159 19.219 275.176
40939.426 46020.898 30.120 31294.213 24.426
1.021
1/27/2016 4:15:00 AM 750600.000 122.125 19.218 275.098
40975.969 46063.434 30.151 31323.135 24.405
1.021
1/27/2016 4:30:00 AM 751500.000 122.094 19.215 275.028
41003.387 46096.930 30.175 31345.912 24.388
1.021
1/27/2016 4:45:00 AM 752400.000 122.081 19.211 275.000
40978.004 46072.363 30.157 31329.209 24.403
1.021
1/27/2016 5:00:00 AM 753300.000 122.056 19.205 274.942
40974.559 46074.504 30.158 31330.664 24.405
1.021
1/27/2016 5:15:00 AM 754200.000 122.023 19.215 274.870
40963.055 46051.414 30.142 31314.963 24.412
1.021
1/27/2016 5:30:00 AM 755100.000 122.042 19.209 274.913
40942.129 46033.824 30.129 31303.002 24.425
1.021
1/27/2016 5:45:00 AM 756000.000 122.012 19.208 274.843

	40970.855	46067.246	30.153	31325.729	24.408	1.021
1/27/2016 6:00:00 AM	756900.000	121.999	19.213	274.815	40932.828	46019.238
30.118	31293.084	24.430	1.021			
1/27/2016 6:15:00 AM	757800.000	121.974	19.209	274.758	40930.148	46019.930
30.119	31293.555	24.432	1.021			
1/27/2016 6:30:00 AM	758700.000	121.998	19.215	274.812	40938.793	46023.961
30.122	31296.295	24.427	1.021			
1/27/2016 6:45:00 AM	759600.000	122.015	19.202	274.851	40900.793	45994.484
30.100	31276.250	24.449	1.021			
1/27/2016 7:00:00 AM	760500.000	122.012	19.206	274.843	40921.809	46013.559
30.114	31289.223	24.437	1.021			
1/27/2016 7:15:00 AM	761400.000	122.007	19.211	274.833	40964.418	46057.172
30.146	31318.879	24.411	1.021			
1/27/2016 7:30:00 AM	762300.000	122.006	19.216	274.830	40963.031	46050.441
30.141	31314.303	24.412	1.021			
1/27/2016 7:45:00 AM	763200.000	122.029	19.221	274.882	40939.840	46019.711
30.119	31293.406	24.426	1.021			
1/27/2016 8:00:00 AM	764100.000	122.048	19.219	274.925	40956.328	46039.543
30.133	31306.891	24.416	1.021			
1/27/2016 8:15:00 AM	765000.000	122.058	19.213	274.947	40958.219	46048.207
30.139	31312.783	24.415	1.021			
1/27/2016 8:30:00 AM	765900.000	122.096	19.220	275.033	40970.191	46054.523
30.144	31317.078	24.408	1.021			
1/27/2016 8:45:00 AM	766800.000	122.099	19.220	275.040	40958.145	46041.246
30.135	31308.049	24.415	1.021			
1/27/2016 9:00:00 AM	767700.000	122.178	19.230	275.217	40980.754	46056.672
30.146	31318.539	24.402	1.021			
1/27/2016 9:15:00 AM	768600.000	122.188	19.211	275.241	40933.539	46022.273
30.120	31295.148	24.430	1.021			
1/27/2016 9:30:00 AM	769500.000	122.212	19.208	275.295	40959.801	46054.816
30.144	31317.275	24.414	1.021			
1/27/2016 9:45:00 AM	770400.000	122.235	19.213	275.347	40992.215	46086.184
30.167	31338.607	24.395	1.021			
1/27/2016 10:00:00 AM	771300.000	122.245	19.211	275.368	40965.711	46057.938
30.146	31319.400	24.411	1.021			
1/27/2016 10:15:00 AM	772200.000	122.312	19.215	275.519	40992.965	46084.863
30.166	31337.709	24.394	1.021			

1/27/2016 10:30:00 AM	773100.000	122.327	19.212	275.553
40975.195	46067.816	30.154	31326.117	24.405
1.021				
1/27/2016 10:45:00 AM	774000.000	122.328	19.225	275.555
40975.480	46055.551	30.145	31317.777	24.405
1.021				
1/27/2016 11:00:00 AM	774900.000	122.367	19.211	275.644
40967.133	46060.141	30.148	31320.898	24.410
1.021				
1/27/2016 11:15:00 AM	775800.000	122.345	19.205	275.595
40967.836	46066.781	30.153	31325.412	24.409
1.021				
1/27/2016 11:30:00 AM	776700.000	122.447	19.217	275.823
40977.543	46066.230	30.153	31325.039	24.404
1.021				
1/27/2016 11:45:00 AM	777600.000	122.414	19.217	275.750
40978.758	46066.750	30.153	31325.393	24.403
1.021				
1/27/2016 12:00:00 PM	778500.000	122.453	19.209	275.838
40931.273	46021.195	30.120	31294.416	24.431
1.021				
1/27/2016 12:15:00 PM	779400.000	122.425	19.207	275.773
40981.262	46079.727	30.162	31334.217	24.401
1.021				
1/27/2016 12:30:00 PM	780300.000	122.383	19.206	275.680
40945.242	46040.004	30.133	31307.205	24.423
1.021				
1/27/2016 12:45:00 PM	781200.000	122.439	19.206	275.807
40934.160	46027.969	30.124	31299.021	24.429
1.021				
1/27/2016 1:00:00 PM	782100.000	122.425	19.209	275.773
40952.504	46045.488	30.137	31310.934	24.419
1.021				
1/27/2016 1:15:00 PM	783000.000	122.374	19.220	275.660
40973.191	46058.250	30.147	31319.611	24.406
1.021				
1/27/2016 1:30:00 PM	783900.000	122.353	19.230	275.612
40968.523	46042.402	30.136	31308.836	24.409
1.021				
1/27/2016 1:45:00 PM	784800.000	122.341	19.226	275.584
40978.906	46058.633	30.148	31319.871	24.403
1.021				
1/27/2016 2:00:00 PM	785700.000	122.328	19.205	275.555
40978.871	46078.840	30.161	31333.613	24.403
1.021				
1/27/2016 2:15:00 PM	786600.000	122.241	19.210	275.361
40978.191	46073.426	30.158	31329.932	24.403
1.021				
1/27/2016 2:30:00 PM	787500.000	122.244	19.204	275.366
40945.711	46042.414	30.135	31308.844	24.423
1.021				
1/27/2016 2:45:00 PM	788400.000	122.220	19.206	275.313
40981.676	46080.969	30.163	31335.061	24.401
1.021				
1/27/2016 3:00:00 PM	789300.000	122.176	19.209	275.214
40933.922	46024.941	30.122	31296.963	24.430

1.021
1/27/2016 3:15:00 PM 790200.000 122.140 19.206 275.131
40973.945 46072.617 30.157 31329.383 24.406
1.021
1/27/2016 3:30:00 PM 791100.000 122.065 19.213 274.963
40991.648 46085.793 30.167 31338.340 24.395
1.021
1/27/2016 3:45:00 PM 792000.000 122.040 19.205 274.908
40990.559 46091.895 30.171 31342.488 24.396
1.021
1/27/2016 4:00:00 PM 792900.000 121.964 19.206 274.735
40967.582 46065.551 30.152 31324.576 24.410
1.021
1/27/2016 4:15:00 PM 793800.000 121.969 19.218 274.746
40984.719 46073.184 30.158 31329.768 24.399
1.021
1/27/2016 4:30:00 PM 794700.000 121.904 19.206 274.602
40950.074 46045.949 30.137 31311.246 24.420
1.021
1/27/2016 4:45:00 PM 795600.000 121.855 19.192 274.489
40969.012 46080.684 30.162 31334.867 24.409
1.021
1/27/2016 5:00:00 PM 796500.000 121.820 19.201 274.412
40912.922 46009.156 30.110 31286.229 24.442
1.021
1/27/2016 5:15:00 PM 797400.000 121.757 19.194 274.269
40998.469 46112.188 30.185 31356.289 24.391
1.021
1/27/2016 5:30:00 PM 798300.000 121.771 19.196 274.302
40917.309 46018.313 30.117 31292.453 24.440
1.021
1/27/2016 5:45:00 PM 799200.000 121.740 19.200 274.232
40949.188 46050.805 30.141 31314.549 24.421
1.021
1/27/2016 6:00:00 PM 800100.000 121.722 19.204 274.191
40956.516 46055.434 30.144 31317.697 24.416
1.021
1/27/2016 6:15:00 PM 801000.000 121.674 19.212 274.082
40977.926 46070.887 30.156 31328.205 24.403
1.021
1/27/2016 6:30:00 PM 801900.000 121.674 19.223 274.083
41014.852 46101.805 30.179 31349.229 24.381
1.021
1/27/2016 6:45:00 PM 802800.000 121.642 19.208 274.010
40968.430 46064.430 30.151 31323.814 24.409
1.021
1/27/2016 7:00:00 PM 803700.000 121.660 19.216 274.050
41003.113 46095.660 30.174 31345.051 24.388
1.021
1/27/2016 7:15:00 PM 804600.000 121.687 19.199 274.113
40979.063 46084.832 30.165 31337.688 24.403
1.021
1/27/2016 7:30:00 PM 805500.000 121.693 19.198 274.125
40948.961 46052.285 30.142 31315.555 24.421
1.021
1/27/2016 7:45:00 PM 806400.000 121.693 19.217 274.125

40952.195	46037.047	30.131	31305.193	24.419
1.021				
1/27/2016 8:00:00 PM	807300.000	121.712	19.223	274.167
40974.281	46056.113	30.146	31318.158	24.406
1.021				
1/27/2016 8:15:00 PM	808200.000	121.729	19.214	274.206
40954.043	46042.734	30.135	31309.063	24.418
1.021				
1/27/2016 8:30:00 PM	809100.000	121.731	19.217	274.211
40961.691	46047.457	30.139	31312.273	24.413
1.021				
1/27/2016 8:45:00 PM	810000.000	121.730	19.214	274.210
40982.730	46074.648	30.159	31330.764	24.401
1.021				
1/27/2016 9:00:00 PM	810900.000	121.760	19.201	274.277
40929.074	46027.234	30.124	31298.521	24.433
1.021				
1/27/2016 9:15:00 PM	811800.000	121.829	19.214	274.432
40978.766	46069.844	30.155	31327.496	24.403
1.021				
1/27/2016 9:30:00 PM	812700.000	121.856	19.202	274.492
40981.758	46085.531	30.166	31338.164	24.401
1.021				
1/27/2016 9:45:00 PM	813600.000	121.898	19.216	274.586
40973.152	46061.383	30.149	31321.740	24.406
1.021				
1/27/2016 10:00:00 PM	814500.000	121.925	19.218	274.648
40994.785	46084.156	30.166	31337.229	24.393
1.021				
1/27/2016 10:15:00 PM	815400.000	121.971	19.212	274.752
40994.523	46090.152	30.170	31341.307	24.394
1.021				
1/27/2016 10:30:00 PM	816300.000	122.002	19.220	274.822
40960.191	46043.195	30.136	31309.373	24.414
1.021				
1/27/2016 10:45:00 PM	817200.000	122.051	19.216	274.931
40988.047	46078.383	30.162	31333.301	24.397
1.021				
1/27/2016 11:00:00 PM	818100.000	122.088	19.215	275.014
40954.219	46041.910	30.135	31308.502	24.418
1.021				
1/27/2016 11:15:00 PM	819000.000	122.141	19.213	275.134
40983.039	46076.207	30.160	31331.822	24.400
1.021				
1/27/2016 11:30:00 PM	819900.000	122.167	19.200	275.194
40963.117	46066.387	30.152	31325.145	24.412
1.021				
1/27/2016 11:45:00 PM	820800.000	122.213	19.201	275.298
40941.992	46041.160	30.134	31307.988	24.425
1.021				

Report Date: 2/1/2016 10:37:57 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-1M Pre Test_2016-01-28_13-42-11-001.wsl
Create Date: 1/28/2016 1:42:08 PM

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

Log Data:
Record Count: 967
Sensors: 1
1 - 395424: PCTD 100 PSIG (70m/231ft)
Time Zone: Pacific Standard Time

Sensor: PCTD(G) 231ft Sensor: PCTD(G) 231ft Sensor: PCTD(G) 231ft Sensor: PCTD(G) 231ft Sensor: PCTD(G) 231ft Sensor: PCTD(G) 231ft Sensor: PCTD(G) 231ft Sensor: PCTD(G) 231ft Sensor: PCTD(G) 231ft
Elapsed Time SN#: 395424 SN#: 395424 SN#: 395424 SN#: 395424 SN#: 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)
--- --- --- --

42130.797	50571.004	33.281	34.388	23.736	1.024
1/21/2016 12:15:00 AM	217800.000	68.768	16.262	154.907	
42124.523	50563.664	33.276	34.383	23.739	1.024
1/21/2016 12:30:00 AM	218700.000	68.748	16.262	154.862	
42137.383	50579.313	33.287	34.394	23.732	1.024
1/21/2016 12:45:00 AM	219600.000	68.738	16.262	154.838	
42138.215	50580.313	33.288	34.395	23.731	1.024
1/21/2016 1:00:00 AM	220500.000	68.724	16.262	154.808	
42099.059	50533.000	33.253	34.362	23.753	1.024
1/21/2016 1:15:00 AM	221400.000	68.717	16.262	154.791	
42111.875	50547.777	33.264	34.372	23.746	1.024
1/21/2016 1:30:00 AM	222300.000	68.704	16.263	154.763	
42146.121	50588.375	33.294	34.400	23.727	1.024
1/21/2016 1:45:00 AM	223200.000	68.695	16.263	154.743	
42134.516	50574.242	33.284	34.390	23.734	1.024
1/21/2016 2:00:00 AM	224100.000	68.684	16.262	154.717	
42141.969	50583.789	33.291	34.397	23.729	1.024
1/21/2016 2:15:00 AM	225000.000	68.686	16.263	154.722	
42131.059	50570.297	33.281	34.388	23.735	1.024
1/21/2016 2:30:00 AM	225900.000	68.683	16.262	154.715	
42117.133	50554.086	33.269	34.377	23.743	1.024
1/21/2016 2:45:00 AM	226800.000	68.683	16.263	154.715	
42112.281	50547.344	33.264	34.372	23.746	1.024
1/21/2016 3:00:00 AM	227700.000	68.686	16.263	154.723	
42092.934	50524.023	33.247	34.356	23.757	1.024
1/21/2016 3:15:00 AM	228600.000	68.683	16.263	154.715	
42116.383	50551.859	33.267	34.375	23.744	1.024
1/21/2016 3:30:00 AM	229500.000	68.688	16.264	154.728	
42114.016	50548.719	33.265	34.373	23.745	1.024
1/21/2016 3:45:00 AM	230400.000	68.690	16.263	154.731	
42124.371	50561.754	33.275	34.382	23.739	1.024
1/21/2016 4:00:00 AM	231300.000	68.706	16.263	154.768	
42137.027	50576.945	33.286	34.392	23.732	1.024
1/21/2016 4:15:00 AM	232200.000	68.699	16.263	154.752	
42130.383	50569.281	33.280	34.387	23.736	1.024
1/21/2016 4:30:00 AM	233100.000	68.710	16.262	154.777	
42092.793	50524.668	33.247	34.357	23.757	

1.024
1/21/2016 4:45:00 AM 234000.000 68.724 16.263 154.808
42142.070 50582.906 33.290 34.396 23.729
1.024
1/21/2016 5:00:00 AM 234900.000 68.736 16.263 154.835
42112.922 50548.410 33.265 34.373 23.746
1.024
1/21/2016 5:15:00 AM 235800.000 68.738 16.263 154.840
42134.086 50573.418 33.283 34.390 23.734
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1/21/2016 5:30:00 AM 236700.000 68.754 16.262 154.875
42104.859 50539.656 33.258 34.367 23.750
1.024
1/21/2016 5:45:00 AM 237600.000 68.767 16.262 154.905
42119.754 50557.746 33.272 34.379 23.742
1.024
1/21/2016 6:00:00 AM 238500.000 68.782 16.261 154.939
42124.563 50564.438 33.276 34.384 23.739
1.024
1/21/2016 6:15:00 AM 239400.000 68.794 16.261 154.965
42113.375 50551.211 33.267 34.375 23.745
1.024
1/21/2016 6:30:00 AM 240300.000 68.807 16.261 154.995
42113.199 50550.797 33.266 34.375 23.746
1.024
1/21/2016 6:45:00 AM 241200.000 68.830 16.260 155.045
42138.465 50581.844 33.289 34.396 23.731
1.024
1/21/2016 7:00:00 AM 242100.000 68.851 16.259 155.094
42111.898 50551.270 33.267 34.375 23.746
1.024
1/21/2016 7:15:00 AM 243000.000 68.860 16.260 155.115
42132.961 50576.352 33.285 34.392 23.734
1.024
1/21/2016 7:30:00 AM 243900.000 68.866 16.260 155.128
42099.719 50536.445 33.256 34.365 23.753
1.024
1/21/2016 7:45:00 AM 244800.000 68.878 16.258 155.155
42121.016 50563.242 33.275 34.383 23.741
1.024
1/21/2016 8:00:00 AM 245700.000 68.894 16.258 155.191
42118.484 50560.906 33.274 34.381 23.743
1.024
1/21/2016 8:15:00 AM 246600.000 68.893 16.257 155.189
42142.254 50589.957 33.295 34.401 23.729
1.024
1/21/2016 8:30:00 AM 247500.000 68.885 16.257 155.171
42129.211 50574.707 33.284 34.391 23.736
1.024
1/21/2016 8:45:00 AM 248400.000 68.914 16.256 155.234
42117.070 50561.148 33.274 34.382 23.743
1.024
1/21/2016 9:00:00 AM 249300.000 68.912 16.256 155.231
42119.301 50564.543 33.276 34.384 23.742

1.024
1/21/2016 9:15:00 AM 250200.000 68.914 16.256 155.234
42093.371 50533.414 33.253 34.363 23.757
1.024
1/21/2016 9:30:00 AM 251100.000 68.901 16.255 155.207
42105.676 50548.789 33.265 34.373 23.750
1.024
1/21/2016 9:45:00 AM 252000.000 68.906 16.255 155.217
42097.234 50538.555 33.257 34.366 23.755
1.024
1/21/2016 10:00:00 AM 252900.000 68.880 16.255 155.159
42085.867 50525.414 33.247 34.357 23.761
1.024
1/21/2016 10:15:00 AM 253800.000 68.894 16.254 155.191
42142.691 50594.563 33.298 34.404 23.729
1.024
1/21/2016 10:30:00 AM 254700.000 68.882 16.254 155.163
42147.113 50599.559 33.302 34.408 23.726
1.024
1/21/2016 10:45:00 AM 255600.000 68.863 16.255 155.121
42147.633 50599.359 33.302 34.408 23.726
1.024
1/21/2016 11:00:00 AM 256500.000 68.845 16.254 155.080
42118.566 50565.191 33.277 34.384 23.742
1.024
1/21/2016 11:15:00 AM 257400.000 68.826 16.255 155.037
42133.219 50582.367 33.289 34.396 23.734
1.024
1/21/2016 11:30:00 AM 258300.000 68.802 16.254 154.984
42083.676 50523.305 33.246 34.356 23.762
1.024
1/21/2016 11:45:00 AM 259200.000 68.785 16.255 154.946
42065.695 50500.594 33.229 34.340 23.772
1.024
1/21/2016 12:00:00 PM 260100.000 68.760 16.255 154.888
42099.723 50541.543 33.259 34.368 23.753
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1/21/2016 12:15:00 PM 261000.000 68.735 16.255 154.831
42140.855 50590.715 33.295 34.402 23.730
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1/21/2016 12:30:00 PM 261900.000 68.703 16.256 154.761
42097.875 50538.512 33.257 34.366 23.754
1.024
1/21/2016 12:45:00 PM 262800.000 68.678 16.256 154.704
42097.852 50537.871 33.257 34.366 23.754
1.024
1/21/2016 1:00:00 PM 263700.000 68.648 16.257 154.637
42109.133 50551.211 33.266 34.375 23.748
1.024
1/21/2016 1:15:00 PM 264600.000 68.610 16.257 154.551
42105.641 50546.508 33.263 34.372 23.750
1.024
1/21/2016 1:30:00 PM 265500.000 68.599 16.257 154.525
42097.582 50536.930 33.256 34.365 23.754
1.024

1/21/2016 1:45:00 PM	266400.000	68.571	16.258	154.462
42089.734	50526.090	33.248	34.358	23.759
1.024				
1/21/2016 2:00:00 PM	267300.000	68.553	16.259	154.423
42095.766	50532.418	33.253	34.362	23.755
1.024				
1/21/2016 2:15:00 PM	268200.000	68.539	16.259	154.390
42132.129	50576.066	33.285	34.392	23.735
1.024				
1/21/2016 2:30:00 PM	269100.000	68.510	16.260	154.325
42106.395	50544.461	33.262	34.370	23.749
1.024				
1/21/2016 2:45:00 PM	270000.000	68.498	16.260	154.299
42087.047	50521.031	33.244	34.354	23.760
1.024				
1/21/2016 3:00:00 PM	270900.000	68.480	16.261	154.259
42129.160	50570.258	33.281	34.388	23.737
1.024				
1/21/2016 3:15:00 PM	271800.000	68.470	16.261	154.236
42133.473	50574.914	33.284	34.391	23.734
1.024				
1/21/2016 3:30:00 PM	272700.000	68.457	16.261	154.206
42116.559	50554.520	33.269	34.377	23.744
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1/21/2016 3:45:00 PM	273600.000	68.454	16.262	154.199
42128.730	50568.926	33.280	34.387	23.737
1.024				
1/21/2016 4:00:00 PM	274500.000	68.449	16.262	154.187
42128.613	50567.867	33.279	34.386	23.737
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1/21/2016 4:15:00 PM	275400.000	68.432	16.263	154.151
42134.375	50574.277	33.284	34.391	23.734
1.024				
1/21/2016 4:30:00 PM	276300.000	68.426	16.263	154.137
42109.641	50544.793	33.262	34.370	23.748
1.024				
1/21/2016 4:45:00 PM	277200.000	68.423	16.263	154.129
42120.969	50557.672	33.272	34.379	23.741
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1/21/2016 5:00:00 PM	278100.000	68.418	16.265	154.119
42127.852	50564.309	33.277	34.384	23.737
1.024				
1/21/2016 5:15:00 PM	279000.000	68.417	16.265	154.116
42095.598	50525.695	33.248	34.357	23.755
1.024				
1/21/2016 5:30:00 PM	279900.000	68.415	16.264	154.112
42090.391	50519.547	33.244	34.353	23.758
1.024				
1/21/2016 5:45:00 PM	280800.000	68.415	16.265	154.111
42171.430	50616.203	33.315	34.419	23.713
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1/21/2016 6:00:00 PM	281700.000	68.411	16.266	154.102
42089.098	50516.469	33.242	34.351	23.759
1.024				

1/21/2016 6:15:00 PM	282600.000	68.414	16.265	154.109
42113.781	50546.609	33.264	34.372	23.745
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1/21/2016 6:30:00 PM	283500.000	68.416	16.266	154.115
42106.680	50537.570	33.257	34.366	23.749
1.024				
1/21/2016 6:45:00 PM	284400.000	68.422	16.266	154.127
42142.305	50580.223	33.288	34.395	23.729
1.024				
1/21/2016 7:00:00 PM	285300.000	68.426	16.267	154.137
42085.152	50510.805	33.237	34.347	23.761
1.024				
1/21/2016 7:15:00 PM	286200.000	68.436	16.266	154.159
42113.813	50546.230	33.263	34.371	23.745
1.024				
1/21/2016 7:30:00 PM	287100.000	68.447	16.266	154.184
42140.023	50577.086	33.286	34.392	23.730
1.024				
1/21/2016 7:45:00 PM	288000.000	68.442	16.267	154.171
42112.266	50543.258	33.261	34.369	23.746
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1/21/2016 8:00:00 PM	288900.000	68.440	16.266	154.168
42095.648	50523.828	33.247	34.356	23.755
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1/21/2016 8:15:00 PM	289800.000	68.463	16.266	154.219
42112.969	50544.918	33.262	34.371	23.746
1.024				
1/21/2016 8:30:00 PM	290700.000	68.474	16.266	154.244
42134.895	50570.934	33.282	34.388	23.733
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1/21/2016 8:45:00 PM	291600.000	68.490	16.266	154.279
42110.988	50542.324	33.261	34.369	23.747
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1/21/2016 9:00:00 PM	292500.000	68.494	16.265	154.288
42097.668	50527.055	33.249	34.358	23.754
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1/21/2016 9:15:00 PM	293400.000	68.499	16.265	154.301
42119.301	50553.734	33.269	34.377	23.742
1.024				
1/21/2016 9:30:00 PM	294300.000	68.503	16.266	154.310
42067.633	50490.602	33.223	34.334	23.771
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1/21/2016 9:45:00 PM	295200.000	68.515	16.266	154.337
42110.703	50542.613	33.261	34.369	23.747
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1/21/2016 10:00:00 PM	296100.000	68.526	16.265	154.361
42145.660	50585.273	33.292	34.398	23.727
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1/21/2016 10:15:00 PM	297000.000	68.518	16.265	154.343
42121.223	50556.148	33.271	34.378	23.741
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1/21/2016 10:30:00 PM	297900.000	68.539	16.264	154.390
42102.984	50535.168	33.255	34.364	23.751
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1/21/2016 10:45:00 PM	298800.000	68.541	16.265	154.395

42096.027	50525.801	33.248	34.358	23.755	1.024
1/21/2016 11:00:00 PM	299700.000	68.535	16.264	154.382	42110.121
50544.043	33.262	34.370	23.747	1.024	
1/21/2016 11:15:00 PM	300600.000	68.524	16.263	154.356	42098.020
50529.922	33.251	34.360	23.754	1.024	
1/21/2016 11:30:00 PM	301500.000	68.535	16.264	154.383	42094.152
50525.078	33.248	34.357	23.756	1.024	
1/21/2016 11:45:00 PM	302400.000	68.530	16.263	154.369	42095.504
50527.313	33.249	34.359	23.756	1.024	
1/22/2016 12:00:00 AM	303300.000	68.535	16.264	154.383	42114.332
50549.098	33.265	34.373	23.745	1.024	
1/22/2016 12:15:00 AM	304200.000	68.553	16.263	154.423	42118.160
50554.508	33.269	34.377	23.743	1.024	
1/22/2016 12:30:00 AM	305100.000	68.523	16.263	154.355	42095.684
50527.227	33.249	34.359	23.755	1.024	
1/22/2016 12:45:00 AM	306000.000	68.530	16.263	154.371	42088.609
50519.434	33.243	34.353	23.759	1.024	
1/22/2016 1:00:00 AM	306900.000	68.511	16.263	154.328	42115.492
50551.410	33.267	34.375	23.744	1.024	
1/22/2016 1:15:00 AM	307800.000	68.509	16.263	154.324	42075.273
50503.426	33.232	34.342	23.767	1.024	
1/22/2016 1:30:00 AM	308700.000	68.511	16.262	154.327	42120.773
50558.348	33.272	34.380	23.741	1.024	
1/22/2016 1:45:00 AM	309600.000	68.487	16.262	154.273	42082.203
50512.051	33.238	34.348	23.763	1.024	
1/22/2016 2:00:00 AM	310500.000	68.497	16.263	154.296	42067.629
50493.855	33.225	34.336	23.771	1.024	
1/22/2016 2:15:00 AM	311400.000	68.490	16.263	154.280	42090.309
50521.270	33.245	34.354	23.758	1.024	
1/22/2016 2:30:00 AM	312300.000	68.490	16.263	154.280	42115.484
50551.602	33.267	34.375	23.744	1.024	
1/22/2016 2:45:00 AM	313200.000	68.491	16.262	154.282	42128.449
50567.563	33.279	34.386	23.737	1.024	
1/22/2016 3:00:00 AM	314100.000	68.516	16.263	154.338	42118.801
50555.676	33.270	34.378	23.742	1.024	
1/22/2016 3:15:00 AM	315000.000	68.519	16.263	154.346	

42118.586	50555.414	33.270	34.378	23.742	
1.024					
1/22/2016 3:30:00 AM	315900.000	68.537	16.262	154.387	
42076.984	50505.789	33.233	34.344	23.766	
1.024					
1/22/2016 3:45:00 AM	316800.000	68.523	16.262	154.354	
42118.941	50556.355	33.271	34.378	23.742	
1.024					
1/22/2016 4:00:00 AM	317700.000	68.506	16.262	154.317	
42141.414	50583.637	33.291	34.397	23.730	
1.024					
1/22/2016 4:15:00 AM	318600.000	68.539	16.262	154.390	
42088.719	50520.898	33.244	34.354	23.759	
1.024					
1/22/2016 4:30:00 AM	319500.000	68.565	16.261	154.450	
42107.223	50543.199	33.261	34.369	23.749	
1.024					
1/22/2016 4:45:00 AM	320400.000	68.590	16.261	154.506	
42121.367	50560.293	33.273	34.381	23.741	
1.024					
1/22/2016 5:00:00 AM	321300.000	68.579	16.261	154.481	
42074.070	50503.828	33.232	34.343	23.768	
1.024					
1/22/2016 5:15:00 AM	322200.000	68.616	16.261	154.563	
42091.727	50525.430	33.248	34.357	23.758	
1.024					
1/22/2016 5:30:00 AM	323100.000	68.620	16.260	154.574	
42078.625	50510.613	33.237	34.347	23.765	
1.024					
1/22/2016 5:45:00 AM	324000.000	68.635	16.260	154.607	
42096.086	50531.773	33.252	34.362	23.755	
1.024					
1/22/2016 6:00:00 AM	324900.000	68.696	16.259	154.745	
42084.797	50519.047	33.243	34.353	23.762	
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1/22/2016 6:15:00 AM	325800.000	68.684	16.259	154.717	
42140.258	50586.230	33.292	34.399	23.730	
1.024					
1/22/2016 6:30:00 AM	326700.000	68.713	16.258	154.783	
42117.797	50560.289	33.273	34.381	23.743	
1.024					
1/22/2016 6:45:00 AM	327600.000	68.744	16.257	154.853	
42086.043	50522.477	33.245	34.355	23.761	
1.024					
1/22/2016 7:00:00 AM	328500.000	68.763	16.256	154.896	
42097.324	50537.445	33.256	34.365	23.754	
1.024					
1/22/2016 7:15:00 AM	329400.000	68.821	16.255	155.025	
42106.324	50549.469	33.265	34.374	23.749	
1.024					
1/22/2016 7:30:00 AM	330300.000	68.831	16.255	155.049	
42098.855	50541.113	33.259	34.368	23.754	
1.024					
1/22/2016 7:45:00 AM	331200.000	68.876	16.254	155.151	
42112.891	50558.988	33.272	34.380	23.746	

1.024
1/22/2016 8:00:00 AM 332100.000 68.886 16.253 155.172
42090.945 50533.871 33.253 34.363 23.758
1.024
1/22/2016 8:15:00 AM 333000.000 68.932 16.251 155.277
42073.777 50515.078 33.239 34.350 23.768
1.024
1/22/2016 8:30:00 AM 333900.000 68.938 16.250 155.289
42113.293 50563.551 33.275 34.383 23.745
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1/22/2016 8:45:00 AM 334800.000 68.977 16.250 155.376
42109.602 50559.621 33.272 34.381 23.748
1.024
1/22/2016 9:00:00 AM 335700.000 69.049 16.248 155.540
42098.766 50548.750 33.264 34.373 23.754
1.024
1/22/2016 9:15:00 AM 336600.000 69.017 16.247 155.467
42106.191 50558.395 33.271 34.380 23.749
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1/22/2016 9:30:00 AM 337500.000 69.037 16.246 155.513
42109.402 50564.078 33.275 34.384 23.748
1.024
1/22/2016 9:45:00 AM 338400.000 69.052 16.245 155.546
42102.891 50556.965 33.270 34.379 23.751
1.024
1/22/2016 10:00:00 AM 339300.000 69.082 16.244 155.614
42116.109 50574.168 33.282 34.390 23.744
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1/22/2016 10:15:00 AM 340200.000 69.060 16.244 155.564
42092.449 50546.172 33.262 34.371 23.757
1.024
1/22/2016 10:30:00 AM 341100.000 69.103 16.243 155.662
42108.645 50566.734 33.277 34.385 23.748
1.024
1/22/2016 10:45:00 AM 342000.000 69.095 16.242 155.643
42090.945 50546.082 33.262 34.371 23.758
1.024
1/22/2016 11:00:00 AM 342900.000 69.095 16.242 155.643
42091.324 50546.961 33.262 34.372 23.758
1.024
1/22/2016 11:15:00 AM 343800.000 69.091 16.241 155.635
42061.656 50512.148 33.237 34.348 23.775
1.024
1/22/2016 11:30:00 AM 344700.000 69.082 16.241 155.614
42107.840 50567.910 33.278 34.386 23.749
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1/22/2016 11:45:00 AM 345600.000 69.071 16.241 155.589
42113.242 50574.398 33.282 34.391 23.746
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1/22/2016 12:00:00 PM 346500.000 69.068 16.240 155.583
42098.480 50557.277 33.270 34.379 23.754
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42080.063 50534.551 33.253 34.363 23.764

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1/22/2016 12:30:00 PM 348300.000 69.018 16.240 155.471
42059.129 50510.020 33.235 34.347 23.776
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1/22/2016 12:45:00 PM 349200.000 69.006 16.241 155.443
42089.996 50546.480 33.262 34.372 23.759
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1/22/2016 1:00:00 PM 350100.000 68.973 16.240 155.369
42112.254 50573.727 33.282 34.390 23.746
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42125.711 50589.574 33.293 34.401 23.738
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42100.785 50558.410 33.271 34.380 23.753
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1/22/2016 2:00:00 PM 353700.000 68.901 16.242 155.206
42103.160 50561.262 33.273 34.382 23.751
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42127.199 50589.414 33.293 34.401 23.738
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42105.375 50562.199 33.274 34.382 23.750
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42121.164 50580.539 33.287 34.395 23.741
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1/22/2016 3:30:00 PM 359100.000 68.795 16.245 154.968
42153.578 50618.348 33.315 34.420 23.723
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1/22/2016 3:45:00 PM 360000.000 68.807 16.244 154.995
42119.258 50577.543 33.285 34.393 23.742
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1/22/2016 4:00:00 PM 360900.000 68.815 16.245 155.012
42119.121 50576.457 33.284 34.392 23.742
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1/22/2016 4:15:00 PM 361800.000 68.738 16.245 154.838
42109.078 50564.602 33.275 34.384 23.748
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42088.465 50538.938 33.257 34.366 23.759
1.024
1/22/2016 4:45:00 PM 363600.000 68.739 16.246 154.841
42097.332 50549.285 33.264 34.374 23.754
1.024

1/22/2016 5:00:00 PM	364500.000	68.734	16.247	154.830
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42108.098	50560.977	33.273	34.381	23.748
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42132.813	50590.652	33.295	34.402	23.734
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1/22/2016 5:45:00 PM	367200.000	68.718	16.247	154.795
42112.141	50565.422	33.276	34.384	23.746
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1/22/2016 6:00:00 PM	368100.000	68.734	16.247	154.830
42106.680	50558.980	33.271	34.380	23.749
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42064.000	50507.219	33.233	34.345	23.773
1.024				
1/22/2016 6:30:00 PM	369900.000	68.724	16.248	154.808
42096.516	50545.953	33.262	34.371	23.755
1.024				
1/22/2016 6:45:00 PM	370800.000	68.728	16.248	154.816
42062.594	50505.109	33.232	34.343	23.774
1.024				
1/22/2016 7:00:00 PM	371700.000	68.754	16.248	154.876
42100.066	50550.313	33.265	34.374	23.753
1.024				
1/22/2016 7:15:00 PM	372600.000	68.748	16.248	154.862
42106.648	50558.215	33.271	34.380	23.749
1.024				
1/22/2016 7:30:00 PM	373500.000	68.752	16.248	154.870
42118.609	50572.367	33.281	34.389	23.742
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1/22/2016 7:45:00 PM	374400.000	68.751	16.248	154.868
42127.207	50582.805	33.289	34.396	23.738
1.024				
1/22/2016 8:00:00 PM	375300.000	68.771	16.248	154.913
42138.941	50596.688	33.299	34.406	23.731
1.024				
1/22/2016 8:15:00 PM	376200.000	68.743	16.248	154.851
42109.832	50562.250	33.274	34.382	23.747
1.024				
1/22/2016 8:30:00 PM	377100.000	68.807	16.248	154.995
42088.840	50537.043	33.255	34.365	23.759
1.024				
1/22/2016 8:45:00 PM	378000.000	68.777	16.247	154.926
42095.391	50545.820	33.262	34.371	23.756
1.024				
1/22/2016 9:00:00 PM	378900.000	68.815	16.247	155.013
42134.551	50592.328	33.296	34.403	23.733
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1/22/2016 9:15:00 PM	379800.000	68.849	16.247	155.089
42081.566	50529.223	33.250	34.360	23.763
1.024				

1/22/2016 9:30:00 PM	380700.000	68.852	16.247	155.095
42101.254	50552.863	33.267	34.376	23.752
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1/22/2016 9:45:00 PM	381600.000	68.829	16.246	155.043
42112.195	50566.813	33.277	34.385	23.746
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1/22/2016 10:00:00 PM	382500.000	68.862	16.246	155.118
42117.473	50573.359	33.282	34.390	23.743
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1/22/2016 10:15:00 PM	383400.000	68.870	16.246	155.136
42097.211	50549.441	33.264	34.374	23.755
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1/22/2016 10:30:00 PM	384300.000	68.876	16.246	155.150
42124.313	50582.180	33.288	34.396	23.739
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1/22/2016 10:45:00 PM	385200.000	68.867	16.246	155.130
42126.738	50585.000	33.290	34.398	23.738
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1/22/2016 11:00:00 PM	386100.000	68.895	16.245	155.192
42120.316	50578.313	33.285	34.393	23.742
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1/22/2016 11:15:00 PM	387000.000	68.873	16.245	155.143
42098.688	50552.434	33.266	34.376	23.754
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1/22/2016 11:30:00 PM	387900.000	68.882	16.245	155.163
42117.414	50574.824	33.283	34.391	23.743
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1/22/2016 11:45:00 PM	388800.000	68.870	16.245	155.137
42120.637	50578.594	33.286	34.393	23.741
1.024				
1/23/2016 12:00:00 AM	389700.000	69.271	16.244	156.040
42102.324	50557.613	33.270	34.379	23.752
1.024				
1/23/2016 12:15:00 AM	390600.000	69.473	16.243	156.494
42092.152	50546.523	33.262	34.372	23.757
1.024				
1/23/2016 12:30:00 AM	391500.000	69.606	16.243	156.795
42105.566	50562.941	33.274	34.383	23.750
1.024				
1/23/2016 12:45:00 AM	392400.000	69.685	16.242	156.972
42101.090	50558.777	33.271	34.380	23.752
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1/23/2016 1:00:00 AM	393300.000	69.736	16.240	157.087
42127.230	50592.020	33.295	34.403	23.738
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1/23/2016 1:15:00 AM	394200.000	69.780	16.239	157.187
42084.164	50541.414	33.258	34.368	23.762
1.024				
1/23/2016 1:30:00 AM	395100.000	69.794	16.239	157.218
42068.555	50522.980	33.244	34.356	23.771
1.024				
1/23/2016 1:45:00 AM	396000.000	69.834	16.238	157.309
42099.461	50560.813	33.272	34.381	23.753
1.024				
1/23/2016 2:00:00 AM	396900.000	69.887	16.238	157.427

42104.953 50567.711 33.277 34.386 23.750
1.024
1/23/2016 2:15:00 AM 397800.000 69.898 16.238 157.452
42071.406 50527.836 33.248 34.359 23.769
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1/23/2016 2:30:00 AM 398700.000 69.932 16.238 157.528
42133.660 50602.285 33.303 34.410 23.734
1.024
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42119.227 50584.648 33.290 34.398 23.742
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42124.770 50591.723 33.295 34.402 23.739
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1/23/2016 3:15:00 AM 401400.000 69.984 16.238 157.646
42125.613 50592.426 33.295 34.403 23.739
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42132.828 50600.984 33.302 34.409 23.734
1.024
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42136.133 50605.457 33.305 34.412 23.733
1.024
1/23/2016 4:00:00 AM 404100.000 70.033 16.237 157.757
42125.441 50592.926 33.296 34.403 23.739
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42138.844 50608.207 33.307 34.414 23.731
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42144.406 50614.891 33.312 34.418 23.728
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42106.277 50569.098 33.278 34.387 23.749
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42156.293 50629.582 33.323 34.428 23.721
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42106.602 50569.590 33.279 34.387 23.749
1.024
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42102.410 50564.355 33.275 34.384 23.752
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1/23/2016 5:45:00 AM 410400.000 70.153 16.238 158.027
42103.996 50566.258 33.276 34.385 23.751
1.024
1/23/2016 6:00:00 AM 411300.000 70.196 16.238 158.124
42089.648 50549.629 33.264 34.374 23.759
1.024
1/23/2016 6:15:00 AM 412200.000 70.213 16.238 158.162
42131.438 50599.730 33.301 34.408 23.735
1.024
1/23/2016 6:30:00 AM 413100.000 70.242 16.237 158.228

42117.816	50583.973	33.289	34.397	23.743	1.024
1/23/2016 6:45:00 AM	414000.000	70.279	16.237	158.311	42120.266
50587.223	33.291	34.399	23.742	1.024	
1/23/2016 7:00:00 AM	414900.000	70.281	16.237	158.314	42103.246
50567.191	33.277	34.386	23.751	1.024	
1/23/2016 7:15:00 AM	415800.000	70.309	16.237	158.377	42075.168
50533.266	33.252	34.363	23.767	1.024	
1/23/2016 7:30:00 AM	416700.000	70.375	16.237	158.526	42085.547
50545.934	33.261	34.371	23.761	1.024	
1/23/2016 7:45:00 AM	417600.000	70.353	16.236	158.477	42081.852
50542.316	33.258	34.369	23.763	1.024	
1/23/2016 8:00:00 AM	418500.000	70.400	16.235	158.582	42110.094
50576.836	33.284	34.392	23.747	1.024	
1/23/2016 8:15:00 AM	419400.000	70.435	16.234	158.663	42085.285
50548.379	33.263	34.373	23.761	1.024	
1/23/2016 8:30:00 AM	420300.000	70.463	16.234	158.726	42094.730
50560.324	33.271	34.381	23.756	1.024	
1/23/2016 8:45:00 AM	421200.000	70.507	16.233	158.823	42057.598
50516.336	33.239	34.351	23.777	1.024	
1/23/2016 9:00:00 AM	422100.000	70.532	16.232	158.881	42050.348
50508.555	33.233	34.346	23.781	1.024	
1/23/2016 9:15:00 AM	423000.000	70.547	16.231	158.914	42079.172
50544.496	33.260	34.370	23.765	1.024	
1/23/2016 9:30:00 AM	423900.000	70.574	16.231	158.974	42113.703
50586.797	33.291	34.399	23.745	1.024	
1/23/2016 9:45:00 AM	424800.000	70.600	16.231	159.033	42094.727
50563.887	33.274	34.383	23.756	1.024	
1/23/2016 10:00:00 AM	425700.000	70.629	16.229	159.098	42080.785
50548.883	33.263	34.373	23.764	1.024	
1/23/2016 10:15:00 AM	426600.000	70.623	16.228	159.086	42076.340
50544.555	33.259	34.370	23.766	1.024	
1/23/2016 10:30:00 AM	427500.000	70.647	16.228	159.140	42080.090
50549.891	33.263	34.374	23.764	1.024	
1/23/2016 10:45:00 AM	428400.000	70.689	16.227	159.233	42095.258
50568.816	33.277	34.387	23.756	1.024	
1/23/2016 11:00:00 AM	429300.000	70.667	16.226	159.185	42115.461
50593.699	33.295	34.404	23.744		

1.024
1/23/2016 11:15:00 AM 430200.000 70.664 16.226 159.177
42076.742 50547.391 33.261 34.372 23.766
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1/23/2016 11:30:00 AM 431100.000 70.681 16.226 159.215
42036.535 50499.805 33.226 34.340 23.789
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1/23/2016 11:45:00 AM 432000.000 70.684 16.226 159.222
42093.398 50568.223 33.277 34.386 23.757
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1/23/2016 12:00:00 PM 432900.000 70.673 16.226 159.198
42061.473 50529.559 33.248 34.360 23.775
1.024
1/23/2016 12:15:00 PM 433800.000 70.684 16.226 159.223
42126.910 50608.480 33.306 34.414 23.738
1.024
1/23/2016 12:30:00 PM 434700.000 70.660 16.225 159.168
42095.656 50571.539 33.279 34.389 23.755
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1/23/2016 12:45:00 PM 435600.000 70.686 16.226 159.228
42096.984 50572.527 33.280 34.389 23.755
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1/23/2016 1:00:00 PM 436500.000 70.674 16.225 159.201
42091.121 50565.691 33.275 34.385 23.758
1.024
1/23/2016 1:15:00 PM 437400.000 70.653 16.226 159.154
42075.535 50545.844 33.260 34.371 23.767
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1/23/2016 1:30:00 PM 438300.000 70.657 16.226 159.161
42083.555 50556.203 33.268 34.378 23.762
1.024
1/23/2016 1:45:00 PM 439200.000 70.631 16.227 159.103
42100.797 50575.977 33.282 34.392 23.753
1.024
1/23/2016 2:00:00 PM 440100.000 70.622 16.227 159.083
42092.648 50566.188 33.275 34.385 23.757
1.024
1/23/2016 2:15:00 PM 441000.000 70.613 16.227 159.063
42068.145 50535.840 33.253 34.364 23.771
1.024
1/23/2016 2:30:00 PM 441900.000 70.581 16.228 158.990
42082.895 50552.938 33.266 34.376 23.763
1.024
1/23/2016 2:45:00 PM 442800.000 70.577 16.229 158.981
42085.953 50555.605 33.268 34.378 23.761
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1/23/2016 3:00:00 PM 443700.000 70.562 16.229 158.948
42110.965 50584.820 33.289 34.398 23.747
1.024
1/23/2016 3:15:00 PM 444600.000 70.574 16.230 158.975
42075.242 50541.199 33.257 34.368 23.767
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1/23/2016 3:30:00 PM 445500.000 70.542 16.230 158.902
42104.262 50575.652 33.283 34.391 23.751

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1/23/2016 3:45:00 PM 446400.000 70.538 16.231 158.894
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1/23/2016 4:00:00 PM 447300.000 70.509 16.232 158.829
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1/23/2016 4:15:00 PM 448200.000 70.524 16.233 158.862
42115.438 50586.313 33.291 34.399 23.744
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1/23/2016 4:30:00 PM 449100.000 70.523 16.233 158.860
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1/23/2016 4:45:00 PM 450000.000 70.504 16.234 158.818
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1.024
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1/23/2016 5:15:00 PM 451800.000 70.506 16.235 158.822
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1.024
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1.024
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1/23/2016 6:15:00 PM 455400.000 70.501 16.237 158.810
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42059.844 50513.332 33.237 34.349 23.776
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1/23/2016 6:45:00 PM 457200.000 70.488 16.238 158.780
42114.324 50579.379 33.286 34.394 23.745
1.024
1/23/2016 7:00:00 PM 458100.000 70.484 16.239 158.773
42097.531 50557.672 33.270 34.379 23.754
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1/23/2016 7:15:00 PM 459000.000 70.502 16.239 158.813
42098.773 50559.375 33.271 34.380 23.754
1.024
1/23/2016 7:30:00 PM 459900.000 70.514 16.239 158.839
42079.691 50536.352 33.254 34.365 23.764
1.024
1/23/2016 7:45:00 PM 460800.000 70.534 16.239 158.886
42075.766 50531.242 33.250 34.361 23.767
1.024
1/23/2016 8:00:00 PM 461700.000 70.534 16.240 158.884
42069.270 50522.617 33.244 34.355 23.770
1.024

1/23/2016 8:15:00 PM	462600.000	70.548	16.240	158.915
42109.914	50571.113	33.280	34.388	23.747
1.024				
1/23/2016 8:30:00 PM	463500.000	70.574	16.240	158.974
42099.984	50559.801	33.272	34.381	23.753
1.024				
1/23/2016 8:45:00 PM	464400.000	70.552	16.239	158.925
42092.387	50550.988	33.265	34.375	23.757
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1/23/2016 9:00:00 PM	465300.000	70.564	16.240	158.951
42083.031	50539.145	33.256	34.367	23.763
1.024				
1/23/2016 9:15:00 PM	466200.000	70.596	16.240	159.023
42131.938	50597.762	33.299	34.406	23.735
1.024				
1/23/2016 9:30:00 PM	467100.000	70.618	16.240	159.073
42099.750	50559.016	33.271	34.380	23.753
1.024				
1/23/2016 9:45:00 PM	468000.000	70.636	16.240	159.114
42084.277	50540.734	33.258	34.368	23.762
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1/23/2016 10:00:00 PM	468900.000	70.635	16.241	159.113
42113.215	50574.570	33.282	34.391	23.746
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1/23/2016 10:15:00 PM	469800.000	70.651	16.240	159.149
42106.078	50566.707	33.277	34.385	23.750
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1/23/2016 10:30:00 PM	470700.000	70.688	16.240	159.232
42136.918	50603.953	33.304	34.411	23.732
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1/23/2016 10:45:00 PM	471600.000	70.679	16.239	159.210
42102.664	50563.332	33.274	34.383	23.751
1.024				
1/23/2016 11:00:00 PM	472500.000	70.701	16.240	159.261
42067.000	50519.777	33.242	34.353	23.772
1.024				
1/23/2016 11:15:00 PM	473400.000	70.705	16.239	159.269
42089.563	50547.809	33.263	34.373	23.759
1.024				
1/23/2016 11:30:00 PM	474300.000	70.714	16.239	159.289
42062.352	50514.820	33.238	34.350	23.774
1.024				
1/23/2016 11:45:00 PM	475200.000	70.719	16.239	159.301
42053.391	50504.664	33.231	34.343	23.779
1.024				
1/24/2016 12:00:00 AM	476100.000	70.717	16.240	159.297
42069.414	50523.090	33.245	34.356	23.770
1.024				
1/24/2016 12:15:00 AM	477000.000	70.711	16.239	159.283
42088.031	50546.176	33.261	34.371	23.760
1.024				
1/24/2016 12:30:00 AM	477900.000	70.716	16.239	159.296
42089.211	50547.680	33.263	34.372	23.759
1.024				

1/24/2016 12:45:00 AM	478800.000	70.727	16.239	159.320
42055.797	50507.551	33.233	34.345	23.778
1.024				
1/24/2016 1:00:00 AM	479700.000	70.713	16.239	159.289
42088.609	50546.867	33.262	34.372	23.759
1.024				
1/24/2016 1:15:00 AM	480600.000	70.727	16.239	159.318
42081.188	50538.047	33.255	34.366	23.764
1.024				
1/24/2016 1:30:00 AM	481500.000	70.722	16.239	159.307
42089.621	50547.766	33.263	34.372	23.759
1.024				
1/24/2016 1:45:00 AM	482400.000	70.702	16.239	159.264
42084.484	50541.797	33.258	34.368	23.762
1.024				
1/24/2016 2:00:00 AM	483300.000	70.692	16.240	159.241
42061.176	50513.195	33.237	34.349	23.775
1.024				
1/24/2016 2:15:00 AM	484200.000	70.693	16.240	159.243
42069.152	50522.875	33.244	34.356	23.770
1.024				
1/24/2016 2:30:00 AM	485100.000	70.700	16.240	159.260
42070.996	50524.785	33.246	34.357	23.769
1.024				
1/24/2016 2:45:00 AM	486000.000	70.708	16.240	159.277
42113.047	50575.191	33.283	34.391	23.746
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1/24/2016 3:00:00 AM	486900.000	70.674	16.241	159.200
42093.230	50550.473	33.265	34.374	23.757
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1/24/2016 3:15:00 AM	487800.000	70.676	16.240	159.203
42091.234	50548.680	33.263	34.373	23.758
1.024				
1/24/2016 3:30:00 AM	488700.000	70.668	16.241	159.187
42096.410	50553.883	33.267	34.377	23.755
1.024				
1/24/2016 3:45:00 AM	489600.000	70.681	16.241	159.216
42105.949	50565.340	33.276	34.384	23.750
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1/24/2016 4:00:00 AM	490500.000	70.675	16.241	159.203
42070.660	50522.438	33.244	34.355	23.770
1.024				
1/24/2016 4:15:00 AM	491400.000	70.639	16.242	159.122
42076.047	50528.402	33.249	34.359	23.766
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1/24/2016 4:30:00 AM	492300.000	70.668	16.242	159.186
42054.242	50502.004	33.229	34.341	23.779
1.024				
1/24/2016 4:45:00 AM	493200.000	70.669	16.242	159.188
42067.648	50518.016	33.241	34.352	23.771
1.024				
1/24/2016 5:00:00 AM	494100.000	70.658	16.242	159.165
42117.391	50577.750	33.285	34.393	23.743
1.024				
1/24/2016 5:15:00 AM	495000.000	70.663	16.243	159.175

42083.730	50536.914	33.255	34.365	23.762	1.024
1/24/2016 5:30:00 AM	495900.000	70.645	16.243	159.135	42064.250
50513.422	33.238	34.349	23.773	1.024	
1/24/2016 5:45:00 AM	496800.000	70.659	16.244	159.166	42099.004
50554.043	33.268	34.377	23.754	1.024	
1/24/2016 6:00:00 AM	497700.000	70.660	16.243	159.169	42087.086
50539.934	33.257	34.367	23.760	1.024	
1/24/2016 6:15:00 AM	498600.000	70.668	16.244	159.187	42066.469
50514.461	33.238	34.350	23.772	1.024	
1/24/2016 6:30:00 AM	499500.000	70.681	16.244	159.216	42089.910
50542.813	33.259	34.369	23.759	1.024	
1/24/2016 6:45:00 AM	500400.000	70.689	16.244	159.234	42100.281
50554.945	33.268	34.377	23.753	1.024	
1/24/2016 7:00:00 AM	501300.000	70.703	16.244	159.265	42069.641
50518.066	33.241	34.352	23.770	1.024	
1/24/2016 7:15:00 AM	502200.000	70.704	16.244	159.268	42079.750
50530.207	33.250	34.361	23.764	1.024	
1/24/2016 7:30:00 AM	503100.000	70.724	16.244	159.313	42101.090
50556.238	33.269	34.378	23.752	1.024	
1/24/2016 7:45:00 AM	504000.000	70.734	16.244	159.336	42108.887
50564.883	33.276	34.384	23.748	1.024	
1/24/2016 8:00:00 AM	504900.000	70.749	16.244	159.370	42075.879
50525.246	33.246	34.357	23.767	1.024	
1/24/2016 8:15:00 AM	505800.000	70.764	16.244	159.402	42061.047
50507.949	33.234	34.345	23.775	1.024	
1/24/2016 8:30:00 AM	506700.000	70.774	16.244	159.425	42090.570
50543.707	33.260	34.370	23.758	1.024	
1/24/2016 8:45:00 AM	507600.000	70.795	16.244	159.474	42071.754
50521.320	33.244	34.354	23.769	1.024	
1/24/2016 9:00:00 AM	508500.000	70.822	16.244	159.534	42089.824
50542.707	33.259	34.369	23.759	1.024	
1/24/2016 9:15:00 AM	509400.000	70.820	16.243	159.530	42091.902
50546.727	33.262	34.372	23.758	1.024	
1/24/2016 9:30:00 AM	510300.000	70.818	16.243	159.525	42078.828
50530.414	33.250	34.361	23.765	1.024	
1/24/2016 9:45:00 AM	511200.000	70.843	16.243	159.582	

42097.512	50553.367	33.267	34.376	23.754		
1.024						
1/24/2016 10:00:00 AM	512100.000	70.867	16.242	159.634		
42040.086	50484.715	33.217	34.330	23.787		
1.024						
1/24/2016 10:15:00 AM	513000.000	70.864	16.242	159.628		
42101.293	50558.305	33.271	34.380	23.752		
1.024						
1/24/2016 10:30:00 AM	513900.000	70.877	16.242	159.658		
42095.344	50551.676	33.266	34.375	23.756		
1.024						
1/24/2016 10:45:00 AM	514800.000	70.881	16.242	159.666		
42088.523	50543.793	33.260	34.370	23.759		
1.024						
1/24/2016 11:00:00 AM	515700.000	70.870	16.241	159.642		
42057.789	50506.980	33.233	34.345	23.777		
1.024						
1/24/2016 11:15:00 AM	516600.000	70.387	16.241	158.553		
42068.922	50521.172	33.243	34.354	23.771		
1.024						
1/24/2016 11:30:00 AM	517500.000	70.212	16.241	158.159		
42029.953	50473.863	33.208	34.322	23.793		
1.024						
1/24/2016 11:45:00 AM	518400.000	70.100	16.242	157.907		
42107.211	50565.926	33.276	34.385	23.749		
1.024						
1/24/2016 12:00:00 PM	519300.000	70.024	16.243	157.736		
42048.906	50494.996	33.224	34.337	23.782		
1.024						
1/24/2016 12:15:00 PM	520200.000	69.943	16.243	157.552		
42041.895	50486.172	33.218	34.331	23.786		
1.024						
1/24/2016 12:30:00 PM	521100.000	69.883	16.244	157.418		
42045.984	50490.465	33.221	34.334	23.783		
1.024						
1/24/2016 12:45:00 PM	522000.000	69.837	16.244	157.314		
42053.875	50499.852	33.228	34.340	23.779		
1.024						
1/24/2016 1:00:00 PM	522900.000	69.796	16.244	157.223		
42093.031	50546.051	33.262	34.371	23.757		
1.024						
1/24/2016 1:15:00 PM	523800.000	69.743	16.244	157.102		
42078.941	50529.641	33.250	34.360	23.765		
1.024						
1/24/2016 1:30:00 PM	524700.000	69.693	16.245	156.991		
42068.695	50516.020	33.240	34.351	23.771		
1.024						
1/24/2016 1:45:00 PM	525600.000	69.649	16.245	156.890		
42101.633	50555.059	33.268	34.377	23.752		
1.024						
1/24/2016 2:00:00 PM	526500.000	69.595	16.246	156.770		
42092.887	50544.352	33.261	34.370	23.757		
1.024						
1/24/2016 2:15:00 PM	527400.000	69.552	16.247	156.674		
42043.805	50484.199	33.216	34.329	23.785		

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1/24/2016 2:30:00 PM 528300.000 69.513 16.247 156.585
42061.012 50504.348 33.231 34.343 23.775
1.024
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42087.105 50535.680 33.254 34.364 23.760
1.024
1/24/2016 3:00:00 PM 530100.000 69.426 16.248 156.388
42037.738 50475.785 33.210 34.324 23.788
1.024
1/24/2016 3:15:00 PM 531000.000 69.384 16.248 156.295
42060.441 50502.734 33.230 34.342 23.775
1.024
1/24/2016 3:30:00 PM 531900.000 69.349 16.248 156.216
42085.152 50532.000 33.252 34.362 23.761
1.024
1/24/2016 3:45:00 PM 532800.000 69.312 16.249 156.132
42088.469 50535.063 33.254 34.364 23.759
1.024
1/24/2016 4:00:00 PM 533700.000 69.278 16.250 156.056
42059.145 50499.254 33.228 34.339 23.776
1.024
1/24/2016 4:15:00 PM 534600.000 69.246 16.250 155.984
42093.488 50539.773 33.258 34.367 23.757
1.024
1/24/2016 4:30:00 PM 535500.000 69.211 16.250 155.905
42114.922 50565.398 33.276 34.384 23.745
1.024
1/24/2016 4:45:00 PM 536400.000 69.178 16.251 155.831
42077.555 50519.516 33.243 34.353 23.766
1.024
1/24/2016 5:00:00 PM 537300.000 69.151 16.251 155.769
42039.582 50473.715 33.209 34.322 23.787
1.024
1/24/2016 5:15:00 PM 538200.000 69.124 16.252 155.710
42066.215 50504.691 33.232 34.343 23.772
1.024
1/24/2016 5:30:00 PM 539100.000 69.096 16.252 155.645
42046.652 50481.293 33.215 34.327 23.783
1.024
1/24/2016 5:45:00 PM 540000.000 69.066 16.253 155.578
42076.863 50516.961 33.241 34.352 23.766
1.024
1/24/2016 6:00:00 PM 540900.000 69.043 16.254 155.527
42068.832 50506.293 33.233 34.344 23.771
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1/24/2016 6:15:00 PM 541800.000 69.027 16.254 155.491
42069.820 50507.074 33.234 34.345 23.770
1.024
1/24/2016 6:30:00 PM 542700.000 69.006 16.254 155.443
42061.699 50496.707 33.226 34.338 23.775
1.024
1/24/2016 6:45:00 PM 543600.000 68.993 16.255 155.413
42085.980 50525.551 33.247 34.357 23.761

1.024
1/24/2016 7:00:00 PM 544500.000 68.976 16.255 155.376
42082.691 50521.301 33.244 34.354 23.763
1.024
1/24/2016 7:15:00 PM 545400.000 68.971 16.256 155.365
42080.961 50518.410 33.242 34.353 23.764
1.024
1/24/2016 7:30:00 PM 546300.000 68.963 16.256 155.347
42085.750 50523.855 33.246 34.356 23.761
1.024
1/24/2016 7:45:00 PM 547200.000 68.941 16.256 155.297
42097.559 50537.930 33.257 34.366 23.754
1.024
1/24/2016 8:00:00 PM 548100.000 68.956 16.256 155.330
42080.934 50517.457 33.242 34.352 23.764
1.024
1/24/2016 8:15:00 PM 549000.000 68.947 16.257 155.310
42119.820 50563.227 33.275 34.383 23.742
1.024
1/24/2016 8:30:00 PM 549900.000 68.941 16.257 155.296
42076.051 50510.684 33.237 34.347 23.766
1.024
1/24/2016 8:45:00 PM 550800.000 68.940 16.257 155.293
42081.883 50517.484 33.242 34.352 23.763
1.024
1/24/2016 9:00:00 PM 551700.000 68.937 16.258 155.286
42099.121 50537.773 33.257 34.366 23.753
1.024
1/24/2016 9:15:00 PM 552600.000 68.943 16.258 155.300
42053.227 50482.777 33.216 34.328 23.779
1.024
1/24/2016 9:30:00 PM 553500.000 68.938 16.258 155.290
42059.660 50489.785 33.221 34.333 23.776
1.024
1/24/2016 9:45:00 PM 554400.000 68.943 16.258 155.300
42051.941 50480.520 33.215 34.327 23.780
1.024
1/24/2016 10:00:00 PM 555300.000 68.935 16.258 155.283
42081.332 50515.605 33.240 34.351 23.764
1.024
1/24/2016 10:15:00 PM 556200.000 68.944 16.258 155.302
42090.285 50526.352 33.248 34.358 23.758
1.024
1/24/2016 10:30:00 PM 557100.000 68.949 16.258 155.315
42086.148 50521.582 33.245 34.355 23.761
1.024
1/24/2016 10:45:00 PM 558000.000 68.947 16.258 155.311
42093.457 50530.254 33.251 34.361 23.757
1.024
1/24/2016 11:00:00 PM 558900.000 68.942 16.258 155.299
42075.902 50509.395 33.236 34.346 23.767
1.024
1/24/2016 11:15:00 PM 559800.000 68.945 16.258 155.306
42048.355 50476.832 33.212 34.324 23.782
1.024

1/24/2016 11:30:00 PM	560700.000	68.945	16.258	155.306
42085.520	50520.629	33.244	34.354	23.761
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1/24/2016 11:45:00 PM	561600.000	68.935	16.258	155.282
42075.273	50508.637	33.235	34.346	23.767
1.024				
1/25/2016 12:00:00 AM	562500.000	68.922	16.258	155.254
42080.984	50515.281	33.240	34.350	23.764
1.024				
1/25/2016 12:15:00 AM	563400.000	68.929	16.258	155.268
42085.285	50520.957	33.244	34.354	23.761
1.024				
1/25/2016 12:30:00 AM	564300.000	68.921	16.258	155.252
42067.516	50499.625	33.229	34.340	23.771
1.024				
1/25/2016 12:45:00 AM	565200.000	68.916	16.258	155.240
42069.930	50502.621	33.231	34.342	23.770
1.024				
1/25/2016 1:00:00 AM	566100.000	68.904	16.258	155.212
42088.438	50524.945	33.247	34.357	23.759
1.024				
1/25/2016 1:15:00 AM	567000.000	68.896	16.258	155.194
42095.508	50532.621	33.253	34.362	23.756
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1/25/2016 1:30:00 AM	567900.000	68.860	16.259	155.113
42068.406	50499.887	33.229	34.340	23.771
1.024				
1/25/2016 1:45:00 AM	568800.000	68.870	16.258	155.136
42077.258	50511.215	33.237	34.348	23.766
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1/25/2016 2:00:00 AM	569700.000	68.838	16.258	155.064
42100.426	50538.832	33.257	34.366	23.753
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42089.734	50525.281	33.247	34.357	23.759
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1/25/2016 2:30:00 AM	571500.000	68.834	16.258	155.055
42055.047	50484.449	33.217	34.329	23.778
1.024				
1/25/2016 2:45:00 AM	572400.000	68.816	16.259	155.015
42048.090	50475.383	33.211	34.323	23.782
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1/25/2016 3:00:00 AM	573300.000	68.813	16.259	155.009
42084.996	50519.684	33.243	34.353	23.761
1.024				
1/25/2016 3:15:00 AM	574200.000	68.802	16.258	154.984
42052.164	50480.590	33.215	34.327	23.780
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1/25/2016 3:30:00 AM	575100.000	68.791	16.259	154.957
42053.480	50481.453	33.215	34.327	23.779
1.024				
1/25/2016 3:45:00 AM	576000.000	68.777	16.259	154.927
42067.223	50497.953	33.227	34.339	23.771
1.024				

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42103.449	50541.234	33.259	34.368	23.751
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1/25/2016 4:15:00 AM	577800.000	68.754	16.259	154.876
42117.984	50558.574	33.272	34.380	23.743
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1/25/2016 4:30:00 AM	578700.000	68.729	16.260	154.820
42073.047	50504.023	33.232	34.343	23.768
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1/25/2016 4:45:00 AM	579600.000	68.740	16.260	154.844
42099.207	50535.426	33.255	34.364	23.753
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1/25/2016 5:00:00 AM	580500.000	68.730	16.260	154.820
42048.086	50474.156	33.210	34.322	23.782
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1/25/2016 5:15:00 AM	581400.000	68.721	16.260	154.800
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1/25/2016 5:30:00 AM	582300.000	68.704	16.260	154.762
42096.957	50532.316	33.253	34.362	23.755
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1/25/2016 5:45:00 AM	583200.000	68.707	16.261	154.769
42089.941	50523.383	33.246	34.356	23.759
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42081.742	50513.754	33.239	34.349	23.763
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42095.258	50530.066	33.251	34.360	23.756
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1/25/2016 6:30:00 AM	585900.000	68.701	16.260	154.757
42100.480	50536.449	33.256	34.365	23.753
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42074.266	50504.781	33.233	34.343	23.767
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42063.477	50491.617	33.223	34.334	23.774
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42043.555	50468.117	33.206	34.318	23.785
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1/25/2016 9:00:00 AM 594900.000 68.770 16.260 154.912
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1.024
1/25/2016 10:00:00 AM 598500.000 68.791 16.259 154.958
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1.024
1/25/2016 10:15:00 AM 599400.000 68.802 16.259 154.983
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1.024
1/25/2016 10:30:00 AM 600300.000 68.805 16.258 154.991
42039.602 50465.703 33.204 34.317 23.787
1.024
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42070.773 50503.023 33.231 34.342 23.769
1.024
1/25/2016 11:00:00 AM 602100.000 68.809 16.258 154.998
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42050.582 50479.297 33.214 34.326 23.781
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1/25/2016 11:30:00 AM 603900.000 68.809 16.257 154.998
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42042.820 50471.305 33.208 34.320 23.785
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1.024
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42126.578 50572.059 33.282 34.389 23.738
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42093.375	50530.367	33.251	34.361	23.757		
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42097.137	50534.063	33.254	34.363	23.755		
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42046.516	50470.957	33.208	34.320	23.783		

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42087.133 50515.637 33.241 34.351 23.760
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42092.074 50521.160 33.245 34.354 23.757
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42076.020 50502.301 33.231 34.342 23.767
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42109.629 50542.320 33.260 34.369 23.748
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42098.398	50529.258	33.251	34.360	23.754
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42084.484	50512.656	33.239	34.349	23.762
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42093.574	50523.469	33.247	34.356	23.757
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42082.000	50509.371	33.236	34.346	23.763
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42078.156	50505.262	33.233	34.344	23.765
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42075.008	50500.766	33.230	34.341	23.767
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42077.613	50503.699	33.232	34.343	23.766
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42068.148	50491.934	33.223	34.335	23.771
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42107.492	50539.563	33.258	34.367	23.749
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1/26/2016 7:00:00 AM	674100.000	68.350	16.265	153.964
42101.742	50532.254	33.253	34.362	23.752
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1/26/2016 7:30:00 AM	675900.000	68.360	16.265	153.987
42116.426	50549.672	33.266	34.374	23.744
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42110.414	50542.352	33.261	34.369	23.747
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1/26/2016 8:00:00 AM	677700.000	68.369	16.265	154.008
42085.230	50512.945	33.239	34.349	23.761
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42115.355	50549.105	33.265	34.373	23.744
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42116.426	50549.977	33.266	34.374	23.744
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1/26/2016 9:15:00 AM	682200.000	68.432	16.264	154.151
42087.801	50516.941	33.242	34.352	23.760
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1/26/2016 9:30:00 AM	683100.000	68.442	16.264	154.171
42081.074	50509.277	33.236	34.346	23.764
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1/26/2016 9:45:00 AM	684000.000	68.455	16.263	154.201
42066.242	50491.891	33.223	34.334	23.772
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1/26/2016 10:00:00 AM	684900.000	68.469	16.263	154.233
42047.586	50469.387	33.207	34.319	23.783
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1/26/2016 10:15:00 AM	685800.000	68.477	16.263	154.252
42101.512	50534.629	33.255	34.364	23.752
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1/26/2016 10:30:00 AM	686700.000	68.486	16.262	154.271
42115.520	50552.359	33.268	34.376	23.744
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42090.832	50522.410	33.246	34.355	23.758
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42076.633	50506.391	33.234	34.344	23.766
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1/26/2016 11:15:00 AM	689400.000	68.520	16.261	154.347
42105.074	50540.734	33.259	34.368	23.750
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1/26/2016 11:30:00 AM	690300.000	68.524	16.261	154.356
42090.629	50524.207	33.247	34.356	23.758
1.024				
1/26/2016 11:45:00 AM	691200.000	68.533	16.260	154.376

42086.500	50519.969	33.244	34.354	23.761	
1.024					
1/26/2016 12:00:00 PM	692100.000	68.539	16.260	154.390	
42097.879	50533.926	33.254	34.363	23.754	
1.024					
1/26/2016 12:15:00 PM	693000.000	68.546	16.260	154.406	
42086.500	50519.551	33.243	34.353	23.761	
1.024					
1/26/2016 12:30:00 PM	693900.000	68.540	16.260	154.394	
42094.789	50530.527	33.251	34.361	23.756	
1.024					
1/26/2016 12:45:00 PM	694800.000	68.541	16.259	154.395	
42067.801	50498.953	33.228	34.339	23.771	
1.024					
1/26/2016 1:00:00 PM	695700.000	68.539	16.258	154.390	
42106.484	50545.891	33.263	34.371	23.749	
1.024					
1/26/2016 1:15:00 PM	696600.000	68.539	16.258	154.390	
42061.133	50491.754	33.223	34.334	23.775	
1.024					
1/26/2016 1:30:00 PM	697500.000	68.535	16.258	154.382	
42075.398	50509.090	33.236	34.346	23.767	
1.024					
1/26/2016 1:45:00 PM	698400.000	68.530	16.258	154.371	
42105.785	50545.773	33.262	34.371	23.750	
1.024					
1/26/2016 2:00:00 PM	699300.000	68.517	16.257	154.342	
42097.504	50536.234	33.255	34.365	23.754	
1.024					
1/26/2016 2:15:00 PM	700200.000	68.509	16.258	154.324	
42107.055	50547.188	33.264	34.372	23.749	
1.024					
1/26/2016 2:30:00 PM	701100.000	68.498	16.257	154.299	
42061.547	50493.160	33.224	34.335	23.775	
1.024					
1/26/2016 2:45:00 PM	702000.000	68.486	16.258	154.271	
42071.727	50504.379	33.232	34.343	23.769	
1.024					
1/26/2016 3:00:00 PM	702900.000	68.476	16.258	154.250	
42060.211	50491.266	33.222	34.334	23.775	
1.024					
1/26/2016 3:15:00 PM	703800.000	68.452	16.258	154.194	
42096.059	50533.891	33.254	34.363	23.755	
1.024					
1/26/2016 3:30:00 PM	704700.000	68.438	16.258	154.164	
42128.496	50572.527	33.282	34.389	23.737	
1.024					
1/26/2016 3:45:00 PM	705600.000	68.422	16.258	154.128	
42106.168	50545.512	33.262	34.371	23.749	
1.024					
1/26/2016 4:00:00 PM	706500.000	68.409	16.259	154.098	
42089.941	50525.832	33.248	34.358	23.759	
1.024					
1/26/2016 4:15:00 PM	707400.000	68.389	16.259	154.053	

42095.629	50532.563	33.253	34.362	23.755		
1.024						
1/26/2016 4:30:00 PM	708300.000	68.368	16.258	154.006		
42090.746	50526.906	33.249	34.358	23.758		
1.024						
1/26/2016 4:45:00 PM	709200.000	68.353	16.259	153.972		
42097.273	50533.820	33.254	34.363	23.755		
1.024						
1/26/2016 5:00:00 PM	710100.000	68.331	16.259	153.922		
42089.762	50524.805	33.247	34.357	23.759		
1.024						
1/26/2016 5:15:00 PM	711000.000	68.301	16.260	153.854		
42079.602	50511.988	33.238	34.348	23.764		
1.024						
1/26/2016 5:30:00 PM	711900.000	68.300	16.260	153.852		
42083.992	50516.852	33.241	34.351	23.762		
1.024						
1/26/2016 5:45:00 PM	712800.000	68.288	16.260	153.826		
42095.109	50530.398	33.251	34.361	23.756		
1.024						
1/26/2016 6:00:00 PM	713700.000	68.271	16.261	153.788		
42105.813	50542.336	33.260	34.369	23.750		
1.024						
1/26/2016 6:15:00 PM	714600.000	68.269	16.261	153.783		
42082.953	50514.066	33.239	34.350	23.763		
1.024						
1/26/2016 6:30:00 PM	715500.000	68.258	16.261	153.757		
42069.422	50498.453	33.228	34.339	23.770		
1.024						
1/26/2016 6:45:00 PM	716400.000	68.245	16.261	153.728		
42093.953	50527.270	33.249	34.359	23.756		
1.024						
1/26/2016 7:00:00 PM	717300.000	68.251	16.262	153.743		
42109.035	50544.977	33.262	34.371	23.748		
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1/26/2016 7:15:00 PM	718200.000	68.233	16.262	153.702		
42087.598	50518.527	33.243	34.353	23.760		
1.024						
1/26/2016 7:30:00 PM	719100.000	68.219	16.262	153.670		
42071.578	50499.301	33.229	34.340	23.769		
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1/26/2016 7:45:00 PM	720000.000	68.223	16.263	153.678		
42112.543	50548.164	33.265	34.373	23.746		
1.024						
1/26/2016 8:00:00 PM	720900.000	68.231	16.263	153.697		
42079.695	50508.336	33.235	34.346	23.764		
1.024						
1/26/2016 8:15:00 PM	721800.000	68.230	16.263	153.694		
42082.141	50511.273	33.238	34.348	23.763		
1.024						
1/26/2016 8:30:00 PM	722700.000	68.229	16.263	153.693		
42099.410	50531.703	33.253	34.362	23.753		
1.024						
1/26/2016 8:45:00 PM	723600.000	68.231	16.264	153.697		
42082.168	50510.492	33.237	34.347	23.763		

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1/26/2016 9:00:00 PM 724500.000 68.235 16.264 153.706
42078.996 50506.781 33.234 34.345 23.765
1.024
1/26/2016 9:15:00 PM 725400.000 68.239 16.263 153.716
42091.902 50522.582 33.246 34.355 23.758
1.024
1/26/2016 9:30:00 PM 726300.000 68.244 16.264 153.726
42084.711 50512.926 33.239 34.349 23.762
1.024
1/26/2016 9:45:00 PM 727200.000 68.255 16.264 153.751
42081.160 50509.082 33.236 34.346 23.764
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1/26/2016 10:00:00 PM 728100.000 68.265 16.264 153.774
42100.621 50532.332 33.253 34.362 23.753
1.024
1/26/2016 10:15:00 PM 729000.000 68.276 16.264 153.799
42095.391 50526.363 33.249 34.358 23.756
1.024
1/26/2016 10:30:00 PM 729900.000 68.283 16.263 153.815
42068.141 50493.957 33.225 34.336 23.771
1.024
1/26/2016 10:45:00 PM 730800.000 68.292 16.264 153.835
42093.313 50524.070 33.247 34.356 23.757
1.024
1/26/2016 11:00:00 PM 731700.000 68.305 16.264 153.864
42086.531 50515.730 33.241 34.351 23.761
1.024
1/26/2016 11:15:00 PM 732600.000 68.330 16.263 153.921
42087.371 50517.551 33.242 34.352 23.760
1.024
1/26/2016 11:30:00 PM 733500.000 68.336 16.263 153.935
42115.109 50550.949 33.267 34.375 23.744
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42063.828 50489.902 33.222 34.333 23.773
1.024
1/27/2016 12:00:00 AM 735300.000 68.359 16.262 153.984
42086.992 50518.211 33.243 34.352 23.760
1.024
1/27/2016 12:15:00 AM 736200.000 68.366 16.262 154.000
42081.273 50511.344 33.237 34.348 23.764
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42127.313 50566.605 33.278 34.385 23.738
1.024
1/27/2016 12:45:00 AM 738000.000 68.402 16.261 154.082
42115.852 50554.184 33.269 34.377 23.744
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1/27/2016 1:00:00 AM 738900.000 68.395 16.261 154.066
42066.793 50495.180 33.226 34.337 23.772
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42081.020 50512.770 33.238 34.349 23.764

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1/27/2016 1:30:00 AM 740700.000 68.415 16.260 154.110
42076.633 50508.020 33.235 34.345 23.766
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42068.063 50498.332 33.228 34.339 23.771
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42055.266 50483.395 33.217 34.329 23.778
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42087.133 50522.250 33.245 34.355 23.760
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1/27/2016 3:00:00 AM 746100.000 68.435 16.259 154.156
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42088.375 50523.855 33.246 34.356 23.760
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42096.813 50535.098 33.255 34.364 23.755
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42067.566 50500.191 33.229 34.340 23.771
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42144.746 50593.039 33.297 34.403 23.728
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42097.699 50536.879 33.256 34.365 23.754
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42089.734 50527.316 33.249 34.359 23.759
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1/27/2016 5:00:00 AM 753300.000 68.419 16.257 154.120
42071.781 50505.957 33.233 34.344 23.769
1.024
1/27/2016 5:15:00 AM 754200.000 68.424 16.257 154.132
42102.176 50542.348 33.260 34.369 23.752
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1/27/2016 5:30:00 AM 755100.000 68.421 16.257 154.125
42101.199 50541.688 33.259 34.368 23.752
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1/27/2016 5:45:00 AM 756000.000 68.415 16.257 154.112
42088.234 50526.027 33.248 34.358 23.760
1.024

1/27/2016 6:00:00 AM	756900.000	68.409	16.257	154.099
42074.234	50509.316	33.236	34.346	23.768
1.024				
1/27/2016 6:15:00 AM	757800.000	68.404	16.256	154.086
42088.406	50526.531	33.248	34.358	23.760
1.024				
1/27/2016 6:30:00 AM	758700.000	68.404	16.257	154.086
42109.535	50551.395	33.267	34.375	23.748
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1/27/2016 6:45:00 AM	759600.000	68.407	16.257	154.093
42077.270	50512.660	33.238	34.349	23.766
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1/27/2016 7:00:00 AM	760500.000	68.405	16.257	154.090
42098.945	50538.684	33.257	34.366	23.754
1.024				
1/27/2016 7:15:00 AM	761400.000	68.403	16.257	154.084
42107.461	50549.109	33.265	34.373	23.749
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1/27/2016 7:30:00 AM	762300.000	68.394	16.257	154.064
42070.891	50504.887	33.232	34.343	23.769
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1/27/2016 7:45:00 AM	763200.000	68.406	16.257	154.092
42056.492	50487.922	33.220	34.332	23.778
1.024				
1/27/2016 8:00:00 AM	764100.000	68.404	16.257	154.086
42063.887	50496.684	33.226	34.338	23.773
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1/27/2016 8:15:00 AM	765000.000	68.393	16.257	154.061
42098.570	50538.434	33.257	34.366	23.754
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1/27/2016 8:30:00 AM	765900.000	68.418	16.256	154.117
42062.547	50496.098	33.226	34.337	23.774
1.024				
1/27/2016 8:45:00 AM	766800.000	68.411	16.256	154.103
42144.996	50594.469	33.298	34.404	23.728
1.024				
1/27/2016 9:00:00 AM	767700.000	68.439	16.256	154.166
42099.930	50540.773	33.259	34.368	23.753
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42077.320	50513.836	33.239	34.349	23.766
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1/27/2016 9:30:00 AM	769500.000	68.458	16.256	154.209
42068.383	50503.418	33.231	34.342	23.771
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1/27/2016 9:45:00 AM	770400.000	68.462	16.255	154.217
42065.082	50499.859	33.229	34.340	23.773
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1/27/2016 10:00:00 AM	771300.000	68.478	16.255	154.254
42071.492	50507.855	33.234	34.345	23.769
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42096.313	50538.477	33.257	34.366	23.755
1.024				

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42134.219	50583.984	33.290	34.397	23.734
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42059.402	50494.973	33.225	34.337	23.776
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42075.504	50514.102	33.239	34.350	23.767
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1/27/2016 11:15:00 AM	775800.000	68.532	16.253	154.375
42114.551	50561.582	33.274	34.382	23.745
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1/27/2016 11:30:00 AM	776700.000	68.538	16.252	154.389
42100.539	50546.098	33.262	34.371	23.753
1.024				
1/27/2016 11:45:00 AM	777600.000	68.553	16.252	154.423
42034.918	50467.715	33.205	34.318	23.790
1.024				
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42056.328	50493.625	33.224	34.336	23.778
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1/27/2016 12:15:00 PM	779400.000	68.569	16.250	154.457
42070.051	50511.320	33.237	34.348	23.770
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1/27/2016 12:30:00 PM	780300.000	68.573	16.250	154.467
42055.203	50493.594	33.224	34.336	23.778
1.024				
1/27/2016 12:45:00 PM	781200.000	68.587	16.250	154.500
42094.793	50541.027	33.258	34.368	23.756
1.024				
1/27/2016 1:00:00 PM	782100.000	68.585	16.250	154.494
42055.449	50494.504	33.224	34.336	23.778
1.024				
1/27/2016 1:15:00 PM	783000.000	68.585	16.249	154.494
42096.926	50544.703	33.261	34.370	23.755
1.024				
1/27/2016 1:30:00 PM	783900.000	68.563	16.249	154.445
42078.242	50522.898	33.245	34.356	23.765
1.024				
1/27/2016 1:45:00 PM	784800.000	68.570	16.249	154.462
42084.102	50529.934	33.250	34.360	23.762
1.024				
1/27/2016 2:00:00 PM	785700.000	68.592	16.248	154.510
42077.496	50522.602	33.245	34.355	23.766
1.024				
1/27/2016 2:15:00 PM	786600.000	68.571	16.248	154.462
42072.500	50517.426	33.241	34.352	23.768
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1/27/2016 2:30:00 PM	787500.000	68.563	16.248	154.445
42136.398	50593.328	33.297	34.403	23.732
1.024				
1/27/2016 2:45:00 PM	788400.000	68.557	16.248	154.431
42098.301	50548.191	33.264	34.373	23.754
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42071.602 50515.527 33.240 34.351 23.769
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42072.363 50516.953 33.241 34.352 23.769
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42103.391 50554.613 33.268 34.377 23.751
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42066.328 50510.016 33.235 34.347 23.772
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42115.680 50568.965 33.279 34.387 23.744
1.024
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42074.035 50517.934 33.241 34.352 23.768
1.024
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42067.949 50510.328 33.236 34.347 23.771
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42089.273 50534.711 33.254 34.364 23.759
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42114.809 50564.457 33.276 34.384 23.745
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42098.137 50544.016 33.261 34.370 23.754
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1/27/2016 7:15:00 PM 804600.000 68.336 16.252 153.933
42100.250 50546.262 33.262 34.371 23.753
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1/27/2016 7:30:00 PM 805500.000 68.350 16.251 153.964

42069.988	50510.133	33.236	34.347	23.770	1.024	
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33.240	34.351	23.767	1.024			
1/27/2016 8:00:00 PM	807300.000	68.321	16.252	153.900	42082.926	50524.641
33.247	34.357	23.763	1.024			
1/27/2016 8:15:00 PM	808200.000	68.325	16.252	153.908	42114.633	50562.504
33.274	34.383	23.745	1.024			
1/27/2016 8:30:00 PM	809100.000	68.292	16.252	153.835	42085.375	50527.480
33.249	34.359	23.761	1.024			
1/27/2016 8:45:00 PM	810000.000	68.308	16.253	153.870	42074.637	50514.086
33.239	34.350	23.767	1.024			
1/27/2016 9:00:00 PM	810900.000	68.314	16.253	153.883	42063.496	50500.711
33.229	34.340	23.774	1.024			
1/27/2016 9:15:00 PM	811800.000	68.312	16.254	153.879	42056.191	50490.914
33.222	34.334	23.778	1.024			
1/27/2016 9:30:00 PM	812700.000	68.302	16.253	153.857	42068.695	50506.531
33.233	34.344	23.771	1.024			
1/27/2016 9:45:00 PM	813600.000	68.317	16.254	153.892	42078.305	50517.555
33.241	34.352	23.765	1.024			
1/27/2016 10:00:00 PM	814500.000	68.314	16.254	153.883	42078.160	50516.984
33.241	34.352	23.765	1.024			
1/27/2016 10:15:00 PM	815400.000	68.316	16.254	153.889	42096.691	50539.336
33.257	34.367	23.755	1.024			
1/27/2016 10:30:00 PM	816300.000	68.326	16.254	153.912	42085.984	50526.078
33.248	34.358	23.761	1.024			
1/27/2016 10:45:00 PM	817200.000	68.337	16.254	153.936	42091.551	50533.367
33.253	34.363	23.758	1.024			
1/27/2016 11:00:00 PM	818100.000	68.342	16.254	153.947	42106.949	50551.652
33.267	34.375	23.749	1.024			
1/27/2016 11:15:00 PM	819000.000	68.354	16.254	153.974	42126.629	50575.375
33.284	34.391	23.738	1.024			
1/27/2016 11:30:00 PM	819900.000	68.360	16.253	153.989	42107.402	50553.426
33.268	34.376	23.749	1.024			
1/27/2016 11:45:00 PM	820800.000	68.365	16.253	154.000	42107.762	50553.637
33.268	34.376	23.749	1.024			

Report Date: 2/1/2016 10:39:29 AM
Report User Name: KMakar
Report Computer Name: WKST46
Application: WinSitu.exe
Application Version: 5.6.25.0

Log File Properties:
File Name: MPWSP MW-1S LT Test_2016-01-28_13-46-06-511.wsl
Create Date: 1/28/2016 1:46:00 PM

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

_____
Log Data:
Record Count: 967
Sensors: 1
1 - 421436: PCTD 100 PSIG (70m/231ft)
Time Zone: Pacific Standard Time

Sensor: PCTD(G) 231ft Sensor: PCTD(G) 231ft Sensor: PCTD(G) 231ft
Sensor: PCTD(G) 231ft Sensor: PCTD(G) 231ft Sensor: PCTD(G) 231ft Sensor: PCTD(G) 231ft
Sensor: PCTD(G) 231ft Sensor: PCTD(G) 231ft
Elapsed Time SN#: 421436 SN#: 421436 SN#: 421436 SN#: 421436 SN#: 421436 SN#: 421436 SN#: 421436 SN#: 421436
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)
--- --- --- --- --- --- --- --- --- --- --- ---
1/21/2016 12:00:00 AM 216900.000 20.327 15.897 45.788 40727.066 49299.008 32.323 33523.328 24.554 1.024
1/21/2016 12:15:00 AM 217800.000 20.313 15.896 45.757 40751.832 49329.484 32.345 33544.051 24.539 1.024

1/21/2016 12:30:00 AM	218700.000	20.307	15.895	45.743
40732.539	49306.824	32.328	33528.641	24.550
1.024				
1/21/2016 12:45:00 AM	219600.000	20.292	15.896	45.710
40710.344	49279.871	32.309	33510.316	24.564
1.024				
1/21/2016 1:00:00 AM	220500.000	20.277	15.895	45.676
40713.094	49283.691	32.311	33512.914	24.562
1.024				
1/21/2016 1:15:00 AM	221400.000	20.269	15.896	45.658
40751.500	49329.176	32.345	33543.844	24.539
1.024				
1/21/2016 1:30:00 AM	222300.000	20.259	15.895	45.634
40744.078	49321.012	32.339	33538.293	24.543
1.024				
1/21/2016 1:45:00 AM	223200.000	20.246	15.895	45.607
40762.457	49343.652	32.355	33553.684	24.532
1.024				
1/21/2016 2:00:00 AM	224100.000	20.242	15.895	45.596
40744.770	49322.238	32.339	33539.125	24.543
1.024				
1/21/2016 2:15:00 AM	225000.000	20.231	15.895	45.572
40766.762	49349.164	32.359	33557.434	24.530
1.024				
1/21/2016 2:30:00 AM	225900.000	20.227	15.895	45.562
40734.773	49309.633	32.330	33530.551	24.549
1.024				
1/21/2016 2:45:00 AM	226800.000	20.223	15.895	45.555
40752.578	49331.301	32.346	33545.289	24.538
1.024				
1/21/2016 3:00:00 AM	227700.000	20.226	15.895	45.561
40733.984	49309.488	32.330	33530.457	24.550
1.024				
1/21/2016 3:15:00 AM	228600.000	20.216	15.895	45.538
40718.750	49290.930	32.317	33517.832	24.559
1.024				
1/21/2016 3:30:00 AM	229500.000	20.213	15.895	45.533
40744.480	49321.500	32.339	33538.625	24.543
1.024				
1/21/2016 3:45:00 AM	230400.000	20.213	15.894	45.531
40715.613	49287.855	32.314	33515.742	24.561
1.024				
1/21/2016 4:00:00 AM	231300.000	20.201	15.894	45.505
40712.219	49284.027	32.311	33513.141	24.563
1.024				
1/21/2016 4:15:00 AM	232200.000	20.197	15.895	45.496
40712.117	49282.816	32.311	33512.316	24.563
1.024				
1/21/2016 4:30:00 AM	233100.000	20.198	15.894	45.498
40743.906	49321.898	32.339	33538.891	24.544
1.024				
1/21/2016 4:45:00 AM	234000.000	20.190	15.893	45.479
40720.297	49294.625	32.319	33520.344	24.558
1.024				
1/21/2016 5:00:00 AM	234900.000	20.182	15.894	45.462
40726.910	49301.813	32.324	33525.234	24.554
1.024				
1/21/2016 5:15:00 AM	235800.000	20.185	15.895	45.470

40735.711	49311.379	32.332	33531.738	24.548
1.024				
1/21/2016 5:30:00 AM	236700.000	20.177	15.894	45.450
40731.938	49308.008	32.329	33529.445	24.551
1.024				
1/21/2016 5:45:00 AM	237600.000	20.181	15.894	45.459
40724.270	49298.832	32.322	33523.207	24.555
1.024				
1/21/2016 6:00:00 AM	238500.000	20.183	15.894	45.464
40729.066	49304.531	32.326	33527.086	24.552
1.024				
1/21/2016 6:15:00 AM	239400.000	20.187	15.894	45.472
40745.559	49324.195	32.341	33540.453	24.543
1.024				
1/21/2016 6:30:00 AM	240300.000	20.190	15.893	45.480
40730.512	49306.891	32.328	33528.691	24.552
1.024				
1/21/2016 6:45:00 AM	241200.000	20.191	15.893	45.483
40745.570	49325.313	32.342	33541.215	24.543
1.024				
1/21/2016 7:00:00 AM	242100.000	20.197	15.893	45.495
40718.664	49292.344	32.317	33518.797	24.559
1.024				
1/21/2016 7:15:00 AM	243000.000	20.197	15.893	45.495
40728.531	49304.492	32.326	33527.059	24.553
1.024				
1/21/2016 7:30:00 AM	243900.000	20.204	15.893	45.512
40758.746	49341.070	32.353	33551.930	24.535
1.024				
1/21/2016 7:45:00 AM	244800.000	20.211	15.893	45.528
40740.051	49318.938	32.337	33536.879	24.546
1.024				
1/21/2016 8:00:00 AM	245700.000	20.222	15.893	45.553
40757.742	49340.559	32.353	33551.582	24.535
1.024				
1/21/2016 8:15:00 AM	246600.000	20.228	15.892	45.565
40748.277	49329.305	32.344	33543.926	24.541
1.024				
1/21/2016 8:30:00 AM	247500.000	20.234	15.893	45.578
40739.684	49318.594	32.337	33536.648	24.546
1.024				
1/21/2016 8:45:00 AM	248400.000	20.245	15.892	45.604
40746.566	49327.824	32.343	33542.922	24.542
1.024				
1/21/2016 9:00:00 AM	249300.000	20.252	15.892	45.619
40728.754	49306.668	32.328	33528.539	24.553
1.024				
1/21/2016 9:15:00 AM	250200.000	20.261	15.890	45.639
40730.211	49309.738	32.330	33530.625	24.552
1.024				
1/21/2016 9:30:00 AM	251100.000	20.272	15.890	45.664
40752.578	49337.313	32.350	33549.375	24.538
1.024				
1/21/2016 9:45:00 AM	252000.000	20.268	15.890	45.655
40771.738	49360.719	32.367	33565.293	24.527
1.024				
1/21/2016 10:00:00 AM	252900.000	20.271	15.890	45.662
40718.688	49296.789	32.320	33521.816	24.559

1.024
1/21/2016 10:15:00 AM 253800.000 20.277 15.889 45.675
40732.531 49313.766 32.333 33533.359 24.550
1.024
1/21/2016 10:30:00 AM 254700.000 20.270 15.889 45.661
40737.266 49319.891 32.337 33537.527 24.548
1.024
1/21/2016 10:45:00 AM 255600.000 20.274 15.889 45.668
40727.875 49308.922 32.329 33530.066 24.553
1.024
1/21/2016 11:00:00 AM 256500.000 20.263 15.888 45.645
40724.313 49305.398 32.327 33527.672 24.555
1.024
1/21/2016 11:15:00 AM 257400.000 20.259 15.888 45.636
40766.281 49356.125 32.364 33562.164 24.530
1.024
1/21/2016 11:30:00 AM 258300.000 20.251 15.888 45.617
40724.520 49305.867 32.327 33527.988 24.555
1.024
1/21/2016 11:45:00 AM 259200.000 20.254 15.887 45.625
40719.082 49300.188 32.323 33524.133 24.559
1.024
1/21/2016 12:00:00 PM 260100.000 20.240 15.887 45.593
40713.789 49293.875 32.318 33519.836 24.562
1.024
1/21/2016 12:15:00 PM 261000.000 20.227 15.886 45.564
40731.980 49316.797 32.335 33535.422 24.551
1.024
1/21/2016 12:30:00 PM 261900.000 20.217 15.886 45.541
40715.422 49296.746 32.320 33521.789 24.561
1.024
1/21/2016 12:45:00 PM 262800.000 20.196 15.886 45.492
40719.785 49302.031 32.324 33525.383 24.558
1.024
1/21/2016 1:00:00 PM 263700.000 20.188 15.886 45.476
40714.957 49296.594 32.320 33521.688 24.561
1.024
1/21/2016 1:15:00 PM 264600.000 20.171 15.885 45.438
40757.586 49348.809 32.358 33557.195 24.535
1.024
1/21/2016 1:30:00 PM 265500.000 20.160 15.886 45.412
40694.621 49272.266 32.302 33505.141 24.573
1.024
1/21/2016 1:45:00 PM 266400.000 20.151 15.885 45.391
40690.930 49268.797 32.300 33502.785 24.576
1.024
1/21/2016 2:00:00 PM 267300.000 20.134 15.885 45.354
40737.230 49324.059 32.340 33540.359 24.548
1.024
1/21/2016 2:15:00 PM 268200.000 20.128 15.885 45.341
40711.090 49292.512 32.317 33518.914 24.563
1.024
1/21/2016 2:30:00 PM 269100.000 20.113 15.885 45.306
40722.844 49307.246 32.328 33528.926 24.556
1.024
1/21/2016 2:45:00 PM 270000.000 20.109 15.885 45.297
40735.352 49321.992 32.339 33538.957 24.549
1.024

1/21/2016 3:00:00 PM	270900.000	20.106	15.884	45.290
40712.945	49296.063	32.320	33521.324	24.562
1.024				
1/21/2016 3:15:00 PM	271800.000	20.104	15.883	45.286
40721.852	49307.563	32.328	33529.145	24.557
1.024				
1/21/2016 3:30:00 PM	272700.000	20.087	15.884	45.248
40692.488	49270.988	32.301	33504.277	24.575
1.024				
1/21/2016 3:45:00 PM	273600.000	20.094	15.884	45.263
40751.531	49342.895	32.354	33553.168	24.539
1.024				
1/21/2016 4:00:00 PM	274500.000	20.083	15.884	45.239
40706.563	49288.754	32.314	33516.355	24.566
1.024				
1/21/2016 4:15:00 PM	275400.000	20.076	15.884	45.223
40761.063	49354.324	32.362	33560.945	24.533
1.024				
1/21/2016 4:30:00 PM	276300.000	20.058	15.884	45.182
40727.926	49314.813	32.333	33534.078	24.553
1.024				
1/21/2016 4:45:00 PM	277200.000	20.050	15.884	45.165
40729.145	49316.188	32.334	33535.012	24.552
1.024				
1/21/2016 5:00:00 PM	278100.000	20.041	15.884	45.144
40713.160	49296.227	32.320	33521.434	24.562
1.024				
1/21/2016 5:15:00 PM	279000.000	20.027	15.884	45.114
40710.211	49292.863	32.317	33519.148	24.564
1.024				
1/21/2016 5:30:00 PM	279900.000	20.017	15.885	45.090
40704.730	49285.422	32.312	33514.086	24.567
1.024				
1/21/2016 5:45:00 PM	280800.000	19.997	15.885	45.046
40706.680	49287.563	32.313	33515.543	24.566
1.024				
1/21/2016 6:00:00 PM	281700.000	19.994	15.884	45.039
40690.035	49267.922	32.299	33502.191	24.576
1.024				
1/21/2016 6:15:00 PM	282600.000	19.984	15.885	45.016
40709.250	49290.785	32.316	33517.734	24.564
1.024				
1/21/2016 6:30:00 PM	283500.000	19.967	15.885	44.978
40703.484	49283.996	32.311	33513.117	24.568
1.024				
1/21/2016 6:45:00 PM	284400.000	19.963	15.886	44.969
40710.762	49291.516	32.316	33518.230	24.564
1.024				
1/21/2016 7:00:00 PM	285300.000	19.958	15.886	44.956
40717.219	49299.133	32.322	33523.410	24.560
1.024				
1/21/2016 7:15:00 PM	286200.000	19.948	15.886	44.934
40697.457	49275.699	32.305	33507.477	24.572
1.024				
1/21/2016 7:30:00 PM	287100.000	19.943	15.886	44.924
40699.668	49278.281	32.307	33509.230	24.570
1.024				
1/21/2016 7:45:00 PM	288000.000	19.934	15.886	44.903

40695.266	49272.445	32.302	33505.266	24.573
1.024				
1/21/2016 8:00:00 PM	288900.000	19.927	15.886	44.888
40722.941	49305.758	32.327	33527.914	24.556
1.024				
1/21/2016 8:15:00 PM	289800.000	19.926	15.886	44.885
40708.328	49288.063	32.314	33515.883	24.565
1.024				
1/21/2016 8:30:00 PM	290700.000	19.916	15.887	44.862
40710.707	49290.449	32.316	33517.504	24.564
1.024				
1/21/2016 8:45:00 PM	291600.000	19.922	15.886	44.876
40729.664	49313.895	32.333	33533.449	24.552
1.024				
1/21/2016 9:00:00 PM	292500.000	19.917	15.886	44.865
40726.297	49309.914	32.330	33530.742	24.554
1.024				
1/21/2016 9:15:00 PM	293400.000	19.913	15.886	44.856
40726.285	49309.902	32.330	33530.734	24.554
1.024				
1/21/2016 9:30:00 PM	294300.000	19.911	15.887	44.852
40694.305	49270.391	32.301	33503.867	24.573
1.024				
1/21/2016 9:45:00 PM	295200.000	19.915	15.887	44.860
40721.887	49304.086	32.326	33526.777	24.557
1.024				
1/21/2016 10:00:00 PM	296100.000	19.917	15.887	44.866
40742.477	49328.512	32.343	33543.387	24.544
1.024				
1/21/2016 10:15:00 PM	297000.000	19.915	15.887	44.860
40716.039	49296.797	32.320	33521.820	24.560
1.024				
1/21/2016 10:30:00 PM	297900.000	19.916	15.886	44.862
40728.977	49312.969	32.332	33532.820	24.553
1.024				
1/21/2016 10:45:00 PM	298800.000	19.919	15.886	44.870
40712.484	49293.094	32.318	33519.305	24.562
1.024				
1/21/2016 11:00:00 PM	299700.000	19.915	15.886	44.861
40739.242	49325.797	32.341	33541.547	24.546
1.024				
1/21/2016 11:15:00 PM	300600.000	19.926	15.886	44.885
40743.027	49330.074	32.345	33544.453	24.544
1.024				
1/21/2016 11:30:00 PM	301500.000	19.923	15.887	44.879
40731.852	49315.941	32.334	33534.840	24.551
1.024				
1/21/2016 11:45:00 PM	302400.000	19.921	15.886	44.874
40707.285	49286.895	32.313	33515.090	24.566
1.024				
1/22/2016 12:00:00 AM	303300.000	19.923	15.886	44.878
40705.594	49284.559	32.311	33513.500	24.567
1.024				
1/22/2016 12:15:00 AM	304200.000	19.920	15.886	44.872
40714.129	49295.488	32.319	33520.934	24.561
1.024				
1/22/2016 12:30:00 AM	305100.000	19.914	15.886	44.859
40717.129	49298.719	32.322	33523.133	24.560

1.024
1/22/2016 12:45:00 AM 306000.000 19.917 15.886 44.864
40742.719 49330.309 32.345 33544.609 24.544
1.024
1/22/2016 1:00:00 AM 306900.000 19.910 15.885 44.848
40759.219 49350.582 32.360 33558.395 24.534
1.024
1/22/2016 1:15:00 AM 307800.000 19.908 15.886 44.844
40698.215 49276.125 32.305 33507.766 24.571
1.024
1/22/2016 1:30:00 AM 308700.000 19.906 15.886 44.840
40755.805 49346.348 32.356 33555.520 24.536
1.024
1/22/2016 1:45:00 AM 309600.000 19.910 15.885 44.850
40722.566 49306.207 32.327 33528.227 24.556
1.024
1/22/2016 2:00:00 AM 310500.000 19.905 15.885 44.839
40714.367 49296.375 32.320 33521.539 24.561
1.024
1/22/2016 2:15:00 AM 311400.000 19.908 15.885 44.844
40719.512 49303.320 32.325 33526.262 24.558
1.024
1/22/2016 2:30:00 AM 312300.000 19.905 15.886 44.838
40739.340 49326.410 32.342 33541.961 24.546
1.024
1/22/2016 2:45:00 AM 313200.000 19.920 15.884 44.871
40723.141 49308.008 32.328 33529.445 24.556
1.024
1/22/2016 3:00:00 AM 314100.000 19.928 15.885 44.889
40714.059 49296.609 32.320 33521.699 24.562
1.024
1/22/2016 3:15:00 AM 315000.000 19.927 15.884 44.888
40725.156 49311.152 32.331 33531.582 24.555
1.024
1/22/2016 3:30:00 AM 315900.000 19.932 15.884 44.900
40709.582 49292.500 32.317 33518.902 24.564
1.024
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1/22/2016 4:45:00 AM 320400.000 19.946 15.883 44.930
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1/22/2016 5:00:00 AM 321300.000 19.955 15.884 44.950
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40714.496 49297.938 32.321 33522.598 24.561
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40709.859	49293.238	32.317	33519.406	24.564
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40760.051	49355.109	32.363	33561.477	24.534
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40704.680	49387.016	32.380	33583.172	24.567
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40723.773	49424.313	32.406	33608.531	24.556
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40729.418	49438.219	32.416	33617.988	24.552
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40715.055	49422.914	32.405	33607.582	24.561
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40690.016	49398.883	32.387	33591.242	24.576
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40724.902	49455.086	32.427	33629.461	24.555
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1/23/2016 4:00:00 PM	447300.000	23.158	15.757	52.166
40710.500	49438.297	32.414	33618.047	24.564
1.024				
1/23/2016 4:15:00 PM	448200.000	23.163	15.750	52.178
40732.637	49472.973	32.439	33641.625	24.550
1.024				
1/23/2016 4:30:00 PM	449100.000	23.163	15.743	52.178
40668.293	49403.301	32.388	33594.246	24.589
1.024				
1/23/2016 4:45:00 PM	450000.000	23.159	15.740	52.167
40688.922	49431.605	32.408	33613.496	24.577
1.024				
1/23/2016 5:00:00 PM	450900.000	23.161	15.737	52.173
40673.281	49416.438	32.397	33603.180	24.586
1.024				
1/23/2016 5:15:00 PM	451800.000	23.159	15.731	52.167
40687.820	49440.578	32.414	33619.594	24.577
1.024				
1/23/2016 5:30:00 PM	452700.000	23.152	15.727	52.152
40687.895	49445.230	32.417	33622.762	24.577
1.024				
1/23/2016 5:45:00 PM	453600.000	23.163	15.723	52.177
40701.000	49466.004	32.432	33636.883	24.569
1.024				
1/23/2016 6:00:00 PM	454500.000	23.168	15.718	52.189
40695.645	49464.770	32.431	33636.043	24.573
1.024				
1/23/2016 6:15:00 PM	455400.000	23.156	15.713	52.161
40669.133	49438.211	32.411	33617.984	24.589
1.024				
1/23/2016 6:30:00 PM	456300.000	23.167	15.710	52.187
40651.730	49420.906	32.398	33606.215	24.599
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1/23/2016 6:45:00 PM	457200.000	23.157	15.706	52.162
40669.504	49446.852	32.417	33623.859	24.588
1.024				
1/23/2016 7:00:00 PM	458100.000	23.156	15.704	52.161
40677.211	49458.262	32.425	33631.617	24.584
1.024				
1/23/2016 7:15:00 PM	459000.000	23.154	15.703	52.157
40651.375	49428.461	32.403	33611.359	24.599
1.024				
1/23/2016 7:30:00 PM	459900.000	23.156	15.701	52.162
40674.750	49459.816	32.426	33632.680	24.585
1.024				
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40669.758	49455.473	32.423	33629.723	24.588
1.024				
1/23/2016 8:00:00 PM	461700.000	23.167	15.697	52.185
40674.469	49463.734	32.429	33635.340	24.585

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40685.148 49478.746 32.440 33645.551 24.579
1.024
1/23/2016 8:30:00 PM 463500.000 23.169 15.693 52.190
40647.035 49434.824 32.407 33615.680 24.602
1.024
1/23/2016 8:45:00 PM 464400.000 23.168 15.691 52.188
40658.500 49450.801 32.419 33626.547 24.595
1.024
1/23/2016 9:00:00 PM 465300.000 23.173 15.689 52.201
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1.024
1/23/2016 9:15:00 PM 466200.000 23.181 15.685 52.218
40672.738 49475.113 32.436 33643.078 24.586
1.024
1/23/2016 9:30:00 PM 467100.000 23.184 15.682 52.224
40637.207 49435.223 32.407 33615.957 24.608
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1/23/2016 9:45:00 PM 468000.000 23.196 15.678 52.252
40639.961 49442.938 32.412 33621.199 24.606
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1/23/2016 10:00:00 PM 468900.000 23.202 15.674 52.264
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1.024
1/23/2016 10:15:00 PM 469800.000 23.208 15.669 52.278
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1/23/2016 10:30:00 PM 470700.000 23.209 15.663 52.280
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1.024
1/23/2016 10:45:00 PM 471600.000 23.221 15.657 52.308
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1/23/2016 11:00:00 PM 472500.000 23.229 15.653 52.325
40665.695 49503.559 32.455 33662.422 24.591
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1/23/2016 11:15:00 PM 473400.000 23.236 15.651 52.342
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1.024
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1/24/2016 12:00:00 AM 476100.000 23.250 15.671 52.373
40805.680 49652.891 32.565 33763.965 24.506
1.024
1/24/2016 12:15:00 AM 477000.000 23.261 15.682 52.397
40863.832 49711.336 32.609 33803.707 24.472
1.024
1/24/2016 12:30:00 AM 477900.000 23.267 15.685 52.410
40857.000 49699.344 32.600 33795.555 24.476
1.024
1/24/2016 12:45:00 AM 478800.000 23.272 15.686 52.424
40880.090 49726.000 32.620 33813.684 24.462
1.024

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1/24/2016 1:15:00 AM	480600.000	23.282	15.686	52.444
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40892.453	49740.848	32.631	33823.781	24.454
1.024				
1/24/2016 1:45:00 AM	482400.000	23.275	15.687	52.430
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1/24/2016 2:00:00 AM	483300.000	23.282	15.688	52.446
40899.215	49747.035	32.635	33827.988	24.450
1.024				
1/24/2016 2:15:00 AM	484200.000	23.286	15.687	52.454
40898.172	49746.875	32.635	33827.879	24.451
1.024				
1/24/2016 2:30:00 AM	485100.000	23.280	15.688	52.441
40875.242	49718.582	32.614	33808.641	24.465
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40893.930	49741.418	32.631	33824.164	24.454
1.024				
1/24/2016 3:00:00 AM	486900.000	23.283	15.687	52.447
40898.453	49747.527	32.636	33828.324	24.451
1.024				
1/24/2016 3:15:00 AM	487800.000	23.277	15.686	52.433
40854.137	49694.637	32.597	33792.355	24.477
1.024				
1/24/2016 3:30:00 AM	488700.000	23.279	15.686	52.438
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40856.750	49698.844	32.600	33795.215	24.476
1.024				
1/24/2016 4:00:00 AM	490500.000	23.277	15.686	52.433
40862.277	49705.055	32.604	33799.438	24.472
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40902.020	49751.867	32.639	33831.273	24.449
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1.024
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41018.605 49788.734 32.672 33856.344 24.379
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1/24/2016 11:30:00 AM 517500.000 22.215 15.826 50.043
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40774.270 49430.449 32.414 33612.711 24.525
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40784.926 49441.258 32.422 33620.055 24.519
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40809.895 49469.113 32.443 33638.996 24.504
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1/24/2016 3:00:00 PM 530100.000 21.372 15.836 48.142
40802.137 49458.789 32.435 33631.977 24.509
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1/24/2016 3:15:00 PM 531000.000 21.335 15.836 48.060
40782.887 49436.156 32.419 33616.590 24.520
1.024

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40846.617	49513.320	32.475	33669.059	24.482
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1/24/2016 4:00:00 PM	533700.000	21.223	15.836	47.808
40784.883	49437.875	32.420	33617.758	24.519
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1/24/2016 4:15:00 PM	534600.000	21.185	15.836	47.722
40818.484	49478.492	32.450	33645.379	24.499
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40826.039	49488.266	32.457	33652.020	24.494
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1/24/2016 5:00:00 PM	537300.000	21.093	15.835	47.514
40815.395	49476.270	32.448	33643.863	24.501
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40831.758	49495.004	32.462	33656.605	24.491
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40814.258	49473.883	32.446	33642.242	24.501
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40821.516	49483.781	32.453	33648.977	24.497
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1/24/2016 6:00:00 PM	540900.000	20.965	15.837	47.226
40830.121	49492.195	32.460	33654.695	24.492
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1/24/2016 6:15:00 PM	541800.000	20.942	15.837	47.175
40815.223	49474.043	32.446	33642.348	24.501
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1/24/2016 6:30:00 PM	542700.000	20.913	15.836	47.108
40819.074	49479.820	32.450	33646.277	24.498
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40819.785	49479.773	32.451	33646.246	24.498
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40794.820	49449.313	32.428	33625.535	24.513
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40826.133	49488.070	32.457	33651.891	24.494
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1/24/2016 8:45:00 PM	550800.000	20.718	15.837	46.670
40830.000	49491.953	32.459	33654.531	24.492
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1/24/2016 9:00:00 PM	551700.000	20.696	15.837	46.620
40794.074	49447.996	32.427	33624.637	24.513
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40852.676	49518.234	32.479	33672.402	24.478
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1/24/2016 10:15:00 PM	556200.000	20.622	15.838	46.454
40850.332	49515.594	32.477	33670.609	24.480
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40828.117	49488.168	32.457	33651.953	24.493
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40845.652	49509.516	32.472	33666.473	24.482
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40832.707	49493.320	32.461	33655.461	24.490
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40833.367	49494.324	32.461	33656.145	24.490
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1/25/2016 12:15:00 AM	563400.000	20.517	15.839	46.216
40824.555	49483.238	32.453	33648.602	24.495
1.024				
1/25/2016 12:30:00 AM	564300.000	20.503	15.839	46.186
40809.398	49464.363	32.439	33635.770	24.504
1.024				
1/25/2016 12:45:00 AM	565200.000	20.490	15.838	46.157
40839.234	49501.738	32.467	33661.188	24.486
1.024				
1/25/2016 1:00:00 AM	566100.000	20.481	15.838	46.136
40839.590	49501.969	32.467	33661.344	24.486

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1/25/2016 1:15:00 AM 567000.000 20.463 15.838 46.095
40834.984 49496.188 32.463 33657.410 24.489
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1/25/2016 1:30:00 AM 567900.000 20.454 15.838 46.074
40814.266 49471.473 32.445 33640.602 24.501
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1/25/2016 1:45:00 AM 568800.000 20.445 15.838 46.054
40822.949 49481.496 32.452 33647.418 24.496
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1/25/2016 2:00:00 AM 569700.000 20.432 15.838 46.025
40831.875 49492.418 32.460 33654.848 24.491
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1/25/2016 2:15:00 AM 570600.000 20.423 15.838 46.006
40833.328 49494.379 32.461 33656.180 24.490
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1/25/2016 2:30:00 AM 571500.000 20.407 15.837 45.968
40813.422 49471.055 32.444 33640.320 24.502
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40810.828 49468.813 32.443 33638.793 24.503
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1/25/2016 3:45:00 AM 576000.000 20.373 15.837 45.891
40851.332 49517.813 32.478 33672.117 24.479
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1/25/2016 4:00:00 AM 576900.000 20.366 15.837 45.876
40828.941 49490.059 32.458 33653.238 24.492
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1/25/2016 4:15:00 AM 577800.000 20.357 15.837 45.857
40805.676 49462.469 32.438 33634.484 24.506
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1/25/2016 4:30:00 AM 578700.000 20.347 15.837 45.834
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40804.461 49461.609 32.437 33633.895 24.507
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1/25/2016 5:00:00 AM 580500.000 20.327 15.837 45.788
40812.824 49471.133 32.444 33640.375 24.502
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1/25/2016 5:15:00 AM 581400.000 20.320 15.837 45.772
40818.801 49478.578 32.450 33645.434 24.499
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1/25/2016 5:30:00 AM 582300.000 20.313 15.837 45.757
40782.031 49433.809 32.417 33614.992 24.521
1.024
1/25/2016 5:45:00 AM 583200.000 20.304 15.837 45.737
40774.820 49425.164 32.411 33609.117 24.525
1.024

1/25/2016 6:00:00 AM	584100.000	20.292	15.837	45.710
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40775.879	49426.141	32.411	33609.781	24.524
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1/25/2016 6:30:00 AM	585900.000	20.277	15.837	45.675
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40780.207	49431.902	32.415	33613.695	24.522
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1/25/2016 7:15:00 AM	588600.000	20.251	15.837	45.617
40793.316	49446.992	32.427	33623.953	24.514
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1/25/2016 7:30:00 AM	589500.000	20.246	15.838	45.606
40784.734	49436.168	32.419	33616.598	24.519
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1/25/2016 7:45:00 AM	590400.000	20.242	15.837	45.597
40758.465	49404.543	32.396	33595.094	24.535
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40786.492	49439.313	32.421	33618.734	24.518
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1/25/2016 8:15:00 AM	592200.000	20.235	15.836	45.582
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40766.875	49414.738	32.403	33602.023	24.530
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40761.625	49409.477	32.399	33598.445	24.533
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40762.215	49408.871	32.399	33598.035	24.533
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40760.285	49407.141	32.397	33596.855	24.534
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40771.906	49421.840	32.408	33606.852	24.527
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40728.156 49369.309 32.370 33571.129 24.553
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40839.121 49508.973 32.472 33666.102 24.486
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40735.688 49383.879 32.380 33581.039 24.549
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40751.512 49402.859 32.394 33593.949 24.539
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40758.305	49409.684	32.399	33598.586	24.535
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40740.957	49388.461	32.383	33584.152	24.545
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40779.543	49434.527	32.417	33615.480	24.522
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40755.758	49405.898	32.396	33596.012	24.536
1.024				
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40779.758	49435.191	32.418	33615.934	24.522
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40755.605	49404.805	32.396	33595.270	24.537
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1/25/2016 10:30:00 PM	643500.000	19.889	15.834	44.803
40784.352	49440.055	32.421	33619.238	24.519
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1/25/2016 10:45:00 PM	644400.000	19.880	15.834	44.782
40699.012	49336.602	32.346	33548.895	24.571
1.024				
1/25/2016 11:00:00 PM	645300.000	19.882	15.834	44.786
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1/25/2016 11:15:00 PM	646200.000	19.881	15.834	44.784
40741.320	49387.184	32.383	33583.285	24.545
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1/25/2016 11:30:00 PM	647100.000	19.876	15.836	44.772
40715.750	49354.879	32.359	33561.316	24.561
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1/26/2016 12:00:00 AM	648900.000	19.863	15.835	44.744
40715.055	49355.039	32.359	33561.430	24.561
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40766.828	49417.797	32.405	33604.102	24.530
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1/26/2016 12:30:00 AM	650700.000	19.860	15.835	44.737
40771.965	49423.824	32.409	33608.199	24.527
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1/26/2016 12:45:00 AM	651600.000	19.858	15.835	44.732
40743.895	49389.398	32.384	33584.793	24.544
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1/26/2016 1:00:00 AM	652500.000	19.851	15.836	44.715
40738.773	49382.785	32.379	33580.297	24.547
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1/26/2016 1:15:00 AM	653400.000	19.847	15.835	44.706

40730.117	49372.898	32.372	33573.570	24.552
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1/26/2016 1:30:00 AM	654300.000	19.842	15.836	44.697
40741.234	49385.367	32.381	33582.055	24.545
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1/26/2016 1:45:00 AM	655200.000	19.834	15.837	44.679
40740.531	49383.809	32.380	33580.988	24.546
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1/26/2016 2:00:00 AM	656100.000	19.837	15.835	44.686
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40722.293	49362.809	32.365	33566.711	24.557
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1/26/2016 2:30:00 AM	657900.000	19.833	15.835	44.675
40774.992	49426.805	32.412	33610.230	24.525
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40728.258	49369.848	32.370	33571.500	24.553
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1/26/2016 3:00:00 AM	659700.000	19.837	15.836	44.684
40757.828	49405.691	32.396	33595.871	24.535
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1/26/2016 3:15:00 AM	660600.000	19.846	15.836	44.706
40752.809	49399.398	32.392	33591.590	24.538
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40757.859	49406.527	32.397	33596.438	24.535
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40728.117	49370.273	32.370	33571.785	24.553
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1/26/2016 4:00:00 AM	663300.000	19.837	15.836	44.684
40761.543	49409.984	32.399	33598.789	24.533
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40731.234	49374.250	32.373	33574.492	24.551
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40767.770	49418.340	32.405	33604.473	24.529
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40748.898	49395.363	32.389	33588.848	24.541
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1/26/2016 5:00:00 AM	666900.000	19.826	15.834	44.659
40761.988	49412.238	32.401	33600.328	24.533
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1/26/2016 5:15:00 AM	667800.000	19.823	15.835	44.654
40762.922	49412.172	32.401	33600.281	24.532
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1/26/2016 5:30:00 AM	668700.000	19.818	15.835	44.643
40777.156	49429.617	32.414	33612.141	24.524
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40761.309	49410.508	32.400	33599.148	24.533
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40794.547	49450.594	32.429	33626.402	24.513

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1/26/2016 6:15:00 AM 671400.000 19.809 15.836 44.621
40762.930 49412.070 32.401 33600.207 24.532
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40762.680 49411.363 32.400 33599.727 24.532
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40759.035 49407.547 32.398 33597.133 24.534
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40757.340 49404.488 32.395 33595.051 24.535
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40786.641 49440.508 32.422 33619.547 24.518
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40735.973 49379.289 32.377 33577.918 24.548
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40808.699 49467.551 32.442 33637.938 24.505
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1/26/2016 8:45:00 AM 680400.000 19.810 15.836 44.625
40740.789 49384.523 32.381 33581.477 24.545
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1/26/2016 9:00:00 AM 681300.000 19.817 15.836 44.640
40776.367 49428.355 32.413 33611.281 24.524
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40746.934 49392.680 32.387 33587.023 24.542
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40762.145 49410.313 32.400 33599.016 24.533
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40755.555 49402.727 32.394 33593.855 24.537
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40776.934 49428.125 32.413 33611.125 24.524
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40780.063 49432.434 32.416 33614.055 24.522
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40755.684 49402.789 32.394 33593.898 24.536
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40767.613	49417.441	32.405	33603.863	24.529
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40787.289	49441.598	32.423	33620.285	24.517
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1/26/2016 11:30:00 AM	690300.000	19.841	15.835	44.693
40782.645	49436.082	32.418	33616.535	24.520
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1/26/2016 11:45:00 AM	691200.000	19.847	15.836	44.708
40775.691	49427.133	32.412	33610.449	24.524
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1/26/2016 12:00:00 PM	692100.000	19.852	15.836	44.720
40767.344	49417.117	32.405	33603.641	24.529
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1/26/2016 12:15:00 PM	693000.000	19.854	15.835	44.723
40723.543	49365.020	32.366	33568.219	24.556
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1/26/2016 12:30:00 PM	693900.000	19.863	15.836	44.742
40768.844	49419.043	32.406	33604.949	24.529
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1/26/2016 12:45:00 PM	694800.000	19.860	15.835	44.737
40808.523	49467.832	32.442	33638.125	24.505
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1/26/2016 1:00:00 PM	695700.000	19.866	15.834	44.749
40782.762	49437.914	32.420	33617.781	24.520
1.024				
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40768.453	49419.977	32.407	33605.586	24.529
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1/26/2016 1:30:00 PM	697500.000	19.872	15.834	44.764
40762.918	49413.363	32.402	33601.086	24.532
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40744.281	49391.172	32.386	33586.000	24.543
1.024				
1/26/2016 2:00:00 PM	699300.000	19.872	15.834	44.764
40772.285	49424.719	32.410	33608.809	24.526
1.024				
1/26/2016 2:15:00 PM	700200.000	19.875	15.834	44.771
40784.762	49440.855	32.422	33619.781	24.519
1.024				
1/26/2016 2:30:00 PM	701100.000	19.874	15.834	44.769
40799.316	49458.395	32.435	33631.711	24.510
1.024				
1/26/2016 2:45:00 PM	702000.000	19.879	15.833	44.780
40794.113	49452.996	32.431	33628.039	24.513
1.024				
1/26/2016 3:00:00 PM	702900.000	19.872	15.833	44.763
40785.055	49441.719	32.422	33620.367	24.519
1.024				
1/26/2016 3:15:00 PM	703800.000	19.870	15.833	44.759
40785.215	49442.000	32.423	33620.559	24.519
1.024				
1/26/2016 3:30:00 PM	704700.000	19.872	15.833	44.763
40809.754	49472.168	32.445	33641.074	24.504
1.024				
1/26/2016 3:45:00 PM	705600.000	19.865	15.833	44.747

40782.551	49439.285	32.421	33618.719	24.520		
1.024						
1/26/2016 4:00:00 PM	706500.000	19.865	15.832	44.748		
40776.121	49432.199	32.415	33613.895	24.524		
1.024						
1/26/2016 4:15:00 PM	707400.000	19.854	15.832	44.724		
40764.105	49417.230	32.404	33603.723	24.531		
1.024						
1/26/2016 4:30:00 PM	708300.000	19.846	15.832	44.706		
40769.973	49424.246	32.410	33608.488	24.528		
1.024						
1/26/2016 4:45:00 PM	709200.000	19.842	15.832	44.697		
40815.637	49480.504	32.451	33646.742	24.500		
1.024						
1/26/2016 5:00:00 PM	710100.000	19.827	15.832	44.661		
40826.457	49493.621	32.460	33655.668	24.494		
1.024						
1/26/2016 5:15:00 PM	711000.000	19.820	15.831	44.646		
40792.906	49454.156	32.431	33628.828	24.514		
1.024						
1/26/2016 5:30:00 PM	711900.000	19.809	15.832	44.621		
40789.227	49448.395	32.427	33624.914	24.516		
1.024						
1/26/2016 5:45:00 PM	712800.000	19.797	15.832	44.594		
40777.406	49433.949	32.417	33615.090	24.523		
1.024						
1/26/2016 6:00:00 PM	713700.000	19.793	15.832	44.585		
40814.773	49478.844	32.450	33645.613	24.501		
1.024						
1/26/2016 6:15:00 PM	714600.000	19.790	15.831	44.580		
40816.059	49481.207	32.451	33647.223	24.500		
1.024						
1/26/2016 6:30:00 PM	715500.000	19.791	15.832	44.581		
40785.934	49443.785	32.424	33621.777	24.518		
1.024						
1/26/2016 6:45:00 PM	716400.000	19.783	15.832	44.564		
40797.617	49458.449	32.435	33631.750	24.511		
1.024						
1/26/2016 7:00:00 PM	717300.000	19.775	15.831	44.546		
40796.281	49457.441	32.434	33631.063	24.512		
1.024						
1/26/2016 7:15:00 PM	718200.000	19.772	15.831	44.538		
40819.262	49485.199	32.454	33649.941	24.498		
1.024						
1/26/2016 7:30:00 PM	719100.000	19.773	15.832	44.540		
40793.535	49453.309	32.431	33628.250	24.514		
1.024						
1/26/2016 7:45:00 PM	720000.000	19.761	15.832	44.513		
40797.773	49458.445	32.435	33631.746	24.511		
1.024						
1/26/2016 8:00:00 PM	720900.000	19.758	15.832	44.507		
40841.629	49511.496	32.473	33667.816	24.485		
1.024						
1/26/2016 8:15:00 PM	721800.000	19.749	15.832	44.486		
40818.223	49483.121	32.453	33648.523	24.499		
1.024						
1/26/2016 8:30:00 PM	722700.000	19.744	15.832	44.476		
40841.477	49510.926	32.473	33667.430	24.485		

1.024
1/26/2016 8:45:00 PM 723600.000 19.740 15.832 44.467
40782.324 49440.027 32.421 33619.223 24.520
1.024
1/26/2016 9:00:00 PM 724500.000 19.738 15.832 44.462
40811.805 49475.055 32.447 33643.039 24.503
1.024
1/26/2016 9:15:00 PM 725400.000 19.737 15.832 44.460
40820.313 49485.270 32.454 33649.984 24.498
1.024
1/26/2016 9:30:00 PM 726300.000 19.735 15.832 44.454
40813.914 49477.402 32.448 33644.633 24.501
1.024
1/26/2016 9:45:00 PM 727200.000 19.727 15.832 44.437
40791.926 49450.746 32.429 33626.512 24.515
1.024
1/26/2016 10:00:00 PM 728100.000 19.727 15.833 44.437
40837.641 49505.555 32.469 33663.781 24.487
1.024
1/26/2016 10:15:00 PM 729000.000 19.726 15.834 44.436
40803.617 49463.313 32.438 33635.055 24.508
1.024
1/26/2016 10:30:00 PM 729900.000 19.717 15.833 44.415
40831.711 49497.973 32.464 33658.621 24.491
1.024
1/26/2016 10:45:00 PM 730800.000 19.727 15.833 44.436
40812.363 49474.520 32.446 33642.672 24.502
1.024
1/26/2016 11:00:00 PM 731700.000 19.723 15.833 44.428
40825.156 49490.332 32.458 33653.426 24.495
1.024
1/26/2016 11:15:00 PM 732600.000 19.728 15.833 44.440
40838.172 49505.805 32.469 33663.953 24.487
1.024
1/26/2016 11:30:00 PM 733500.000 19.729 15.833 44.440
40837.824 49505.688 32.469 33663.867 24.487
1.024
1/26/2016 11:45:00 PM 734400.000 19.723 15.834 44.429
40810.469 49472.020 32.445 33640.977 24.504
1.024
1/27/2016 12:00:00 AM 735300.000 19.728 15.834 44.440
40861.043 49532.215 32.489 33681.906 24.473
1.024
1/27/2016 12:15:00 AM 736200.000 19.731 15.834 44.445
40860.426 49532.273 32.489 33681.945 24.474
1.024
1/27/2016 12:30:00 AM 737100.000 19.737 15.834 44.459
40868.336 49541.059 32.495 33687.922 24.469
1.024
1/27/2016 12:45:00 AM 738000.000 19.738 15.834 44.463
40801.723 49460.707 32.436 33633.281 24.509
1.024
1/27/2016 1:00:00 AM 738900.000 19.737 15.834 44.459
40834.512 49500.457 32.465 33660.313 24.489
1.024
1/27/2016 1:15:00 AM 739800.000 19.741 15.834 44.469
40843.355 49511.371 32.473 33667.734 24.484
1.024

1/27/2016 1:30:00 AM	740700.000	19.744	15.833	44.476
40853.641	49524.555	32.483	33676.699	24.478
1.024				
1/27/2016 1:45:00 AM	741600.000	19.754	15.834	44.498
40842.438	49510.258	32.473	33666.977	24.484
1.024				
1/27/2016 2:00:00 AM	742500.000	19.753	15.834	44.495
40820.547	49484.023	32.453	33649.141	24.497
1.024				
1/27/2016 2:15:00 AM	743400.000	19.758	15.833	44.507
40828.668	49494.176	32.461	33656.039	24.493
1.024				
1/27/2016 2:30:00 AM	744300.000	19.761	15.834	44.513
40841.762	49509.648	32.472	33666.566	24.485
1.024				
1/27/2016 2:45:00 AM	745200.000	19.767	15.834	44.527
40843.633	49511.918	32.474	33668.105	24.484
1.024				
1/27/2016 3:00:00 AM	746100.000	19.770	15.834	44.534
40827.949	49493.207	32.460	33655.383	24.493
1.024				
1/27/2016 3:15:00 AM	747000.000	19.777	15.833	44.549
40872.008	49546.820	32.499	33691.840	24.467
1.024				
1/27/2016 3:30:00 AM	747900.000	19.777	15.833	44.549
40864.125	49537.965	32.493	33685.816	24.471
1.024				
1/27/2016 3:45:00 AM	748800.000	19.779	15.833	44.553
40828.859	49494.516	32.461	33656.273	24.492
1.024				
1/27/2016 4:00:00 AM	749700.000	19.794	15.833	44.588
40801.910	49462.352	32.438	33634.398	24.509
1.024				
1/27/2016 4:15:00 AM	750600.000	19.806	15.832	44.615
40800.043	49460.891	32.436	33633.406	24.510
1.024				
1/27/2016 4:30:00 AM	751500.000	19.818	15.833	44.643
40848.195	49518.863	32.479	33672.828	24.481
1.024				
1/27/2016 4:45:00 AM	752400.000	19.822	15.832	44.651
40839.320	49508.910	32.472	33666.063	24.486
1.024				
1/27/2016 5:00:00 AM	753300.000	19.819	15.832	44.644
40865.078	49540.441	32.495	33687.500	24.471
1.024				
1/27/2016 5:15:00 AM	754200.000	19.825	15.832	44.659
40813.660	49477.805	32.449	33644.910	24.502
1.024				
1/27/2016 5:30:00 AM	755100.000	19.825	15.832	44.659
40869.035	49545.238	32.498	33690.762	24.468
1.024				
1/27/2016 5:45:00 AM	756000.000	19.831	15.831	44.672
40815.363	49480.270	32.451	33646.582	24.501
1.024				
1/27/2016 6:00:00 AM	756900.000	19.833	15.831	44.675
40832.676	49501.563	32.466	33661.063	24.490
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1/27/2016 6:15:00 AM	757800.000	19.831	15.832	44.672

40845.668 49516.605 32.477 33671.297 24.482
1.024
1/27/2016 6:30:00 AM 758700.000 19.826 15.831 44.660
40828.645 49496.980 32.463 33657.949 24.493
1.024
1/27/2016 6:45:00 AM 759600.000 19.825 15.831 44.658
40830.324 49499.219 32.464 33659.469 24.492
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1/27/2016 7:00:00 AM 760500.000 19.834 15.831 44.679
40847.691 49519.852 32.479 33673.500 24.481
1.024
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40824.449 49491.789 32.459 33654.418 24.495
1.024
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40855.035 49529.176 32.486 33679.840 24.477
1.024
1/27/2016 7:45:00 AM 763200.000 19.833 15.832 44.675
40818.480 49483.551 32.453 33648.820 24.499
1.024
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40878.523 49557.344 32.507 33698.992 24.463
1.024
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40840.961 49511.910 32.474 33668.098 24.485
1.024
1/27/2016 8:30:00 AM 765900.000 19.834 15.832 44.679
40865.613 49540.883 32.495 33687.801 24.470
1.024
1/27/2016 8:45:00 AM 766800.000 19.834 15.830 44.679
40828.371 49497.656 32.463 33658.410 24.493
1.024
1/27/2016 9:00:00 AM 767700.000 19.840 15.831 44.692
40865.957 49542.414 32.496 33688.848 24.470
1.024
1/27/2016 9:15:00 AM 768600.000 19.852 15.831 44.718
40830.223 49499.395 32.464 33659.590 24.492
1.024
1/27/2016 9:30:00 AM 769500.000 19.850 15.830 44.713
40862.945 49539.367 32.494 33686.770 24.472
1.024
1/27/2016 9:45:00 AM 770400.000 19.850 15.831 44.715
40828.512 49497.320 32.463 33658.180 24.493
1.024
1/27/2016 10:00:00 AM 771300.000 19.844 15.830 44.702
40848.406 49521.641 32.481 33674.719 24.481
1.024
1/27/2016 10:15:00 AM 772200.000 19.853 15.831 44.721
40856.430 49531.059 32.488 33681.121 24.476
1.024
1/27/2016 10:30:00 AM 773100.000 19.854 15.831 44.723
40881.855 49561.488 32.510 33701.813 24.461
1.024
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40823.863 49491.184 32.458 33654.008 24.495
1.024
1/27/2016 11:00:00 AM 774900.000 19.862 15.830 44.740
40871.086 49549.238 32.501 33693.480 24.467

1.024
1/27/2016 11:15:00 AM 775800.000 19.870 15.830 44.759
40832.191 49502.188 32.466 33661.492 24.490
1.024
1/27/2016 11:30:00 AM 776700.000 19.872 15.830 44.764
40842.156 49514.676 32.476 33669.984 24.485
1.024
1/27/2016 11:45:00 AM 777600.000 19.880 15.829 44.781
40840.543 49513.324 32.475 33669.063 24.485
1.024
1/27/2016 12:00:00 PM 778500.000 19.882 15.830 44.786
40849.797 49524.039 32.482 33676.352 24.480
1.024
1/27/2016 12:15:00 PM 779400.000 19.894 15.830 44.813
40864.078 49541.449 32.495 33688.191 24.471
1.024
1/27/2016 12:30:00 PM 780300.000 19.893 15.829 44.810
40855.078 49530.750 32.487 33680.910 24.477
1.024
1/27/2016 12:45:00 PM 781200.000 19.902 15.829 44.832
40861.191 49538.461 32.493 33686.152 24.473
1.024
1/27/2016 1:00:00 PM 782100.000 19.899 15.829 44.824
40877.672 49559.035 32.508 33700.145 24.463
1.024
1/27/2016 1:15:00 PM 783000.000 19.909 15.829 44.848
40847.348 49522.082 32.481 33675.020 24.481
1.024
1/27/2016 1:30:00 PM 783900.000 19.921 15.828 44.873
40852.180 49528.637 32.486 33679.473 24.478
1.024
1/27/2016 1:45:00 PM 784800.000 19.915 15.828 44.861
40855.668 49533.066 32.489 33682.488 24.476
1.024
1/27/2016 2:00:00 PM 785700.000 19.920 15.828 44.871
40865.383 49545.055 32.498 33690.641 24.471
1.024
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40844.992 49520.121 32.479 33673.688 24.483
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40848.238 49524.059 32.482 33676.359 24.481
1.024
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40837.145 49511.219 32.473 33667.629 24.488
1.024
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40879.906 49563.066 32.511 33702.887 24.462
1.024
1/27/2016 3:15:00 PM 790200.000 19.934 15.827 44.904
40857.016 49536.438 32.491 33684.781 24.476
1.024
1/27/2016 3:30:00 PM 791100.000 19.933 15.826 44.902
40842.723 49519.605 32.479 33673.332 24.484
1.024
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40845.316 49522.336 32.481 33675.191 24.483
1.024

1/27/2016 4:00:00 PM	792900.000	19.932	15.827	44.900
40847.730	49525.180	32.483	33677.125	24.481
1.024				
1/27/2016 4:15:00 PM	793800.000	19.934	15.826	44.904
40852.152	49531.133	32.487	33681.176	24.479
1.024				
1/27/2016 4:30:00 PM	794700.000	19.927	15.826	44.888
40883.203	49568.582	32.515	33706.637	24.460
1.024				
1/27/2016 4:45:00 PM	795600.000	19.927	15.826	44.888
40855.840	49535.211	32.490	33683.949	24.476
1.024				
1/27/2016 5:00:00 PM	796500.000	19.917	15.826	44.865
40816.859	49488.344	32.456	33652.078	24.500
1.024				
1/27/2016 5:15:00 PM	797400.000	19.913	15.825	44.856
40818.500	49491.652	32.458	33654.328	24.499
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1/27/2016 5:30:00 PM	798300.000	19.922	15.825	44.876
40844.414	49522.766	32.481	33675.484	24.483
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40836.324	49512.859	32.474	33668.746	24.488
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1/27/2016 6:00:00 PM	800100.000	19.910	15.825	44.850
40855.383	49535.758	32.491	33684.320	24.477
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1/27/2016 6:15:00 PM	801000.000	19.915	15.825	44.860
40862.871	49545.453	32.498	33690.910	24.472
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40842.180	49520.258	32.479	33673.777	24.484
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1/27/2016 6:45:00 PM	802800.000	19.902	15.825	44.832
40858.922	49540.145	32.494	33687.297	24.474
1.024				
1/27/2016 7:00:00 PM	803700.000	19.892	15.825	44.808
40887.590	49575.316	32.520	33711.215	24.457
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1/27/2016 7:15:00 PM	804600.000	19.882	15.825	44.785
40814.512	49486.914	32.455	33651.105	24.501
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1/27/2016 7:30:00 PM	805500.000	19.872	15.824	44.763
40869.141	49553.559	32.504	33696.422	24.468
1.024				
1/27/2016 7:45:00 PM	806400.000	19.863	15.826	44.742
40836.594	49512.672	32.474	33668.617	24.488
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1/27/2016 8:00:00 PM	807300.000	19.853	15.826	44.722
40854.551	49534.652	32.490	33683.563	24.477
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1/27/2016 8:15:00 PM	808200.000	19.839	15.825	44.690
40836.355	49513.090	32.474	33668.902	24.488
1.024				
1/27/2016 8:30:00 PM	809100.000	19.830	15.825	44.669
40834.336	49510.449	32.472	33667.105	24.489
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1/27/2016 8:45:00 PM	810000.000	19.826	15.825	44.659

40878.582	49564.902	32.512	33704.137	24.463
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1/27/2016 9:00:00 PM	810900.000	19.818	15.825	44.641
40847.699	49527.055	32.484	33678.398	24.481
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1/27/2016 9:15:00 PM	811800.000	19.812	15.825	44.630
40862.004	49544.188	32.497	33690.047	24.473
1.024				
1/27/2016 9:30:00 PM	812700.000	19.807	15.826	44.617
40853.148	49532.344	32.488	33681.996	24.478
1.024				
1/27/2016 9:45:00 PM	813600.000	19.795	15.825	44.590
40850.762	49530.664	32.487	33680.855	24.479
1.024				
1/27/2016 10:00:00 PM	814500.000	19.796	15.825	44.593
40861.902	49543.871	32.497	33689.836	24.473
1.024				
1/27/2016 10:15:00 PM	815400.000	19.787	15.826	44.573
40878.914	49564.195	32.511	33703.656	24.462
1.024				
1/27/2016 10:30:00 PM	816300.000	19.789	15.826	44.576
40882.625	49568.281	32.515	33706.434	24.460
1.024				
1/27/2016 10:45:00 PM	817200.000	19.783	15.826	44.564
40821.422	49493.367	32.460	33655.492	24.497
1.024				
1/27/2016 11:00:00 PM	818100.000	19.775	15.826	44.546
40861.852	49543.293	32.496	33689.441	24.473
1.024				
1/27/2016 11:15:00 PM	819000.000	19.777	15.826	44.549
40811.535	49482.191	32.452	33647.891	24.503
1.024				
1/27/2016 11:30:00 PM	819900.000	19.773	15.826	44.541
40832.266	49506.926	32.470	33664.711	24.490
1.024				
1/27/2016 11:45:00 PM	820800.000	19.772	15.826	44.539
40855.676	49535.406	32.490	33684.078	24.476
1.024				

Report Date: 2/1/2016 10:38:29 AM
Report User Name: KMakar
Report Computer Name: WKST46
Application: WinSitu.exe
Application Version: 5.6.25.0

Log File Properties:
File Name: MPWSP MW-3D Pre Test_2016-01-28_14-11-17-609-BaroMerge.wsl
Create Date: 2/1/2016 10:37:01 AM

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

Log Configuration
Log Name: MPWSP MW-3D Pre Test
Created By: JSobolew
Computer Name: PROBOOK3
Application: WinSitu.exe
Application Version: 5.6.25.0
Create Date: 4/22/2015 2:27:58 PM Pacific Daylight Time
Log Setup Time Zone: Pacific Daylight Time
Notes Size(bytes): 4096
Overwrite when full: Enabled
Scheduled Start Time: 4/22/2015 2:45:00 PM Pacific Daylight Time
Scheduled Stop Time: No Stop Time
Type: Linear
Interval: Days: 0 hrs: 00 mins: 15 secs: 00

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

Other Log Settings
Depth of Probe: 38.8906 (ft)
Head Pressure: 17.2648 (PSI)
Temperature: 19.9501 (C)

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

TDS Factor: 0.68

Log Notes:

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

11/12/2015 9:53:21 AM Log Download - Used Battery: 13% Used Memory: 28% User Name: CShaw Interval - Start Time: 10/26/2015 1:00:00 PM Stop Time: 11/12/2015 9:30:00 PM
11/19/2015 3:21:48 PM Log Download - Used Battery: 13% Used Memory: 28% User Name: KMakar Interval - Start Time: 11/1/2015 7:00:00 AM Stop Time: 11/19/2015 3:30:00 PM
11/29/2015 9:44:27 AM Log Download - Used Battery: 14% Used Memory: 29% User Name: CShaw Interval - Start Time: 11/13/2015 1:00:00 AM Stop Time: 11/29/2015 10:30:00 AM
12/3/2015 10:59:16 AM Log Download - Used Battery: 14% Used Memory: 29% User Name: KMakar Interval - Start Time: 11/18/2015 7:00:00 AM Stop Time: 12/3/2015 11:00:00 AM
12/10/2015 9:10:08 AM Log Download - Used Battery: 15% Used Memory: 29% User Name: CShaw Interval - Start Time: 10/13/2015 1:45:00 AM Stop Time: 12/10/2015 9:45:00 AM
12/17/2015 10:44:08 AM Log Download - Used Battery: 15% Used Memory: 31% User Name: KMakar Interval - Start Time: 12/1/2015 12:00:00 PM Stop Time: 12/17/2015 10:45:00 AM
1/3/2016 10:35:33 AM Log Download - Used Battery: 16% Used Memory: 32% User Name: CShaw Interval - Start Time: 11/30/2015 1:00:00 AM Stop Time: 1/3/2016 11:30:00 AM
1/7/2016 10:34:44 AM Log Download - Used Battery: 16% Used Memory: 32% User Name: KMakar Interval - Start Time: 12/31/2015 10:00:00 AM Stop Time: 1/7/2016 10:30:00 AM
1/14/2016 8:35:07 AM Log Download - Used Battery: 16% Used Memory: 34% 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 11:56:08 AM Log Download - Used Battery: 17% Used Memory: 34% User Name: KMakar Interval - Start Time: 1/12/2016 11:00:00 AM Stop Time: 1/21/2016 11:45:00 AM
1/21/2016 2:53:24 PM Sensor SN: 398176 Cache Timeout: 1000 User Name: KMakar
1/21/2016 2:53:47 PM Device Taken Offline
1/21/2016 2:56:34 PM Sensor SN: 398176 Actual conductivity calibration.
Cell Constant: 1.0705 Cell Offset: 0
Reference Temperature: 25 Temperature Coefficient: 0.0191 User Name: KMakar
1/21/2016 2:58:07 PM Device Put Online
1/21/2016 2:58:08 PM Sensor SN: 398176 Cache Timeout: 1750 User Name: KMakar
1/21/2016 2:58:10 PM Sensor SN: 398176 Cache Timeout: 1000 User Name: KMakar
1/21/2016 2:58:17 PM Device Taken Offline
1/21/2016 3:03:48 PM Sensor SN: 398176 Actual conductivity calibration.
Cell Constant: 1.04997 Cell Offset: 0
Reference Temperature: 25 Temperature Coefficient: 0.0191 User Name: KMakar
1/21/2016 3:06:37 PM Device Put Online
1/21/2016 3:06:37 PM Sensor SN: 398176 Cache Timeout: 1750 User Name: KMakar
1/21/2016 3:28:07 PM Sensor SN: 398176 Cache Timeout: 1000 User Name: KMakar
1/21/2016 3:28:42 PM Device Taken Offline
1/21/2016 3:37:16 PM Sensor SN: 398176 Actual conductivity calibration.
Cell Constant: 1.04048 Cell Offset: 0
Reference Temperature: 25 Temperature Coefficient: 0.0191 User Name: KMakar
1/21/2016 3:38:30 PM Device Put Online
1/21/2016 3:38:31 PM Sensor SN: 398176 Cache Timeout: 1750 User Name: KMakar
1/28/2016 2:10:58 PM Log Download - Used Battery: 17% Used Memory: 34% User Name: KMakar Interval - Start Time: 1/18/2016 11:45:00 AM Stop Time: 1/28/2016 2:30:00 PM
2/1/2016 10:37:01 AM User Note: "Pressure & Level adjusted by baro data from: "MPWSP BaroTroll Pre Test_2016-01-28_14-47-48-317.wsl""

Log Data:
Record Count: 971
Sensors: 2
1 - 398176: PCTD 100 PSIA (60.1m/197.3ft)
2 - 0: Baro-Adjustment Calc
Time Zone: Pacific Standard Time

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

Date and Time	Elapsed Time Seconds	Sensor: PCTD(A) 197.3ft SN#: 398176 Corrected Pressure (PSI)	Sensor: PCTD(A) 197.3ft SN#: 398176 Temperature (C)	Sensor: PCTD(A) 197.3ft SN#: 398176 Depth (ft)	Sensor: PCTD(A) 197.3ft SN#: 398176 Actual Conductivity (µS)	Sensor: Baro-Adj Calc SN#: 398176 Specific Conductivity (µS)	Sensor: Baro-Adj Calc SN#: 398176 Total Dissolved Solids (ppm)	Sensor: Baro-Adj Calc SN#: 398176 Water Density (g/cm3)	Sensor: Baro-Adj Calc SN#: 000000 Barometric Pressure (PSI)
1/21/2016 12:00:00 AM	216900.000	124.352	23.085	280.116	43156.809	44795.352	30460.842	1.020	14.838
1/21/2016 12:15:00 AM	217800.000	124.347	23.085	280.104	43133.820	44771.098	30444.350	1.020	14.831
1/21/2016 12:30:00 AM	218700.000	124.324	23.074	280.052	43142.203	44789.508	30456.867	1.020	14.830
1/21/2016 12:45:00 AM	219600.000	124.311	23.071	280.022	43182.012	44834.195	30487.256	1.020	14.827
1/21/2016 1:00:00 AM	220500.000	124.298	23.070	279.993	43167.250	44819.727	30477.416	1.020	14.827
1/21/2016 1:15:00 AM	221400.000	124.280	23.046	279.952	43156.402	44829.289	30483.918	1.020	14.824
1/21/2016 1:30:00 AM	222300.000	124.278	23.031	279.948	43181.207	44868.848	30510.818	1.020	14.820
1/21/2016 1:45:00 AM	223200.000	124.276	22.998	279.943	43154.316	44869.746	30511.430	1.020	14.822
1/21/2016 2:00:00 AM	224100.000	124.277	22.983	279.945	43144.184	44873.258	30513.818	1.020	14.819
1/21/2016 2:15:00 AM	225000.000	124.278	22.980	279.949	43146.535	44878.051	30517.076	1.020	14.825
1/21/2016 2:30:00 AM	225900.000	124.283	22.944	279.960	43178.875	44943.984	30561.912	1.020	14.825
1/21/2016 2:45:00 AM	226800.000	124.296	22.959	279.989	43170.387	44921.465	30546.596	1.020	14.827
1/21/2016 3:00:00 AM	227700.000	124.318	22.935	280.037	43137.496	44908.609	30537.857	1.020	14.817
1/21/2016 3:15:00 AM	228600.000	124.340	22.939	280.088	43139.797	44907.633	30537.193	1.020	14.815
1/21/2016 3:30:00 AM	229500.000	124.349	22.929	280.109	43170.699	44948.449	30564.947	1.020	14.824
1/21/2016 3:45:00 AM	230400.000	124.379	22.928	280.175	43149.422	44927.793	30550.902	1.020	14.817
1/21/2016 4:00:00 AM	231300.000	124.402	22.938	280.227	43150.715	44920.168	30545.717	1.020	14.820
1/21/2016 4:15:00 AM	232200.000	124.443	22.952	280.320	43162.734	44919.410	30545.201	1.020	14.816
1/21/2016 4:30:00 AM	233100.000	124.473	22.949	280.387	43149.109	44908.527	30537.801	1.020	14.814
1/21/2016 4:45:00 AM	234000.000	124.510	22.947	280.470	43161.645	44923.215	30547.789	1.020	14.815
1/21/2016 5:00:00 AM	234900.000	124.541	22.931	280.541	43162.043	44937.859	30557.744	1.020	14.812
1/21/2016 5:15:00 AM	235800.000	124.583	22.979	280.636	43153.516	44886.184	30522.607	1.020	14.807
1/21/2016 5:30:00 AM	236700.000	124.614	22.963	280.706	43183.695	44931.555	30553.459	1.020	14.810

1/21/2016 5:45:00 AM	237600.000	124.659	22.953	280.808
43120.508	44875.145	30515.098	1.020	14.808
1/21/2016 6:00:00 AM	238500.000	124.696	22.937	280.889
43167.215	44938.145	30557.941	1.020	14.803
1/21/2016 6:15:00 AM	239400.000	124.740	22.931	280.989
43090.707	44864.066	30507.568	1.020	14.797
1/21/2016 6:30:00 AM	240300.000	124.766	23.076	281.048
43118.609	44763.285	30439.037	1.020	14.802
1/21/2016 6:45:00 AM	241200.000	124.794	23.021	281.111
43126.633	44820.672	30478.059	1.020	14.804
1/21/2016 7:00:00 AM	242100.000	124.822	23.007	281.174
43164.598	44872.746	30513.469	1.020	14.801
1/21/2016 7:15:00 AM	243000.000	124.844	23.041	281.223
43172.523	44850.805	30498.549	1.020	14.803
1/21/2016 7:30:00 AM	243900.000	124.857	23.043	281.253
43140.133	44815.363	30474.449	1.020	14.809
1/21/2016 7:45:00 AM	244800.000	124.869	23.050	281.280
43176.715	44847.340	30496.193	1.020	14.812
1/21/2016 8:00:00 AM	245700.000	124.878	23.057	281.300
43142.027	44804.953	30467.371	1.020	14.812
1/21/2016 8:15:00 AM	246600.000	124.889	23.057	281.325
43141.949	44804.805	30467.270	1.020	14.802
1/21/2016 8:30:00 AM	247500.000	124.869	23.068	281.280
43170.070	44823.984	30480.313	1.020	14.812
1/21/2016 8:45:00 AM	248400.000	124.875	23.076	281.294
43161.145	44808.070	30469.490	1.020	14.808
1/21/2016 9:00:00 AM	249300.000	124.868	23.100	281.278
43159.000	44784.023	30453.139	1.020	14.808
1/21/2016 9:15:00 AM	250200.000	124.841	23.115	281.217
43155.293	44766.820	30441.439	1.020	14.807
1/21/2016 9:30:00 AM	251100.000	124.817	23.139	281.164
43185.672	44777.313	30448.574	1.020	14.815
1/21/2016 9:45:00 AM	252000.000	124.791	23.124	281.103
43133.379	44736.754	30420.994	1.020	14.809
1/21/2016 10:00:00 AM	252900.000	124.767	23.153	281.051
43136.004	44713.422	30405.129	1.020	14.806
1/21/2016 10:15:00 AM	253800.000	124.720	23.168	280.943
43127.871	44691.898	30390.494	1.020	14.809
1/21/2016 10:30:00 AM	254700.000	124.684	23.172	280.864
43139.191	44699.727	30395.816	1.020	14.811
1/21/2016 10:45:00 AM	255600.000	124.648	23.149	280.782
43114.988	44694.750	30392.432	1.020	14.801
1/21/2016 11:00:00 AM	256500.000	124.593	23.160	280.658
43161.965	44734.473	30419.443	1.020	14.810
1/21/2016 11:15:00 AM	257400.000	124.535	23.128	280.527
43149.891	44749.746	30429.828	1.020	14.814
1/21/2016 11:30:00 AM	258300.000	124.483	23.138	280.410
43161.355	44752.809	30431.912	1.020	14.810
1/21/2016 11:45:00 AM	259200.000	124.439	23.141	280.311
43175.934	44765.504	30440.545	1.020	14.795
1/21/2016 12:00:00 PM	260100.000	124.376	23.279	280.170
43139.930	44606.070	30332.131	1.019	14.793
1/21/2016 12:15:00 PM	261000.000	-0.020	21.035	-0.045
0.000	0.000	0.000	0.998	14.789
1/21/2016 12:30:00 PM	261900.000	0.416	21.876	0.938
44349.953	47164.324	32071.742	1.021	14.790
1/21/2016 12:45:00 PM	262800.002	0.500	26.095	1.127

45567.949	44634.793	30351.662	1.019	14.793
1/21/2016 1:00:00 PM	263700.000	0.471	25.618	1.060
45353.691	44824.320	30480.541	1.019	14.791
1/21/2016 1:15:00 PM	264600.000	0.476	24.611	1.073
45173.734	45512.152	30948.266	1.020	14.788
1/21/2016 1:30:00 PM	265500.000	0.485	24.023	1.093
45248.105	46108.617	31353.861	1.020	14.787
1/21/2016 1:45:00 PM	266400.000	0.487	23.118	1.097
45123.449	46806.105	31828.154	1.021	14.777
1/21/2016 2:00:00 PM	267300.000	0.478	22.522	1.076
44960.133	47194.199	32092.057	1.021	14.778
1/21/2016 2:15:00 PM	268200.000	0.517	22.904	1.165
45459.156	47354.840	32201.293	1.021	14.778
1/21/2016 2:30:00 PM	269100.000	0.504	22.433	1.136
45352.891	47691.402	32430.156	1.021	14.768
1/21/2016 2:45:00 PM	270000.000	0.502	22.019	1.130
45197.547	47926.316	32589.896	1.022	14.763
1/21/2016 2:58:07 PM	270787.620	0.507	20.446	1.143
46251.809	50657.648	34447.203	1.024	14.765
1/21/2016 3:06:37 PM	271297.087	0.502	19.961	1.131
45427.605	50265.547	34180.574	1.023	14.767
1/21/2016 3:21:37 PM	272197.087	101.429	23.415	228.479
37434.133	38602.734	26249.861	1.016	14.765
1/21/2016 3:38:31 PM	273210.960	0.807	18.561	1.817
11316.232	12903.056	8774.078	1.004	14.763
1/21/2016 3:53:31 PM	274110.960	123.863	24.422	279.014
42685.715	43161.953	29350.131	1.018	14.761
1/21/2016 4:08:31 PM	275010.960	123.868	24.908	279.024
42708.945	42783.766	29092.963	1.018	14.759
1/21/2016 4:23:31 PM	275910.960	123.881	24.901	279.054
42691.039	42771.941	29084.920	1.018	14.755
1/21/2016 4:38:31 PM	276810.960	123.895	24.874	279.086
42686.801	42789.453	29096.830	1.018	14.751
1/21/2016 4:53:31 PM	277710.960	123.915	24.771	279.131
42714.770	42902.602	29173.771	1.018	14.749
1/21/2016 5:08:31 PM	278610.960	123.945	24.735	279.197
42712.898	42930.492	29192.736	1.018	14.749
1/21/2016 5:23:31 PM	279510.960	123.977	24.715	279.270
42669.930	42903.473	29174.361	1.018	14.748
1/21/2016 5:38:31 PM	280410.960	124.011	24.693	279.348
42713.398	42965.344	29216.434	1.018	14.749
1/21/2016 5:53:31 PM	281310.960	124.050	24.676	279.434
42727.012	42993.195	29235.375	1.018	14.749
1/21/2016 6:08:31 PM	282210.960	124.086	24.668	279.516
42740.473	43013.273	29249.027	1.018	14.750
1/21/2016 6:23:31 PM	283110.960	124.126	24.662	279.606
42746.973	43024.438	29256.619	1.018	14.752
1/21/2016 6:38:31 PM	284010.960	124.164	24.656	279.691
42779.266	43062.375	29282.418	1.018	14.753
1/21/2016 6:53:31 PM	284910.960	124.207	24.662	279.788
42808.230	43086.316	29298.697	1.018	14.754
1/21/2016 7:08:31 PM	285810.960	124.245	24.633	279.875
42764.926	43066.680	29285.344	1.018	14.758
1/21/2016 7:23:31 PM	286710.960	124.283	24.621	279.959
42776.785	43088.629	29300.268	1.018	14.759
1/21/2016 7:38:31 PM	287610.960	124.323	24.604	280.049
42774.473	43100.648	29308.443	1.018	14.758

1/21/2016 7:53:31 PM	288510.960	124.358	24.587	280.129
42784.609	43125.152	29325.105	1.018	14.762
1/21/2016 8:08:31 PM	289410.960	124.400	24.564	280.222
42722.258	43080.699	29294.877	1.018	14.766
1/21/2016 8:23:31 PM	290310.960	124.424	24.542	280.276
42741.766	43118.859	29320.826	1.018	14.766
1/21/2016 8:38:31 PM	291210.960	124.460	24.525	280.359
42752.734	43144.164	29338.031	1.018	14.765
1/21/2016 8:53:31 PM	292110.960	124.448	24.517	280.332
42760.883	43159.324	29348.342	1.018	14.761
1/21/2016 9:08:31 PM	293010.960	124.502	24.502	280.452
42766.137	43176.801	29360.227	1.018	14.762
1/21/2016 9:23:31 PM	293910.960	124.524	24.492	280.502
42732.133	43151.105	29342.752	1.018	14.769
1/21/2016 9:38:31 PM	294810.960	124.533	24.469	280.523
42787.098	43225.168	29393.115	1.018	14.770
1/21/2016 9:53:31 PM	295710.960	124.536	24.465	280.529
42776.344	43218.371	29388.494	1.018	14.770
1/21/2016 10:08:31 PM	296610.960	124.551	24.462	280.563
42742.434	43186.551	29366.857	1.018	14.771
1/21/2016 10:23:31 PM	297510.960	124.550	24.456	280.562
42808.969	43258.656	29415.889	1.018	14.768
1/21/2016 10:38:31 PM	298410.960	124.547	24.440	280.554
42744.293	43206.828	29380.645	1.018	14.768
1/21/2016 10:53:31 PM	299310.960	124.547	24.421	280.554
42777.316	43255.316	29413.615	1.018	14.767
1/21/2016 11:08:31 PM	300210.960	124.535	24.405	280.527
42731.129	43222.297	29391.162	1.018	14.767
1/21/2016 11:23:31 PM	301110.960	124.520	24.401	280.494
42751.758	43246.496	29407.619	1.018	14.767
1/21/2016 11:38:31 PM	302010.960	124.514	24.395	280.479
42760.281	43260.016	29416.813	1.018	14.768
1/21/2016 11:53:31 PM	302910.960	124.492	24.385	280.431
42763.508	43271.953	29424.928	1.018	14.768
1/22/2016 12:08:31 AM	303810.960	124.480	24.386	280.404
42766.125	43273.785	29426.176	1.018	14.766
1/22/2016 12:23:31 AM	304710.960	124.469	24.391	280.379
42739.379	43242.051	29404.596	1.018	14.766
1/22/2016 12:38:31 AM	305610.960	124.443	24.387	280.321
42783.969	43291.016	29437.893	1.018	14.771
1/22/2016 12:53:31 AM	306510.960	124.420	24.367	280.269
42757.602	43281.164	29431.193	1.018	14.773
1/22/2016 1:08:31 AM	307410.960	124.402	24.354	280.227
42756.906	43290.852	29437.781	1.018	14.775
1/22/2016 1:23:31 AM	308310.960	124.387	24.360	280.195
42733.578	43262.629	29418.588	1.018	14.777
1/22/2016 1:38:31 AM	309210.960	124.378	24.362	280.174
42772.980	43300.734	29444.502	1.018	14.775
1/22/2016 1:53:31 AM	310110.960	124.372	24.367	280.159
42738.969	43261.715	29417.969	1.018	14.767
1/22/2016 2:08:31 AM	311010.960	124.358	24.372	280.128
42759.391	43278.383	29429.303	1.018	14.753
1/22/2016 2:23:31 AM	311910.960	124.360	24.373	280.134
42757.734	43276.262	29427.857	1.018	14.750
1/22/2016 2:38:31 AM	312810.960	124.353	24.371	280.117
42735.254	43254.910	29413.342	1.018	14.746
1/22/2016 2:53:31 AM	313710.960	124.351	24.362	280.112

42772.316	43300.141	29444.098	1.018	14.744
1/22/2016 3:08:31 AM	314610.960	124.360	24.347	280.133
42755.758	43296.066	29441.328	1.018	14.743
1/22/2016 3:23:31 AM	315510.960	124.378	24.313	280.175
42744.344	43312.934	29452.797	1.019	14.744
1/22/2016 3:38:31 AM	316410.960	124.383	24.282	280.185
42722.535	43316.680	29455.344	1.019	14.744
1/22/2016 3:53:31 AM	317310.960	124.403	24.260	280.231
42734.074	43346.813	29475.834	1.019	14.746
1/22/2016 4:08:31 AM	318210.960	124.415	24.216	280.257
42793.160	43443.488	29541.574	1.019	14.747
1/22/2016 4:23:31 AM	319110.960	124.459	24.201	280.356
42810.938	43474.148	29562.424	1.019	14.748
1/22/2016 4:38:31 AM	320010.960	124.470	24.160	280.382
42727.473	43424.141	29528.418	1.019	14.742
1/22/2016 4:53:31 AM	320910.960	124.500	24.119	280.447
42744.605	43475.832	29563.568	1.019	14.740
1/22/2016 5:08:31 AM	321810.960	124.548	24.111	280.557
42759.031	43497.539	29578.328	1.019	14.741
1/22/2016 5:23:31 AM	322710.960	124.573	24.093	280.614
42732.422	43485.496	29570.139	1.019	14.741
1/22/2016 5:38:31 AM	323610.960	124.596	24.112	280.664
42770.664	43508.324	29585.660	1.019	14.743
1/22/2016 5:53:31 AM	324510.960	124.644	24.100	280.773
42771.895	43520.121	29593.686	1.019	14.745
1/22/2016 6:08:31 AM	325410.960	124.688	24.102	280.871
42764.141	43510.656	29587.248	1.019	14.746
1/22/2016 6:23:31 AM	326310.960	124.715	24.117	280.932
42749.172	43482.578	29568.156	1.019	14.747
1/22/2016 6:38:31 AM	327210.960	124.748	24.119	281.008
42741.410	43473.262	29561.818	1.019	14.747
1/22/2016 6:53:31 AM	328110.960	124.783	24.118	281.086
42735.914	43468.340	29558.473	1.019	14.747
1/22/2016 7:08:31 AM	329010.960	124.830	24.119	281.192
42743.707	43475.520	29563.355	1.019	14.750
1/22/2016 7:23:31 AM	329910.960	124.850	24.126	281.237
42796.813	43523.102	29595.711	1.019	14.751
1/22/2016 7:38:31 AM	330810.960	124.890	24.138	281.327
42758.559	43474.406	29562.598	1.019	14.753
1/22/2016 7:53:31 AM	331710.960	124.907	24.142	281.366
42753.238	43465.859	29556.787	1.019	14.757
1/22/2016 8:08:31 AM	332610.960	124.932	24.146	281.421
42772.332	43481.387	29567.344	1.019	14.758
1/22/2016 8:23:31 AM	333510.960	124.932	24.146	281.422
42764.066	43473.352	29561.881	1.019	14.759
1/22/2016 8:38:31 AM	334410.960	124.955	24.142	281.474
42737.117	43448.871	29545.234	1.019	14.757
1/22/2016 8:53:31 AM	335310.960	124.964	24.163	281.493
42780.262	43475.691	29563.473	1.019	14.753
1/22/2016 9:08:31 AM	336210.960	124.960	24.150	281.485
42709.266	43413.836	29521.410	1.019	14.756
1/22/2016 9:23:31 AM	337110.960	124.949	24.136	281.459
42747.246	43464.102	29555.592	1.019	14.758
1/22/2016 9:38:31 AM	338010.960	124.946	24.133	281.454
42780.379	43500.625	29580.428	1.019	14.759
1/22/2016 9:53:31 AM	338910.960	124.930	24.145	281.416
42748.141	43457.691	29551.230	1.019	14.760

1/22/2016 10:08:31 AM	339810.960	124.906	24.135	281.364
42777.199	43495.742	29577.107	1.019	14.758
1/22/2016 10:23:31 AM	340710.960	124.885	24.147	281.315
42747.957	43455.855	29549.984	1.019	14.752
1/22/2016 10:38:31 AM	341610.960	124.843	24.146	281.220
42754.793	43463.852	29555.422	1.019	14.747
1/22/2016 10:53:31 AM	342510.960	124.813	24.138	281.153
42789.918	43506.289	29584.277	1.019	14.748
1/22/2016 11:08:31 AM	343410.960	124.750	24.134	281.011
42792.410	43512.492	29588.496	1.019	14.753
1/22/2016 11:23:31 AM	344310.960	124.712	24.119	280.925
42753.102	43484.770	29569.646	1.019	14.750
1/22/2016 11:38:31 AM	345210.960	124.660	24.111	280.809
42757.813	43496.371	29577.533	1.019	14.741
1/22/2016 11:53:31 AM	346110.960	124.620	24.102	280.719
42734.371	43480.445	29566.703	1.019	14.737
1/22/2016 12:08:31 PM	347010.960	124.559	24.087	280.581
42763.313	43521.945	29594.926	1.019	14.736
1/22/2016 12:23:31 PM	347910.960	124.515	24.081	280.483
42771.859	43535.809	29604.352	1.019	14.736
1/22/2016 12:38:31 PM	348810.960	124.463	24.084	280.364
42768.020	43529.953	29600.371	1.019	14.726
1/22/2016 12:53:31 PM	349710.960	124.406	24.073	280.237
42781.734	43553.121	29616.125	1.019	14.725
1/22/2016 1:08:31 PM	350610.960	124.351	24.062	280.114
42779.234	43559.578	29620.516	1.019	14.731
1/22/2016 1:23:31 PM	351510.960	124.293	24.046	279.983
42787.781	43581.551	29635.457	1.019	14.724
1/22/2016 1:38:31 PM	352410.960	124.249	24.036	279.884
42762.023	43564.082	29623.576	1.019	14.717
1/22/2016 1:53:31 PM	353310.960	124.195	24.037	279.762
42739.215	43540.465	29607.518	1.019	14.715
1/22/2016 2:08:31 PM	354210.960	124.111	24.030	279.573
42742.031	43548.965	29613.299	1.019	14.719
1/22/2016 2:23:31 PM	355110.960	124.107	24.038	279.563
42766.500	43566.992	29625.557	1.019	14.721
1/22/2016 2:38:31 PM	356010.960	124.076	24.036	279.494
42766.246	43568.156	29626.346	1.019	14.717
1/22/2016 2:53:31 PM	356910.960	124.024	24.051	279.375
42784.641	43574.523	29630.676	1.019	14.716
1/22/2016 3:08:31 PM	357810.960	123.993	24.055	279.306
42748.680	43534.602	29603.531	1.019	14.715
1/22/2016 3:23:31 PM	358710.960	123.971	24.046	279.258
42769.594	43563.027	29622.859	1.019	14.713
1/22/2016 3:38:31 PM	359610.960	123.956	24.037	279.222
42781.258	43582.934	29636.396	1.019	14.713
1/22/2016 3:53:31 PM	360510.960	123.933	24.033	279.171
42808.855	43614.500	29657.861	1.019	14.719
1/22/2016 4:08:31 PM	361410.960	123.918	24.023	279.138
42748.875	43562.004	29622.164	1.019	14.721
1/22/2016 4:23:31 PM	362310.960	123.917	24.025	279.135
42761.555	43572.680	29629.424	1.019	14.717
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42742.063	43551.324	29614.902	1.019	14.719
1/22/2016 4:53:31 PM	364110.960	123.926	24.014	279.154
42798.043	43619.105	29660.994	1.019	14.720
1/22/2016 5:08:31 PM	365010.960	123.942	24.014	279.192

42793.266	43614.676	29657.982	1.019	14.721
1/22/2016 5:23:31 PM	365910.960	123.961	24.027	279.234
42735.977	43545.199	29610.736	1.019	14.720
1/22/2016 5:38:31 PM	366810.960	123.986	24.034	279.290
42742.559	43545.973	29611.264	1.019	14.724
1/22/2016 5:53:31 PM	367710.960	124.007	24.062	279.338
42803.449	43584.520	29637.475	1.019	14.723
1/22/2016 6:08:31 PM	368610.960	124.036	24.075	279.402
42805.289	43575.309	29631.213	1.019	14.724
1/22/2016 6:23:31 PM	369510.960	124.064	24.095	279.467
42775.238	43527.422	29598.648	1.019	14.727
1/22/2016 6:38:31 PM	370410.960	124.116	24.091	279.583
42733.578	43488.621	29572.264	1.019	14.726
1/22/2016 6:53:31 PM	371310.960	124.148	24.098	279.655
42792.320	43542.781	29609.092	1.019	14.725
1/22/2016 7:08:31 PM	372210.960	124.204	24.110	279.781
42768.883	43508.754	29585.955	1.019	14.729
1/22/2016 7:23:31 PM	373110.960	124.234	24.094	279.849
42723.762	43475.934	29563.637	1.019	14.732
1/22/2016 7:38:31 PM	374010.960	124.264	24.075	279.918
42798.855	43568.535	29626.604	1.019	14.733
1/22/2016 7:53:31 PM	374910.960	124.314	24.100	280.029
42768.547	43516.949	29591.525	1.019	14.738
1/22/2016 8:08:31 PM	375810.960	124.350	24.100	280.112
42791.285	43540.000	29607.203	1.019	14.737
1/22/2016 8:23:31 PM	376710.960	124.388	24.121	280.195
42770.543	43501.246	29580.850	1.019	14.735
1/22/2016 8:38:31 PM	377610.960	124.421	24.139	280.270
42795.895	43511.398	29587.754	1.019	14.738
1/22/2016 8:53:31 PM	378510.960	124.456	24.138	280.349
42774.457	43490.195	29573.336	1.019	14.738
1/22/2016 9:08:31 PM	379410.960	124.495	24.188	280.438
42736.840	43410.164	29518.914	1.019	14.737
1/22/2016 9:23:31 PM	380310.960	124.520	24.185	280.493
42753.340	43429.309	29531.932	1.019	14.741
1/22/2016 9:38:31 PM	381210.960	124.549	24.224	280.558
42742.188	43385.344	29502.035	1.019	14.740
1/22/2016 9:53:31 PM	382110.960	124.567	24.295	280.599
42723.918	43307.453	29449.070	1.019	14.737
1/22/2016 10:08:31 PM	383010.960	124.578	24.286	280.625
42752.715	43343.930	29473.875	1.019	14.741
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42787.043	43390.645	29505.641	1.019	14.743
1/22/2016 10:38:31 PM	384810.960	124.595	24.278	280.662
42761.109	43358.988	29484.115	1.019	14.741
1/22/2016 10:53:31 PM	385710.960	124.609	24.280	280.693
42796.816	43393.328	29507.463	1.019	14.745
1/22/2016 11:08:31 PM	386610.960	124.612	24.309	280.701
42724.258	43295.992	29441.277	1.018	14.742
1/22/2016 11:23:31 PM	387510.960	124.604	24.331	280.684
42780.977	43334.895	29467.730	1.019	14.743
1/22/2016 11:38:31 PM	388410.960	124.607	24.338	280.689
42792.359	43339.957	29471.172	1.019	14.744
1/22/2016 11:53:31 PM	389310.960	124.599	24.345	280.672
42788.793	43330.633	29464.832	1.019	14.743
1/23/2016 12:08:31 AM	390210.960	124.580	24.345	280.628
42788.832	43331.113	29465.160	1.019	14.742

1/23/2016 12:23:31 AM	391110.960	124.559	24.352	280.580
42796.293	43332.574	29466.152	1.019	14.739
1/23/2016 12:38:31 AM	392010.960	124.545	24.355	280.549
42774.535	43307.809	29449.313	1.018	14.738
1/23/2016 12:53:31 AM	392910.960	124.523	24.396	280.501
42757.918	43256.887	29414.684	1.018	14.741
1/23/2016 1:08:31 AM	393810.960	124.506	24.468	280.462
42784.293	43223.813	29392.195	1.018	14.744
1/23/2016 1:23:31 AM	394710.960	124.485	24.506	280.415
42768.082	43175.742	29359.506	1.018	14.746
1/23/2016 1:38:31 AM	395610.960	124.466	24.523	280.372
42740.645	43133.586	29330.840	1.018	14.747
1/23/2016 1:53:31 AM	396510.960	124.446	24.537	280.328
42803.711	43185.859	29366.387	1.018	14.747
1/23/2016 2:08:31 AM	397410.960	124.427	24.552	280.283
42729.141	43097.805	29306.510	1.018	14.749
1/23/2016 2:23:31 AM	398310.960	124.408	24.567	280.241
42776.684	43133.746	29330.947	1.018	14.751
1/23/2016 2:38:31 AM	399210.960	124.391	24.572	280.202
42797.348	43149.711	29341.807	1.018	14.755
1/23/2016 2:53:31 AM	400110.960	124.379	24.577	280.176
42714.184	43061.746	29281.990	1.018	14.755
1/23/2016 3:08:31 AM	401010.960	124.377	24.591	280.172
42743.809	43080.422	29294.689	1.018	14.752
1/23/2016 3:23:31 AM	401910.960	124.366	24.601	280.146
42739.152	43067.492	29285.896	1.018	14.750
1/23/2016 3:38:31 AM	402810.960	124.367	24.607	280.149
42795.598	43119.141	29321.016	1.018	14.751
1/23/2016 3:53:31 AM	403710.960	124.365	24.614	280.144
42770.035	43087.941	29299.803	1.018	14.752
1/23/2016 4:08:31 AM	404610.960	124.374	24.626	280.165
42728.215	43035.957	29264.451	1.018	14.753
1/23/2016 4:23:31 AM	405510.960	124.386	24.628	280.192
42744.441	43050.172	29274.119	1.018	14.752
1/23/2016 4:38:31 AM	406410.960	124.403	24.628	280.229
42805.801	43111.969	29316.139	1.018	14.748
1/23/2016 4:53:31 AM	407310.960	124.420	24.633	280.267
42778.801	43080.875	29294.998	1.018	14.750
1/23/2016 5:08:31 AM	408210.960	124.443	24.629	280.321
42720.938	43025.984	29257.672	1.018	14.753
1/23/2016 5:23:31 AM	409110.960	124.455	24.635	280.347
42754.699	43055.133	29277.492	1.018	14.754
1/23/2016 5:38:31 AM	410010.960	124.490	24.653	280.426
42809.477	43095.145	29304.701	1.018	14.756
1/23/2016 5:53:31 AM	410910.960	124.514	24.669	280.480
42808.754	43080.809	29294.951	1.018	14.762
1/23/2016 6:08:31 AM	411810.960	124.550	24.667	280.561
42733.184	43006.379	29244.340	1.018	14.765
1/23/2016 6:23:31 AM	412710.960	124.587	24.689	280.644
42744.156	42999.961	29239.977	1.018	14.766
1/23/2016 6:38:31 AM	413610.960	124.618	24.709	280.715
42743.180	42982.180	29227.885	1.018	14.768
1/23/2016 6:53:31 AM	414510.960	124.658	24.689	280.804
42763.391	43019.313	29253.133	1.018	14.771
1/23/2016 7:08:31 AM	415410.960	124.697	24.705	280.892
42759.145	43001.605	29241.092	1.018	14.772
1/23/2016 7:23:31 AM	416310.960	124.742	24.699	280.993

42734.723	42981.441	29227.383	1.018	14.774
1/23/2016 7:38:31 AM	417210.960	124.769	24.719	281.055
42761.773	42992.371	29234.814	1.018	14.779
1/23/2016 7:53:31 AM	418110.960	124.802	24.728	281.129
42742.266	42965.211	29216.346	1.018	14.782
1/23/2016 8:08:31 AM	419010.960	124.840	24.735	281.213
42725.320	42942.609	29200.975	1.018	14.780
1/23/2016 8:23:31 AM	419910.960	124.870	24.762	281.281
42749.875	42945.320	29202.820	1.018	14.784
1/23/2016 8:38:31 AM	420810.960	124.883	24.732	281.312
42799.648	43019.883	29253.523	1.018	14.786
1/23/2016 8:53:31 AM	421710.960	124.900	24.783	281.350
42754.402	42932.605	29194.174	1.018	14.790
1/23/2016 9:08:31 AM	422610.960	124.931	24.808	281.418
42777.879	42935.547	29196.172	1.018	14.786
1/23/2016 9:23:31 AM	423510.960	124.943	24.772	281.447
42760.449	42947.746	29204.469	1.018	14.784
1/23/2016 9:38:31 AM	424410.960	124.950	24.795	281.461
42753.918	42922.176	29187.082	1.018	14.788
1/23/2016 9:53:31 AM	425310.960	124.941	24.827	281.442
42751.059	42893.070	29167.289	1.018	14.793
1/23/2016 10:08:31 AM	426210.960	124.929	24.801	281.415
42727.207	42889.875	29165.117	1.018	14.796
1/23/2016 10:23:31 AM	427110.960	124.921	24.786	281.398
42703.145	42878.430	29157.334	1.018	14.798
1/23/2016 10:38:31 AM	428010.960	124.912	24.811	281.376
42787.641	42942.855	29201.143	1.018	14.799
1/23/2016 10:53:31 AM	428910.960	124.874	24.811	281.291
42791.629	42946.270	29203.465	1.018	14.798
1/23/2016 11:08:31 AM	429810.960	124.858	24.847	281.255
42712.410	42837.582	29129.559	1.018	14.798
1/23/2016 11:23:31 AM	430710.960	124.819	24.884	281.167
42741.945	42836.789	29129.020	1.018	14.795
1/23/2016 11:38:31 AM	431610.960	124.793	24.895	281.109
42745.867	42831.605	29125.494	1.018	14.792
1/23/2016 11:53:31 AM	432510.960	124.749	24.897	281.008
42730.426	42814.828	29114.086	1.018	14.788
1/23/2016 12:08:31 PM	433410.960	124.701	24.903	280.901
42776.035	42855.203	29141.541	1.018	14.785
1/23/2016 12:23:31 PM	434310.960	124.653	24.909	280.792
42802.250	42877.164	29156.473	1.018	14.783
1/23/2016 12:38:31 PM	435210.960	124.600	24.914	280.673
42734.086	42804.508	29107.066	1.018	14.781
1/23/2016 12:53:31 PM	436110.960	124.535	24.920	280.527
42726.652	42791.898	29098.494	1.018	14.779
1/23/2016 1:08:31 PM	437010.960	124.496	24.930	280.439
42763.508	42820.727	29118.096	1.018	14.776
1/23/2016 1:23:31 PM	437910.960	124.451	24.934	280.338
42736.840	42791.184	29098.008	1.018	14.774
1/23/2016 1:38:31 PM	438810.960	124.388	24.929	280.195
42831.320	42889.500	29164.861	1.018	14.776
1/23/2016 1:53:31 PM	439710.960	124.316	24.940	280.034
42807.461	42856.277	29142.271	1.018	14.778
1/23/2016 2:08:31 PM	440610.960	124.269	24.948	279.927
42781.262	42823.641	29120.076	1.018	14.776
1/23/2016 2:23:31 PM	441510.960	124.216	24.958	279.808
42782.453	42816.531	29115.244	1.018	14.779

1/23/2016 2:38:31 PM	442410.960	124.168	24.974	279.700
42752.402	42773.301	29085.848	1.018	14.782
1/23/2016 2:53:31 PM	443310.960	124.123	24.974	279.599
42762.906	42784.465	29093.438	1.018	14.780
1/23/2016 3:08:31 PM	444210.960	124.075	24.980	279.491
42817.441	42833.422	29126.729	1.018	14.782
1/23/2016 3:23:31 PM	445110.960	124.035	24.980	279.401
42751.008	42767.691	29082.033	1.018	14.785
1/23/2016 3:38:31 PM	446010.960	123.997	24.986	279.316
42806.438	42817.758	29116.078	1.018	14.788
1/23/2016 3:53:31 PM	446910.960	123.974	24.982	279.264
42737.531	42752.531	29071.723	1.018	14.788
1/23/2016 4:08:31 PM	447810.960	123.955	24.982	279.220
42794.074	42808.816	29109.996	1.018	14.786
1/23/2016 4:23:31 PM	448710.960	123.929	24.982	279.161
42787.758	42802.859	29105.947	1.018	14.788
1/23/2016 4:38:31 PM	449610.960	123.912	24.989	279.123
42793.688	42802.383	29105.623	1.018	14.794
1/23/2016 4:53:31 PM	450510.960	123.916	24.983	279.132
42758.426	42772.492	29085.297	1.018	14.790
1/23/2016 5:08:31 PM	451410.960	123.919	24.992	279.140
42767.359	42773.941	29086.283	1.018	14.787
1/23/2016 5:23:31 PM	452310.960	123.915	24.998	279.130
42825.242	42827.176	29122.482	1.018	14.791
1/23/2016 5:38:31 PM	453210.960	123.919	25.016	279.139
42754.152	42741.332	29064.105	1.018	14.793
1/23/2016 5:53:31 PM	454110.960	123.927	25.011	279.158
42760.152	42750.969	29070.660	1.018	14.797
1/23/2016 6:08:31 PM	455010.960	123.935	25.018	279.176
42782.688	42768.051	29082.277	1.018	14.804
1/23/2016 6:23:31 PM	455910.960	123.965	25.044	279.243
42793.879	42757.883	29075.363	1.018	14.803
1/23/2016 6:38:31 PM	456810.960	123.995	25.052	279.311
42737.016	42694.465	29032.238	1.018	14.801
1/23/2016 6:53:31 PM	457710.960	124.023	25.062	279.373
42810.969	42760.070	29076.850	1.018	14.802
1/23/2016 7:08:31 PM	458610.960	124.055	25.063	279.446
42777.488	42725.754	29053.514	1.018	14.803
1/23/2016 7:23:31 PM	459510.960	124.081	25.060	279.504
42737.078	42687.938	29027.797	1.018	14.804
1/23/2016 7:38:31 PM	460410.960	124.131	25.086	279.617
42763.949	42693.613	29031.660	1.018	14.802
1/23/2016 7:53:31 PM	461310.960	124.165	25.072	279.695
42770.766	42712.297	29044.363	1.018	14.804
1/23/2016 8:08:31 PM	462210.960	124.204	25.076	279.781
42771.309	42709.434	29042.418	1.018	14.807
1/23/2016 8:23:31 PM	463110.960	124.254	25.081	279.894
42789.879	42723.984	29052.313	1.018	14.806
1/23/2016 8:38:31 PM	464010.960	124.302	25.078	280.003
42763.570	42700.039	29036.027	1.018	14.807
1/23/2016 8:53:31 PM	464910.960	124.329	25.075	280.064
42755.188	42693.984	29031.912	1.018	14.809
1/23/2016 9:08:31 PM	465810.960	124.374	25.072	280.164
42772.965	42714.574	29045.912	1.018	14.811
1/23/2016 9:23:31 PM	466710.960	124.416	25.075	280.259
42739.379	42678.199	29021.178	1.018	14.810
1/23/2016 9:38:31 PM	467610.960	124.438	25.072	280.309

42760.855	42702.328	29037.586	1.018	14.812
1/23/2016 9:53:31 PM	468510.960	124.483	25.072	280.411
42793.285	42734.785	29059.656	1.018	14.811
1/23/2016 10:08:31 PM	469410.960	124.500	25.093	280.448
42771.336	42695.109	29032.674	1.018	14.812
1/23/2016 10:23:31 PM	470310.960	124.527	25.077	280.509
42771.688	42708.648	29041.881	1.018	14.815
1/23/2016 10:38:31 PM	471210.960	124.543	25.081	280.546
42752.102	42686.266	29026.660	1.018	14.814
1/23/2016 10:53:31 PM	472110.960	124.553	25.071	280.568
42735.199	42677.578	29020.756	1.018	14.815
1/23/2016 11:08:31 PM	473010.960	124.581	25.077	280.631
42752.852	42689.992	29029.195	1.018	14.813
1/23/2016 11:23:31 PM	473910.960	124.579	25.089	280.625
42769.566	42697.105	29034.033	1.018	14.813
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42746.645	42669.309	29015.133	1.018	14.812
1/23/2016 11:53:31 PM	475710.960	124.578	25.104	280.623
42735.230	42650.383	29002.260	1.018	14.814
1/24/2016 12:08:31 AM	476610.960	124.578	25.121	280.623
42771.242	42672.996	29017.637	1.018	14.816
1/24/2016 12:23:31 AM	477510.960	124.563	25.132	280.591
42790.336	42682.711	29024.246	1.018	14.815
1/24/2016 12:38:31 AM	478410.960	124.546	25.160	280.552
42801.578	42671.480	29016.609	1.018	14.811
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42824.730	42683.125	29024.527	1.018	14.813
1/24/2016 1:08:31 AM	480210.960	124.516	25.173	280.485
42755.207	42614.195	28977.654	1.018	14.817
1/24/2016 1:23:31 AM	481110.960	124.505	25.168	280.459
42778.578	42641.469	28996.201	1.018	14.814
1/24/2016 1:38:31 AM	482010.960	124.483	25.178	280.411
42791.973	42646.797	28999.824	1.018	14.815
1/24/2016 1:53:31 AM	482910.960	124.460	25.189	280.358
42788.684	42634.699	28991.596	1.018	14.816
1/24/2016 2:08:31 AM	483810.960	124.444	25.202	280.323
42801.262	42636.527	28992.842	1.018	14.819
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1/24/2016 2:38:31 AM	485610.960	124.403	25.222	280.231
42762.918	42582.313	28955.975	1.018	14.816
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42763.133	42581.152	28955.186	1.018	14.820
1/24/2016 3:08:31 AM	487410.960	124.366	25.235	280.147
42767.016	42575.930	28951.633	1.018	14.818
1/24/2016 3:23:31 AM	488310.960	124.355	25.244	280.121
42791.766	42593.059	28963.279	1.018	14.813
1/24/2016 3:38:31 AM	489210.960	124.343	25.249	280.094
42783.199	42580.863	28954.990	1.018	14.817
1/24/2016 3:53:31 AM	490110.960	124.335	25.260	280.077
42760.648	42549.191	28933.453	1.018	14.819
1/24/2016 4:08:31 AM	491010.960	124.328	25.269	280.060
42795.758	42576.770	28952.203	1.018	14.821
1/24/2016 4:23:31 AM	491910.960	124.320	25.287	280.042
42743.258	42509.852	28906.699	1.018	14.822
1/24/2016 4:38:31 AM	492810.960	124.326	25.301	280.056
42776.906	42532.730	28922.258	1.018	14.824

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42771.273	42522.598	28915.369	1.018	14.829
1/24/2016 5:08:31 AM	494610.960	124.333	25.313	280.072
42751.613	42497.223	28898.113	1.018	14.828
1/24/2016 5:23:31 AM	495510.960	124.349	25.332	280.109
42753.270	42483.547	28888.813	1.018	14.829
1/24/2016 5:38:31 AM	496410.960	124.364	25.342	280.142
42790.383	42513.023	28908.857	1.018	14.828
1/24/2016 5:53:31 AM	497310.960	124.380	25.349	280.177
42731.297	42448.496	28864.980	1.018	14.830
1/24/2016 6:08:31 AM	498210.960	124.403	25.366	280.231
42727.586	42430.824	28852.963	1.018	14.833
1/24/2016 6:23:31 AM	499110.960	124.438	25.389	280.309
42791.980	42476.652	28884.125	1.018	14.836
1/24/2016 6:38:31 AM	500010.960	124.456	25.399	280.350
42769.066	42445.730	28863.098	1.018	14.840
1/24/2016 6:53:31 AM	500910.960	124.479	25.415	280.401
42812.805	42475.852	28883.582	1.018	14.842
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42807.066	42456.742	28870.586	1.018	14.842
1/24/2016 7:23:31 AM	502710.960	124.547	25.451	280.554
42786.238	42420.516	28845.953	1.018	14.846
1/24/2016 7:38:31 AM	503610.960	124.592	25.466	280.656
42779.191	42401.859	28833.268	1.018	14.851
1/24/2016 7:53:31 AM	504510.960	124.625	25.472	280.731
42732.086	42350.078	28798.055	1.018	14.854
1/24/2016 8:08:31 AM	505410.960	124.672	25.481	280.836
42758.285	42369.180	28811.045	1.018	14.848
1/24/2016 8:23:31 AM	506310.960	124.685	25.494	280.865
42749.684	42350.430	28798.295	1.018	14.857
1/24/2016 8:38:31 AM	507210.960	124.722	25.510	280.949
42760.129	42347.832	28796.525	1.018	14.860
1/24/2016 8:53:31 AM	508110.960	124.758	25.521	281.029
42760.051	42339.102	28790.590	1.018	14.856
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42777.281	42342.148	28792.664	1.018	14.856
1/24/2016 9:23:31 AM	509910.960	124.809	25.554	281.144
42731.520	42284.152	28753.225	1.018	14.854
1/24/2016 9:38:31 AM	510810.960	124.823	25.565	281.177
42808.863	42351.602	28799.092	1.018	14.856
1/24/2016 9:53:31 AM	511710.960	124.839	25.586	281.211
42789.078	42315.109	28774.277	1.018	14.857
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42780.531	42299.656	28763.768	1.018	14.857
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42741.184	42255.695	28733.875	1.018	14.858
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42817.559	42322.285	28779.156	1.018	14.862
1/24/2016 10:53:31 AM	515310.960	124.842	25.635	281.220
42768.270	42256.031	28734.102	1.018	14.855
1/24/2016 11:08:31 AM	516210.960	124.843	25.648	281.220
42785.723	42262.660	28738.611	1.018	14.849
1/24/2016 11:23:31 AM	517110.960	124.821	25.670	281.171
42799.555	42258.516	28735.793	1.018	14.849
1/24/2016 11:38:31 AM	518010.960	124.805	25.685	281.136
42790.160	42237.770	28721.686	1.018	14.843
1/24/2016 11:53:31 AM	518910.960	124.774	25.697	281.066

42772.348	42210.234	28702.961	1.018	14.841
1/24/2016 12:08:31 PM	519810.960	124.749	25.706	281.009
42740.758	42171.738	28676.785	1.017	14.835
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42789.844	42212.563	28704.545	1.018	14.835
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42760.105	42167.957	28674.211	1.017	14.832
1/24/2016 12:53:31 PM	522510.960	124.631	25.757	280.744
42791.582	42181.875	28683.678	1.017	14.823
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42759.340	42136.043	28652.512	1.017	14.825
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42809.918	42180.137	28682.496	1.017	14.827
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42743.492	42090.813	28621.754	1.017	14.821
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42728.840	42066.609	28605.297	1.017	14.820
1/24/2016 2:23:31 PM	527910.960	124.319	25.839	280.040
42789.340	42114.133	28637.613	1.017	14.817
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42775.426	42089.180	28620.645	1.017	14.815
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42782.398	42081.527	28615.439	1.017	14.818
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42772.594	42062.059	28602.201	1.017	14.822
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42795.664	42072.785	28609.496	1.017	14.824
1/24/2016 3:38:31 PM	532410.960	124.071	25.912	279.483
42755.824	42024.082	28576.377	1.017	14.825
1/24/2016 3:53:31 PM	533310.960	124.031	25.939	279.392
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42749.262	41984.184	28549.248	1.017	14.826
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42803.133	42025.656	28577.447	1.017	14.827
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42727.883	41933.883	28515.043	1.017	14.832
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42762.035	41953.805	28528.590	1.017	14.831
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42744.770	41918.277	28504.432	1.017	14.822
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42763.371	41926.672	28510.137	1.017	14.828
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42800.563	41947.371	28524.213	1.017	14.835
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42797.531	41930.324	28512.623	1.017	14.840
1/24/2016 6:23:31 PM	542310.960	123.891	26.111	279.077
42797.723	41908.441	28497.742	1.017	14.841
1/24/2016 6:38:31 PM	543210.960	123.913	26.110	279.127
42817.684	41928.621	28511.465	1.017	14.837
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42783.387	41900.859	28492.586	1.017	14.836

1/24/2016 7:08:31 PM	545010.960	123.957	26.108	279.224
42809.098	41921.758	28506.795	1.017	14.836
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42769.605	41856.898	28462.691	1.017	14.837
1/24/2016 7:38:31 PM	546810.960	124.023	26.143	279.373
42788.391	41874.160	28474.432	1.017	14.836
1/24/2016 7:53:31 PM	547710.960	124.056	26.149	279.449
42740.160	41822.055	28439.000	1.017	14.839
1/24/2016 8:08:31 PM	548610.960	124.092	26.182	279.529
42769.527	41825.051	28441.037	1.017	14.844
1/24/2016 8:23:31 PM	549510.960	124.127	26.184	279.607
42800.223	41853.602	28460.451	1.017	14.847
1/24/2016 8:38:31 PM	550410.960	124.175	26.232	279.715
42793.730	41809.977	28430.785	1.017	14.847
1/24/2016 8:53:31 PM	551310.960	124.217	26.245	279.811
42789.918	41795.684	28421.066	1.017	14.848
1/24/2016 9:08:31 PM	552210.960	124.254	26.256	279.894
42815.023	41811.734	28431.982	1.017	14.848
1/24/2016 9:23:31 PM	553110.960	124.298	26.244	279.994
42814.090	41820.340	28437.834	1.017	14.850
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42753.414	41737.105	28381.232	1.017	14.849
1/24/2016 9:53:31 PM	554910.960	124.371	26.304	280.157
42767.746	41728.391	28375.307	1.017	14.848
1/24/2016 10:08:31 PM	555810.960	124.409	26.333	280.243
42777.191	41715.195	28366.334	1.017	14.848
1/24/2016 10:23:31 PM	556710.960	124.447	26.335	280.329
42798.766	41734.699	28379.598	1.017	14.851
1/24/2016 10:38:31 PM	557610.960	124.473	26.306	280.388
42782.906	41741.367	28384.133	1.017	14.853
1/24/2016 10:53:31 PM	558510.960	124.492	26.326	280.431
42787.824	41730.871	28376.994	1.017	14.853
1/24/2016 11:08:31 PM	559410.960	124.508	26.372	280.467
42779.406	41686.809	28347.031	1.017	14.852
1/24/2016 11:23:31 PM	560310.960	124.532	26.440	280.520
42827.184	41680.594	28342.807	1.017	14.851
1/24/2016 11:38:31 PM	561210.960	124.547	26.475	280.555
42793.680	41621.207	28302.424	1.017	14.850
1/24/2016 11:53:31 PM	562110.960	124.551	26.512	280.564
42773.961	41573.688	28270.109	1.017	14.850
1/25/2016 12:08:31 AM	563010.960	124.564	26.526	280.594
42767.707	41556.168	28258.195	1.017	14.849
1/25/2016 12:23:31 AM	563910.960	124.556	26.542	280.576
42760.840	41537.500	28245.500	1.017	14.850
1/25/2016 12:38:31 AM	564810.960	124.556	26.555	280.575
42771.309	41537.820	28245.721	1.017	14.852
1/25/2016 12:53:31 AM	565710.960	124.546	26.568	280.552
42772.691	41529.113	28239.797	1.017	14.850
1/25/2016 1:08:31 AM	566610.960	124.537	26.586	280.532
42767.480	41509.922	28226.750	1.017	14.845
1/25/2016 1:23:31 AM	567510.960	124.531	26.597	280.517
42761.340	41495.309	28216.813	1.017	14.845
1/25/2016 1:38:31 AM	568410.960	124.505	26.609	280.459
42811.949	41535.617	28244.223	1.017	14.846
1/25/2016 1:53:31 AM	569310.960	124.485	26.610	280.415
42817.492	41540.098	28247.270	1.017	14.851
1/25/2016 2:08:31 AM	570210.960	124.472	26.616	280.385

42769.195	41488.406	28212.117	1.017	14.848
1/25/2016 2:23:31 AM	571110.960	124.453	26.660	280.342
42773.156	41458.703	28191.920	1.017	14.846
1/25/2016 2:38:31 AM	572010.960	124.435	26.659	280.302
42760.547	41447.027	28183.979	1.017	14.846
1/25/2016 2:53:31 AM	572910.960	124.412	26.635	280.249
42778.992	41483.574	28208.832	1.017	14.842
1/25/2016 3:08:31 AM	573810.960	124.396	26.620	280.214
42732.453	41449.711	28185.807	1.017	14.841
1/25/2016 3:23:31 AM	574710.960	124.370	26.632	280.155
42782.621	41489.176	28212.643	1.017	14.836
1/25/2016 3:38:31 AM	575610.960	124.354	26.666	280.119
42805.840	41485.746	28210.311	1.017	14.837
1/25/2016 3:53:31 AM	576510.960	124.336	26.688	280.078
42796.879	41460.328	28193.025	1.017	14.841
1/25/2016 4:08:31 AM	577410.960	124.319	26.706	280.042
42795.324	41445.016	28182.613	1.017	14.842
1/25/2016 4:23:31 AM	578310.960	124.300	26.708	279.997
42767.137	41415.781	28162.732	1.017	14.843
1/25/2016 4:38:31 AM	579210.960	124.291	26.701	279.978
42798.484	41452.016	28187.373	1.017	14.842
1/25/2016 4:53:31 AM	580110.960	124.293	26.693	279.981
42772.457	41432.531	28174.121	1.017	14.841
1/25/2016 5:08:31 AM	581010.960	124.290	26.693	279.974
42762.777	41423.570	28168.027	1.017	14.837
1/25/2016 5:23:31 AM	581910.960	124.294	26.699	279.985
42779.875	41435.434	28176.098	1.017	14.837
1/25/2016 5:38:31 AM	582810.960	124.291	26.708	279.978
42785.203	41433.836	28175.008	1.017	14.844
1/25/2016 5:53:31 AM	583710.960	124.310	26.713	280.019
42772.094	41416.918	28163.506	1.017	14.843
1/25/2016 6:08:31 AM	584610.960	124.321	26.726	280.046
42746.602	41382.168	28139.875	1.017	14.840
1/25/2016 6:23:31 AM	585510.960	124.339	26.730	280.086
42790.629	41421.965	28166.938	1.017	14.839
1/25/2016 6:38:31 AM	586410.960	124.355	26.739	280.123
42742.945	41368.637	28130.674	1.017	14.841
1/25/2016 6:53:31 AM	587310.960	124.378	26.756	280.174
42800.840	41412.191	28160.291	1.017	14.841
1/25/2016 7:08:31 AM	588210.960	124.403	26.779	280.230
42822.418	41415.332	28162.428	1.017	14.842
1/25/2016 7:23:31 AM	589110.960	124.438	26.795	280.309
42773.723	41355.645	28121.840	1.017	14.847
1/25/2016 7:38:31 AM	590010.960	124.465	26.804	280.369
42785.480	41360.262	28124.979	1.017	14.853
1/25/2016 7:53:31 AM	590910.960	124.495	26.817	280.437
42786.719	41351.406	28118.957	1.017	14.856
1/25/2016 8:08:31 AM	591810.960	124.517	26.844	280.488
42774.871	41319.664	28097.371	1.017	14.856
1/25/2016 8:23:31 AM	592710.960	124.549	26.834	280.559
42791.063	41343.008	28113.246	1.017	14.864
1/25/2016 8:38:31 AM	593610.960	124.585	26.834	280.640
42800.172	41351.469	28119.002	1.017	14.863
1/25/2016 8:53:31 AM	594510.960	124.621	26.850	280.721
42795.668	41335.082	28107.857	1.017	14.859
1/25/2016 9:08:31 AM	595410.960	124.651	26.882	280.790
42778.406	41294.426	28080.209	1.017	14.864

1/25/2016 9:23:31 AM	596310.960	124.685	26.910	280.865
42770.219	41264.824	28060.082	1.017	14.865
1/25/2016 9:38:31 AM	597210.960	124.706	26.934	280.913
42778.176	41253.984	28052.709	1.017	14.864
1/25/2016 9:53:31 AM	598110.960	124.735	26.965	280.977
42792.492	41244.750	28046.430	1.017	14.858
1/25/2016 10:08:31 AM	599010.960	124.762	26.998	281.040
42807.352	41234.047	28039.154	1.017	14.854
1/25/2016 10:23:31 AM	599910.960	124.778	27.005	281.075
42787.836	41209.988	28022.795	1.017	14.856
1/25/2016 10:38:31 AM	600810.960	124.792	27.022	281.106
42788.238	41197.301	28014.166	1.017	14.856
1/25/2016 10:53:31 AM	601710.960	124.792	27.048	281.107
42792.711	41181.836	28003.650	1.017	14.859
1/25/2016 11:08:31 AM	602610.960	124.797	27.067	281.118
42784.398	41159.070	27988.168	1.017	14.861
1/25/2016 11:23:31 AM	603510.960	124.793	27.094	281.107
42765.148	41120.887	27962.203	1.017	14.859
1/25/2016 11:38:31 AM	604410.960	124.781	27.125	281.082
42788.195	41119.496	27961.260	1.016	14.858
1/25/2016 11:53:31 AM	605310.960	124.770	27.147	281.056
42794.750	41108.953	27954.090	1.016	14.857
1/25/2016 12:08:31 PM	606210.960	124.751	27.160	281.013
42766.602	41072.094	27929.025	1.016	14.854
1/25/2016 12:23:31 PM	607110.960	124.736	27.191	280.980
42821.305	41101.309	27948.893	1.016	14.847
1/25/2016 12:38:31 PM	608010.960	124.712	27.196	280.925
42776.371	41054.102	27916.789	1.016	14.841
1/25/2016 12:53:31 PM	608910.960	124.673	27.199	280.839
42796.195	41071.289	27928.479	1.016	14.843
1/25/2016 1:08:31 PM	609810.960	124.635	27.196	280.752
42825.488	41101.176	27948.803	1.016	14.842
1/25/2016 1:23:31 PM	610710.960	124.595	27.206	280.661
42796.965	41066.449	27925.186	1.016	14.839
1/25/2016 1:38:31 PM	611610.960	124.555	27.197	280.571
42806.266	41082.527	27936.121	1.016	14.834
1/25/2016 1:53:31 PM	612510.960	124.517	27.205	280.487
42798.711	41068.727	27926.734	1.016	14.830
1/25/2016 2:08:31 PM	613410.960	124.472	27.226	280.385
42782.512	41037.949	27905.807	1.016	14.827
1/25/2016 2:23:31 PM	614310.960	124.423	27.234	280.276
42770.234	41019.777	27893.449	1.016	14.825
1/25/2016 2:38:31 PM	615210.960	124.368	27.245	280.152
42783.844	41024.871	27896.914	1.016	14.828
1/25/2016 2:53:31 PM	616110.960	124.327	27.251	280.059
42775.836	41012.434	27888.457	1.016	14.827
1/25/2016 3:08:31 PM	617010.960	124.275	27.250	279.941
42806.910	41043.043	27909.271	1.016	14.828
1/25/2016 3:23:31 PM	617910.960	124.227	27.251	279.833
42767.039	41003.934	27882.678	1.016	14.832
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42786.949	41017.992	27892.234	1.016	14.833
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42789.176	41017.816	27892.117	1.016	14.832
1/25/2016 4:08:31 PM	620610.960	124.103	27.272	279.555
42806.309	41025.672	27897.459	1.016	14.832
1/25/2016 4:23:31 PM	621510.960	124.058	27.274	279.454

42792.113	41011.113	27887.559	1.016	14.836
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42799.352	41017.648	27892.004	1.016	14.839
1/25/2016 4:53:31 PM	623310.960	123.996	27.275	279.314
42799.809	41017.809	27892.111	1.016	14.840
1/25/2016 5:08:31 PM	624210.960	123.970	27.285	279.255
42797.375	41007.320	27884.979	1.016	14.843
1/25/2016 5:23:31 PM	625110.960	123.937	27.304	279.180
42796.172	40992.590	27874.961	1.016	14.844
1/25/2016 5:38:31 PM	626010.960	123.922	27.312	279.147
42791.402	40981.910	27867.701	1.016	14.843
1/25/2016 5:53:31 PM	626910.960	123.910	27.318	279.119
42780.297	40966.523	27857.236	1.016	14.841
1/25/2016 6:08:31 PM	627810.960	123.908	27.314	279.114
42809.906	40997.863	27878.547	1.016	14.841
1/25/2016 6:23:31 PM	628710.960	123.899	27.327	279.094
42773.523	40953.121	27848.123	1.016	14.846
1/25/2016 6:38:31 PM	629610.960	123.899	27.329	279.094
42803.191	40980.234	27866.563	1.016	14.851
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42793.852	40969.457	27859.232	1.016	14.858
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42800.738	40988.887	27872.443	1.016	14.860
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42784.270	40963.133	27854.932	1.016	14.858
1/25/2016 7:38:31 PM	633210.960	123.953	27.342	279.216
42813.332	40979.969	27866.381	1.016	14.862
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42792.238	40952.316	27847.578	1.016	14.857
1/25/2016 8:08:31 PM	635010.960	124.013	27.354	279.351
42802.191	40960.762	27853.318	1.016	14.854
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42780.023	40931.613	27833.500	1.016	14.857
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42786.922	40929.004	27831.725	1.016	14.856
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42815.344	40951.234	27846.842	1.016	14.857
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42795.844	40934.555	27835.498	1.016	14.857
1/25/2016 9:23:31 PM	639510.960	124.201	27.383	279.776
42757.832	40896.703	27809.760	1.016	14.861
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42799.840	40922.785	27827.496	1.016	14.864
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42803.719	40925.414	27829.283	1.016	14.864
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42782.836	40896.852	27809.859	1.016	14.864
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42753.492	40862.180	27786.285	1.016	14.864
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42763.160	40867.832	27790.129	1.016	14.865
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42771.039	40865.016	27788.211	1.016	14.863
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42758.738	40846.371	27775.533	1.016	14.862
1/25/2016 11:23:31 PM	646710.960	124.474	27.469	280.389
42776.727	40850.582	27778.398	1.016	14.864

1/25/2016 11:38:31 PM	647610.960	124.492	27.466	280.431
42814.117	40888.047	27803.875	1.016	14.868
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42802.047	40863.813	27787.395	1.016	14.869
1/26/2016 12:08:31 AM	649410.960	124.526	27.487	280.506
42795.391	40854.484	27781.049	1.016	14.866
1/26/2016 12:23:31 AM	650310.960	124.536	27.501	280.529
42754.949	40805.891	27748.006	1.016	14.863
1/26/2016 12:38:31 AM	651210.960	124.544	27.502	280.548
42778.813	40827.453	27762.668	1.016	14.864
1/26/2016 12:53:31 AM	652110.960	124.540	27.528	280.540
42769.469	40799.367	27743.572	1.016	14.863
1/26/2016 1:08:31 AM	653010.960	124.550	27.525	280.560
42786.961	40818.359	27756.484	1.016	14.861
1/26/2016 1:23:31 AM	653910.960	124.540	27.530	280.538
42781.293	40809.234	27750.281	1.016	14.864
1/26/2016 1:38:31 AM	654810.960	124.529	27.550	280.514
42819.332	40830.945	27765.045	1.016	14.867
1/26/2016 1:53:31 AM	655710.960	124.512	27.562	280.475
42814.563	40817.422	27755.850	1.016	14.870
1/26/2016 2:08:31 AM	656610.960	124.505	27.559	280.460
42805.684	40810.910	27751.422	1.016	14.872
1/26/2016 2:23:31 AM	657510.960	124.448	27.571	280.331
42793.605	40790.293	27737.402	1.016	14.870
1/26/2016 2:38:31 AM	658410.960	124.461	27.574	280.360
42797.164	40791.602	27738.291	1.016	14.870
1/26/2016 2:53:31 AM	659310.960	124.444	27.551	280.322
42757.855	40771.512	27724.631	1.016	14.869
1/26/2016 3:08:31 AM	660210.960	124.426	27.539	280.281
42822.336	40841.496	27772.219	1.016	14.870
1/26/2016 3:23:31 AM	661110.960	124.399	27.533	280.221
42822.633	40846.648	27775.723	1.016	14.876
1/26/2016 3:38:31 AM	662010.960	124.373	27.532	280.162
42790.461	40816.422	27755.168	1.016	14.870
1/26/2016 3:53:31 AM	662910.960	124.360	27.496	280.134
42771.422	40825.258	27761.178	1.016	14.867
1/26/2016 4:08:31 AM	663810.960	124.341	27.488	280.089
42755.145	40815.797	27754.744	1.016	14.870
1/26/2016 4:23:31 AM	664710.960	124.320	27.500	280.043
42739.164	40791.164	27737.994	1.016	14.868
1/26/2016 4:38:31 AM	665610.960	124.298	27.534	279.994
42778.195	40802.980	27746.029	1.016	14.869
1/26/2016 4:53:31 AM	666510.960	124.279	27.567	279.950
42799.594	40799.441	27743.621	1.016	14.871
1/26/2016 5:08:31 AM	667410.960	124.272	27.591	279.934
42826.668	40807.242	27748.926	1.016	14.871
1/26/2016 5:23:31 AM	668310.960	124.265	27.624	279.919
42789.293	40747.199	27708.098	1.016	14.872
1/26/2016 5:38:31 AM	669210.960	124.262	27.654	279.913
42789.348	40725.180	27693.125	1.016	14.871
1/26/2016 5:53:31 AM	670110.960	124.258	27.676	279.903
42786.059	40705.445	27679.705	1.016	14.870
1/26/2016 6:08:31 AM	671010.960	124.265	27.707	279.919
42780.391	40677.152	27660.465	1.016	14.868
1/26/2016 6:23:31 AM	671910.960	124.269	27.740	279.929
42757.949	40631.609	27629.496	1.016	14.870
1/26/2016 6:38:31 AM	672810.960	124.283	27.769	279.959

42766.652	40618.434	27620.537	1.016	14.868
1/26/2016 6:53:31 AM	673710.960	124.287	27.801	279.969
42800.934	40627.133	27626.453	1.016	14.867
1/26/2016 7:08:31 AM	674610.960	124.299	27.821	279.995
42795.742	40607.941	27613.402	1.016	14.873
1/26/2016 7:23:31 AM	675510.960	124.316	27.857	280.033
42803.191	40588.172	27599.959	1.016	14.877
1/26/2016 7:38:31 AM	676410.960	124.331	27.887	280.067
42797.824	40561.219	27581.631	1.016	14.883
1/26/2016 7:53:31 AM	677310.960	124.353	27.934	280.116
42780.199	40510.129	27546.891	1.016	14.887
1/26/2016 8:08:31 AM	678210.960	124.382	27.973	280.183
42811.012	40510.477	27547.127	1.016	14.888
1/26/2016 8:23:31 AM	679110.960	124.406	27.986	280.237
42820.480	40510.363	27547.049	1.016	14.891
1/26/2016 8:38:31 AM	680010.960	124.437	28.009	280.307
42794.141	40468.523	27518.596	1.016	14.888
1/26/2016 8:53:31 AM	680910.960	124.464	28.034	280.368
42794.816	40450.648	27506.443	1.016	14.886
1/26/2016 9:08:31 AM	681810.960	124.497	28.064	280.441
42779.461	40414.055	27481.559	1.016	14.886
1/26/2016 9:23:31 AM	682710.960	124.526	28.076	280.506
42801.156	40426.102	27489.752	1.016	14.890
1/26/2016 9:38:31 AM	683610.960	124.552	28.097	280.565
42806.840	40416.242	27483.045	1.016	14.894
1/26/2016 9:53:31 AM	684510.960	124.579	28.114	280.627
42793.398	40391.332	27466.105	1.016	14.895
1/26/2016 10:08:31 AM	685410.960	124.612	28.124	280.700
42788.035	40378.496	27457.379	1.016	14.892
1/26/2016 10:23:31 AM	686310.960	124.629	28.143	280.739
42783.402	40360.453	27445.109	1.016	14.895
1/26/2016 10:38:31 AM	687210.960	124.655	28.155	280.797
42790.039	40358.156	27443.549	1.016	14.896
1/26/2016 10:53:31 AM	688110.960	124.674	28.170	280.841
42785.059	40342.645	27432.998	1.016	14.892
1/26/2016 11:08:31 AM	689010.960	124.678	28.184	280.850
42841.180	40385.543	27462.172	1.016	14.897
1/26/2016 11:23:31 AM	689910.960	124.684	28.206	280.862
42790.414	40321.250	27418.453	1.016	14.895
1/26/2016 11:38:31 AM	690810.960	124.696	28.220	280.889
42821.238	40340.148	27431.303	1.016	14.888
1/26/2016 11:53:31 AM	691710.960	124.700	28.228	280.899
42830.414	40343.227	27433.395	1.016	14.887
1/26/2016 12:08:31 PM	692610.960	124.694	28.230	280.886
42779.219	40293.676	27399.699	1.016	14.881
1/26/2016 12:23:31 PM	693510.960	124.688	28.244	280.871
42804.551	40306.879	27408.680	1.016	14.875
1/26/2016 12:38:31 PM	694410.960	124.678	28.263	280.849
42785.465	40275.270	27387.184	1.016	14.872
1/26/2016 12:53:31 PM	695310.960	124.653	28.283	280.792
42783.363	40259.277	27376.311	1.016	14.870
1/26/2016 1:08:31 PM	696210.960	124.632	28.304	280.746
42800.629	40259.988	27376.795	1.016	14.867
1/26/2016 1:23:31 PM	697110.960	124.613	28.321	280.704
42807.121	40253.465	27372.355	1.016	14.863
1/26/2016 1:38:31 PM	698010.960	124.582	28.356	280.633
42821.145	40241.480	27364.209	1.016	14.863

1/26/2016 1:53:31 PM	698910.960	124.545	28.374	280.550
42800.570	40209.277	27342.311	1.016	14.862
1/26/2016 2:08:31 PM	699810.960	124.518	28.389	280.489
42836.313	40232.359	27358.006	1.016	14.859
1/26/2016 2:23:31 PM	700710.960	124.473	28.399	280.388
42822.629	40211.914	27344.104	1.016	14.859
1/26/2016 2:38:31 PM	701610.960	124.430	28.409	280.291
42785.516	40169.883	27315.523	1.016	14.861
1/26/2016 2:53:31 PM	702510.960	124.395	28.432	280.213
42779.898	40147.945	27300.604	1.016	14.860
1/26/2016 3:08:31 PM	703410.960	124.357	28.439	280.127
42814.117	40175.184	27319.127	1.016	14.854
1/26/2016 3:23:31 PM	704310.960	124.312	28.453	280.025
42769.867	40123.855	27284.223	1.016	14.853
1/26/2016 3:38:31 PM	705210.960	124.268	28.478	279.926
42813.332	40146.590	27299.684	1.016	14.854
1/26/2016 3:53:31 PM	706110.960	124.228	28.491	279.835
42801.344	40126.133	27285.771	1.016	14.855
1/26/2016 4:08:31 PM	707010.960	124.182	28.496	279.732
42802.109	40123.305	27283.850	1.016	14.854
1/26/2016 4:23:31 PM	707910.960	124.150	28.504	279.660
42799.660	40114.762	27278.039	1.016	14.850
1/26/2016 4:38:31 PM	708810.960	124.108	28.525	279.565
42817.055	40116.395	27279.150	1.016	14.850
1/26/2016 4:53:31 PM	709710.960	124.075	28.536	279.491
42814.504	40105.988	27272.074	1.016	14.855
1/26/2016 5:08:31 PM	710610.960	124.038	28.551	279.408
42790.379	40072.746	27249.469	1.015	14.857
1/26/2016 5:23:31 PM	711510.960	124.006	28.565	279.336
42810.316	40081.105	27255.154	1.015	14.860
1/26/2016 5:38:31 PM	712410.960	123.985	28.569	279.287
42770.594	40041.168	27227.994	1.015	14.859
1/26/2016 5:53:31 PM	713310.960	123.972	28.582	279.258
42796.691	40056.410	27238.361	1.015	14.856
1/26/2016 6:08:31 PM	714210.960	123.950	28.602	279.209
42791.441	40037.258	27225.338	1.015	14.856
1/26/2016 6:23:31 PM	715110.960	123.941	28.634	279.189
42836.563	40056.375	27238.336	1.015	14.858
1/26/2016 6:38:31 PM	716010.960	123.933	28.668	279.170
42798.703	39996.930	27197.914	1.015	14.859
1/26/2016 6:53:31 PM	716910.960	123.932	28.653	279.170
42804.559	40012.813	27208.713	1.015	14.861
1/26/2016 7:08:31 PM	717810.960	123.937	28.684	279.181
42809.652	39995.504	27196.945	1.015	14.862
1/26/2016 7:23:31 PM	718710.960	123.938	28.714	279.183
42801.773	39966.297	27177.084	1.015	14.862
1/26/2016 7:38:31 PM	719610.960	123.943	28.730	279.193
42819.742	39971.750	27180.791	1.015	14.867
1/26/2016 7:53:31 PM	720510.960	123.957	28.742	279.226
42798.793	39944.031	27161.943	1.015	14.864
1/26/2016 8:08:31 PM	721410.960	123.981	28.753	279.280
42785.277	39923.512	27147.990	1.015	14.865
1/26/2016 8:23:31 PM	722310.960	124.004	28.768	279.330
42812.172	39938.086	27157.900	1.015	14.867
1/26/2016 8:38:31 PM	723210.960	124.029	28.786	279.388
42796.977	39911.172	27139.600	1.015	14.868
1/26/2016 8:53:31 PM	724110.960	124.057	28.811	279.450

42837.977	39931.254	27153.256	1.015	14.871
1/26/2016 9:08:31 PM	725010.960	124.093	28.821	279.532
42813.582	39901.531	27133.041	1.015	14.875
1/26/2016 9:23:31 PM	725910.960	124.117	28.842	279.586
42817.715	39890.184	27125.326	1.015	14.876
1/26/2016 9:38:31 PM	726810.960	124.160	28.856	279.684
42803.305	39867.109	27109.637	1.015	14.874
1/26/2016 9:53:31 PM	727710.960	124.191	28.860	279.751
42792.141	39853.652	27100.484	1.015	14.877
1/26/2016 10:08:31 PM	728610.960	124.225	28.894	279.828
42826.070	39861.652	27105.924	1.015	14.880
1/26/2016 10:23:31 PM	729510.960	124.269	28.887	279.928
42808.070	39849.586	27097.719	1.015	14.878
1/26/2016 10:38:31 PM	730410.960	124.312	28.906	280.026
42763.691	39794.492	27060.258	1.015	14.880
1/26/2016 10:53:31 PM	731310.960	124.340	28.931	280.089
42818.980	39828.820	27083.600	1.015	14.881
1/26/2016 11:08:31 PM	732210.960	124.379	28.955	280.175
42824.242	39816.668	27075.334	1.015	14.880
1/26/2016 11:23:31 PM	733110.960	124.400	28.951	280.224
42803.449	39799.813	27063.875	1.015	14.882
1/26/2016 11:38:31 PM	734010.960	124.430	28.985	280.291
42783.457	39757.441	27035.061	1.015	14.883
1/26/2016 11:53:31 PM	734910.960	124.458	28.985	280.354
42809.051	39781.090	27051.143	1.015	14.885
1/27/2016 12:08:31 AM	735810.960	124.480	29.018	280.403
42777.504	39728.680	27015.504	1.015	14.882
1/27/2016 12:23:31 AM	736710.960	124.501	29.052	280.451
42813.719	39738.105	27021.914	1.015	14.879
1/27/2016 12:38:31 AM	737610.960	124.520	29.069	280.493
42822.184	39734.355	27019.363	1.015	14.880
1/27/2016 12:53:31 AM	738510.960	124.525	29.068	280.505
42813.492	39727.063	27014.404	1.015	14.880
1/27/2016 1:08:31 AM	739410.960	124.532	29.070	280.521
42802.207	39714.914	27006.145	1.015	14.880
1/27/2016 1:23:31 AM	740310.960	124.554	29.106	280.569
42819.723	39706.012	27000.090	1.015	14.878
1/27/2016 1:38:31 AM	741210.960	124.550	29.094	280.562
42797.074	39692.977	26991.227	1.015	14.877
1/27/2016 1:53:31 AM	742110.960	124.542	29.126	280.543
42788.094	39662.445	26970.465	1.015	14.874
1/27/2016 2:08:31 AM	743010.960	124.544	29.139	280.548
42822.285	39684.809	26985.672	1.015	14.876
1/27/2016 2:23:31 AM	743910.960	124.527	29.147	280.509
42801.004	39659.457	26968.434	1.015	14.874
1/27/2016 2:38:31 AM	744810.960	124.521	29.167	280.496
42791.445	39636.762	26953.000	1.015	14.870
1/27/2016 2:53:31 AM	745710.960	124.508	29.175	280.466
42797.293	39636.746	26952.990	1.015	14.873
1/27/2016 3:08:31 AM	746610.960	124.493	29.189	280.432
42803.391	39632.121	26949.842	1.015	14.874
1/27/2016 3:23:31 AM	747510.960	124.460	29.194	280.359
42798.344	39624.406	26944.598	1.015	14.875
1/27/2016 3:38:31 AM	748410.960	124.449	29.220	280.333
42795.816	39603.793	26930.582	1.015	14.873
1/27/2016 3:53:31 AM	749310.960	124.427	29.231	280.285
42819.742	39618.055	26940.279	1.015	14.867

1/27/2016 4:08:31 AM	750210.960	124.414	29.239	280.254
42774.867	39570.727	26908.094	1.015	14.865
1/27/2016 4:23:31 AM	751110.960	124.391	29.258	280.202
42797.949	39579.109	26913.795	1.015	14.867
1/27/2016 4:38:31 AM	752010.960	124.367	29.271	280.148
42791.941	39564.777	26904.051	1.015	14.867
1/27/2016 4:53:31 AM	752910.960	124.351	29.303	280.112
42810.898	39559.934	26900.758	1.015	14.862
1/27/2016 5:08:31 AM	753810.960	124.340	29.315	280.088
42790.523	39532.277	26881.951	1.015	14.860
1/27/2016 5:23:31 AM	754710.960	124.320	29.339	280.043
42793.090	39517.781	26872.094	1.015	14.860
1/27/2016 5:38:31 AM	755610.960	124.304	29.364	280.006
42816.926	39522.535	26875.326	1.015	14.858
1/27/2016 5:53:31 AM	756510.960	124.288	29.390	279.970
42766.895	39458.230	26831.598	1.015	14.861
1/27/2016 6:08:31 AM	757410.960	124.284	29.376	279.961
42809.305	39507.199	26864.898	1.015	14.863
1/27/2016 6:23:31 AM	758310.960	124.274	29.380	279.939
42796.430	39492.227	26854.715	1.015	14.865
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42801.199	39497.598	26858.367	1.015	14.864
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42784.609	39475.277	26843.191	1.015	14.864
1/27/2016 7:08:31 AM	761010.960	124.281	29.376	279.954
42807.855	39505.988	26864.072	1.015	14.863
1/27/2016 7:23:31 AM	761910.960	124.271	29.399	279.932
42801.148	39483.523	26848.799	1.015	14.864
1/27/2016 7:38:31 AM	762810.960	124.282	29.423	279.957
42804.480	39470.211	26839.744	1.015	14.869
1/27/2016 7:53:31 AM	763710.960	124.286	29.431	279.966
42834.078	39492.035	26854.586	1.015	14.871
1/27/2016 8:08:31 AM	764610.960	124.303	29.446	280.005
42820.836	39469.422	26839.209	1.015	14.870
1/27/2016 8:23:31 AM	765510.960	124.326	29.438	280.057
42792.930	39448.961	26825.295	1.015	14.871
1/27/2016 8:38:31 AM	766410.960	124.347	29.448	280.104
42773.199	39423.645	26808.078	1.015	14.875
1/27/2016 8:53:31 AM	767310.960	124.367	29.478	280.150
42805.020	39432.113	26813.840	1.015	14.877
1/27/2016 9:08:31 AM	768210.960	124.393	29.489	280.208
42804.973	39424.758	26808.838	1.015	14.874
1/27/2016 9:23:31 AM	769110.960	124.420	29.516	280.268
42803.719	39404.813	26795.275	1.015	14.874
1/27/2016 9:38:31 AM	770010.960	124.439	29.509	280.311
42820.949	39425.355	26809.244	1.015	14.879
1/27/2016 9:53:31 AM	770910.960	124.465	29.531	280.370
42792.941	39384.824	26781.684	1.015	14.878
1/27/2016 10:08:31 AM	771810.960	124.486	29.565	280.416
42796.488	39364.195	26767.654	1.015	14.876
1/27/2016 10:23:31 AM	772710.960	124.519	29.575	280.492
42799.133	39360.039	26764.828	1.015	14.877
1/27/2016 10:38:31 AM	773610.960	124.531	29.642	280.519
42804.586	39318.738	26736.744	1.015	14.876
1/27/2016 10:53:31 AM	774510.960	124.557	29.670	280.577
42829.855	39322.125	26739.047	1.015	14.876
1/27/2016 11:08:31 AM	775410.960	124.575	29.692	280.617

42841.957	39318.406	26736.518	1.015	14.877
1/27/2016 11:23:31 AM	776310.960	124.597	29.744	280.667
42803.742	39247.543	26688.332	1.015	14.874
1/27/2016 11:38:31 AM	777210.960	124.602	29.761	280.679
42816.063	39247.367	26688.211	1.015	14.871
1/27/2016 11:53:31 AM	778110.960	124.612	29.785	280.702
42802.434	39218.051	26668.275	1.015	14.871
1/27/2016 12:08:31 PM	779010.960	124.617	29.798	280.712
42799.309	39206.648	26660.523	1.015	14.866
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42803.906	39189.422	26648.807	1.015	14.857
1/27/2016 12:38:31 PM	780810.960	124.627	29.864	280.733
42800.145	39162.059	26630.201	1.015	14.856
1/27/2016 12:53:31 PM	781710.960	124.623	29.880	280.726
42828.723	39177.266	26640.543	1.015	14.857
1/27/2016 1:08:31 PM	782610.960	124.619	29.906	280.716
42787.855	39121.785	26602.816	1.015	14.854
1/27/2016 1:23:31 PM	783510.960	124.604	29.939	280.682
42799.215	39109.953	26594.768	1.015	14.854
1/27/2016 1:38:31 PM	784410.960	124.587	29.977	280.645
42818.332	39101.465	26588.996	1.015	14.856
1/27/2016 1:53:31 PM	785310.960	124.566	30.015	280.596
42780.680	39040.852	26547.781	1.014	14.856
1/27/2016 2:08:31 PM	786210.960	124.545	30.044	280.550
42817.934	39055.477	26557.727	1.014	14.857
1/27/2016 2:23:31 PM	787110.960	124.513	30.050	280.477
42792.430	39027.652	26538.805	1.014	14.861
1/27/2016 2:38:31 PM	788010.960	124.482	30.057	280.409
42837.227	39064.387	26563.783	1.014	14.857
1/27/2016 2:53:31 PM	788910.960	124.459	30.048	280.355
42819.063	39053.395	26556.311	1.014	14.853
1/27/2016 3:08:31 PM	789810.960	124.420	30.068	280.268
42789.809	39013.371	26529.094	1.014	14.852
1/27/2016 3:23:31 PM	790710.960	124.389	30.095	280.199
42842.254	39042.949	26549.205	1.014	14.850
1/27/2016 3:38:31 PM	791610.960	124.358	30.114	280.128
42803.551	38994.406	26516.199	1.014	14.847
1/27/2016 3:53:31 PM	792510.960	124.319	30.132	280.041
42796.305	38975.801	26503.545	1.014	14.846
1/27/2016 4:08:31 PM	793410.960	124.283	30.153	279.959
42800.680	38965.512	26496.549	1.014	14.851
1/27/2016 4:23:31 PM	794310.960	124.252	30.167	279.889
42806.781	38961.402	26493.756	1.014	14.850
1/27/2016 4:38:31 PM	795210.960	124.218	30.190	279.813
42788.648	38929.891	26472.328	1.014	14.852
1/27/2016 4:53:31 PM	796110.960	124.170	30.198	279.706
42838.270	38969.223	26499.072	1.014	14.855
1/27/2016 5:08:31 PM	797010.960	124.133	30.224	279.622
42801.457	38918.340	26464.473	1.014	14.858
1/27/2016 5:23:31 PM	797910.960	124.105	30.254	279.559
42807.789	38903.734	26454.541	1.014	14.860
1/27/2016 5:38:31 PM	798810.960	124.077	30.261	279.496
42808.379	38899.547	26451.693	1.014	14.858
1/27/2016 5:53:31 PM	799710.960	124.057	30.266	279.452
42797.566	38886.262	26442.660	1.014	14.854
1/27/2016 6:08:31 PM	800610.960	124.036	30.276	279.404
42822.559	38902.355	26453.604	1.014	14.855

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42842.465	38906.578	26456.475	1.014	14.860
1/27/2016 6:38:31 PM	802410.960	123.999	30.307	279.320
42796.160	38857.668	26423.217	1.014	14.864
1/27/2016 6:53:31 PM	803310.960	123.992	30.310	279.305
42823.281	38880.156	26438.508	1.014	14.864
1/27/2016 7:08:31 PM	804210.960	123.977	30.327	279.270
42771.137	38821.309	26398.490	1.014	14.866
1/27/2016 7:23:31 PM	805110.960	123.974	30.350	279.262
42818.648	38848.707	26417.121	1.014	14.865
1/27/2016 7:38:31 PM	806010.960	123.973	30.391	279.261
42831.574	38832.773	26406.289	1.014	14.866
1/27/2016 7:53:31 PM	806910.960	123.985	30.403	279.289
42831.934	38825.184	26401.127	1.014	14.867
1/27/2016 8:08:31 PM	807810.960	123.995	30.415	279.311
42838.391	38822.746	26399.467	1.014	14.867
1/27/2016 8:23:31 PM	808710.960	124.001	30.436	279.325
42805.629	38779.191	26369.850	1.014	14.870
1/27/2016 8:38:31 PM	809610.960	124.016	30.427	279.358
42811.344	38790.328	26377.424	1.014	14.875
1/27/2016 8:53:31 PM	810510.960	124.036	30.471	279.403
42795.273	38746.734	26347.779	1.014	14.874
1/27/2016 9:08:31 PM	811410.960	124.065	30.487	279.468
42800.445	38740.516	26343.551	1.014	14.871
1/27/2016 9:23:31 PM	812310.960	124.097	30.495	279.540
42784.469	38720.734	26330.102	1.014	14.872
1/27/2016 9:38:31 PM	813210.960	124.115	30.524	279.581
42825.473	38738.043	26341.871	1.014	14.870
1/27/2016 9:53:31 PM	814110.960	124.142	30.520	279.642
42811.207	38728.020	26335.055	1.014	14.872
1/27/2016 10:08:31 PM	815010.960	124.177	30.526	279.720
42818.617	38730.652	26336.846	1.014	14.876
1/27/2016 10:23:31 PM	815910.960	124.217	30.538	279.811
42801.270	38707.195	26320.895	1.014	14.873
1/27/2016 10:38:31 PM	816810.960	124.247	30.557	279.879
42780.824	38676.141	26299.775	1.014	14.873
1/27/2016 10:53:31 PM	817710.960	124.274	30.576	279.940
42815.078	38694.277	26312.111	1.014	14.876
1/27/2016 11:08:31 PM	818610.960	124.320	30.590	280.044
42779.027	38652.457	26283.672	1.014	14.876
1/27/2016 11:23:31 PM	819510.960	124.337	30.602	280.082
42824.387	38685.371	26306.053	1.014	14.877
1/27/2016 11:38:31 PM	820410.960	124.381	30.614	280.180
42799.453	38654.910	26285.342	1.014	14.875
1/27/2016 11:53:31 PM	821310.960	124.410	30.640	280.245
42807.777	38645.129	26278.688	1.014	14.871

Report Date: 2/1/2016 10:38:34 AM
Report User Name: KMakar
Report Computer Name: WKST46
Application: WinSitu.exe
Application Version: 5.6.25.0

Log File Properties:
File Name: MPWSP MW-3M Pre Test_2016-01-28_14-14-17-499.wsl
Create Date: 1/28/2016 2:14:06 PM

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

Log Data:
Record Count: 969
Sensors: 1
1 - 395601: PCTD 100 PSIG (70m/231ft)
Time Zone: Pacific Standard Time

		Sensor: PCTD(G) 231ft	Sensor: PCTD(G) 231ft	Sensor: PCTD(G) 231ft	Sensor: PCTD(G) 231ft	Sensor: PCTD(G) 231ft	Sensor: PCTD(G) 231ft	Sensor: PCTD(G) 231ft	Sensor: PCTD(G) 231ft	Sensor: PCTD(G) 231ft	Sensor: PCTD(G) 231ft	Sensor: PCTD(G) 231ft
Elapsed Time	SN#: 395601	SN#: 395601	SN#: 395601	SN#: 395601	SN#: 395601	SN#: 395601	SN#: 395601	SN#: 395601	SN#: 395601	SN#: 395601	SN#: 395601	SN#: 395601
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)		
1/21/2016 12:00:00 AM	216900.000	65.876	17.062	148.393	35811.707	42212.070	27.263	28.704	27.924	1.020		
1/21/2016 12:15:00 AM	217800.000	65.874	17.062	148.388	35826.477	42229.145	27.275	28.716	27.912	1.020		
1/21/2016 12:30:00 AM	218700.000	65.870	17.062	148.378	35800.961	42199.238	27.254	28.695	27.932	1.020		
1/21/2016 12:45:00 AM	219600.000	65.872	17.062	148.383	35839.465	42244.789	27.286	28.726	27.902	1.020		
1/21/2016 1:00:00 AM	220500.000	65.866	17.061	148.370	35845.449	42252.266	27.292	28.732	27.898	1.020		

1/21/2016 1:15:00 AM	221400.000	65.864	17.061	148.366
35863.383	42273.645	27.307	28.746	27.884
1.020				
1/21/2016 1:30:00 AM	222300.000	65.861	17.061	148.358
35828.500	42232.027	27.277	28.718	27.911
1.020				
1/21/2016 1:45:00 AM	223200.000	65.862	17.061	148.361
35864.590	42274.898	27.308	28.747	27.883
1.020				
1/21/2016 2:00:00 AM	224100.000	65.861	17.061	148.359
35838.039	42243.941	27.286	28.726	27.903
1.020				
1/21/2016 2:15:00 AM	225000.000	65.862	17.061	148.360
35861.430	42271.102	27.305	28.744	27.885
1.020				
1/21/2016 2:30:00 AM	225900.000	65.857	17.062	148.350
35825.664	42228.523	27.275	28.715	27.913
1.020				
1/21/2016 2:45:00 AM	226800.000	65.861	17.061	148.357
35861.828	42271.402	27.306	28.745	27.885
1.020				
1/21/2016 3:00:00 AM	227700.000	65.856	17.062	148.346
35836.305	42241.066	27.284	28.724	27.905
1.020				
1/21/2016 3:15:00 AM	228600.000	65.862	17.062	148.360
35831.508	42235.410	27.280	28.720	27.908
1.020				
1/21/2016 3:30:00 AM	229500.000	65.861	17.061	148.359
35823.063	42226.035	27.273	28.714	27.915
1.020				
1/21/2016 3:45:00 AM	230400.000	65.866	17.061	148.369
35804.531	42204.035	27.257	28.699	27.929
1.020				
1/21/2016 4:00:00 AM	231300.000	65.866	17.061	148.370
35824.879	42228.176	27.275	28.715	27.914
1.020				
1/21/2016 4:15:00 AM	232200.000	65.868	17.061	148.373
35829.988	42234.199	27.279	28.719	27.910
1.020				
1/21/2016 4:30:00 AM	233100.000	65.875	17.061	148.389
35804.273	42204.309	27.257	28.699	27.930
1.020				
1/21/2016 4:45:00 AM	234000.000	65.879	17.061	148.398
35825.875	42229.352	27.275	28.716	27.913
1.020				
1/21/2016 5:00:00 AM	234900.000	65.885	17.062	148.412
35827.418	42230.590	27.276	28.717	27.912
1.020				
1/21/2016 5:15:00 AM	235800.000	65.884	17.061	148.409
35827.551	42231.000	27.277	28.717	27.911
1.020				
1/21/2016 5:30:00 AM	236700.000	65.888	17.061	148.419
35803.246	42202.758	27.256	28.698	27.930
1.020				
1/21/2016 5:45:00 AM	237600.000	65.896	17.061	148.437
35857.660	42266.816	27.302	28.741	27.888
1.020				
1/21/2016 6:00:00 AM	238500.000	65.899	17.061	148.445

35838.461 42244.441 27.286 28.726 27.903
1.020
1/21/2016 6:15:00 AM 239400.000 65.902 17.061 148.451
35844.836 42251.781 27.291 28.731 27.898
1.020
1/21/2016 6:30:00 AM 240300.000 65.905 17.061 148.457
35801.379 42200.148 27.254 28.696 27.932
1.020
1/21/2016 6:45:00 AM 241200.000 65.913 17.061 148.475
35821.930 42224.613 27.272 28.713 27.916
1.020
1/21/2016 7:00:00 AM 242100.000 65.918 17.061 148.486
35834.289 42238.848 27.282 28.722 27.906
1.020
1/21/2016 7:15:00 AM 243000.000 65.920 17.061 148.492
35843.832 42250.598 27.291 28.730 27.899
1.020
1/21/2016 7:30:00 AM 243900.000 65.925 17.061 148.503
35859.883 42269.277 27.304 28.743 27.886
1.020
1/21/2016 7:45:00 AM 244800.000 65.925 17.061 148.503
35805.371 42205.266 27.258 28.700 27.929
1.020
1/21/2016 8:00:00 AM 245700.000 65.931 17.061 148.516
35831.211 42235.141 27.280 28.720 27.909
1.020
1/21/2016 8:15:00 AM 246600.000 65.928 17.062 148.510
35844.266 42249.957 27.290 28.730 27.898
1.020
1/21/2016 8:30:00 AM 247500.000 65.934 17.062 148.523
35811.695 42212.059 27.263 28.704 27.924
1.020
1/21/2016 8:45:00 AM 248400.000 65.934 17.061 148.524
35833.965 42239.141 27.282 28.723 27.906
1.020
1/21/2016 9:00:00 AM 249300.000 65.934 17.061 148.523
35817.699 42219.625 27.268 28.709 27.919
1.020
1/21/2016 9:15:00 AM 250200.000 65.931 17.061 148.516
35832.207 42236.395 27.280 28.721 27.908
1.020
1/21/2016 9:30:00 AM 251100.000 65.931 17.061 148.517
35822.109 42224.414 27.272 28.713 27.916
1.020
1/21/2016 9:45:00 AM 252000.000 65.928 17.061 148.510
35839.176 42244.609 27.286 28.726 27.902
1.020
1/21/2016 10:00:00 AM 252900.000 65.926 17.061 148.505
35871.703 42282.949 27.314 28.752 27.877
1.020
1/21/2016 10:15:00 AM 253800.000 65.920 17.061 148.491
35856.176 42265.066 27.301 28.740 27.889
1.020
1/21/2016 10:30:00 AM 254700.000 65.912 17.061 148.474
35841.336 42247.156 27.288 28.728 27.901
1.020
1/21/2016 10:45:00 AM 255600.000 65.910 17.062 148.469
35849.199 42256.266 27.295 28.734 27.895

1.020
1/21/2016 11:00:00 AM 256500.000 65.905 17.061 148.458
35838.914 42244.633 27.286 28.726 27.903
1.020
1/21/2016 11:15:00 AM 257400.000 65.897 17.061 148.439
35816.715 42218.465 27.268 28.709 27.920
1.020
1/21/2016 11:30:00 AM 258300.000 65.892 17.061 148.428
35785.063 42181.496 27.241 28.683 27.945
1.020
1/21/2016 11:45:00 AM 259200.000 65.886 17.061 148.415
35834.289 42239.688 27.283 28.723 27.906
1.020
1/21/2016 12:00:00 PM 260100.000 65.876 17.061 148.393
35827.887 42231.723 27.277 28.718 27.911
1.020
1/21/2016 12:15:00 PM 261000.000 65.867 17.061 148.371
35822.723 42225.805 27.273 28.714 27.915
1.020
1/21/2016 12:30:00 PM 261900.000 65.859 17.060 148.355
35813.531 42215.469 27.265 28.707 27.922
1.020
1/21/2016 12:45:00 PM 262800.000 65.852 17.061 148.337
35858.879 42268.336 27.303 28.742 27.887
1.020
1/21/2016 1:00:00 PM 263700.000 65.845 17.060 148.321
35847.719 42256.363 27.295 28.734 27.896
1.020
1/21/2016 1:15:00 PM 264600.000 65.834 17.059 148.297
35795.961 42195.684 27.251 28.693 27.936
1.020
1/21/2016 1:30:00 PM 265500.000 65.828 17.060 148.284
35818.320 42221.535 27.270 28.711 27.919
1.020
1/21/2016 1:45:00 PM 266400.000 65.818 17.060 148.261
35845.969 42253.793 27.293 28.733 27.897
1.020
1/21/2016 2:00:00 PM 267300.000 65.809 17.060 148.241
35846.574 42254.672 27.293 28.733 27.897
1.020
1/21/2016 2:15:00 PM 268200.000 65.804 17.060 148.229
35812.180 42214.469 27.265 28.706 27.923
1.020
1/21/2016 2:30:00 PM 269100.000 65.799 17.060 148.219
35795.320 42194.598 27.250 28.692 27.937
1.020
1/21/2016 2:45:00 PM 270000.000 65.790 17.060 148.199
35831.117 42236.371 27.280 28.721 27.909
1.020
1/21/2016 3:00:00 PM 270900.000 65.779 17.060 148.175
35824.965 42229.445 27.275 28.716 27.913
1.020
1/21/2016 3:15:00 PM 271800.000 65.779 17.060 148.173
35830.926 42236.227 27.280 28.721 27.909
1.020
1/21/2016 3:30:00 PM 272700.000 65.775 17.060 148.165
35773.293 42168.289 27.232 28.674 27.954
1.020

1/21/2016 3:45:00 PM	273600.000	65.770	17.060	148.153
35808.281	42209.613	27.261	28.703	27.927
1.020				
1/21/2016 4:00:00 PM	274500.000	65.767	17.059	148.147
35774.297	42170.219	27.233	28.676	27.953
1.020				
1/21/2016 4:15:00 PM	275400.000	65.767	17.059	148.146
35839.254	42246.551	27.288	28.728	27.902
1.020				
1/21/2016 4:30:00 PM	276300.000	65.761	17.059	148.132
35822.551	42227.102	27.274	28.714	27.915
1.020				
1/21/2016 4:45:00 PM	277200.000	65.766	17.060	148.144
35807.590	42208.965	27.261	28.702	27.927
1.020				
1/21/2016 5:00:00 PM	278100.000	65.762	17.059	148.135
35817.691	42221.879	27.270	28.711	27.919
1.020				
1/21/2016 5:15:00 PM	279000.000	65.764	17.059	148.141
35804.699	42205.898	27.259	28.700	27.929
1.020				
1/21/2016 5:30:00 PM	279900.000	65.766	17.059	148.144
35782.832	42180.449	27.240	28.683	27.946
1.020				
1/21/2016 5:45:00 PM	280800.000	65.767	17.059	148.147
35802.336	42203.535	27.257	28.698	27.931
1.020				
1/21/2016 6:00:00 PM	281700.000	65.770	17.059	148.154
35825.699	42231.234	27.277	28.717	27.913
1.020				
1/21/2016 6:15:00 PM	282600.000	65.775	17.059	148.165
35828.320	42234.324	27.279	28.719	27.911
1.020				
1/21/2016 6:30:00 PM	283500.000	65.770	17.059	148.153
35812.273	42215.328	27.265	28.706	27.923
1.020				
1/21/2016 6:45:00 PM	284400.000	65.780	17.059	148.177
35799.953	42200.629	27.255	28.696	27.933
1.020				
1/21/2016 7:00:00 PM	285300.000	65.779	17.058	148.173
35781.574	42179.473	27.240	28.682	27.947
1.020				
1/21/2016 7:15:00 PM	286200.000	65.784	17.058	148.186
35808.266	42210.938	27.262	28.703	27.927
1.020				
1/21/2016 7:30:00 PM	287100.000	65.790	17.059	148.198
35770.852	42166.324	27.230	28.673	27.956
1.020				
1/21/2016 7:45:00 PM	288000.000	65.790	17.059	148.199
35810.855	42213.738	27.264	28.705	27.924
1.020				
1/21/2016 8:00:00 PM	288900.000	65.798	17.058	148.216
35765.867	42161.457	27.227	28.670	27.960
1.020				
1/21/2016 8:15:00 PM	289800.000	65.799	17.059	148.219
35839.922	42247.746	27.288	28.728	27.902
1.020				
1/21/2016 8:30:00 PM	290700.000	65.804	17.059	148.230

35824.152	42229.496	27.275	28.716	27.914	1.020
1/21/2016 8:45:00 PM	291600.000	65.811	17.058	148.246	
35810.484	42213.887	27.264	28.705	27.925	1.020
1/21/2016 9:00:00 PM	292500.000	65.811	17.058	148.246	
35826.371	42232.520	27.278	28.718	27.912	1.020
1/21/2016 9:15:00 PM	293400.000	65.813	17.057	148.251	
35777.453	42175.863	27.237	28.680	27.951	1.020
1/21/2016 9:30:00 PM	294300.000	65.818	17.059	148.261	
35807.777	42210.109	27.261	28.703	27.927	1.020
1/21/2016 9:45:00 PM	295200.000	65.823	17.058	148.273	
35801.191	42203.258	27.257	28.698	27.932	1.020
1/21/2016 10:00:00 PM	296100.000	65.825	17.058	148.278	
35835.352	42243.699	27.285	28.726	27.905	1.020
1/21/2016 10:15:00 PM	297000.000	65.823	17.058	148.272	
35802.137	42204.457	27.257	28.699	27.931	1.020
1/21/2016 10:30:00 PM	297900.000	65.827	17.058	148.282	
35817.973	42222.617	27.270	28.711	27.919	1.020
1/21/2016 10:45:00 PM	298800.000	65.825	17.058	148.276	
35845.086	42254.340	27.293	28.733	27.898	1.020
1/21/2016 11:00:00 PM	299700.000	65.823	17.058	148.273	
35800.293	42201.953	27.256	28.697	27.933	1.020
1/21/2016 11:15:00 PM	300600.000	65.827	17.058	148.281	
35805.387	42207.879	27.260	28.701	27.929	1.020
1/21/2016 11:30:00 PM	301500.000	65.827	17.058	148.281	
35826.488	42232.832	27.278	28.718	27.912	1.020
1/21/2016 11:45:00 PM	302400.000	65.823	17.059	148.273	
35803.246	42204.934	27.258	28.699	27.930	1.020
1/22/2016 12:00:00 AM	303300.000	65.827	17.058	148.281	
35799.965	42201.984	27.256	28.697	27.933	1.020
1/22/2016 12:15:00 AM	304200.000	65.827	17.058	148.282	
35828.832	42235.680	27.280	28.720	27.910	1.020
1/22/2016 12:30:00 AM	305100.000	65.821	17.059	148.269	
35784.301	42182.602	27.242	28.684	27.945	1.020
1/22/2016 12:45:00 AM	306000.000	65.821	17.059	148.267	
35788.008	42186.805	27.245	28.687	27.942	1.020
1/22/2016 1:00:00 AM	306900.000	65.815	17.058	148.254	
35810.801	42214.426	27.265	28.706	27.925	1.020
1/22/2016 1:15:00 AM	307800.000	65.816	17.058	148.257	
35807.785	42210.785	27.262	28.703	27.927	

1.020
1/22/2016 1:30:00 AM 308700.000 65.813 17.059 148.251
35791.516 42191.023 27.248 28.690 27.940
1.020
1/22/2016 1:45:00 AM 309600.000 65.809 17.058 148.241
35784.824 42183.305 27.242 28.685 27.945
1.020
1/22/2016 2:00:00 AM 310500.000 65.810 17.059 148.243
35837.840 42245.051 27.287 28.727 27.903
1.020
1/22/2016 2:15:00 AM 311400.000 65.804 17.059 148.229
35815.254 42218.922 27.268 28.709 27.921
1.020
1/22/2016 2:30:00 AM 312300.000 65.809 17.058 148.241
35817.828 42222.289 27.270 28.711 27.919
1.020
1/22/2016 2:45:00 AM 313200.000 65.806 17.058 148.234
35835.082 42242.629 27.285 28.725 27.906
1.020
1/22/2016 3:00:00 AM 314100.000 65.807 17.059 148.238
35818.645 42223.004 27.271 28.712 27.918
1.020
1/22/2016 3:15:00 AM 315000.000 65.807 17.059 148.238
35827.938 42233.871 27.279 28.719 27.911
1.020
1/22/2016 3:30:00 AM 315900.000 65.805 17.059 148.231
35785.480 42183.992 27.243 28.685 27.944
1.020
1/22/2016 3:45:00 AM 316800.000 65.805 17.059 148.231
35784.957 42182.625 27.242 28.684 27.945
1.020
1/22/2016 4:00:00 AM 317700.000 65.807 17.059 148.237
35816.758 42220.859 27.269 28.710 27.920
1.020
1/22/2016 4:15:00 AM 318600.000 65.816 17.059 148.257
35825.625 42230.891 27.276 28.717 27.913
1.020
1/22/2016 4:30:00 AM 319500.000 65.818 17.059 148.262
35787.457 42185.660 27.244 28.686 27.943
1.020
1/22/2016 4:45:00 AM 320400.000 65.822 17.059 148.271
35823.930 42228.566 27.275 28.715 27.914
1.020
1/22/2016 5:00:00 AM 321300.000 65.817 17.059 148.258
35807.652 42209.465 27.261 28.702 27.927
1.020
1/22/2016 5:15:00 AM 322200.000 65.830 17.060 148.287
35800.012 42199.953 27.254 28.696 27.933
1.020
1/22/2016 5:30:00 AM 323100.000 65.834 17.059 148.297
35819.887 42224.055 27.271 28.712 27.917
1.020
1/22/2016 5:45:00 AM 324000.000 65.834 17.060 148.297
35806.262 42207.398 27.260 28.701 27.928
1.020
1/22/2016 6:00:00 AM 324900.000 65.854 17.060 148.342
35804.227 42205.094 27.258 28.699 27.930
1.020

1/22/2016 6:15:00 AM	325800.000	65.850	17.060	148.334
35789.633	42187.301	27.245	28.687	27.941
1.020				
1/22/2016 6:30:00 AM	326700.000	65.858	17.060	148.351
35784.340	42180.887	27.241	28.683	27.945
1.020				
1/22/2016 6:45:00 AM	327600.000	65.855	17.061	148.344
35829.727	42234.227	27.279	28.719	27.910
1.020				
1/22/2016 7:00:00 AM	328500.000	65.871	17.061	148.380
35860.754	42270.137	27.305	28.744	27.886
1.020				
1/22/2016 7:15:00 AM	329400.000	65.871	17.061	148.380
35830.227	42234.320	27.279	28.719	27.909
1.020				
1/22/2016 7:30:00 AM	330300.000	65.876	17.062	148.391
35835.969	42240.246	27.283	28.723	27.905
1.020				
1/22/2016 7:45:00 AM	331200.000	65.896	17.062	148.437
35838.535	42243.273	27.285	28.725	27.903
1.020				
1/22/2016 8:00:00 AM	332100.000	65.898	17.062	148.442
35871.313	42281.496	27.313	28.751	27.877
1.020				
1/22/2016 8:15:00 AM	333000.000	65.904	17.062	148.456
35876.961	42288.234	27.318	28.756	27.873
1.020				
1/22/2016 8:30:00 AM	333900.000	65.906	17.064	148.459
35889.254	42301.547	27.327	28.765	27.863
1.020				
1/22/2016 8:45:00 AM	334800.000	65.911	17.064	148.471
35865.398	42273.516	27.307	28.746	27.882
1.020				
1/22/2016 9:00:00 AM	335700.000	65.921	17.065	148.493
35861.922	42268.246	27.303	28.742	27.885
1.020				
1/22/2016 9:15:00 AM	336600.000	65.920	17.066	148.492
35852.629	42256.453	27.295	28.734	27.892
1.020				
1/22/2016 9:30:00 AM	337500.000	65.920	17.065	148.491
35839.383	42241.605	27.284	28.724	27.902
1.020				
1/22/2016 9:45:00 AM	338400.000	65.921	17.066	148.493
35845.980	42248.371	27.289	28.729	27.897
1.020				
1/22/2016 10:00:00 AM	339300.000	65.930	17.066	148.513
35865.871	42271.734	27.306	28.745	27.882
1.020				
1/22/2016 10:15:00 AM	340200.000	65.933	17.067	148.521
35868.211	42273.316	27.307	28.746	27.880
1.020				
1/22/2016 10:30:00 AM	341100.000	65.934	17.067	148.522
35828.820	42227.145	27.274	28.714	27.910
1.020				
1/22/2016 10:45:00 AM	342000.000	65.933	17.067	148.521
35854.539	42257.453	27.296	28.735	27.890
1.020				
1/22/2016 11:00:00 AM	342900.000	65.929	17.066	148.512

35894.094 42304.496 27.329 28.767 27.860
1.020
1/22/2016 11:15:00 AM 343800.000 65.921 17.067 148.494
35899.543 42310.410 27.334 28.771 27.856
1.020
1/22/2016 11:30:00 AM 344700.000 65.924 17.067 148.499
35865.398 42270.578 27.305 28.744 27.882
1.020
1/22/2016 11:45:00 AM 345600.000 65.918 17.068 148.487
35926.426 42341.590 27.356 28.792 27.835
1.020
1/22/2016 12:00:00 PM 346500.000 65.916 17.067 148.482
35885.227 42293.879 27.322 28.760 27.867
1.020
1/22/2016 12:15:00 PM 347400.000 65.905 17.067 148.457
35876.352 42282.836 27.314 28.752 27.874
1.020
1/22/2016 12:30:00 PM 348300.000 65.903 17.067 148.452
35870.570 42276.023 27.309 28.748 27.878
1.020
1/22/2016 12:45:00 PM 349200.000 65.897 17.067 148.439
35946.141 42365.672 27.373 28.809 27.819
1.020
1/22/2016 1:00:00 PM 350100.000 65.894 17.067 148.433
35856.328 42259.313 27.297 28.736 27.889
1.020
1/22/2016 1:15:00 PM 351000.000 65.886 17.067 148.414
35858.684 42262.172 27.299 28.738 27.887
1.020
1/22/2016 1:30:00 PM 351900.000 65.876 17.067 148.391
35876.285 42282.918 27.314 28.752 27.874
1.020
1/22/2016 1:45:00 PM 352800.000 65.875 17.067 148.389
35867.348 42272.297 27.306 28.745 27.881
1.020
1/22/2016 2:00:00 PM 353700.000 65.868 17.067 148.373
35879.109 42286.246 27.316 28.755 27.871
1.020
1/22/2016 2:15:00 PM 354600.000 65.850 17.066 148.334
35886.094 42295.398 27.323 28.761 27.866
1.020
1/22/2016 2:30:00 PM 355500.000 65.856 17.066 148.347
35885.902 42295.258 27.323 28.761 27.866
1.020
1/22/2016 2:45:00 PM 356400.000 65.845 17.066 148.321
35914.250 42328.492 27.347 28.783 27.844
1.020
1/22/2016 3:00:00 PM 357300.000 65.844 17.066 148.319
35888.180 42298.273 27.325 28.763 27.864
1.020
1/22/2016 3:15:00 PM 358200.000 65.834 17.066 148.298
35876.754 42284.473 27.315 28.753 27.873
1.020
1/22/2016 3:30:00 PM 359100.000 65.835 17.067 148.299
35867.477 42272.781 27.307 28.745 27.880
1.020
1/22/2016 3:45:00 PM 360000.000 65.835 17.066 148.299
35919.910 42335.750 27.352 28.788 27.840

1.020
1/22/2016 4:00:00 PM 360900.000 65.833 17.066 148.295
35858.480 42262.688 27.300 28.739 27.887
1.020
1/22/2016 4:15:00 PM 361800.000 65.820 17.066 148.266
35887.109 42296.934 27.324 28.762 27.865
1.020
1/22/2016 4:30:00 PM 362700.000 65.822 17.066 148.271
35846.719 42248.898 27.290 28.729 27.897
1.020
1/22/2016 4:45:00 PM 363600.000 65.829 17.066 148.285
35930.664 42348.426 27.361 28.797 27.831
1.020
1/22/2016 5:00:00 PM 364500.000 65.817 17.066 148.260
35865.867 42271.809 27.306 28.745 27.882
1.020
1/22/2016 5:15:00 PM 365400.000 65.819 17.066 148.263
35916.543 42331.703 27.349 28.786 27.842
1.020
1/22/2016 5:30:00 PM 366300.000 65.822 17.065 148.271
35870.500 42277.691 27.310 28.749 27.878
1.020
1/22/2016 5:45:00 PM 367200.000 65.825 17.066 148.276
35858.602 42263.164 27.300 28.739 27.887
1.020
1/22/2016 6:00:00 PM 368100.000 65.824 17.066 148.275
35873.863 42281.234 27.313 28.751 27.875
1.020
1/22/2016 6:15:00 PM 369000.000 65.827 17.066 148.281
35853.977 42258.043 27.296 28.735 27.891
1.020
1/22/2016 6:30:00 PM 369900.000 65.827 17.065 148.282
35851.898 42255.844 27.295 28.734 27.893
1.020
1/22/2016 6:45:00 PM 370800.000 65.830 17.065 148.287
35873.531 42281.340 27.313 28.751 27.876
1.020
1/22/2016 7:00:00 PM 371700.000 65.841 17.065 148.313
35840.738 42242.691 27.285 28.725 27.901
1.020
1/22/2016 7:15:00 PM 372600.000 65.839 17.065 148.309
35877.297 42286.043 27.316 28.755 27.873
1.020
1/22/2016 7:30:00 PM 373500.000 65.849 17.065 148.330
35915.074 42330.227 27.348 28.785 27.843
1.020
1/22/2016 7:45:00 PM 374400.000 65.852 17.065 148.338
35911.906 42326.832 27.345 28.782 27.846
1.020
1/22/2016 8:00:00 PM 375300.000 65.856 17.066 148.346
35876.477 42284.559 27.315 28.754 27.873
1.020
1/22/2016 8:15:00 PM 376200.000 65.864 17.065 148.366
35924.004 42340.926 27.356 28.792 27.837
1.020
1/22/2016 8:30:00 PM 377100.000 65.872 17.066 148.383
35908.336 42322.031 27.342 28.779 27.849
1.020

1/22/2016 8:45:00 PM	378000.000	65.869	17.066	148.375
35847.867	42250.926	27.291	28.731	27.896
1.020				
1/22/2016 9:00:00 PM	378900.000	65.879	17.065	148.399
35871.438	42278.969	27.311	28.750	27.877
1.020				
1/22/2016 9:15:00 PM	379800.000	65.888	17.065	148.418
35862.723	42268.602	27.304	28.743	27.884
1.020				
1/22/2016 9:30:00 PM	380700.000	65.892	17.066	148.429
35860.082	42265.238	27.301	28.740	27.886
1.020				
1/22/2016 9:45:00 PM	381600.000	65.895	17.065	148.435
35852.164	42256.082	27.295	28.734	27.892
1.020				
1/22/2016 10:00:00 PM	382500.000	65.898	17.066	148.441
35877.422	42285.430	27.316	28.754	27.873
1.020				
1/22/2016 10:15:00 PM	383400.000	65.908	17.065	148.464
35889.125	42299.719	27.326	28.764	27.864
1.020				
1/22/2016 10:30:00 PM	384300.000	65.912	17.066	148.474
35876.277	42284.324	27.315	28.753	27.874
1.020				
1/22/2016 10:45:00 PM	385200.000	65.910	17.066	148.468
35857.410	42261.844	27.299	28.738	27.888
1.020				
1/22/2016 11:00:00 PM	386100.000	65.912	17.066	148.474
35883.473	42292.727	27.321	28.759	27.868
1.020				
1/22/2016 11:15:00 PM	387000.000	65.915	17.065	148.480
35848.207	42251.492	27.291	28.731	27.895
1.020				
1/22/2016 11:30:00 PM	387900.000	65.933	17.066	148.520
35903.836	42316.895	27.338	28.775	27.852
1.020				
1/22/2016 11:45:00 PM	388800.000	65.919	17.065	148.488
35906.059	42319.602	27.340	28.777	27.850
1.020				
1/23/2016 12:00:00 AM	389700.000	65.924	17.066	148.500
35869.695	42276.652	27.309	28.748	27.879
1.020				
1/23/2016 12:15:00 AM	390600.000	65.946	17.067	148.550
35865.539	42270.586	27.305	28.744	27.882
1.020				
1/23/2016 12:30:00 AM	391500.000	65.972	17.067	148.608
35892.750	42301.996	27.328	28.765	27.861
1.020				
1/23/2016 12:45:00 AM	392400.000	65.993	17.066	148.655
35892.219	42302.617	27.328	28.766	27.861
1.020				
1/23/2016 1:00:00 AM	393300.000	66.002	17.067	148.676
35853.383	42256.348	27.295	28.734	27.891
1.020				
1/23/2016 1:15:00 AM	394200.000	66.010	17.065	148.694
35876.895	42285.402	27.316	28.754	27.873
1.020				
1/23/2016 1:30:00 AM	395100.000	66.016	17.066	148.708

35882.195 42291.141 27.320 28.758 27.869
1.020
1/23/2016 1:45:00 AM 396000.000 66.022 17.066 148.722
35853.703 42257.719 27.296 28.735 27.891
1.020
1/23/2016 2:00:00 AM 396900.000 66.031 17.066 148.741
35854.660 42258.520 27.297 28.736 27.890
1.020
1/23/2016 2:15:00 AM 397800.000 66.029 17.066 148.738
35853.656 42257.418 27.296 28.735 27.891
1.020
1/23/2016 2:30:00 AM 398700.000 66.036 17.066 148.753
35901.020 42313.328 27.336 28.773 27.854
1.020
1/23/2016 2:45:00 AM 399600.000 66.041 17.066 148.765
35858.207 42262.781 27.300 28.739 27.888
1.020
1/23/2016 3:00:00 AM 400500.000 66.041 17.066 148.764
35868.629 42274.648 27.308 28.747 27.880
1.020
1/23/2016 3:15:00 AM 401400.000 66.044 17.066 148.770
35903.238 42315.773 27.338 28.775 27.853
1.020
1/23/2016 3:30:00 AM 402300.000 66.049 17.066 148.783
35849.133 42251.574 27.292 28.731 27.895
1.020
1/23/2016 3:45:00 AM 403200.000 66.056 17.067 148.797
35853.844 42256.715 27.295 28.735 27.891
1.020
1/23/2016 4:00:00 AM 404100.000 66.054 17.067 148.793
35911.039 42323.621 27.343 28.780 27.847
1.020
1/23/2016 4:15:00 AM 405000.000 66.060 17.067 148.806
35801.574 42195.199 27.251 28.693 27.932
1.020
1/23/2016 4:30:00 AM 405900.000 66.062 17.067 148.812
35885.023 42293.383 27.322 28.760 27.867
1.020
1/23/2016 4:45:00 AM 406800.000 66.067 17.067 148.823
35894.699 42304.461 27.329 28.767 27.859
1.020
1/23/2016 5:00:00 AM 407700.000 66.067 17.067 148.823
35891.477 42300.660 27.327 28.764 27.862
1.020
1/23/2016 5:15:00 AM 408600.000 66.071 17.068 148.832
35859.355 42262.297 27.299 28.738 27.887
1.020
1/23/2016 5:30:00 AM 409500.000 66.084 17.068 148.861
35924.551 42339.379 27.355 28.791 27.836
1.020
1/23/2016 5:45:00 AM 410400.000 66.088 17.068 148.870
35861.234 42264.008 27.301 28.740 27.885
1.020
1/23/2016 6:00:00 AM 411300.000 66.092 17.069 148.879
35859.480 42261.363 27.299 28.738 27.887
1.020
1/23/2016 6:15:00 AM 412200.000 66.096 17.068 148.887
35934.305 42350.125 27.362 28.798 27.829

1.020
1/23/2016 6:30:00 AM 413100.000 66.104 17.069 148.905
35855.867 42257.520 27.296 28.735 27.889
1.020
1/23/2016 6:45:00 AM 414000.000 66.110 17.069 148.920
35876.559 42280.984 27.313 28.751 27.873
1.020
1/23/2016 7:00:00 AM 414900.000 66.119 17.070 148.939
35951.809 42369.414 27.376 28.811 27.815
1.020
1/23/2016 7:15:00 AM 415800.000 66.124 17.071 148.950
35906.465 42315.219 27.337 28.774 27.850
1.020
1/23/2016 7:30:00 AM 416700.000 66.134 17.071 148.972
35962.355 42380.500 27.384 28.819 27.807
1.020
1/23/2016 7:45:00 AM 417600.000 66.139 17.070 148.985
35916.484 42327.191 27.346 28.782 27.842
1.020
1/23/2016 8:00:00 AM 418500.000 66.144 17.072 148.995
35927.082 42338.508 27.354 28.790 27.834
1.020
1/23/2016 8:15:00 AM 419400.000 66.156 17.072 149.022
35932.309 42344.422 27.358 28.794 27.830
1.020
1/23/2016 8:30:00 AM 420300.000 66.166 17.073 149.045
35927.770 42338.324 27.354 28.790 27.834
1.020
1/23/2016 8:45:00 AM 421200.000 66.173 17.073 149.060
35912.250 42319.359 27.340 28.777 27.846
1.020
1/23/2016 9:00:00 AM 422100.000 66.173 17.073 149.062
35940.543 42352.629 27.364 28.800 27.824
1.020
1/23/2016 9:15:00 AM 423000.000 66.182 17.074 149.081
35941.801 42353.266 27.365 28.800 27.823
1.020
1/23/2016 9:30:00 AM 423900.000 66.184 17.075 149.085
35929.035 42337.801 27.354 28.790 27.833
1.020
1/23/2016 9:45:00 AM 424800.000 66.194 17.075 149.108
35966.719 42381.699 27.385 28.820 27.803
1.020
1/23/2016 10:00:00 AM 425700.000 66.199 17.076 149.120
35886.797 42286.941 27.317 28.755 27.865
1.020
1/23/2016 10:15:00 AM 426600.000 66.204 17.076 149.131
35920.020 42326.008 27.345 28.782 27.840
1.020
1/23/2016 10:30:00 AM 427500.000 66.204 17.077 149.131
35907.336 42310.227 27.334 28.771 27.849
1.020
1/23/2016 10:45:00 AM 428400.000 66.222 17.077 149.171
35964.773 42377.484 27.382 28.817 27.805
1.020
1/23/2016 11:00:00 AM 429300.000 66.212 17.078 149.149
35894.742 42294.547 27.323 28.760 27.859
1.020

1/23/2016 11:15:00 AM	430200.000	66.202	17.077	149.127
35999.309	42418.344	27.412	28.844	27.778
1.020				
1/23/2016 11:30:00 AM	431100.000	66.209	17.078	149.143
35965.996	42378.246	27.383	28.817	27.804
1.020				
1/23/2016 11:45:00 AM	432000.000	66.204	17.077	149.132
35977.758	42392.617	27.393	28.827	27.795
1.020				
1/23/2016 12:00:00 PM	432900.000	66.201	17.078	149.124
35947.367	42356.555	27.367	28.802	27.818
1.020				
1/23/2016 12:15:00 PM	433800.000	66.199	17.078	149.120
35986.223	42402.336	27.400	28.834	27.788
1.020				
1/23/2016 12:30:00 PM	434700.000	66.198	17.078	149.118
35912.305	42315.078	27.338	28.774	27.846
1.020				
1/23/2016 12:45:00 PM	435600.000	66.191	17.077	149.101
35936.973	42344.727	27.359	28.794	27.826
1.020				
1/23/2016 1:00:00 PM	436500.000	66.194	17.077	149.109
35933.297	42340.648	27.356	28.792	27.829
1.020				
1/23/2016 1:15:00 PM	437400.000	66.187	17.077	149.093
35984.648	42401.484	27.399	28.833	27.790
1.020				
1/23/2016 1:30:00 PM	438300.000	66.183	17.077	149.083
35988.129	42405.430	27.402	28.836	27.787
1.020				
1/23/2016 1:45:00 PM	439200.000	66.178	17.076	149.072
35977.230	42393.008	27.393	28.827	27.795
1.020				
1/23/2016 2:00:00 PM	440100.000	66.176	17.076	149.068
35978.895	42395.383	27.395	28.829	27.794
1.020				
1/23/2016 2:15:00 PM	441000.000	66.169	17.075	149.051
35924.406	42332.008	27.350	28.786	27.836
1.020				
1/23/2016 2:30:00 PM	441900.000	66.161	17.074	149.035
35928.441	42337.613	27.354	28.790	27.833
1.020				
1/23/2016 2:45:00 PM	442800.000	66.154	17.075	149.018
35950.410	42363.156	27.372	28.807	27.816
1.020				
1/23/2016 3:00:00 PM	443700.000	66.151	17.074	149.011
35969.344	42386.145	27.388	28.823	27.801
1.020				
1/23/2016 3:15:00 PM	444600.000	66.159	17.073	149.030
35930.508	42341.043	27.356	28.792	27.832
1.020				
1/23/2016 3:30:00 PM	445500.000	66.138	17.073	148.983
35944.582	42357.461	27.368	28.803	27.821
1.020				
1/23/2016 3:45:00 PM	446400.000	66.130	17.073	148.965
35924.137	42334.043	27.351	28.787	27.836
1.020				
1/23/2016 4:00:00 PM	447300.000	66.129	17.072	148.962

35963.992 42381.504 27.385 28.819 27.806
1.020
1/23/2016 4:15:00 PM 448200.000 66.128 17.073 148.959
35962.422 42379.160 27.383 28.818 27.807
1.020
1/23/2016 4:30:00 PM 449100.000 66.128 17.072 148.959
35959.297 42376.145 27.381 28.816 27.809
1.020
1/23/2016 4:45:00 PM 450000.000 66.123 17.072 148.949
35963.668 42381.297 27.385 28.819 27.806
1.020
1/23/2016 5:00:00 PM 450900.000 66.124 17.072 148.950
35923.742 42334.246 27.351 28.787 27.837
1.020
1/23/2016 5:15:00 PM 451800.000 66.125 17.072 148.954
35960.844 42377.469 27.382 28.817 27.808
1.020
1/23/2016 5:30:00 PM 452700.000 66.123 17.071 148.949
35973.496 42393.461 27.393 28.828 27.798
1.020
1/23/2016 5:45:00 PM 453600.000 66.121 17.072 148.943
35965.352 42383.449 27.386 28.821 27.805
1.020
1/23/2016 6:00:00 PM 454500.000 66.138 17.071 148.983
35916.734 42327.160 27.346 28.782 27.842
1.020
1/23/2016 6:15:00 PM 455400.000 66.125 17.072 148.953
35965.574 42383.871 27.387 28.821 27.804
1.020
1/23/2016 6:30:00 PM 456300.000 66.128 17.071 148.960
35958.223 42375.461 27.381 28.815 27.810
1.020
1/23/2016 6:45:00 PM 457200.000 66.127 17.071 148.957
35896.785 42303.063 27.329 28.766 27.858
1.020
1/23/2016 7:00:00 PM 458100.000 66.131 17.072 148.966
35931.441 42343.734 27.358 28.794 27.831
1.020
1/23/2016 7:15:00 PM 459000.000 66.143 17.072 148.994
35908.813 42316.223 27.338 28.775 27.848
1.020
1/23/2016 7:30:00 PM 459900.000 66.138 17.072 148.981
35917.215 42326.723 27.346 28.782 27.842
1.020
1/23/2016 7:45:00 PM 460800.000 66.149 17.072 149.006
35969.270 42387.977 27.390 28.824 27.802
1.020
1/23/2016 8:00:00 PM 461700.000 66.153 17.071 149.015
35944.977 42359.949 27.369 28.805 27.820
1.020
1/23/2016 8:15:00 PM 462600.000 66.167 17.072 149.047
35967.621 42386.035 27.388 28.823 27.803
1.020
1/23/2016 8:30:00 PM 463500.000 66.169 17.072 149.053
35960.711 42377.813 27.382 28.817 27.808
1.020
1/23/2016 8:45:00 PM 464400.000 66.172 17.072 149.059
35956.984 42373.500 27.379 28.814 27.811

1.020
1/23/2016 9:00:00 PM 465300.000 66.175 17.072 149.065
35936.648 42348.957 27.362 28.797 27.827
1.020
1/23/2016 9:15:00 PM 466200.000 66.186 17.072 149.091
35931.684 42343.344 27.358 28.793 27.831
1.020
1/23/2016 9:30:00 PM 467100.000 66.190 17.073 149.100
35949.082 42363.441 27.372 28.807 27.817
1.020
1/23/2016 9:45:00 PM 468000.000 66.194 17.072 149.109
35945.535 42359.840 27.369 28.805 27.820
1.020
1/23/2016 10:00:00 PM 468900.000 66.206 17.073 149.136
35914.258 42321.980 27.342 28.779 27.844
1.020
1/23/2016 10:15:00 PM 469800.000 66.209 17.073 149.143
35910.832 42317.688 27.339 28.776 27.847
1.020
1/23/2016 10:30:00 PM 470700.000 66.216 17.072 149.158
35960.023 42376.668 27.381 28.816 27.809
1.020
1/23/2016 10:45:00 PM 471600.000 66.218 17.072 149.163
35913.711 42321.926 27.342 28.779 27.845
1.020
1/23/2016 11:00:00 PM 472500.000 66.225 17.074 149.178
35990.715 42411.410 27.406 28.840 27.785
1.020
1/23/2016 11:15:00 PM 473400.000 66.229 17.073 149.188
35936.922 42348.434 27.361 28.797 27.827
1.020
1/23/2016 11:30:00 PM 474300.000 66.236 17.073 149.203
35958.539 42374.004 27.380 28.814 27.810
1.020
1/23/2016 11:45:00 PM 475200.000 66.240 17.074 149.213
35967.270 42384.027 27.387 28.821 27.803
1.020
1/24/2016 12:00:00 AM 476100.000 66.238 17.074 149.207
35958.531 42373.652 27.379 28.814 27.810
1.020
1/24/2016 12:15:00 AM 477000.000 66.242 17.073 149.217
35931.883 42342.422 27.357 28.793 27.830
1.020
1/24/2016 12:30:00 AM 477900.000 66.242 17.075 149.217
35908.336 42313.488 27.336 28.773 27.849
1.020
1/24/2016 12:45:00 AM 478800.000 66.245 17.073 149.223
35935.496 42346.754 27.360 28.796 27.828
1.020
1/24/2016 1:00:00 AM 479700.000 66.247 17.074 149.228
35956.594 42371.367 27.378 28.813 27.811
1.020
1/24/2016 1:15:00 AM 480600.000 66.244 17.074 149.222
35922.328 42331.070 27.349 28.785 27.838
1.020
1/24/2016 1:30:00 AM 481500.000 66.246 17.073 149.226
35919.293 42327.996 27.347 28.783 27.840
1.020

1/24/2016 1:45:00 AM	482400.000	66.240	17.073	149.213
35925.078	42335.152	27.352	28.788	27.836
1.020				
1/24/2016 2:00:00 AM	483300.000	66.247	17.074	149.228
35934.746	42345.703	27.359	28.795	27.828
1.020				
1/24/2016 2:15:00 AM	484200.000	66.243	17.073	149.219
35950.215	42364.266	27.373	28.808	27.816
1.020				
1/24/2016 2:30:00 AM	485100.000	66.240	17.072	149.212
35937.523	42350.313	27.363	28.798	27.826
1.020				
1/24/2016 2:45:00 AM	486000.000	66.245	17.073	149.223
35915.730	42323.715	27.344	28.780	27.843
1.020				
1/24/2016 3:00:00 AM	486900.000	66.239	17.072	149.211
35911.305	42319.504	27.341	28.777	27.846
1.020				
1/24/2016 3:15:00 AM	487800.000	66.236	17.072	149.204
35946.230	42360.484	27.370	28.805	27.819
1.020				
1/24/2016 3:30:00 AM	488700.000	66.242	17.072	149.217
35905.652	42312.840	27.336	28.773	27.851
1.020				
1/24/2016 3:45:00 AM	489600.000	66.239	17.072	149.211
35904.918	42311.891	27.335	28.772	27.851
1.020				
1/24/2016 4:00:00 AM	490500.000	66.244	17.072	149.222
35913.383	42322.453	27.343	28.779	27.845
1.020				
1/24/2016 4:15:00 AM	491400.000	66.241	17.072	149.215
35905.055	42312.137	27.335	28.772	27.851
1.020				
1/24/2016 4:30:00 AM	492300.000	66.242	17.071	149.216
35934.566	42347.504	27.361	28.796	27.828
1.020				
1/24/2016 4:45:00 AM	493200.000	66.236	17.072	149.204
35917.945	42327.742	27.346	28.783	27.841
1.020				
1/24/2016 5:00:00 AM	494100.000	66.239	17.071	149.209
35897.523	42304.520	27.330	28.767	27.857
1.020				
1/24/2016 5:15:00 AM	495000.000	66.248	17.071	149.229
35953.875	42370.340	27.377	28.812	27.813
1.020				
1/24/2016 5:30:00 AM	495900.000	66.245	17.071	149.224
35946.723	42362.254	27.371	28.806	27.819
1.020				
1/24/2016 5:45:00 AM	496800.000	66.248	17.070	149.231
35921.105	42332.637	27.350	28.786	27.839
1.020				
1/24/2016 6:00:00 AM	497700.000	66.252	17.071	149.240
35875.684	42278.535	27.311	28.749	27.874
1.020				
1/24/2016 6:15:00 AM	498600.000	66.255	17.071	149.246
35938.398	42352.777	27.364	28.800	27.825
1.020				
1/24/2016 6:30:00 AM	499500.000	66.265	17.072	149.268

35887.238 42291.555 27.320 28.758 27.865
1.020
1/24/2016 6:45:00 AM 500400.000 66.263 17.071 149.265
35878.902 42282.242 27.314 28.752 27.872
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1/24/2016 7:00:00 AM 501300.000 66.267 17.071 149.272
35894.969 42301.430 27.328 28.765 27.859
1.020
1/24/2016 7:15:00 AM 502200.000 66.271 17.071 149.283
35925.281 42336.898 27.353 28.789 27.836
1.020
1/24/2016 7:30:00 AM 503100.000 66.280 17.071 149.302
35939.531 42353.945 27.365 28.801 27.825
1.020
1/24/2016 7:45:00 AM 504000.000 66.280 17.071 149.303
35941.828 42356.238 27.367 28.802 27.823
1.020
1/24/2016 8:00:00 AM 504900.000 66.287 17.072 149.319
35879.313 42281.969 27.314 28.752 27.871
1.020
1/24/2016 8:15:00 AM 505800.000 66.293 17.072 149.330
35918.699 42328.305 27.347 28.783 27.841
1.020
1/24/2016 8:30:00 AM 506700.000 66.301 17.072 149.350
35927.559 42339.160 27.355 28.791 27.834
1.020
1/24/2016 8:45:00 AM 507600.000 66.309 17.071 149.367
35927.621 42339.496 27.355 28.791 27.834
1.020
1/24/2016 9:00:00 AM 508500.000 66.312 17.072 149.375
35903.242 42310.168 27.334 28.771 27.853
1.020
1/24/2016 9:15:00 AM 509400.000 66.315 17.072 149.382
35874.344 42276.281 27.310 28.748 27.875
1.020
1/24/2016 9:30:00 AM 510300.000 66.320 17.072 149.391
35911.168 42319.000 27.340 28.777 27.846
1.020
1/24/2016 9:45:00 AM 511200.000 66.328 17.072 149.411
35929.047 42340.578 27.356 28.792 27.833
1.020
1/24/2016 10:00:00 AM 512100.000 66.324 17.073 149.400
35945.035 42358.672 27.369 28.804 27.820
1.020
1/24/2016 10:15:00 AM 513000.000 66.333 17.072 149.421
35909.016 42316.891 27.339 28.775 27.848
1.020
1/24/2016 10:30:00 AM 513900.000 66.340 17.073 149.437
35904.445 42310.746 27.334 28.771 27.852
1.020
1/24/2016 10:45:00 AM 514800.000 66.344 17.073 149.447
35936.965 42349.160 27.362 28.797 27.827
1.020
1/24/2016 11:00:00 AM 515700.000 66.341 17.073 149.441
35910.688 42318.195 27.340 28.776 27.847
1.020
1/24/2016 11:15:00 AM 516600.000 66.326 17.073 149.405
35961.988 42378.395 27.383 28.817 27.807

1.020
1/24/2016 11:30:00 AM 517500.000 66.302 17.072 149.352
35902.492 42309.531 27.333 28.770 27.853
1.020
1/24/2016 11:45:00 AM 518400.000 66.291 17.070 149.326
35897.793 42305.918 27.331 28.768 27.857
1.020
1/24/2016 12:00:00 PM 519300.000 66.266 17.069 149.271
35843.629 42242.754 27.285 28.725 27.899
1.020
1/24/2016 12:15:00 PM 520200.000 66.252 17.070 149.239
35904.656 42313.930 27.336 28.773 27.852
1.020
1/24/2016 12:30:00 PM 521100.000 66.233 17.070 149.197
35903.367 42312.242 27.335 28.772 27.853
1.020
1/24/2016 12:45:00 PM 522000.000 66.221 17.069 149.169
35889.191 42295.949 27.324 28.761 27.864
1.020
1/24/2016 1:00:00 PM 522900.000 66.212 17.068 149.149
35880.855 42287.133 27.317 28.755 27.870
1.020
1/24/2016 1:15:00 PM 523800.000 66.197 17.069 149.114
35872.461 42276.660 27.310 28.748 27.877
1.020
1/24/2016 1:30:00 PM 524700.000 66.190 17.068 149.100
35842.023 42241.457 27.284 28.724 27.900
1.020
1/24/2016 1:45:00 PM 525600.000 66.177 17.068 149.070
35854.922 42256.992 27.296 28.735 27.890
1.020
1/24/2016 2:00:00 PM 526500.000 66.169 17.067 149.051
35861.766 42265.645 27.302 28.741 27.885
1.020
1/24/2016 2:15:00 PM 527400.000 66.154 17.067 149.019
35867.016 42271.832 27.306 28.745 27.881
1.020
1/24/2016 2:30:00 PM 528300.000 66.145 17.067 148.999
35910.230 42323.172 27.343 28.780 27.847
1.020
1/24/2016 2:45:00 PM 529200.000 66.137 17.066 148.980
35860.551 42264.961 27.301 28.740 27.886
1.020
1/24/2016 3:00:00 PM 530100.000 66.120 17.066 148.941
35837.922 42238.957 27.283 28.722 27.903
1.020
1/24/2016 3:15:00 PM 531000.000 66.114 17.066 148.928
35881.195 42289.875 27.319 28.757 27.870
1.020
1/24/2016 3:30:00 PM 531900.000 66.099 17.066 148.895
35880.457 42289.004 27.318 28.757 27.870
1.020
1/24/2016 3:45:00 PM 532800.000 66.095 17.065 148.885
35867.680 42274.707 27.308 28.747 27.880
1.020
1/24/2016 4:00:00 PM 533700.000 66.083 17.065 148.859
35879.172 42288.086 27.318 28.756 27.871
1.020

1/24/2016 4:15:00 PM	534600.000	66.077	17.065	148.845
35865.539	42272.344	27.306	28.745	27.882
1.020				
1/24/2016 4:30:00 PM	535500.000	66.067	17.064	148.823
35862.301	42269.441	27.304	28.743	27.884
1.020				
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35867.809	42275.688	27.309	28.747	27.880
1.020				
1/24/2016 5:00:00 PM	537300.000	66.052	17.064	148.788
35853.184	42259.031	27.297	28.736	27.892
1.020				
1/24/2016 5:15:00 PM	538200.000	66.046	17.064	148.775
35855.039	42260.973	27.298	28.737	27.890
1.020				
1/24/2016 5:30:00 PM	539100.000	66.042	17.063	148.766
35807.488	42205.598	27.258	28.700	27.927
1.020				
1/24/2016 5:45:00 PM	540000.000	66.033	17.064	148.747
35878.898	42289.258	27.318	28.757	27.872
1.020				
1/24/2016 6:00:00 PM	540900.000	66.027	17.063	148.732
35822.594	42223.645	27.271	28.712	27.915
1.020				
1/24/2016 6:15:00 PM	541800.000	66.025	17.063	148.728
35868.617	42278.230	27.310	28.749	27.880
1.020				
1/24/2016 6:30:00 PM	542700.000	66.019	17.062	148.714
35824.020	42225.832	27.273	28.714	27.914
1.020				
1/24/2016 6:45:00 PM	543600.000	66.017	17.063	148.711
35825.238	42227.020	27.274	28.714	27.913
1.020				
1/24/2016 7:00:00 PM	544500.000	66.017	17.063	148.711
35831.668	42234.180	27.279	28.719	27.908
1.020				
1/24/2016 7:15:00 PM	545400.000	66.018	17.063	148.712
35825.516	42227.426	27.274	28.715	27.913
1.020				
1/24/2016 7:30:00 PM	546300.000	66.018	17.062	148.711
35865.258	42274.770	27.308	28.747	27.882
1.020				
1/24/2016 7:45:00 PM	547200.000	66.022	17.062	148.722
35865.656	42275.410	27.308	28.747	27.882
1.020				
1/24/2016 8:00:00 PM	548100.000	66.025	17.062	148.729
35796.527	42193.688	27.250	28.692	27.936
1.020				
1/24/2016 8:15:00 PM	549000.000	66.023	17.062	148.723
35794.188	42191.422	27.248	28.690	27.937
1.020				
1/24/2016 8:30:00 PM	549900.000	66.022	17.062	148.720
35809.773	42209.125	27.261	28.702	27.925
1.020				
1/24/2016 8:45:00 PM	550800.000	66.028	17.061	148.735
35855.789	42264.113	27.300	28.740	27.889
1.020				
1/24/2016 9:00:00 PM	551700.000	66.028	17.061	148.734

35840.398 42246.723 27.288 28.728 27.901
1.020
1/24/2016 9:15:00 PM 552600.000 66.032 17.061 148.744
35796.098 42194.418 27.250 28.692 27.936
1.020
1/24/2016 9:30:00 PM 553500.000 66.038 17.061 148.758
35817.469 42219.609 27.268 28.709 27.919
1.020
1/24/2016 9:45:00 PM 554400.000 66.039 17.061 148.759
35826.289 42229.586 27.276 28.716 27.912
1.020
1/24/2016 10:00:00 PM 555300.000 66.042 17.061 148.767
35771.348 42165.160 27.229 28.672 27.955
1.020
1/24/2016 10:15:00 PM 556200.000 66.049 17.061 148.782
35784.301 42180.680 27.241 28.683 27.945
1.020
1/24/2016 10:30:00 PM 557100.000 66.049 17.060 148.783
35824.273 42228.051 27.274 28.715 27.914
1.020
1/24/2016 10:45:00 PM 558000.000 66.055 17.061 148.794
35818.109 42220.277 27.269 28.710 27.919
1.020
1/24/2016 11:00:00 PM 558900.000 66.056 17.061 148.798
35787.152 42184.125 27.243 28.685 27.943
1.020
1/24/2016 11:15:00 PM 559800.000 66.055 17.060 148.796
35809.816 42211.176 27.262 28.704 27.925
1.020
1/24/2016 11:30:00 PM 560700.000 66.057 17.060 148.801
35829.781 42234.625 27.279 28.720 27.910
1.020
1/24/2016 11:45:00 PM 561600.000 66.057 17.060 148.801
35795.492 42194.379 27.250 28.692 27.936
1.020
1/25/2016 12:00:00 AM 562500.000 66.061 17.059 148.808
35815.746 42219.008 27.268 28.709 27.921
1.020
1/25/2016 12:15:00 AM 563400.000 66.058 17.059 148.801
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1.020
1/26/2016 3:00:00 PM 702900.000 65.873 17.056 148.386
35714.535 42102.695 27.184 28.630 28.000
1.020
1/26/2016 3:15:00 PM 703800.000 65.866 17.056 148.369
35770.848 42169.160 27.232 28.675 27.956
1.020
1/26/2016 3:30:00 PM 704700.000 65.860 17.056 148.355
35755.875 42151.262 27.219 28.663 27.967
1.020
1/26/2016 3:45:00 PM 705600.000 65.850 17.057 148.334
35777.777 42176.656 27.237 28.680 27.950
1.020
1/26/2016 4:00:00 PM 706500.000 65.845 17.056 148.321
35761.898 42158.363 27.224 28.668 27.963
1.020
1/26/2016 4:15:00 PM 707400.000 65.841 17.056 148.312
35742.602 42135.781 27.208 28.652 27.978
1.020
1/26/2016 4:30:00 PM 708300.000 65.832 17.056 148.293

35756.047 42151.387 27.219 28.663 27.967
1.020
1/26/2016 4:45:00 PM 709200.000 65.827 17.057 148.281
35760.297 42155.813 27.223 28.666 27.964
1.020
1/26/2016 5:00:00 PM 710100.000 65.822 17.057 148.271
35761.207 42157.121 27.223 28.667 27.963
1.020
1/26/2016 5:15:00 PM 711000.000 65.810 17.057 148.243
35767.414 42164.438 27.229 28.672 27.958
1.020
1/26/2016 5:30:00 PM 711900.000 65.806 17.056 148.234
35764.465 42161.223 27.226 28.670 27.961
1.020
1/26/2016 5:45:00 PM 712800.000 65.798 17.057 148.217
35750.844 42144.746 27.215 28.658 27.971
1.020
1/26/2016 6:00:00 PM 713700.000 65.790 17.057 148.199
35763.750 42160.301 27.226 28.669 27.961
1.020
1/26/2016 6:15:00 PM 714600.000 65.790 17.057 148.199
35730.559 42121.172 27.198 28.642 27.987
1.020
1/26/2016 6:30:00 PM 715500.000 65.787 17.056 148.191
35748.434 42142.578 27.213 28.657 27.973
1.020
1/26/2016 6:45:00 PM 716400.000 65.779 17.057 148.175
35739.625 42131.773 27.205 28.650 27.980
1.020
1/26/2016 7:00:00 PM 717300.000 65.780 17.056 148.177
35768.719 42166.328 27.230 28.673 27.957
1.020
1/26/2016 7:15:00 PM 718200.000 65.778 17.056 148.172
35763.738 42160.621 27.226 28.669 27.961
1.020
1/26/2016 7:30:00 PM 719100.000 65.774 17.057 148.162
35742.039 42134.621 27.207 28.652 27.978
1.020
1/26/2016 7:45:00 PM 720000.000 65.769 17.057 148.151
35744.715 42137.609 27.209 28.654 27.976
1.020
1/26/2016 8:00:00 PM 720900.000 65.772 17.056 148.158
35756.898 42152.883 27.220 28.664 27.967
1.020
1/26/2016 8:15:00 PM 721800.000 65.770 17.057 148.153
35757.066 42152.242 27.220 28.664 27.966
1.020
1/26/2016 8:30:00 PM 722700.000 65.768 17.056 148.148
35781.359 42181.141 27.241 28.683 27.948
1.020
1/26/2016 8:45:00 PM 723600.000 65.775 17.057 148.165
35741.078 42133.234 27.206 28.651 27.979
1.020
1/26/2016 9:00:00 PM 724500.000 65.774 17.056 148.162
35751.859 42146.453 27.216 28.660 27.971
1.020
1/26/2016 9:15:00 PM 725400.000 65.778 17.057 148.172
35726.379 42115.906 27.194 28.639 27.991

1.020
1/26/2016 9:30:00 PM 726300.000 65.781 17.056 148.178
35754.199 42149.535 27.218 28.662 27.969
1.020
1/26/2016 9:45:00 PM 727200.000 65.782 17.056 148.179
35760.098 42156.164 27.223 28.666 27.964
1.020
1/26/2016 10:00:00 PM 728100.000 65.785 17.056 148.187
35749.680 42143.883 27.214 28.658 27.972
1.020
1/26/2016 10:15:00 PM 729000.000 65.791 17.057 148.200
35759.566 42155.367 27.222 28.666 27.965
1.020
1/26/2016 10:30:00 PM 729900.000 65.793 17.056 148.205
35726.469 42116.938 27.195 28.640 27.990
1.020
1/26/2016 10:45:00 PM 730800.000 65.797 17.056 148.215
35741.164 42134.008 27.207 28.651 27.979
1.020
1/26/2016 11:00:00 PM 731700.000 65.797 17.056 148.214
35751.836 42146.500 27.216 28.660 27.971
1.020
1/26/2016 11:15:00 PM 732600.000 65.808 17.056 148.239
35749.520 42143.938 27.214 28.658 27.972
1.020
1/26/2016 11:30:00 PM 733500.000 65.812 17.056 148.247
35761.098 42157.668 27.224 28.667 27.963
1.020
1/26/2016 11:45:00 PM 734400.000 65.817 17.056 148.260
35733.547 42125.188 27.201 28.645 27.985
1.020
1/27/2016 12:00:00 AM 735300.000 65.817 17.056 148.260
35737.672 42129.969 27.204 28.648 27.982
1.020
1/27/2016 12:15:00 AM 736200.000 65.825 17.056 148.278
35765.734 42163.133 27.228 28.671 27.960
1.020
1/27/2016 12:30:00 AM 737100.000 65.824 17.056 148.275
35751.965 42146.820 27.216 28.660 27.970
1.020
1/27/2016 12:45:00 AM 738000.000 65.827 17.056 148.282
35740.648 42133.313 27.206 28.651 27.979
1.020
1/27/2016 1:00:00 AM 738900.000 65.828 17.055 148.284
35730.277 42122.172 27.198 28.643 27.987
1.020
1/27/2016 1:15:00 AM 739800.000 65.833 17.056 148.296
35744.781 42138.434 27.210 28.654 27.976
1.020
1/27/2016 1:30:00 AM 740700.000 65.846 17.056 148.325
35779.078 42178.863 27.239 28.682 27.949
1.020
1/27/2016 1:45:00 AM 741600.000 65.833 17.056 148.295
35731.277 42122.605 27.199 28.643 27.987
1.020
1/27/2016 2:00:00 AM 742500.000 65.832 17.057 148.294
35767.656 42164.563 27.229 28.672 27.958
1.020

1/27/2016 2:15:00 AM	743400.000	65.836	17.056	148.302
35779.902	42179.586	27.240	28.682	27.949
1.020				
1/27/2016 2:30:00 AM	744300.000	65.832	17.057	148.293
35750.504	42144.266	27.214	28.658	27.972
1.020				
1/27/2016 2:45:00 AM	745200.000	65.838	17.056	148.307
35767.957	42165.594	27.229	28.673	27.958
1.020				
1/27/2016 3:00:00 AM	746100.000	65.833	17.056	148.296
35751.512	42146.461	27.216	28.660	27.971
1.020				
1/27/2016 3:15:00 AM	747000.000	65.828	17.057	148.283
35757.012	42151.938	27.220	28.663	27.967
1.020				
1/27/2016 3:30:00 AM	747900.000	65.829	17.056	148.286
35757.273	42152.836	27.220	28.664	27.966
1.020				
1/27/2016 3:45:00 AM	748800.000	65.830	17.057	148.287
35722.664	42111.527	27.191	28.636	27.993
1.020				
1/27/2016 4:00:00 AM	749700.000	65.824	17.057	148.275
35779.422	42178.773	27.239	28.682	27.949
1.020				
1/27/2016 4:15:00 AM	750600.000	65.822	17.057	148.271
35765.488	42161.930	27.227	28.670	27.960
1.020				
1/27/2016 4:30:00 AM	751500.000	65.821	17.057	148.267
35762.035	42158.098	27.224	28.668	27.963
1.020				
1/27/2016 4:45:00 AM	752400.000	65.822	17.057	148.271
35781.922	42181.469	27.241	28.683	27.947
1.020				
1/27/2016 5:00:00 AM	753300.000	65.805	17.057	148.233
35753.387	42147.578	27.217	28.660	27.969
1.020				
1/27/2016 5:15:00 AM	754200.000	65.816	17.057	148.257
35787.063	42187.188	27.245	28.687	27.943
1.020				
1/27/2016 5:30:00 AM	755100.000	65.810	17.057	148.244
35757.762	42152.648	27.220	28.664	27.966
1.020				
1/27/2016 5:45:00 AM	756000.000	65.806	17.057	148.234
35771.449	42169.125	27.232	28.675	27.955
1.020				
1/27/2016 6:00:00 AM	756900.000	65.804	17.057	148.230
35743.063	42135.660	27.208	28.652	27.977
1.020				
1/27/2016 6:15:00 AM	757800.000	65.809	17.057	148.241
35759.980	42155.605	27.222	28.666	27.964
1.020				
1/27/2016 6:30:00 AM	758700.000	65.802	17.057	148.226
35795.660	42197.410	27.252	28.694	27.936
1.020				
1/27/2016 6:45:00 AM	759600.000	65.804	17.057	148.229
35759.645	42154.789	27.222	28.665	27.964
1.020				
1/27/2016 7:00:00 AM	760500.000	65.797	17.057	148.214

35748.680 42141.695 27.212 28.656 27.973
1.020
1/27/2016 7:15:00 AM 761400.000 65.802 17.057 148.225
35774.363 42172.141 27.234 28.677 27.953
1.020
1/27/2016 7:30:00 AM 762300.000 65.800 17.057 148.220
35755.203 42149.719 27.218 28.662 27.968
1.020
1/27/2016 7:45:00 AM 763200.000 65.800 17.057 148.220
35743.316 42136.031 27.208 28.653 27.977
1.020
1/27/2016 8:00:00 AM 764100.000 65.802 17.057 148.225
35766.230 42162.805 27.228 28.671 27.959
1.020
1/27/2016 8:15:00 AM 765000.000 65.802 17.057 148.224
35757.777 42152.668 27.220 28.664 27.966
1.020
1/27/2016 8:30:00 AM 765900.000 65.803 17.057 148.227
35780.398 42179.332 27.239 28.682 27.948
1.020
1/27/2016 8:45:00 AM 766800.000 65.808 17.057 148.239
35790.844 42191.566 27.248 28.690 27.940
1.020
1/27/2016 9:00:00 AM 767700.000 65.822 17.057 148.271
35771.211 42168.504 27.232 28.675 27.955
1.020
1/27/2016 9:15:00 AM 768600.000 65.812 17.057 148.248
35793.051 42194.336 27.250 28.692 27.938
1.020
1/27/2016 9:30:00 AM 769500.000 65.817 17.057 148.260
35762.539 42158.035 27.224 28.667 27.962
1.020
1/27/2016 9:45:00 AM 770400.000 65.816 17.058 148.257
35755.328 42149.277 27.218 28.662 27.968
1.020
1/27/2016 10:00:00 AM 771300.000 65.806 17.058 148.235
35789.371 42189.242 27.247 28.689 27.941
1.020
1/27/2016 10:15:00 AM 772200.000 65.821 17.057 148.268
35773.805 42171.316 27.234 28.676 27.953
1.020
1/27/2016 10:30:00 AM 773100.000 65.825 17.057 148.276
35741.895 42133.863 27.207 28.651 27.978
1.020
1/27/2016 10:45:00 AM 774000.000 65.826 17.057 148.279
35762.414 42157.887 27.224 28.667 27.962
1.020
1/27/2016 11:00:00 AM 774900.000 65.826 17.058 148.279
35758.918 42153.598 27.221 28.664 27.965
1.020
1/27/2016 11:15:00 AM 775800.000 65.829 17.058 148.286
35744.770 42136.746 27.209 28.653 27.976
1.020
1/27/2016 11:30:00 AM 776700.000 65.833 17.057 148.295
35787.777 42187.863 27.245 28.688 27.943
1.020
1/27/2016 11:45:00 AM 777600.000 65.837 17.058 148.303
35763.145 42158.660 27.225 28.668 27.962

1.020
1/27/2016 12:00:00 PM 778500.000 65.845 17.058 148.323
35759.539 42154.328 27.221 28.665 27.965
1.020
1/27/2016 12:15:00 PM 779400.000 65.838 17.058 148.307
35747.355 42140.047 27.211 28.655 27.974
1.020
1/27/2016 12:30:00 PM 780300.000 65.839 17.058 148.308
35793.797 42194.715 27.250 28.692 27.938
1.020
1/27/2016 12:45:00 PM 781200.000 65.844 17.058 148.320
35784.613 42183.637 27.242 28.685 27.945
1.020
1/27/2016 1:00:00 PM 782100.000 65.844 17.058 148.319
35763.965 42159.215 27.225 28.668 27.961
1.020
1/27/2016 1:15:00 PM 783000.000 65.840 17.058 148.311
35756.035 42149.781 27.218 28.662 27.967
1.020
1/27/2016 1:30:00 PM 783900.000 65.841 17.058 148.312
35767.395 42163.336 27.228 28.671 27.958
1.020
1/27/2016 1:45:00 PM 784800.000 65.837 17.058 148.304
35804.484 42206.645 27.259 28.701 27.929
1.020
1/27/2016 2:00:00 PM 785700.000 65.851 17.058 148.335
35791.148 42191.094 27.248 28.690 27.940
1.020
1/27/2016 2:15:00 PM 786600.000 65.833 17.059 148.295
35766.250 42161.320 27.227 28.670 27.959
1.020
1/27/2016 2:30:00 PM 787500.000 65.831 17.058 148.290
35778.438 42176.109 27.237 28.680 27.950
1.020
1/27/2016 2:45:00 PM 788400.000 65.830 17.058 148.287
35761.727 42156.074 27.223 28.666 27.963
1.020
1/27/2016 3:00:00 PM 789300.000 65.827 17.058 148.282
35773.238 42169.813 27.233 28.675 27.954
1.020
1/27/2016 3:15:00 PM 790200.000 65.821 17.058 148.269
35798.773 42199.988 27.254 28.696 27.934
1.020
1/27/2016 3:30:00 PM 791100.000 65.817 17.058 148.258
35791.125 42190.730 27.248 28.690 27.940
1.020
1/27/2016 3:45:00 PM 792000.000 65.809 17.059 148.241
35784.770 42182.988 27.242 28.684 27.945
1.020
1/27/2016 4:00:00 PM 792900.000 65.807 17.059 148.238
35803.445 42204.840 27.258 28.699 27.930
1.020
1/27/2016 4:15:00 PM 793800.000 65.800 17.059 148.220
35771.781 42167.762 27.231 28.674 27.955
1.020
1/27/2016 4:30:00 PM 794700.000 65.792 17.058 148.202
35796.512 42197.082 27.252 28.694 27.936
1.020

1/27/2016 4:45:00 PM	795600.000	65.790	17.059	148.198
35806.426	42208.188	27.260	28.702	27.928
1.020				
1/27/2016 5:00:00 PM	796500.000	65.785	17.058	148.187
35779.395	42176.984	27.238	28.680	27.949
1.020				
1/27/2016 5:15:00 PM	797400.000	65.776	17.059	148.168
35805.156	42207.184	27.259	28.701	27.929
1.020				
1/27/2016 5:30:00 PM	798300.000	65.774	17.059	148.163
35784.586	42182.855	27.242	28.684	27.945
1.020				
1/27/2016 5:45:00 PM	799200.000	65.771	17.058	148.156
35771.859	42168.262	27.231	28.674	27.955
1.020				
1/27/2016 6:00:00 PM	800100.000	65.767	17.059	148.147
35799.359	42200.352	27.254	28.696	27.933
1.020				
1/27/2016 6:15:00 PM	801000.000	65.766	17.058	148.144
35778.816	42176.301	27.237	28.680	27.949
1.020				
1/27/2016 6:30:00 PM	801900.000	65.758	17.058	148.126
35792.578	42192.609	27.249	28.691	27.939
1.020				
1/27/2016 6:45:00 PM	802800.000	65.759	17.058	148.129
35791.336	42191.219	27.248	28.690	27.940
1.020				
1/27/2016 7:00:00 PM	803700.000	65.747	17.058	148.101
35775.977	42173.207	27.235	28.678	27.952
1.020				
1/27/2016 7:15:00 PM	804600.000	65.745	17.059	148.097
35791.754	42191.141	27.248	28.690	27.939
1.020				
1/27/2016 7:30:00 PM	805500.000	65.741	17.059	148.087
35785.301	42183.777	27.243	28.685	27.944
1.020				
1/27/2016 7:45:00 PM	806400.000	65.760	17.059	148.130
35784.941	42183.355	27.242	28.685	27.945
1.020				
1/27/2016 8:00:00 PM	807300.000	65.740	17.059	148.085
35767.766	42162.863	27.228	28.671	27.958
1.020				
1/27/2016 8:15:00 PM	808200.000	65.743	17.059	148.092
35764.535	42159.133	27.225	28.668	27.961
1.020				
1/27/2016 8:30:00 PM	809100.000	65.740	17.059	148.085
35773.629	42169.695	27.233	28.675	27.954
1.020				
1/27/2016 8:45:00 PM	810000.000	65.740	17.059	148.085
35788.965	42187.605	27.245	28.688	27.942
1.020				
1/27/2016 9:00:00 PM	810900.000	65.737	17.058	148.079
35783.820	42182.285	27.242	28.684	27.946
1.020				
1/27/2016 9:15:00 PM	811800.000	65.736	17.059	148.078
35777.059	42173.984	27.236	28.678	27.951
1.020				
1/27/2016 9:30:00 PM	812700.000	65.739	17.058	148.084

35758.555 42152.504 27.220 28.664 27.965
1.020
1/27/2016 9:45:00 PM 813600.000 65.749 17.059 148.105
35774.363 42170.641 27.233 28.676 27.953
1.020
1/27/2016 10:00:00 PM 814500.000 65.747 17.059 148.100
35782.480 42180.289 27.240 28.683 27.947
1.020
1/27/2016 10:15:00 PM 815400.000 65.746 17.058 148.100
35761.695 42156.277 27.223 28.666 27.963
1.020
1/27/2016 10:30:00 PM 816300.000 65.751 17.058 148.110
35768.863 42164.566 27.229 28.672 27.957
1.020
1/27/2016 10:45:00 PM 817200.000 65.756 17.058 148.121
35759.773 42153.852 27.221 28.665 27.964
1.020
1/27/2016 11:00:00 PM 818100.000 65.760 17.058 148.131
35764.148 42159.430 27.225 28.668 27.961
1.020
1/27/2016 11:15:00 PM 819000.000 65.761 17.058 148.132
35778.523 42176.289 27.237 28.680 27.950
1.020
1/27/2016 11:30:00 PM 819900.000 65.763 17.058 148.137
35785.137 42183.750 27.243 28.685 27.945
1.020
1/27/2016 11:45:00 PM 820800.000 65.768 17.058 148.150
35767.621 42163.266 27.228 28.671 27.958
1.020

Report Date: 2/1/2016 10:38:40 AM
Report User Name: KMakar
Report Computer Name: WKST46
Application: WinSitu.exe
Application Version: 5.6.25.0

Log File Properties:
File Name: MPWSP MW-3S Pre Test_2016-01-28_14-16-57-504.wsl
Create Date: 1/28/2016 2:16:55 PM

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

Log Data:
Record Count: 970
Sensors: 1
1 - 396211: PCTD 100 PSIG (70m/231ft)
Time Zone: Pacific Standard Time

Sensor: PCTD(G) 231ft Sensor: PCTD(G) 231ft Sensor: PCTD(G) 231ft
Sensor: PCTD(G) 231ft Sensor: PCTD(G) 231ft Sensor: PCTD(G) 231ft Sensor: PCTD(G) 231ft

Sensor: PCTD(G) 231ft Sensor: PCTD(G) 231ft

Elapsed Time	SN#: 396211	SN#: 396211	SN#: 396211	SN#: 396211	SN#: 396211	SN#: 396211	SN#: 396211	SN#: 396211	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)
1/21/2016 12:00:00 AM	216900.000	19.731	17.039	44.446	29979.205	35355.465	22.412	24.042	33.356	1.016
1/21/2016 12:15:00 AM	217800.000	19.731	17.044	44.446	29969.756	35339.922	22.401	24.031	33.367	1.016
1/21/2016 12:30:00 AM	218700.000	19.729	17.042	44.441	30003.533	35381.633	22.430	24.060	33.329	1.016
1/21/2016 12:45:00 AM	219600.000	19.726	17.041	44.435	29995.273	35372.105	22.423	24.053	33.339	1.016
1/21/2016 1:00:00 AM	220500.000	19.726	17.047	44.435	29998.967	35371.918	22.423	24.053	33.334	1.016
1/21/2016 1:15:00 AM	221400.000	19.726	17.047	44.435	29967.186	35334.441	22.397	24.027	33.370	1.016
1/21/2016 1:30:00 AM	222300.000	19.725	17.045	44.432	29992.527	35366.426	22.419	24.049	33.342	1.016
1/21/2016 1:45:00 AM	223200.000	19.724	17.048	44.429	29954.580	35319.301	22.387	24.017	33.384	1.016
1/21/2016 2:00:00 AM	224100.000	19.725	17.047	44.432	29976.803	35346.066	22.405	24.035	33.359	1.016
1/21/2016 2:15:00 AM	225000.000	19.723	17.048	44.429	29969.936	35337.266	22.399	24.029	33.367	1.016
1/21/2016 2:30:00 AM	225900.000	19.724	17.050	44.430	30021.762	35396.910	22.441	24.070	33.309	1.016
1/21/2016 2:45:00 AM	226800.000	19.726	17.052	44.435	29988.570	35355.609	22.412	24.042	33.346	1.016
1/21/2016 3:00:00 AM	227700.000	19.721	17.053	44.423	29978.100	35342.496	22.403	24.033	33.358	1.016
1/21/2016 3:15:00 AM	228600.000	19.723	17.050	44.429	29979.723	35346.789	22.406	24.036	33.356	1.016
1/21/2016 3:30:00 AM	229500.000	19.726	17.047	44.434	29992.355	35364.402	22.418	24.048	33.342	1.016

1/21/2016 3:45:00 AM	230400.000	19.724	17.044	44.430
30010.846	35388.789	22.435	24.064	33.321
1.016				
1/21/2016 4:00:00 AM	231300.000	19.723	17.046	44.427
29971.566	35340.938	22.402	24.032	33.365
1.016				
1/21/2016 4:15:00 AM	232200.000	19.719	17.042	44.419
29994.334	35370.504	22.422	24.052	33.340
1.016				
1/21/2016 4:30:00 AM	233100.000	19.723	17.041	44.428
30008.607	35388.242	22.435	24.064	33.324
1.016				
1/21/2016 4:45:00 AM	234000.000	19.723	17.041	44.427
29945.490	35313.613	22.382	24.013	33.394
1.016				
1/21/2016 5:00:00 AM	234900.000	19.720	17.038	44.420
29966.125	35340.461	22.401	24.032	33.371
1.016				
1/21/2016 5:15:00 AM	235800.000	19.717	17.041	44.414
29917.250	35280.727	22.359	23.991	33.426
1.016				
1/21/2016 5:30:00 AM	236700.000	19.721	17.035	44.424
29970.861	35348.414	22.406	24.037	33.366
1.016				
1/21/2016 5:45:00 AM	237600.000	19.721	17.036	44.423
29956.691	35331.148	22.394	24.025	33.382
1.016				
1/21/2016 6:00:00 AM	238500.000	19.721	17.026	44.424
29928.502	35305.367	22.376	24.008	33.413
1.016				
1/21/2016 6:15:00 AM	239400.000	19.720	17.020	44.421
29910.084	35288.668	22.364	23.996	33.434
1.016				
1/21/2016 6:30:00 AM	240300.000	19.712	17.021	44.404
29913.930	35292.434	22.367	23.999	33.429
1.016				
1/21/2016 6:45:00 AM	241200.000	19.711	17.025	44.400
29923.957	35301.406	22.373	24.005	33.418
1.016				
1/21/2016 7:00:00 AM	242100.000	19.718	17.026	44.417
29912.105	35286.652	22.363	23.995	33.431
1.016				
1/21/2016 7:15:00 AM	243000.000	19.717	17.026	44.414
29935.027	35313.762	22.382	24.013	33.406
1.016				
1/21/2016 7:30:00 AM	243900.000	19.711	17.031	44.400
29906.451	35275.590	22.355	23.987	33.438
1.016				
1/21/2016 7:45:00 AM	244800.000	19.713	17.032	44.407
29943.100	35317.766	22.385	24.016	33.397
1.016				
1/21/2016 8:00:00 AM	245700.000	19.715	17.031	44.409
29964.754	35344.570	22.404	24.034	33.373
1.016				
1/21/2016 8:15:00 AM	246600.000	19.710	17.034	44.398

29894.457 35259.004 22.344 23.976 33.451
1.016
1/21/2016 8:30:00 AM 247500.000 19.709 17.033 44.397
29934.014 35306.703 22.377 24.009 33.407
1.016
1/21/2016 8:45:00 AM 248400.000 19.713 17.034 44.405
29934.426 35306.352 22.377 24.008 33.406
1.016
1/21/2016 9:00:00 AM 249300.000 19.707 17.036 44.392
29923.014 35291.016 22.366 23.998 33.419
1.016
1/21/2016 9:15:00 AM 250200.000 19.714 17.036 44.408
29935.896 35306.551 22.377 24.008 33.405
1.016
1/21/2016 9:30:00 AM 251100.000 19.709 17.037 44.397
29910.691 35276.191 22.356 23.988 33.433
1.016
1/21/2016 9:45:00 AM 252000.000 19.705 17.041 44.388
29935.484 35302.367 22.375 24.006 33.405
1.016
1/21/2016 10:00:00 AM 252900.000 19.709 17.039 44.395
29947.051 35317.191 22.385 24.016 33.392
1.016
1/21/2016 10:15:00 AM 253800.000 19.708 17.041 44.394
29932.029 35297.738 22.371 24.002 33.409
1.016
1/21/2016 10:30:00 AM 254700.000 19.710 17.040 44.399
29937.029 35304.262 22.376 24.007 33.403
1.016
1/21/2016 10:45:00 AM 255600.000 19.706 17.040 44.390
29938.311 35306.473 22.377 24.008 33.402
1.016
1/21/2016 11:00:00 AM 256500.000 19.708 17.038 44.394
29932.395 35301.094 22.374 24.005 33.409
1.016
1/21/2016 11:15:00 AM 257400.000 19.709 17.042 44.395
29955.145 35324.504 22.390 24.021 33.383
1.016
1/21/2016 11:30:00 AM 258300.000 19.705 17.041 44.386
29919.123 35282.934 22.361 23.992 33.423
1.016
1/21/2016 11:45:00 AM 259200.000 19.707 17.041 44.393
29933.619 35300.094 22.373 24.004 33.407
1.016
1/21/2016 12:00:00 PM 260100.000 19.704 17.040 44.384
29961.834 35333.938 22.397 24.027 33.376
1.016
1/21/2016 12:15:00 PM 261000.000 19.703 17.041 44.383
29928.955 35294.250 22.369 24.000 33.412
1.016
1/21/2016 12:30:00 PM 261900.000 19.703 17.043 44.382
29971.555 35343.012 22.403 24.033 33.365
1.016
1/21/2016 12:45:00 PM 262800.000 19.705 17.041 44.387
29975.768 35349.242 22.407 24.037 33.360

1.016
1/21/2016 1:00:00 PM 263700.000 19.705 17.040 44.388
29964.682 35337.148 22.399 24.029 33.373
1.016
1/21/2016 1:15:00 PM 264600.000 19.705 17.039 44.387
29952.400 35323.156 22.389 24.020 33.386
1.016
1/21/2016 1:30:00 PM 265500.000 19.701 17.040 44.379
29975.770 35350.508 22.408 24.038 33.360
1.016
1/21/2016 1:45:00 PM 266400.000 19.700 17.037 44.377
29973.275 35349.445 22.407 24.038 33.363
1.016
1/21/2016 2:00:00 PM 267300.000 19.697 17.039 44.370
29962.969 35335.824 22.398 24.028 33.375
1.016
1/21/2016 2:15:00 PM 268200.000 19.703 17.039 44.382
29962.014 35334.906 22.397 24.028 33.376
1.016
1/21/2016 2:30:00 PM 269100.000 19.699 17.042 44.373
29946.406 35314.410 22.383 24.014 33.393
1.016
1/21/2016 2:45:00 PM 270000.000 19.701 17.044 44.379
29988.746 35362.313 22.417 24.046 33.346
1.016
1/21/2016 3:00:00 PM 270900.000 19.699 17.047 44.374
29955.396 35320.891 22.388 24.018 33.383
1.016
1/21/2016 3:15:00 PM 271800.000 19.699 17.048 44.374
29944.775 35307.457 22.378 24.009 33.395
1.016
1/21/2016 3:30:00 PM 272700.000 19.696 17.050 44.367
29962.361 35326.520 22.392 24.022 33.375
1.016
1/21/2016 3:45:00 PM 273600.000 19.692 17.052 44.358
29964.771 35328.109 22.393 24.023 33.373
1.016
1/21/2016 4:00:00 PM 274500.000 19.696 17.053 44.367
29967.514 35330.441 22.395 24.025 33.369
1.016
1/21/2016 4:15:00 PM 275400.000 19.694 17.046 44.363
29996.398 35369.453 22.422 24.051 33.337
1.016
1/21/2016 4:30:00 PM 276300.000 19.695 17.039 44.365
29997.863 35377.184 22.427 24.056 33.336
1.016
1/21/2016 4:45:00 PM 277200.000 19.693 17.037 44.359
29947.850 35320.016 22.387 24.018 33.391
1.016
1/21/2016 5:00:00 PM 278100.000 19.691 17.033 44.356
29937.369 35310.242 22.380 24.011 33.403
1.016
1/21/2016 5:15:00 PM 279000.000 19.694 17.033 44.363
29914.367 35283.809 22.361 23.993 33.429
1.016

1/21/2016 5:30:00 PM	279900.000	19.696	17.031	44.368
29906.801	35276.492	22.356	23.988	33.437
1.016				
1/21/2016 5:45:00 PM	280800.000	19.692	17.031	44.358
29884.482	35250.086	22.338	23.970	33.462
1.016				
1/21/2016 6:00:00 PM	281700.000	19.690	17.029	44.355
29916.676	35289.461	22.365	23.997	33.426
1.016				
1/21/2016 6:15:00 PM	282600.000	19.689	17.031	44.350
29869.096	35231.801	22.325	23.958	33.479
1.016				
1/21/2016 6:30:00 PM	283500.000	19.693	17.029	44.359
29884.664	35251.496	22.339	23.971	33.462
1.016				
1/21/2016 6:45:00 PM	284400.000	19.687	17.025	44.348
29868.451	35235.926	22.328	23.960	33.480
1.016				
1/21/2016 7:00:00 PM	285300.000	19.688	17.027	44.349
29851.533	35213.801	22.312	23.945	33.499
1.016				
1/21/2016 7:15:00 PM	286200.000	19.686	17.031	44.344
29868.805	35230.977	22.324	23.957	33.480
1.016				
1/21/2016 7:30:00 PM	287100.000	19.684	17.029	44.341
29888.672	35256.508	22.342	23.974	33.457
1.016				
1/21/2016 7:45:00 PM	288000.000	19.687	17.027	44.347
29837.283	35197.070	22.300	23.934	33.515
1.016				
1/21/2016 8:00:00 PM	288900.000	19.685	17.027	44.343
29867.949	35233.383	22.326	23.959	33.481
1.016				
1/21/2016 8:15:00 PM	289800.000	19.682	17.017	44.336
29845.666	35215.383	22.313	23.946	33.506
1.016				
1/21/2016 8:30:00 PM	290700.000	19.680	17.011	44.330
29823.078	35193.246	22.297	23.931	33.531
1.016				
1/21/2016 8:45:00 PM	291600.000	19.684	17.013	44.339
29811.049	35177.805	22.286	23.921	33.545
1.016				
1/21/2016 9:00:00 PM	292500.000	19.679	17.016	44.329
29864.174	35237.703	22.328	23.962	33.485
1.016				
1/21/2016 9:15:00 PM	293400.000	19.678	17.017	44.326
29825.824	35191.410	22.296	23.930	33.528
1.016				
1/21/2016 9:30:00 PM	294300.000	19.679	17.018	44.329
29842.305	35210.648	22.310	23.943	33.509
1.016				
1/21/2016 9:45:00 PM	295200.000	19.683	17.021	44.338
29818.574	35179.801	22.288	23.922	33.536
1.016				
1/21/2016 10:00:00 PM	296100.000	19.682	17.021	44.337

29805.932 35165.297 22.278 23.912 33.550
1.016
1/21/2016 10:15:00 PM 297000.000 19.675 17.025 44.321
29824.926 35184.645 22.292 23.926 33.529
1.016
1/21/2016 10:30:00 PM 297900.000 19.680 17.026 44.332
29836.502 35197.262 22.301 23.934 33.516
1.016
1/21/2016 10:45:00 PM 298800.000 19.680 17.026 44.332
29827.141 35185.793 22.293 23.926 33.527
1.016
1/21/2016 11:00:00 PM 299700.000 19.678 17.030 44.326
29829.406 35185.480 22.293 23.926 33.524
1.016
1/21/2016 11:15:00 PM 300600.000 19.677 17.029 44.324
29851.646 35212.832 22.312 23.945 33.499
1.016
1/21/2016 11:30:00 PM 301500.000 19.677 17.028 44.324
29840.379 35200.023 22.303 23.936 33.512
1.016
1/21/2016 11:45:00 PM 302400.000 19.677 17.030 44.325
29836.395 35193.512 22.298 23.932 33.516
1.016
1/22/2016 12:00:00 AM 303300.000 19.680 17.028 44.330
29823.781 35180.719 22.289 23.923 33.530
1.016
1/22/2016 12:15:00 AM 304200.000 19.675 17.029 44.321
29807.398 35160.637 22.275 23.909 33.549
1.016
1/22/2016 12:30:00 AM 305100.000 19.673 17.029 44.316
29826.443 35183.023 22.291 23.924 33.527
1.016
1/22/2016 12:45:00 AM 306000.000 19.674 17.030 44.318
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1/22/2016 8:45:00 PM 378000.000 19.695 17.044 44.365
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1.016				
1/22/2016 9:30:00 PM	380700.000	19.696	17.046	44.367
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1.016				
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1.016				
1/22/2016 10:45:00 PM	385200.000	19.701	17.047	44.379
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1/22/2016 11:30:00 PM	387900.000	19.703	17.045	44.384
30056.453	35441.379	22.472	24.100	33.271
1.016				
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30039.854	35423.070	22.459	24.088	33.289
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30072.213	35461.086	22.486	24.114	33.253
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30075.428	35463.059	22.487	24.115	33.250
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30065.234	35449.078	22.477	24.105	33.261
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30050.090	35433.527	22.466	24.095	33.278
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30040.449	35421.734	22.458	24.087	33.288
1.016				
1/23/2016 1:30:00 AM	395100.000	19.712	17.047	44.404

30059.973	35443.648	22.473	24.102	33.267	1.016	
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22.458	24.087	33.285	1.016			
1/23/2016 2:00:00 AM	396900.000	19.715	17.051	44.411	30055.777	35436.238
22.468	24.097	33.271	1.016			
1/23/2016 2:15:00 AM	397800.000	19.716	17.051	44.413	30059.922	35441.125
22.472	24.100	33.267	1.016			
1/23/2016 2:30:00 AM	398700.000	19.709	17.050	44.396	30051.719	35431.734
22.465	24.094	33.276	1.016			
1/23/2016 2:45:00 AM	399600.000	19.717	17.050	44.414	30052.063	35432.078
22.466	24.094	33.276	1.016			
1/23/2016 3:00:00 AM	400500.000	19.721	17.049	44.424	30060.420	35443.328
22.473	24.101	33.266	1.016			
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22.474	24.102	33.265	1.016			
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22.460	24.088	33.283	1.016			
1/23/2016 3:45:00 AM	403200.000	19.721	17.053	44.424	30050.359	35428.180
22.463	24.091	33.277	1.016			
1/23/2016 4:00:00 AM	404100.000	19.720	17.052	44.420	30060.053	35439.953
22.471	24.099	33.267	1.016			
1/23/2016 4:15:00 AM	405000.000	19.724	17.052	44.430	30091.617	35477.305
22.497	24.125	33.232	1.016			
1/23/2016 4:30:00 AM	405900.000	19.719	17.054	44.419	30079.490	35461.461
22.486	24.114	33.245	1.016			
1/23/2016 4:45:00 AM	406800.000	19.727	17.054	44.437	30082.432	35464.582
22.488	24.116	33.242	1.016			
1/23/2016 5:00:00 AM	407700.000	19.723	17.054	44.428	30047.209	35423.129
22.459	24.088	33.281	1.016			
1/23/2016 5:15:00 AM	408600.000	19.726	17.053	44.435	30062.537	35442.391
22.473	24.101	33.264	1.016			
1/23/2016 5:30:00 AM	409500.000	19.728	17.054	44.438	30075.117	35456.105
22.482	24.110	33.250	1.016			
1/23/2016 5:45:00 AM	410400.000	19.730	17.054	44.445	30070.186	35450.293
22.478	24.106	33.256	1.016			
1/23/2016 6:00:00 AM	411300.000	19.730	17.054	44.444	30074.855	35455.938
22.482	24.110	33.250				

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1/23/2016 6:15:00 AM 412200.000 19.732 17.054 44.448
30059.611 35438.027 22.470 24.098 33.267
1.016
1/23/2016 6:30:00 AM 413100.000 19.734 17.054 44.453
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1/23/2016 6:45:00 AM 414000.000 19.736 17.056 44.456
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30090.494 35472.828 22.494 24.122 33.233
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30100.684 35485.059 22.503 24.130 33.222
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30057.621 35432.047 22.466 24.094 33.269
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30074.834	35450.590	22.479	24.106	33.250
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1/23/2016 11:15:00 AM	430200.000	19.761	17.059	44.514
30050.605	35423.070	22.460	24.088	33.277
1.016				
1/23/2016 11:30:00 AM	431100.000	19.764	17.059	44.520
30059.535	35433.598	22.467	24.095	33.267
1.016				
1/23/2016 11:45:00 AM	432000.000	19.766	17.061	44.524
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1/23/2016 12:00:00 PM	432900.000	19.769	17.062	44.531
30061.281	35433.914	22.467	24.095	33.265
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1/23/2016 12:15:00 PM	433800.000	19.765	17.061	44.522
30049.254	35420.012	22.458	24.086	33.279
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1/23/2016 12:45:00 PM	435600.000	19.769	17.061	44.532
30043.375	35413.219	22.453	24.081	33.285
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1/23/2016 1:00:00 PM	436500.000	19.770	17.061	44.534
30030.160	35397.438	22.442	24.070	33.300
1.016				
1/23/2016 1:15:00 PM	437400.000	19.779	17.063	44.553
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1.016				
1/23/2016 1:30:00 PM	438300.000	19.775	17.061	44.546
30041.732	35411.219	22.451	24.080	33.287
1.016				
1/23/2016 1:45:00 PM	439200.000	19.781	17.061	44.559
30031.252	35399.070	22.443	24.071	33.299
1.016				
1/23/2016 2:00:00 PM	440100.000	19.780	17.061	44.557
30028.348	35395.160	22.440	24.069	33.302
1.016				
1/23/2016 2:15:00 PM	441000.000	19.786	17.062	44.570
30059.502	35431.816	22.466	24.094	33.267
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1/23/2016 2:30:00 PM	441900.000	19.780	17.061	44.557
30023.102	35389.184	22.436	24.065	33.308
1.016				
1/23/2016 2:45:00 PM	442800.000	19.785	17.062	44.569
30048.428	35418.344	22.456	24.084	33.280
1.016				
1/23/2016 3:00:00 PM	443700.000	19.785	17.062	44.568
30027.230	35393.777	22.439	24.068	33.303
1.016				
1/23/2016 3:15:00 PM	444600.000	19.787	17.062	44.572

30038.137 35406.352 22.448 24.076 33.291
1.016
1/23/2016 3:30:00 PM 445500.000 19.788 17.061 44.574
30019.334 35384.535 22.433 24.061 33.312
1.016
1/23/2016 3:45:00 PM 446400.000 19.791 17.061 44.581
30026.980 35393.551 22.439 24.068 33.303
1.016
1/23/2016 4:00:00 PM 447300.000 19.792 17.061 44.584
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1/23/2016 4:15:00 PM 448200.000 19.798 17.062 44.597
30018.479 35383.320 22.432 24.061 33.313
1.016
1/23/2016 4:30:00 PM 449100.000 19.795 17.062 44.591
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1/23/2016 4:45:00 PM 450000.000 19.799 17.061 44.600
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1/23/2016 5:00:00 PM 450900.000 19.799 17.060 44.599
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1/23/2016 5:15:00 PM 451800.000 19.802 17.061 44.606
30015.377 35380.504 22.430 24.059 33.316
1.016
1/23/2016 5:30:00 PM 452700.000 19.803 17.061 44.609
30025.275 35392.238 22.438 24.067 33.305
1.016
1/23/2016 5:45:00 PM 453600.000 19.809 17.062 44.622
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1.016
1/23/2016 6:00:00 PM 454500.000 19.812 17.061 44.628
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1/23/2016 6:15:00 PM 455400.000 19.816 17.061 44.637
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1/23/2016 6:30:00 PM 456300.000 19.810 17.060 44.624
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1/23/2016 6:45:00 PM 457200.000 19.817 17.060 44.639
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1.016
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1/23/2016 11:30:00 PM 474300.000 19.851 17.061 44.715
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1/23/2016 11:45:00 PM 475200.000 19.857 17.061 44.731
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1/24/2016 12:00:00 AM 476100.000 19.859 17.061 44.735
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1.016
1/24/2016 12:15:00 AM 477000.000 19.862 17.061 44.742
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1.016

1/24/2016 12:30:00 AM	477900.000	19.863	17.061	44.744	29995.189	35356.563
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1/24/2016 12:45:00 AM	478800.000	19.868	17.061	44.754	29972.170	35329.574
22.394	24.024	33.364	1.016			
1/24/2016 1:00:00 AM	479700.000	19.871	17.061	44.762	30007.568	35371.434
22.424	24.053	33.325	1.016			
1/24/2016 1:15:00 AM	480600.000	19.873	17.062	44.766	29993.555	35353.387
22.411	24.040	33.340	1.016			
1/24/2016 1:30:00 AM	481500.000	19.872	17.061	44.764	29986.338	35345.645
22.406	24.035	33.349	1.016			
1/24/2016 1:45:00 AM	482400.000	19.873	17.061	44.766	29997.340	35359.098
22.415	24.044	33.336	1.016			
1/24/2016 2:00:00 AM	483300.000	19.879	17.061	44.780	29998.621	35360.262
22.416	24.045	33.335	1.016			
1/24/2016 2:15:00 AM	484200.000	19.880	17.062	44.782	29962.982	35317.547
22.386	24.016	33.375	1.016			
1/24/2016 2:30:00 AM	485100.000	19.878	17.062	44.778	29994.504	35354.922
22.412	24.041	33.339	1.016			
1/24/2016 2:45:00 AM	486000.000	19.882	17.062	44.787	30009.717	35373.066
22.425	24.054	33.323	1.016			
1/24/2016 3:00:00 AM	486900.000	19.889	17.061	44.802	29981.012	35340.129
22.402	24.031	33.354	1.016			
1/24/2016 3:15:00 AM	487800.000	19.888	17.062	44.799	30022.801	35388.199
22.435	24.064	33.308	1.016			
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22.409	24.039	33.344	1.016			
1/24/2016 3:45:00 AM	489600.000	19.895	17.061	44.815	29988.055	35348.090
22.407	24.037	33.347	1.016			
1/24/2016 4:00:00 AM	490500.000	19.893	17.061	44.812	29977.490	35335.492
22.398	24.028	33.358	1.016			
1/24/2016 4:15:00 AM	491400.000	19.895	17.062	44.815	29991.752	35351.602
22.410	24.039	33.342	1.016			
1/24/2016 4:30:00 AM	492300.000	19.896	17.060	44.819	29982.215	35341.691
22.403	24.032	33.353	1.016			
1/24/2016 4:45:00 AM	493200.000	19.901	17.061	44.830	29977.834	35336.105
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1/24/2016 5:00:00 AM	494100.000	19.902	17.062	44.831		

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1/24/2016 6:00:00 AM 497700.000 19.909 17.060 44.846
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1/24/2016 6:15:00 AM 498600.000 19.912 17.061 44.854
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1/24/2016 6:30:00 AM 499500.000 19.911 17.062 44.852
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1/24/2016 8:00:00 AM 504900.000 19.925 17.060 44.883
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1/24/2016 8:15:00 AM 505800.000 19.926 17.062 44.886
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1/24/2016 11:15:00 AM 516600.000 19.949 17.061 44.937
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1/24/2016 11:30:00 AM 517500.000 19.953 17.059 44.945
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1/24/2016 12:45:00 PM 522000.000 19.959 17.060 44.959
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1/24/2016 1:15:00 PM 523800.000 19.967 17.058 44.977
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29977.746	35344.176	22.404	24.034	33.358
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29983.164	35353.773	22.411	24.041	33.352
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1/25/2016 12:00:00 AM 562500.000 19.966 16.997 44.976
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1/25/2016 12:30:00 AM 564300.000 19.959 16.997 44.959
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1/25/2016 12:45:00 AM 565200.000 19.958 17.001 44.958
29920.393 35315.641 22.382 24.015 33.422
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1/25/2016 1:00:00 AM 566100.000 19.965 17.006 44.972
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1/25/2016 2:30:00 AM 571500.000 19.955 17.014 44.950
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1/25/2016 3:45:00 AM 576000.000 19.949 17.015 44.937
29932.111 35318.984 22.385 24.017 33.409
1.016

1/25/2016 4:00:00 AM	576900.000	19.946	17.016	44.929	29943.871	35332.031
22.394	24.026	33.396	1.016			
1/25/2016 4:15:00 AM	577800.000	19.948	17.016	44.934	29924.490	35309.223
22.378	24.010	33.417	1.016			
1/25/2016 4:30:00 AM	578700.000	19.938	17.015	44.912	29915.332	35299.113
22.371	24.003	33.428	1.016			
1/25/2016 4:45:00 AM	579600.000	19.939	17.013	44.914	29938.400	35327.449
22.391	24.023	33.402	1.016			
1/25/2016 5:00:00 AM	580500.000	19.940	17.015	44.918	29925.246	35310.672
22.379	24.011	33.417	1.016			
1/25/2016 5:15:00 AM	581400.000	19.938	17.015	44.912	29954.617	35345.328
22.404	24.035	33.384	1.016			
1/25/2016 5:30:00 AM	582300.000	19.940	17.015	44.917	29954.525	35344.805
22.403	24.034	33.384	1.016			
1/25/2016 5:45:00 AM	583200.000	19.932	17.013	44.898	29945.955	35336.301
22.397	24.029	33.393	1.016			
1/25/2016 6:00:00 AM	584100.000	19.934	17.013	44.904	29931.938	35319.762
22.386	24.017	33.409	1.016			
1/25/2016 6:15:00 AM	585000.000	19.928	17.013	44.890	29917.744	35303.430
22.374	24.006	33.425	1.016			
1/25/2016 6:30:00 AM	585900.000	19.931	17.013	44.896	29929.477	35317.059
22.384	24.016	33.412	1.016			
1/25/2016 6:45:00 AM	586800.000	19.926	17.010	44.885	29931.105	35321.211
22.387	24.018	33.410	1.016			
1/25/2016 7:00:00 AM	587700.000	19.930	17.011	44.895	29945.857	35337.988
22.398	24.030	33.394	1.016			
1/25/2016 7:15:00 AM	588600.000	19.926	17.013	44.886	29919.830	35306.098
22.376	24.008	33.423	1.016			
1/25/2016 7:30:00 AM	589500.000	19.928	17.010	44.889	29965.012	35361.797
22.415	24.046	33.372	1.016			
1/25/2016 7:45:00 AM	590400.000	19.921	17.005	44.874	29926.795	35320.465
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1/25/2016 8:00:00 AM	591300.000	19.924	17.008	44.880	29929.701	35321.035
22.386	24.018	33.412	1.016			
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1.016
1/26/2016 6:30:00 PM 715500.000 19.746 17.007 44.479
29951.020 35347.102 22.404 24.036 33.388
1.016
1/26/2016 6:45:00 PM 716400.000 19.743 17.000 44.473
29950.080 35352.074 22.408 24.039 33.389
1.016
1/26/2016 7:00:00 PM 717300.000 19.735 17.002 44.455
29942.602 35341.637 22.400 24.032 33.397
1.016
1/26/2016 7:15:00 PM 718200.000 19.738 17.007 44.461
29923.145 35314.402 22.382 24.014 33.419
1.016
1/26/2016 7:30:00 PM 719100.000 19.739 17.006 44.464
29931.885 35325.703 22.389 24.021 33.409
1.016
1/26/2016 7:45:00 PM 720000.000 19.741 17.004 44.469
29938.412 35334.523 22.396 24.027 33.402
1.016
1/26/2016 8:00:00 PM 720900.000 19.732 16.999 44.449
29943.047 35344.117 22.402 24.034 33.397
1.016
1/26/2016 8:15:00 PM 721800.000 19.736 16.994 44.458
29928.879 35331.660 22.393 24.026 33.413
1.016
1/26/2016 8:30:00 PM 722700.000 19.738 16.996 44.461
29905.049 35302.059 22.373 24.005 33.439
1.016
1/26/2016 8:45:00 PM 723600.000 19.726 16.993 44.435
29945.090 35351.430 22.407 24.039 33.394
1.016
1/26/2016 9:00:00 PM 724500.000 19.722 16.994 44.425
29918.061 35318.543 22.384 24.017 33.425
1.016

1/26/2016 9:15:00 PM 725400.000 19.731 16.990 44.445
29925.453 35330.695 22.392 24.025 33.416
1.016
1/26/2016 9:30:00 PM 726300.000 19.721 16.988 44.424
29931.006 35338.578 22.398 24.030 33.410
1.016
1/26/2016 9:45:00 PM 727200.000 19.728 16.992 44.438
29959.855 35369.414 22.419 24.051 33.378
1.016
1/26/2016 10:00:00 PM 728100.000 19.717 16.992 44.414
29907.064 35307.656 22.376 24.009 33.437
1.016
1/26/2016 10:15:00 PM 729000.000 19.720 16.996 44.421
29932.463 35334.625 22.395 24.028 33.409
1.016
1/26/2016 10:30:00 PM 729900.000 19.720 16.993 44.421
29925.762 35328.684 22.391 24.024 33.416
1.016
1/26/2016 10:45:00 PM 730800.000 19.724 16.996 44.431
29959.947 35366.449 22.418 24.049 33.378
1.016
1/26/2016 11:00:00 PM 731700.000 19.717 16.995 44.414
29938.545 35341.883 22.400 24.032 33.402
1.016
1/26/2016 11:15:00 PM 732600.000 19.719 16.999 44.419
29953.170 35356.559 22.411 24.042 33.385
1.016
1/26/2016 11:30:00 PM 733500.000 19.724 17.000 44.430
29903.830 35297.273 22.369 24.002 33.441
1.016
1/26/2016 11:45:00 PM 734400.000 19.719 17.001 44.418
29928.189 35325.461 22.389 24.021 33.413
1.016
1/27/2016 12:00:00 AM 735300.000 19.723 17.000 44.428
29932.213 35330.773 22.393 24.025 33.409
1.016
1/27/2016 12:15:00 AM 736200.000 19.715 16.997 44.410
29948.875 35352.895 22.408 24.040 33.390
1.016
1/27/2016 12:30:00 AM 737100.000 19.723 17.000 44.428
29928.762 35326.703 22.390 24.022 33.413
1.016
1/27/2016 12:45:00 AM 738000.000 19.713 17.003 44.407
29916.166 35309.660 22.378 24.011 33.427
1.016
1/27/2016 1:00:00 AM 738900.000 19.707 17.003 44.391
29956.590 35357.305 22.411 24.043 33.382
1.016
1/27/2016 1:15:00 AM 739800.000 19.712 17.002 44.403
29919.754 35314.254 22.381 24.014 33.423
1.016
1/27/2016 1:30:00 AM 740700.000 19.704 17.000 44.385
29922.766 35319.832 22.385 24.017 33.419
1.016
1/27/2016 1:45:00 AM 741600.000 19.708 17.005 44.394

29944.227 35341.102 22.400 24.032 33.395
1.016
1/27/2016 2:00:00 AM 742500.000 19.713 17.002 44.405
29954.365 35355.594 22.410 24.042 33.384
1.016
1/27/2016 2:15:00 AM 743400.000 19.710 17.005 44.398
29953.420 35351.953 22.408 24.039 33.385
1.016
1/27/2016 2:30:00 AM 744300.000 19.711 17.004 44.402
29954.365 35353.633 22.409 24.040 33.384
1.016
1/27/2016 2:45:00 AM 745200.000 19.707 17.004 44.392
29954.445 35353.449 22.409 24.040 33.384
1.016
1/27/2016 3:00:00 AM 746100.000 19.708 17.004 44.394
29937.637 35333.609 22.395 24.027 33.403
1.016
1/27/2016 3:15:00 AM 747000.000 19.706 17.007 44.390
29936.785 35330.230 22.393 24.025 33.404
1.016
1/27/2016 3:30:00 AM 747900.000 19.700 17.003 44.375
29939.420 35336.973 22.397 24.029 33.401
1.016
1/27/2016 3:45:00 AM 748800.000 19.711 17.006 44.402
29959.957 35358.762 22.413 24.044 33.378
1.016
1/27/2016 4:00:00 AM 749700.000 19.698 17.006 44.371
29927.287 35320.133 22.386 24.018 33.414
1.016
1/27/2016 4:15:00 AM 750600.000 19.706 17.005 44.390
29951.723 35349.676 22.406 24.038 33.387
1.016
1/27/2016 4:30:00 AM 751500.000 19.700 17.005 44.377
29993.557 35398.977 22.441 24.071 33.340
1.016
1/27/2016 4:45:00 AM 752400.000 19.704 17.006 44.385
29965.459 35365.395 22.417 24.048 33.372
1.016
1/27/2016 5:00:00 AM 753300.000 19.707 17.007 44.392
29975.256 35376.191 22.425 24.056 33.361
1.016
1/27/2016 5:15:00 AM 754200.000 19.688 17.006 44.350
29987.801 35391.621 22.436 24.066 33.347
1.016
1/27/2016 5:30:00 AM 755100.000 19.692 17.006 44.359
29969.334 35369.551 22.420 24.051 33.367
1.016
1/27/2016 5:45:00 AM 756000.000 19.692 17.007 44.358
29996.223 35400.934 22.442 24.073 33.338
1.016
1/27/2016 6:00:00 AM 756900.000 19.694 17.003 44.363
29964.348 35365.973 22.418 24.049 33.373
1.016
1/27/2016 6:15:00 AM 757800.000 19.695 17.004 44.365
29976.289 35379.648 22.427 24.058 33.360

1.016
1/27/2016 6:30:00 AM 758700.000 19.688 17.004 44.349
29969.932 35372.008 22.422 24.053 33.367
1.016
1/27/2016 6:45:00 AM 759600.000 19.692 17.002 44.359
29962.377 35364.621 22.417 24.048 33.375
1.016
1/27/2016 7:00:00 AM 760500.000 19.687 17.004 44.348
29986.770 35391.746 22.436 24.066 33.348
1.016
1/27/2016 7:15:00 AM 761400.000 19.688 17.005 44.349
29981.182 35384.938 22.431 24.062 33.354
1.016
1/27/2016 7:30:00 AM 762300.000 19.685 17.008 44.342
29989.260 35391.660 22.436 24.066 33.345
1.016
1/27/2016 7:45:00 AM 763200.000 19.685 17.006 44.343
30014.455 35423.219 22.458 24.088 33.317
1.016
1/27/2016 8:00:00 AM 764100.000 19.688 17.005 44.349
29975.342 35377.551 22.426 24.057 33.361
1.016
1/27/2016 8:15:00 AM 765000.000 19.684 17.009 44.341
29973.453 35372.523 22.422 24.053 33.363
1.016
1/27/2016 8:30:00 AM 765900.000 19.681 17.007 44.334
29996.049 35400.383 22.442 24.072 33.338
1.016
1/27/2016 8:45:00 AM 766800.000 19.678 17.004 44.327
29981.443 35385.801 22.431 24.062 33.354
1.016
1/27/2016 9:00:00 AM 767700.000 19.685 17.005 44.343
29986.770 35390.965 22.435 24.066 33.348
1.016
1/27/2016 9:15:00 AM 768600.000 19.689 17.009 44.351
30005.592 35410.031 22.449 24.079 33.327
1.016
1/27/2016 9:30:00 AM 769500.000 19.686 17.005 44.345
30005.428 35413.195 22.451 24.081 33.327
1.016
1/27/2016 9:45:00 AM 770400.000 19.680 17.001 44.331
29975.260 35380.531 22.428 24.059 33.361
1.016
1/27/2016 10:00:00 AM 771300.000 19.681 17.004 44.333
29966.324 35367.535 22.419 24.050 33.371
1.016
1/27/2016 10:15:00 AM 772200.000 19.683 17.009 44.338
29968.992 35367.262 22.419 24.050 33.368
1.016
1/27/2016 10:30:00 AM 773100.000 19.683 17.009 44.339
30006.797 35411.660 22.450 24.080 33.326
1.016
1/27/2016 10:45:00 AM 774000.000 19.671 17.006 44.312
29975.777 35377.094 22.425 24.056 33.360
1.016

1/27/2016 11:00:00 AM	774900.000	19.678	17.011	44.326	29991.578	35392.301
22.436	24.067	33.343	1.016			
1/27/2016 11:15:00 AM	775800.000	19.677	17.005	44.324	29985.824	35390.414
22.435	24.065	33.349	1.016			
1/27/2016 11:30:00 AM	776700.000	19.674	17.006	44.317	29976.805	35378.445
22.426	24.057	33.359	1.016			
1/27/2016 11:45:00 AM	777600.000	19.670	17.009	44.309	30004.557	35409.090
22.448	24.078	33.328	1.016			
1/27/2016 12:00:00 PM	778500.000	19.664	17.011	44.296	30018.652	35423.625
22.458	24.088	33.313	1.016			
1/27/2016 12:15:00 PM	779400.000	19.670	17.008	44.309	29995.961	35399.301
22.441	24.072	33.338	1.016			
1/27/2016 12:30:00 PM	780300.000	19.675	17.009	44.320	30000.600	35404.563
22.445	24.075	33.333	1.016			
1/27/2016 12:45:00 PM	781200.000	19.674	17.008	44.317	29992.008	35395.121
22.438	24.069	33.342	1.016			
1/27/2016 1:00:00 PM	782100.000	19.672	17.011	44.313	30003.010	35405.793
22.446	24.076	33.330	1.016			
1/27/2016 1:15:00 PM	783000.000	19.667	17.011	44.301	30018.035	35423.164
22.458	24.088	33.313	1.016			
1/27/2016 1:30:00 PM	783900.000	19.668	17.011	44.305	30005.404	35408.059
22.447	24.077	33.327	1.016			
1/27/2016 1:45:00 PM	784800.000	19.676	17.012	44.323	30002.748	35404.715
22.445	24.075	33.330	1.016			
1/27/2016 2:00:00 PM	785700.000	19.669	17.010	44.307	30030.521	35438.469
22.468	24.098	33.299	1.016			
1/27/2016 2:15:00 PM	786600.000	19.666	17.012	44.300	30023.191	35428.281
22.461	24.091	33.308	1.016			
1/27/2016 2:30:00 PM	787500.000	19.672	17.012	44.313	30010.980	35414.504
22.452	24.082	33.321	1.016			
1/27/2016 2:45:00 PM	788400.000	19.673	17.015	44.315	30010.383	35410.984
22.449	24.079	33.322	1.016			
1/27/2016 3:00:00 PM	789300.000	19.673	17.013	44.315	30019.240	35422.844
22.458	24.088	33.312	1.016			
1/27/2016 3:15:00 PM	790200.000	19.663	17.013	44.293	30038.646	35445.949
22.474	24.103	33.290	1.016			
1/27/2016 3:30:00 PM	791100.000	19.662	17.013	44.290		

30032.313	35438.828	22.469	24.098	33.297
1.016				
1/27/2016 3:45:00 PM	792000.000	19.670	17.011	44.308
30061.129	35473.746	22.493	24.122	33.266
1.016				
1/27/2016 4:00:00 PM	792900.000	19.668	17.011	44.304
30047.969	35458.426	22.482	24.112	33.280
1.016				
1/27/2016 4:15:00 PM	793800.000	19.660	17.013	44.285
30051.801	35461.758	22.485	24.114	33.276
1.016				
1/27/2016 4:30:00 PM	794700.000	19.665	17.010	44.298
30029.119	35437.449	22.468	24.097	33.301
1.016				
1/27/2016 4:45:00 PM	795600.000	19.669	17.013	44.306
30058.457	35469.750	22.490	24.119	33.269
1.016				
1/27/2016 5:00:00 PM	796500.000	19.659	17.013	44.285
30041.324	35449.039	22.476	24.105	33.287
1.016				
1/27/2016 5:15:00 PM	797400.000	19.657	17.008	44.279
30046.717	35459.469	22.483	24.112	33.282
1.016				
1/27/2016 5:30:00 PM	798300.000	19.658	17.009	44.283
30045.885	35457.719	22.482	24.111	33.282
1.016				
1/27/2016 5:45:00 PM	799200.000	19.652	17.009	44.269
30054.660	35467.730	22.489	24.118	33.273
1.016				
1/27/2016 6:00:00 PM	800100.000	19.653	17.009	44.271
30051.041	35463.734	22.486	24.115	33.277
1.016				
1/27/2016 6:15:00 PM	801000.000	19.657	17.009	44.280
30053.270	35466.363	22.488	24.117	33.274
1.016				
1/27/2016 6:30:00 PM	801900.000	19.660	17.005	44.285
30070.738	35490.273	22.504	24.133	33.255
1.016				
1/27/2016 6:45:00 PM	802800.000	19.657	17.005	44.279
30042.014	35456.098	22.481	24.110	33.287
1.016				
1/27/2016 7:00:00 PM	803700.000	19.651	17.008	44.265
30038.813	35450.078	22.476	24.106	33.290
1.016				
1/27/2016 7:15:00 PM	804600.000	19.661	17.007	44.287
30058.168	35473.695	22.493	24.122	33.269
1.016				
1/27/2016 7:30:00 PM	805500.000	19.649	17.013	44.261
30061.197	35472.492	22.492	24.121	33.265
1.016				
1/27/2016 7:45:00 PM	806400.000	19.655	17.013	44.274
30046.137	35455.141	22.480	24.109	33.282
1.016				
1/27/2016 8:00:00 PM	807300.000	19.661	17.013	44.288
30062.133	35473.594	22.493	24.122	33.264

1.016
1/27/2016 8:15:00 PM 808200.000 19.651 17.015 44.266
30066.154 35477.012 22.496 24.124 33.260
1.016
1/27/2016 8:30:00 PM 809100.000 19.653 17.017 44.271
30074.893 35485.496 22.502 24.130 33.250
1.016
1/27/2016 8:45:00 PM 810000.000 19.655 17.014 44.276
30061.465 35472.469 22.492 24.121 33.265
1.016
1/27/2016 9:00:00 PM 810900.000 19.653 17.016 44.269
30073.836 35485.441 22.501 24.130 33.251
1.016
1/27/2016 9:15:00 PM 811800.000 19.650 17.009 44.263
30028.779 35437.395 22.468 24.097 33.301
1.016
1/27/2016 9:30:00 PM 812700.000 19.649 17.007 44.261
30028.748 35439.254 22.469 24.099 33.301
1.016
1/27/2016 9:45:00 PM 813600.000 19.647 17.006 44.258
30089.352 35511.332 22.519 24.148 33.234
1.016
1/27/2016 10:00:00 PM 814500.000 19.651 17.004 44.266
30043.379 35458.898 22.482 24.112 33.285
1.016
1/27/2016 10:15:00 PM 815400.000 19.651 16.999 44.267
30052.607 35473.520 22.492 24.122 33.275
1.016
1/27/2016 10:30:00 PM 816300.000 19.651 16.997 44.265
30007.730 35422.008 22.456 24.087 33.325
1.016
1/27/2016 10:45:00 PM 817200.000 19.647 16.998 44.257
30054.531 35476.699 22.495 24.124 33.273
1.016
1/27/2016 11:00:00 PM 818100.000 19.648 17.003 44.259
30061.195 35480.488 22.497 24.127 33.265
1.016
1/27/2016 11:15:00 PM 819000.000 19.650 17.002 44.263
30033.346 35448.469 22.475 24.105 33.296
1.016
1/27/2016 11:30:00 PM 819900.000 19.645 17.001 44.253
30056.680 35476.848 22.495 24.124 33.270
1.016
1/27/2016 11:45:00 PM 820800.000 19.649 17.002 44.262
30030.152 35444.418 22.472 24.102 33.300
1.016

Report Date: 2/1/2016 10:38:46 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_2016-01-28_14-34-33-864.wsl
Create Date: 1/28/2016 2:34:23 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

Log Data:
Record Count: 971
Sensors: 1
1 - 392547: PCTD 300 PSIG (211m/692ft)
Time Zone: Pacific Standard Time

Sensor: PCTD(G) 692ft Sensor: PCTD(G) 692ft Sensor: PCTD(G) 692ft Sensor: PCTD(G) 692ft Sensor: PCTD(G) 692ft Sensor: PCTD(G) 692ft Sensor: PCTD(G) 692ft Sensor: PCTD(G) 692ft Sensor: PCTD(G) 692ft
Elapsed Time SN#: 392547 SN#: 392547 SN#: 392547 SN#: 392547 SN#: 392547 SN#: 392547 SN#: 392547 SN#: 392547 SN#: 392547
Date and Time Seconds Pressure (PSI) Temperature (C) Depth (ft) Actual Conductivity (µS) Specific Conductivity (µS) Salinity (PSU) Total Dissolved Solids (ppt) Resistivity (ohm-cm) Water Density (g/cm3)
--- --- --- --- --- --- --- --- --- --- --- ---
1/21/2016 12:00:00 AM 216900.000 121.126 20.382 272.849 37682.309 41327.773 26.767 28.103 26.538

1.018
1/21/2016 12:15:00 AM 217800.000 121.108 20.381 272.808
37694.082 41341.594 26.777 28.112 26.529
1.018
1/21/2016 12:30:00 AM 218700.000 121.091 20.382 272.770
37677.410 41322.246 26.763 28.099 26.541
1.018
1/21/2016 12:45:00 AM 219600.000 121.095 20.381 272.777
37677.324 41322.910 26.764 28.100 26.541
1.018
1/21/2016 1:00:00 AM 220500.000 121.066 20.381 272.714
37687.359 41334.367 26.772 28.107 26.534
1.018
1/21/2016 1:15:00 AM 221400.000 121.065 20.378 272.711
37694.195 41343.840 26.779 28.114 26.529
1.018
1/21/2016 1:30:00 AM 222300.000 121.058 20.379 272.694
37677.832 41325.359 26.765 28.101 26.541
1.018
1/21/2016 1:45:00 AM 223200.000 121.083 20.376 272.751
37677.086 41327.191 26.767 28.102 26.541
1.018
1/21/2016 2:00:00 AM 224100.000 121.067 20.378 272.714
37689.898 41339.582 26.776 28.111 26.532
1.018
1/21/2016 2:15:00 AM 225000.000 121.046 20.378 272.668
37666.074 41313.449 26.757 28.093 26.549
1.018
1/21/2016 2:30:00 AM 225900.000 121.041 20.377 272.658
37675.203 41324.070 26.764 28.100 26.543
1.018
1/21/2016 2:45:00 AM 226800.000 121.044 20.377 272.663
37662.324 41310.020 26.754 28.091 26.552
1.018
1/21/2016 3:00:00 AM 227700.000 121.055 20.379 272.688
37694.082 41342.723 26.778 28.113 26.529
1.018
1/21/2016 3:15:00 AM 228600.000 121.082 20.377 272.750
37648.125 41294.445 26.743 28.080 26.562
1.018
1/21/2016 3:30:00 AM 229500.000 121.085 20.376 272.755
37686.746 41337.414 26.774 28.109 26.535
1.018
1/21/2016 3:45:00 AM 230400.000 121.081 20.373 272.747
37681.754 41335.125 26.772 28.108 26.538
1.018
1/21/2016 4:00:00 AM 231300.000 121.091 20.376 272.770
37668.621 41317.461 26.760 28.096 26.547
1.018
1/21/2016 4:15:00 AM 232200.000 121.105 20.380 272.801
37655.973 41300.328 26.747 28.084 26.556
1.018
1/21/2016 4:30:00 AM 233100.000 121.119 20.382 272.833
37674.188 41318.863 26.761 28.097 26.543
1.018
1/21/2016 4:45:00 AM 234000.000 121.158 20.377 272.920
37675.633 41324.848 26.765 28.101 26.542

1.018
1/21/2016 5:00:00 AM 234900.000 121.189 20.380 272.989
37690.250 41337.922 26.774 28.110 26.532
1.018
1/21/2016 5:15:00 AM 235800.000 121.202 20.379 273.020
37684.113 41332.484 26.771 28.106 26.536
1.018
1/21/2016 5:30:00 AM 236700.000 121.206 20.376 273.029
37683.070 41333.680 26.771 28.107 26.537
1.018
1/21/2016 5:45:00 AM 237600.000 121.225 20.377 273.070
37680.121 41329.539 26.768 28.104 26.539
1.018
1/21/2016 6:00:00 AM 238500.000 121.260 20.373 273.151
37698.109 41352.609 26.785 28.120 26.527
1.018
1/21/2016 6:15:00 AM 239400.000 121.282 20.377 273.198
37672.441 41320.668 26.762 28.098 26.545
1.018
1/21/2016 6:30:00 AM 240300.000 121.304 20.377 273.249
37679.742 41329.430 26.768 28.104 26.539
1.018
1/21/2016 6:45:00 AM 241200.000 121.344 20.376 273.340
37694.344 41345.746 26.780 28.115 26.529
1.018
1/21/2016 7:00:00 AM 242100.000 121.345 20.375 273.342
37655.434 41303.898 26.750 28.087 26.557
1.018
1/21/2016 7:15:00 AM 243000.000 121.359 20.371 273.372
37669.930 41323.590 26.764 28.100 26.546
1.018
1/21/2016 7:30:00 AM 243900.000 121.406 20.374 273.478
37670.664 41321.445 26.762 28.099 26.546
1.018
1/21/2016 7:45:00 AM 244800.000 121.390 20.380 273.443
37692.797 41340.570 26.776 28.112 26.530
1.018
1/21/2016 8:00:00 AM 245700.000 119.917 20.376 270.126
37667.078 41315.918 26.759 28.095 26.548
1.018
1/21/2016 8:15:00 AM 246600.000 119.773 20.415 269.800
37914.234 41553.410 26.931 28.256 26.375
1.019
1/21/2016 8:30:00 AM 247500.000 119.782 20.419 269.820
37957.746 41597.824 26.963 28.287 26.345
1.019
1/21/2016 8:45:00 AM 248400.000 119.784 20.417 269.825
37931.176 41570.086 26.943 28.268 26.364
1.019
1/21/2016 9:00:00 AM 249300.000 119.776 20.417 269.808
37897.355 41533.020 26.916 28.242 26.387
1.019
1/21/2016 9:15:00 AM 250200.000 119.781 20.425 269.819
37629.363 41231.984 26.700 28.038 26.575
1.018
1/21/2016 9:30:00 AM 251100.000 119.774 20.422 269.803
37543.574 41140.840 26.634 27.976 26.636

1.018
1/21/2016 9:45:00 AM 252000.000 121.442 20.433 273.561
36891.770 40417.555 26.116 27.484 27.106
1.018
1/21/2016 10:00:00 AM 252900.000 121.455 20.444 273.589
36298.066 39757.797 25.644 27.035 27.550
1.018
1/21/2016 10:15:00 AM 253800.000 121.448 20.439 273.574
36069.242 39511.285 25.467 26.868 27.724
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1/21/2016 10:30:00 AM 254700.000 121.429 20.435 273.530
35872.426 39299.355 25.316 26.724 27.877
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1/21/2016 10:45:00 AM 255600.000 121.415 20.435 273.500
35645.344 39050.078 25.138 26.554 28.054
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1/21/2016 11:00:00 AM 256500.000 121.394 20.431 273.452
35613.887 39018.836 25.116 26.533 28.079
1.017
1/21/2016 11:15:00 AM 257400.000 121.369 20.430 273.396
35496.199 38891.035 25.025 26.446 28.172
1.017
1/21/2016 11:30:00 AM 258300.000 121.341 20.428 273.332
35490.430 38886.414 25.021 26.443 28.177
1.017
1/21/2016 11:45:00 AM 259200.000 121.304 20.427 273.249
35436.773 38827.914 24.980 26.403 28.219
1.017
1/21/2016 12:00:00 PM 260100.000 121.272 20.424 273.177
35420.250 38812.867 24.969 26.393 28.232
1.017
1/21/2016 12:15:00 PM 261000.000 121.247 20.423 273.122
35401.766 38793.039 24.955 26.379 28.247
1.017
1/21/2016 12:30:00 PM 261900.000 121.214 20.421 273.045
35442.766 38839.672 24.988 26.411 28.215
1.017
1/21/2016 12:45:00 PM 262800.000 121.189 20.422 272.989
35397.988 38789.965 24.952 26.377 28.250
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1/21/2016 1:00:00 PM 263700.000 121.144 20.419 272.888
35405.953 38800.543 24.960 26.384 28.244
1.017
1/21/2016 1:15:00 PM 264600.000 121.124 20.419 272.843
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1.017
1/21/2016 1:30:00 PM 265500.000 121.078 20.416 272.739
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35448.500 38850.012 24.995 26.418 28.210
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1/21/2016 2:30:00 PM 269100.000 120.963 20.417 272.482
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1/21/2016 2:45:00 PM 270000.000 120.937 20.415 272.422
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1/21/2016 3:00:00 PM 270900.000 120.900 20.414 272.338
35488.871 38895.613 25.027 26.449 28.178
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1/21/2016 3:15:00 PM 271800.000 120.895 20.414 272.328
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35481.227 38885.457 25.020 26.442 28.184
1.017
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35485.852 38890.375 25.024 26.445 28.180
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35536.402 38947.066 25.064 26.484 28.140
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1/21/2016 4:15:00 PM 275400.000 120.846 20.414 272.218
35533.965 38945.605 25.063 26.483 28.142
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1/21/2016 4:30:00 PM 276300.000 120.850 20.414 272.226
35512.402 38921.258 25.046 26.466 28.159
1.017
1/21/2016 4:45:00 PM 277200.000 120.836 20.413 272.195
35557.895 38972.332 25.082 26.501 28.123
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1/21/2016 5:15:00 PM 279000.000 120.857 20.412 272.241
35527.824 38940.297 25.059 26.479 28.147
1.017
1/21/2016 5:30:00 PM 279900.000 120.852 20.414 272.231
35543.531 38956.090 25.070 26.490 28.135
1.017
1/21/2016 5:45:00 PM 280800.000 120.853 20.413 272.234
35565.047 38980.387 25.088 26.507 28.117
1.017
1/21/2016 6:00:00 PM 281700.000 120.887 20.413 272.310
35633.680 39055.105 25.141 26.557 28.063
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1/21/2016 6:15:00 PM 282600.000 120.880 20.409 272.295
35619.711 39042.953 25.132 26.549 28.074
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1/21/2016 6:30:00 PM 283500.000 120.908 20.409 272.358
35633.762 39058.559 25.143 26.560 28.063
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1/21/2016 6:45:00 PM 284400.000 120.935 20.413 272.417
35591.793 39009.484 25.109 26.526 28.096
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35678.176 39104.809 25.176 26.591 28.028

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1/21/2016 7:15:00 PM 286200.000 120.979 20.413 272.516
35643.723 39066.469 25.149 26.565 28.055
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1/21/2016 7:30:00 PM 287100.000 120.995 20.410 272.553
35674.883 39102.988 25.175 26.590 28.031
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1/21/2016 7:45:00 PM 288000.000 121.032 20.410 272.636
35723.680 39156.406 25.213 26.626 27.993
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1/21/2016 8:00:00 PM 288900.000 121.022 20.411 272.614
35721.102 39153.004 25.211 26.624 27.995
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35781.156 39218.902 25.258 26.669 27.948
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35771.707 39208.980 25.251 26.662 27.955
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35786.918 39225.863 25.263 26.674 27.943
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35846.020 39293.160 25.311 26.719 27.897
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35872.836 39321.691 25.331 26.739 27.876
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1/21/2016 9:30:00 PM 294300.000 121.135 20.409 272.869
35898.512 39349.258 25.351 26.757 27.856
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1/21/2016 9:45:00 PM 295200.000 121.171 20.412 272.949
35893.156 39340.797 25.345 26.752 27.860
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1/21/2016 10:00:00 PM 296100.000 121.182 20.408 272.974
35903.176 39355.023 25.355 26.761 27.853
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1/21/2016 10:15:00 PM 297000.000 121.182 20.412 272.974
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1/21/2016 10:30:00 PM 297900.000 121.201 20.410 273.017
35932.445 39385.301 25.377 26.782 27.830
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1/21/2016 10:45:00 PM 298800.000 121.200 20.408 273.014
35975.871 39434.348 25.411 26.815 27.796
1.017
1/21/2016 11:00:00 PM 299700.000 121.208 20.410 273.032
35967.961 39424.520 25.405 26.809 27.803
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1/21/2016 11:15:00 PM 300600.000 121.197 20.409 273.009
36010.867 39472.047 25.438 26.841 27.769
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1/21/2016 11:30:00 PM 301500.000 121.208 20.408 273.032
36022.773 39485.684 25.448 26.850 27.760
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36057.133 39520.016 25.473 26.874 27.734
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36085.391 39549.828 25.494 26.894 27.712
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36080.770 39543.895 25.490 26.890 27.716
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1/22/2016 1:30:00 AM 308700.000 121.159 20.411 272.923
36131.750 39602.891 25.532 26.930 27.676
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36137.488 39608.086 25.536 26.933 27.672
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36152.984 39624.273 25.547 26.945 27.660
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36185.344 39658.871 25.572 26.968 27.635
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36167.035 39637.133 25.557 26.953 27.649
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36210.617 39687.730 25.593 26.988 27.616
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1/22/2016 3:30:00 AM 315900.000 121.139 20.415 272.878
36218.078 39694.086 25.597 26.992 27.611
1.018
1/22/2016 3:45:00 AM 316800.000 121.150 20.416 272.902
36223.809 39700.008 25.602 26.996 27.606
1.018
1/22/2016 4:00:00 AM 317700.000 121.157 20.413 272.918
36212.613 39690.285 25.594 26.989 27.615
1.018
1/22/2016 4:15:00 AM 318600.000 121.131 20.411 272.858
36257.703 39741.305 25.631 27.024 27.580
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1/22/2016 4:30:00 AM 319500.000 121.173 20.413 272.955
36258.910 39740.590 25.630 27.024 27.579

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1/22/2016 4:45:00 AM 320400.000 121.200 20.417 273.015
36268.016 39747.145 25.635 27.028 27.573
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1/22/2016 5:00:00 AM 321300.000 121.210 20.412 273.036
36264.012 39747.199 25.635 27.028 27.576
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1/22/2016 5:15:00 AM 322200.000 121.210 20.413 273.036
36272.672 39756.113 25.642 27.034 27.569
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1/22/2016 5:30:00 AM 323100.000 121.234 20.414 273.091
36318.039 39805.031 25.677 27.067 27.535
1.018
1/22/2016 5:45:00 AM 324000.000 121.234 20.414 273.091
36308.668 39794.395 25.669 27.060 27.542
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1/22/2016 6:00:00 AM 324900.000 121.278 20.413 273.190
36363.715 39855.828 25.713 27.102 27.500
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1/22/2016 6:15:00 AM 325800.000 121.298 20.413 273.236
36338.375 39828.055 25.693 27.083 27.519
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1/22/2016 6:30:00 AM 326700.000 121.316 20.412 273.276
36360.977 39853.266 25.711 27.100 27.502
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36371.180 39864.813 25.719 27.108 27.494
1.018
1/22/2016 7:00:00 AM 328500.000 121.375 20.413 273.410
36362.527 39854.086 25.712 27.101 27.501
1.018
1/22/2016 7:15:00 AM 329400.000 121.382 20.413 273.424
36407.020 39902.629 25.746 27.134 27.467
1.018
1/22/2016 7:30:00 AM 330300.000 121.411 20.415 273.490
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37353.941 40949.555 26.496 27.846 26.771
1.018
1/27/2016 6:45:00 AM 759600.000 121.070 20.402 272.721
37388.203 40987.633 26.524 27.872 26.746
1.018
1/27/2016 7:00:00 AM 760500.000 121.087 20.402 272.761
37377.605 40976.617 26.516 27.864 26.754
1.018
1/27/2016 7:15:00 AM 761400.000 121.088 20.402 272.763
37374.148 40972.223 26.512 27.861 26.756
1.018
1/27/2016 7:30:00 AM 762300.000 121.089 20.403 272.765
37367.512 40964.125 26.507 27.856 26.761
1.018
1/27/2016 7:45:00 AM 763200.000 121.083 20.401 272.751
37360.832 40958.758 26.503 27.852 26.766
1.018
1/27/2016 8:00:00 AM 764100.000 121.070 20.398 272.721
37351.922 40951.230 26.497 27.847 26.772

1.018
1/27/2016 8:15:00 AM 765000.000 121.056 20.399 272.691
37369.840 40970.664 26.511 27.860 26.760
1.018
1/27/2016 8:30:00 AM 765900.000 121.103 20.400 272.796
37383.520 40984.152 26.521 27.869 26.750
1.018
1/27/2016 8:45:00 AM 766800.000 121.100 20.403 272.791
37360.480 40956.188 26.501 27.850 26.766
1.018
1/27/2016 9:00:00 AM 767700.000 121.120 20.403 272.834
37385.766 40983.906 26.521 27.869 26.748
1.018
1/27/2016 9:15:00 AM 768600.000 121.125 20.399 272.846
37373.945 40974.402 26.514 27.863 26.757
1.018
1/27/2016 9:30:00 AM 769500.000 121.139 20.399 272.878
37362.469 40961.898 26.505 27.854 26.765
1.018
1/27/2016 9:45:00 AM 770400.000 121.152 20.400 272.907
37367.363 40966.363 26.508 27.857 26.761
1.018
1/27/2016 10:00:00 AM 771300.000 121.173 20.399 272.954
37391.574 40994.332 26.528 27.876 26.744
1.018
1/27/2016 10:15:00 AM 772200.000 121.185 20.399 272.981
37385.727 40987.551 26.523 27.872 26.748
1.018
1/27/2016 10:30:00 AM 773100.000 121.175 20.398 272.959
37378.383 40980.102 26.518 27.866 26.753
1.018
1/27/2016 10:45:00 AM 774000.000 121.216 20.402 273.051
37381.637 40980.203 26.518 27.867 26.751
1.018
1/27/2016 11:00:00 AM 774900.000 121.224 20.401 273.068
37387.797 40988.320 26.524 27.872 26.747
1.018
1/27/2016 11:15:00 AM 775800.000 121.230 20.400 273.083
37387.297 40988.816 26.524 27.872 26.747
1.018
1/27/2016 11:30:00 AM 776700.000 121.245 20.401 273.117
37372.883 40972.043 26.512 27.861 26.757
1.018
1/27/2016 11:45:00 AM 777600.000 121.263 20.401 273.157
37376.188 40975.285 26.515 27.863 26.755
1.018
1/27/2016 12:00:00 PM 778500.000 121.273 20.402 273.179
37383.613 40982.898 26.520 27.868 26.750
1.018
1/27/2016 12:15:00 PM 779400.000 121.280 20.402 273.195
37359.637 40956.387 26.501 27.850 26.767
1.018
1/27/2016 12:30:00 PM 780300.000 121.295 20.406 273.229
37411.895 41010.523 26.540 27.887 26.729
1.018
1/27/2016 12:45:00 PM 781200.000 121.272 20.403 273.177
37408.145 41008.977 26.539 27.886 26.732

1.018
1/27/2016 1:00:00 PM 782100.000 121.302 20.404 273.245
37377.152 40973.797 26.514 27.862 26.754
1.018
1/27/2016 1:15:00 PM 783000.000 121.293 20.402 273.225
37391.668 40992.031 26.527 27.875 26.744
1.018
1/27/2016 1:30:00 PM 783900.000 121.287 20.402 273.210
37398.773 40999.824 26.532 27.880 26.739
1.018
1/27/2016 1:45:00 PM 784800.000 121.295 20.401 273.229
37393.875 40994.676 26.529 27.876 26.742
1.018
1/27/2016 2:00:00 PM 785700.000 121.279 20.402 273.192
37403.691 41004.832 26.536 27.883 26.735
1.018
1/27/2016 2:15:00 PM 786600.000 121.276 20.402 273.185
37390.414 40990.656 26.526 27.874 26.745
1.018
1/27/2016 2:30:00 PM 787500.000 121.246 20.404 273.119
37408.512 41008.543 26.539 27.886 26.732
1.018
1/27/2016 2:45:00 PM 788400.000 121.254 20.399 273.137
37388.199 40990.109 26.525 27.873 26.746
1.018
1/27/2016 3:00:00 PM 789300.000 121.246 20.401 273.119
37417.371 41020.359 26.547 27.894 26.726
1.018
1/27/2016 3:15:00 PM 790200.000 121.221 20.402 273.062
37398.273 40999.043 26.532 27.879 26.739
1.018
1/27/2016 3:30:00 PM 791100.000 121.209 20.401 273.034
37413.293 41015.961 26.544 27.891 26.728
1.018
1/27/2016 3:45:00 PM 792000.000 121.184 20.400 272.979
37397.590 41000.031 26.532 27.880 26.740
1.018
1/27/2016 4:00:00 PM 792900.000 121.160 20.403 272.925
37418.152 41019.711 26.547 27.893 26.725
1.018
1/27/2016 4:15:00 PM 793800.000 121.126 20.401 272.848
37404.152 41006.250 26.537 27.884 26.735
1.018
1/27/2016 4:30:00 PM 794700.000 121.126 20.399 272.849
37398.141 41001.691 26.534 27.881 26.739
1.018
1/27/2016 4:45:00 PM 795600.000 121.110 20.399 272.811
37391.516 40993.664 26.528 27.876 26.744
1.018
1/27/2016 5:00:00 PM 796500.000 121.080 20.400 272.745
37394.391 40996.145 26.530 27.877 26.742
1.018
1/27/2016 5:15:00 PM 797400.000 121.036 20.399 272.645
37389.441 40991.699 26.526 27.874 26.746
1.018
1/27/2016 5:30:00 PM 798300.000 121.034 20.398 272.641
37375.664 40977.121 26.516 27.864 26.755

1.018
1/27/2016 5:45:00 PM 799200.000 121.026 20.398 272.624
37401.215 41005.656 26.536 27.884 26.737
1.018
1/27/2016 6:00:00 PM 800100.000 121.002 20.399 272.568
37391.777 40994.477 26.528 27.876 26.744
1.018
1/27/2016 6:15:00 PM 801000.000 120.981 20.400 272.522
37405.492 41008.535 26.538 27.886 26.734
1.018
1/27/2016 6:30:00 PM 801900.000 120.947 20.398 272.445
37388.680 40991.461 26.526 27.874 26.746
1.018
1/27/2016 6:45:00 PM 802800.000 120.941 20.398 272.431
37397.410 41001.629 26.533 27.881 26.740
1.018
1/27/2016 7:00:00 PM 803700.000 120.933 20.398 272.414
37379.738 40982.254 26.520 27.868 26.752
1.018
1/27/2016 7:15:00 PM 804600.000 120.930 20.396 272.407
37369.938 40972.559 26.513 27.861 26.759
1.018
1/27/2016 7:30:00 PM 805500.000 120.906 20.396 272.354
37372.754 40976.332 26.515 27.864 26.757
1.018
1/27/2016 7:45:00 PM 806400.000 120.880 20.401 272.295
37396.656 40997.875 26.531 27.879 26.740
1.018
1/27/2016 8:00:00 PM 807300.000 120.896 20.400 272.330
37377.266 40977.969 26.517 27.865 26.754
1.018
1/27/2016 8:15:00 PM 808200.000 120.900 20.400 272.339
37389.238 40990.875 26.526 27.874 26.746
1.018
1/27/2016 8:30:00 PM 809100.000 120.897 20.399 272.333
37373.000 40973.676 26.513 27.862 26.757
1.018
1/27/2016 8:45:00 PM 810000.000 120.863 20.399 272.255
37368.199 40968.254 26.510 27.858 26.761
1.018
1/27/2016 9:00:00 PM 810900.000 120.897 20.399 272.333
37384.695 40986.949 26.523 27.871 26.749
1.018
1/27/2016 9:15:00 PM 811800.000 120.913 20.397 272.368
37366.750 40968.688 26.510 27.859 26.762
1.018
1/27/2016 9:30:00 PM 812700.000 120.897 20.400 272.332
37401.172 41003.426 26.535 27.882 26.737
1.018
1/27/2016 9:45:00 PM 813600.000 120.903 20.397 272.345
37375.516 40978.453 26.517 27.865 26.755
1.018
1/27/2016 10:00:00 PM 814500.000 120.938 20.395 272.425
37387.246 40992.441 26.527 27.875 26.747
1.018
1/27/2016 10:15:00 PM 815400.000 120.930 20.398 272.407
37396.137 41000.086 26.532 27.880 26.741

1.018
1/27/2016 10:30:00 PM 816300.000 120.968 20.396 272.491
37368.004 40970.965 26.511 27.860 26.761
1.018
1/27/2016 10:45:00 PM 817200.000 120.985 20.395 272.531
37368.660 40972.738 26.513 27.861 26.760
1.018
1/27/2016 11:00:00 PM 818100.000 121.006 20.394 272.578
37384.035 40989.742 26.525 27.873 26.749
1.018
1/27/2016 11:15:00 PM 819000.000 121.025 20.394 272.620
37347.852 40950.590 26.497 27.846 26.775
1.018
1/27/2016 11:30:00 PM 819900.000 121.053 20.392 272.684
37404.188 41013.727 26.542 27.889 26.735
1.018
1/27/2016 11:45:00 PM 820800.000 121.052 20.396 272.681
37397.855 41003.477 26.535 27.882 26.740
1.018

Report Date: 2/1/2016 10:38:53 AM
Report User Name: KMakar
Report Computer Name: WKST46
Application: WinSitu.exe
Application Version: 5.6.25.0

Log File Properties:
File Name: MPWSP MW-4M LT Test_2016-01-28_14-38-37-738-BaroMerge.wsl
Create Date: 2/1/2016 10:37:01 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

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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
2/1/2016 10:37:01 AM	User Note: "Pressure & Level adjusted by baro data from: "MPWSP BaroTroll Pre Test_2016-01-28_14-47-48-317.wsl""

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Log Data:
Record Count: 2913
Sensors: 2
    1 - 399060: PCTD 100 PSIA (60.1m/197.3ft)
    2 - 0: Baro-Adjustment Calc
Time Zone: Pacific Standard Time

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

SN#: 399060 SN#: 399060 SN#: 399060 SN#: 399060 SN#: 399060
SN#: 000000

Date and Time	Elapsed Time Seconds	Corrected Pressure (PSI)	Temperature (C)	Corrected Depth (ft)	Actual Conductivity (µS)	Specific Conductivity (µS)	Salinity (PSU)	Total Dissolved Solids (ppm)	Resistivity (ohm-cm)	Water Density (g/cm3)	Barometric Pressure (PSI)
1/21/2016 12:00:00 AM	216900.000	73.345	17.984	167.177	28329.863	32713.607	20.607	22245.254	35.298	1.014	14.838
1/21/2016 12:05:00 AM	217200.000	73.331	17.983	167.143	28350.791	32738.854	20.624	22262.420	35.272	1.014	14.836
1/21/2016 12:10:00 AM	217500.000	73.328	17.983	167.137	28351.041	32738.816	20.624	22262.396	35.272	1.014	14.833
1/21/2016 12:15:00 AM	217800.000	73.350	17.984	167.187	28347.439	32733.844	20.621	22259.014	35.277	1.014	14.831
1/21/2016 12:20:00 AM	218100.000	73.328	17.984	167.137	28355.357	32742.926	20.627	22265.189	35.267	1.014	14.831
1/21/2016 12:25:00 AM	218400.000	73.347	17.983	167.180	28353.621	32741.676	20.626	22264.342	35.269	1.014	14.830
1/21/2016 12:30:00 AM	218700.000	73.346	17.984	167.178	28338.719	32723.953	20.614	22252.291	35.287	1.014	14.830
1/21/2016 12:35:00 AM	219000.000	73.344	17.984	167.173	28349.766	32736.590	20.623	22260.881	35.274	1.014	14.829
1/21/2016 12:40:00 AM	219300.000	73.345	17.984	167.177	28344.287	32730.451	20.618	22256.709	35.280	1.014	14.828
1/21/2016 12:45:00 AM	219600.000	73.351	17.983	167.190	28348.578	32736.039	20.622	22260.508	35.275	1.014	14.827
1/21/2016 12:50:00 AM	219900.000	73.345	17.983	167.175	28346.555	32733.516	20.620	22258.793	35.278	1.014	14.827
1/21/2016 12:55:00 AM	220200.000	73.342	17.984	167.170	28356.248	32744.262	20.628	22266.098	35.266	1.014	14.827
1/21/2016 1:00:00 AM	220500.000	73.323	17.984	167.126	28350.004	32737.178	20.623	22261.281	35.273	1.014	14.827
1/21/2016 1:05:00 AM	220800.000	73.343	17.984	167.171	28337.471	32722.457	20.613	22251.271	35.289	1.014	14.826
1/21/2016 1:10:00 AM	221100.000	73.323	17.983	167.126	28334.547	32719.770	20.611	22249.445	35.293	1.014	14.825
1/21/2016 1:15:00 AM	221400.000	73.342	17.983	167.169	28339.268	32725.039	20.615	22253.029	35.287	1.014	14.824
1/21/2016 1:20:00 AM	221700.000	73.345	17.983	167.175							

28365.746 32755.742 20.636 22273.904 35.254
1.014 14.823
1/21/2016 1:25:00 AM 222000.000 73.343 17.983 167.170
28344.809 32731.686 20.619 22257.547 35.280
1.014 14.822
1/21/2016 1:30:00 AM 222300.000 73.343 17.983 167.171
28347.707 32734.846 20.621 22259.697 35.276
1.014 14.820
1/21/2016 1:35:00 AM 222600.000 73.342 17.983 167.169
28345.848 32732.639 20.620 22258.195 35.279
1.014 14.821
1/21/2016 1:40:00 AM 222900.000 73.341 17.982 167.166
28334.867 32720.590 20.612 22250.004 35.292
1.014 14.821
1/21/2016 1:45:00 AM 223200.000 73.324 17.983 167.127
28350.129 32737.449 20.623 22261.465 35.273
1.014 14.822
1/21/2016 1:50:00 AM 223500.000 73.318 17.983 167.113
28336.893 32722.232 20.613 22251.119 35.290
1.014 14.821
1/21/2016 1:55:00 AM 223800.000 73.339 17.983 167.162
28373.012 32764.254 20.642 22279.693 35.245
1.014 14.820
1/21/2016 2:00:00 AM 224100.000 73.338 17.984 167.161
28336.619 32721.596 20.612 22250.688 35.290
1.014 14.819
1/21/2016 2:05:00 AM 224400.000 73.341 17.983 167.166
28345.217 32731.775 20.619 22257.609 35.279
1.014 14.821
1/21/2016 2:10:00 AM 224700.000 73.336 17.983 167.155
28369.410 32760.281 20.639 22276.992 35.249
1.014 14.823
1/21/2016 2:15:00 AM 225000.000 73.344 17.983 167.174
28348.100 32735.486 20.622 22260.133 35.276
1.014 14.825
1/21/2016 2:20:00 AM 225300.000 73.338 17.983 167.160
28344.342 32730.766 20.619 22256.922 35.280
1.014 14.825
1/21/2016 2:25:00 AM 225600.000 73.341 17.983 167.166
28340.158 32726.068 20.615 22253.727 35.286
1.014 14.825
1/21/2016 2:30:00 AM 225900.000 73.343 17.984 167.171
28341.023 32726.682 20.616 22254.145 35.285
1.014 14.825
1/21/2016 2:35:00 AM 226200.000 73.338 17.983 167.161
28347.484 32734.654 20.621 22259.564 35.277
1.014 14.825
1/21/2016 2:40:00 AM 226500.000 73.335 17.984 167.152
28351.615 32739.104 20.624 22262.590 35.271
1.014 14.826
1/21/2016 2:45:00 AM 226800.000 73.334 17.983 167.152
28369.145 32759.539 20.639 22276.488 35.250
1.014 14.827
1/21/2016 2:50:00 AM 227100.000 73.334 17.983 167.151
28351.729 32739.430 20.625 22262.814 35.271
1.014 14.824
1/21/2016 2:55:00 AM 227400.000 73.338 17.983 167.160
28366.705 32756.590 20.636 22274.480 35.253

1.014 14.820
1/21/2016 3:00:00 AM 227700.000 73.340 17.984 167.164
28363.070 32752.072 20.633 22271.412 35.257
1.014 14.817
1/21/2016 3:05:00 AM 228000.000 73.344 17.983 167.173
28361.910 32751.434 20.633 22270.975 35.259
1.014 14.816
1/21/2016 3:10:00 AM 228300.000 73.348 17.984 167.182
28341.480 32727.209 20.616 22254.504 35.284
1.014 14.816
1/21/2016 3:15:00 AM 228600.000 73.323 17.983 167.127
28342.967 32729.494 20.618 22256.059 35.282
1.014 14.815
1/21/2016 3:20:00 AM 228900.000 73.322 17.984 167.123
28337.115 32722.359 20.613 22251.205 35.289
1.014 14.818
1/21/2016 3:25:00 AM 229200.000 73.342 17.983 167.169
28346.502 32733.641 20.621 22258.877 35.278
1.014 14.821
1/21/2016 3:30:00 AM 229500.000 73.339 17.983 167.163
28364.840 32754.504 20.635 22273.064 35.255
1.014 14.824
1/21/2016 3:35:00 AM 229800.000 73.345 17.984 167.175
28351.639 32738.631 20.624 22262.270 35.271
1.014 14.822
1/21/2016 3:40:00 AM 230100.000 73.326 17.984 167.132
28360.611 32749.428 20.632 22269.613 35.260
1.014 14.820
1/21/2016 3:45:00 AM 230400.000 73.348 17.984 167.184
28353.736 32741.488 20.626 22264.213 35.269
1.014 14.817
1/21/2016 3:50:00 AM 230700.000 73.352 17.983 167.192
28347.936 32735.297 20.622 22260.002 35.276
1.014 14.818
1/21/2016 3:55:00 AM 231000.000 73.353 17.984 167.195
28346.820 32733.566 20.621 22258.828 35.277
1.014 14.819
1/21/2016 4:00:00 AM 231300.000 73.353 17.983 167.193
28329.340 32713.758 20.607 22245.355 35.299
1.014 14.820
1/21/2016 4:05:00 AM 231600.000 73.353 17.984 167.193
28362.848 32752.010 20.633 22271.367 35.257
1.014 14.818
1/21/2016 4:10:00 AM 231900.000 73.333 17.984 167.148
28340.035 32725.605 20.615 22253.412 35.286
1.014 14.817
1/21/2016 4:15:00 AM 232200.000 73.362 17.984 167.215
28326.543 32709.580 20.604 22242.518 35.303
1.014 14.816
1/21/2016 4:20:00 AM 232500.000 73.362 17.984 167.215
28353.486 32740.951 20.626 22263.850 35.269
1.014 14.815
1/21/2016 4:25:00 AM 232800.000 73.360 17.984 167.210
28336.893 32722.104 20.613 22251.031 35.290
1.014 14.814
1/21/2016 4:30:00 AM 233100.000 73.365 17.984 167.222
28356.816 32744.852 20.628 22266.500 35.265
1.014 14.814

1/21/2016 4:35:00 AM	233400.000	73.364	17.983	167.220
28363.855	32753.680	20.634	22272.502	35.256
1.014	14.814			
1/21/2016 4:40:00 AM	233700.000	73.368	17.984	167.229
28364.307	32753.693	20.635	22272.512	35.256
1.014	14.814			
1/21/2016 4:45:00 AM	234000.000	73.369	17.983	167.231
28348.340	32735.451	20.622	22260.109	35.275
1.014	14.815			
1/21/2016 4:50:00 AM	234300.000	73.349	17.984	167.185
28339.605	32724.857	20.615	22252.902	35.286
1.014	14.814			
1/21/2016 4:55:00 AM	234600.000	73.373	17.984	167.240
28372.398	32762.977	20.641	22278.826	35.246
1.014	14.813			
1/21/2016 5:00:00 AM	234900.000	73.377	17.984	167.250
28368.283	32758.039	20.638	22275.467	35.251
1.014	14.812			
1/21/2016 5:05:00 AM	235200.000	73.379	17.984	167.254
28352.189	32739.576	20.625	22262.912	35.271
1.014	14.810			
1/21/2016 5:10:00 AM	235500.000	73.383	17.984	167.263
28344.447	32730.254	20.618	22256.572	35.280
1.014	14.809			
1/21/2016 5:15:00 AM	235800.000	73.390	17.984	167.278
28366.518	32756.000	20.636	22274.080	35.253
1.014	14.807			
1/21/2016 5:20:00 AM	236100.000	73.373	17.983	167.239
28357.916	32746.756	20.630	22267.795	35.264
1.014	14.808			
1/21/2016 5:25:00 AM	236400.000	73.371	17.983	167.234
28342.801	32729.180	20.617	22255.842	35.282
1.014	14.809			
1/21/2016 5:30:00 AM	236700.000	73.397	17.984	167.295
28341.686	32727.139	20.616	22254.455	35.284
1.014	14.810			
1/21/2016 5:35:00 AM	237000.000	73.393	17.984	167.286
28327.453	32710.703	20.605	22243.281	35.301
1.014	14.809			
1/21/2016 5:40:00 AM	237300.000	73.397	17.983	167.294
28344.789	32731.598	20.619	22257.488	35.280
1.014	14.808			
1/21/2016 5:45:00 AM	237600.000	73.401	17.983	167.304
28354.695	32742.855	20.627	22265.145	35.268
1.014	14.808			
1/21/2016 5:50:00 AM	237900.000	73.406	17.984	167.316
28357.803	32746.250	20.629	22267.453	35.264
1.014	14.806			
1/21/2016 5:55:00 AM	238200.000	73.408	17.985	167.319
28380.238	32771.457	20.647	22284.594	35.236
1.014	14.804			
1/21/2016 6:00:00 AM	238500.000	73.388	17.983	167.274
28347.840	32734.938	20.621	22259.758	35.276
1.014	14.803			
1/21/2016 6:05:00 AM	238800.000	73.417	17.984	167.339
28343.807	32729.961	20.618	22256.375	35.281
1.014	14.801			
1/21/2016 6:10:00 AM	239100.000	73.422	17.983	167.351

28361.885 32751.092 20.633 22270.742 35.259
1.014 14.799
1/21/2016 6:15:00 AM 239400.000 73.408 17.984 167.319
28379.609 32771.117 20.647 22284.361 35.237
1.014 14.797
1/21/2016 6:20:00 AM 239700.000 73.422 17.985 167.350
28369.033 32758.463 20.638 22275.758 35.250
1.014 14.799
1/21/2016 6:25:00 AM 240000.000 73.432 17.984 167.373
28372.316 32762.943 20.641 22278.801 35.246
1.014 14.800
1/21/2016 6:30:00 AM 240300.000 73.408 17.985 167.319
28346.775 32732.375 20.620 22258.016 35.277
1.014 14.802
1/21/2016 6:35:00 AM 240600.000 73.429 17.984 167.367
28358.143 32746.328 20.629 22267.506 35.263
1.014 14.802
1/21/2016 6:40:00 AM 240900.000 73.435 17.985 167.381
28375.133 32765.506 20.643 22280.547 35.242
1.014 14.803
1/21/2016 6:45:00 AM 241200.000 73.434 17.985 167.379
28350.131 32736.314 20.622 22260.695 35.273
1.014 14.804
1/21/2016 6:50:00 AM 241500.000 73.443 17.984 167.398
28362.547 32751.727 20.633 22271.176 35.258
1.014 14.803
1/21/2016 6:55:00 AM 241800.000 73.428 17.983 167.364
28392.496 32786.371 20.657 22294.732 35.221
1.014 14.802
1/21/2016 7:00:00 AM 242100.000 73.432 17.984 167.373
28378.584 32769.672 20.646 22283.379 35.238
1.014 14.801
1/21/2016 7:05:00 AM 242400.000 73.430 17.985 167.370
28361.043 32748.730 20.631 22269.139 35.260
1.014 14.802
1/21/2016 7:10:00 AM 242700.000 73.454 17.984 167.424
28376.393 32767.143 20.644 22281.658 35.241
1.014 14.803
1/21/2016 7:15:00 AM 243000.000 73.455 17.985 167.426
28368.590 32757.951 20.637 22275.408 35.250
1.014 14.803
1/21/2016 7:20:00 AM 243300.000 73.435 17.986 167.382
28390.627 32782.699 20.655 22292.238 35.223
1.014 14.805
1/21/2016 7:25:00 AM 243600.000 73.458 17.985 167.434
28379.023 32769.551 20.646 22283.297 35.237
1.014 14.807
1/21/2016 7:30:00 AM 243900.000 73.460 17.985 167.437
28366.285 32755.031 20.635 22273.422 35.253
1.014 14.809
1/21/2016 7:35:00 AM 244200.000 73.442 17.985 167.398
28388.152 32780.598 20.653 22290.809 35.226
1.014 14.810
1/21/2016 7:40:00 AM 244500.000 73.440 17.985 167.393
28374.271 32764.512 20.642 22279.871 35.243
1.014 14.811
1/21/2016 7:45:00 AM 244800.000 73.457 17.986 167.431
28373.752 32763.213 20.641 22278.986 35.244

1.014 14.812
1/21/2016 7:50:00 AM 245100.000 73.465 17.984 167.449
28390.088 32783.031 20.655 22292.461 35.224
1.014 14.812
1/21/2016 7:55:00 AM 245400.000 73.468 17.984 167.457
28391.533 32784.887 20.656 22293.725 35.222
1.014 14.812
1/21/2016 8:00:00 AM 245700.000 73.473 17.984 167.468
28381.846 32773.387 20.648 22285.904 35.234
1.014 14.812
1/21/2016 8:05:00 AM 246000.000 73.474 17.985 167.471
28385.203 32776.930 20.651 22288.313 35.230
1.014 14.808
1/21/2016 8:10:00 AM 246300.000 73.477 17.985 167.476
28383.875 32775.027 20.649 22287.020 35.231
1.014 14.805
1/21/2016 8:15:00 AM 246600.000 73.463 17.985 167.444
28391.703 32784.254 20.656 22293.295 35.222
1.014 14.802
1/21/2016 8:20:00 AM 246900.000 73.484 17.986 167.492
28407.277 32801.664 20.668 22305.133 35.202
1.014 14.805
1/21/2016 8:25:00 AM 247200.000 73.480 17.985 167.484
28387.656 32779.395 20.652 22289.990 35.227
1.014 14.809
1/21/2016 8:30:00 AM 247500.000 73.481 17.985 167.486
28404.629 32799.059 20.666 22303.359 35.206
1.014 14.812
1/21/2016 8:35:00 AM 247800.000 73.461 17.985 167.440
28401.824 32796.070 20.664 22301.328 35.209
1.014 14.811
1/21/2016 8:40:00 AM 248100.000 73.466 17.985 167.452
28416.822 32813.441 20.676 22313.141 35.190
1.014 14.809
1/21/2016 8:45:00 AM 248400.000 73.491 17.986 167.508
28413.219 32808.402 20.672 22309.713 35.195
1.014 14.808
1/21/2016 8:50:00 AM 248700.000 73.488 17.986 167.502
28414.178 32809.512 20.673 22310.471 35.194
1.014 14.808
1/21/2016 8:55:00 AM 249000.000 73.490 17.986 167.507
28418.945 32814.895 20.677 22314.131 35.188
1.014 14.808
1/21/2016 9:00:00 AM 249300.000 73.492 17.987 167.512
28417.965 32813.500 20.676 22313.182 35.189
1.014 14.808
1/21/2016 9:05:00 AM 249600.000 73.495 17.985 167.519
28407.402 32802.195 20.668 22305.492 35.202
1.014 14.808
1/21/2016 9:10:00 AM 249900.000 73.497 17.986 167.522
28423.254 32820.305 20.681 22317.809 35.182
1.014 14.808
1/21/2016 9:15:00 AM 250200.000 73.498 17.985 167.524
28404.006 32798.715 20.666 22303.127 35.206
1.014 14.807
1/21/2016 9:20:00 AM 250500.000 73.491 17.986 167.508
28409.541 32804.539 20.670 22307.088 35.199
1.014 14.810

1/21/2016 9:25:00 AM 250800.000 73.493 17.985 167.513
28424.092 32821.719 20.682 22318.771 35.181
1.014 14.812
1/21/2016 9:30:00 AM 251100.000 73.490 17.985 167.506
28412.395 32808.086 20.672 22309.500 35.196
1.014 14.815
1/21/2016 9:35:00 AM 251400.000 73.078 17.985 166.566
28424.436 32821.988 20.682 22318.955 35.181
1.014 14.813
1/21/2016 9:40:00 AM 251700.000 73.072 17.986 166.553
28417.719 32813.352 20.676 22313.082 35.189
1.014 14.811
1/21/2016 9:45:00 AM 252000.000 73.106 17.986 166.631
28430.133 32828.055 20.686 22323.080 35.174
1.014 14.809
1/21/2016 9:50:00 AM 252300.000 72.550 17.988 165.363
28439.594 32837.781 20.693 22329.693 35.162
1.014 14.808
1/21/2016 9:55:00 AM 252600.000 72.551 17.997 165.365
28599.424 33015.563 20.816 22450.582 34.966
1.014 14.807
1/21/2016 10:00:00 AM 252900.000 72.540 18.030 165.340
29714.109 34277.418 21.695 23308.645 33.654
1.015 14.806
1/21/2016 10:05:00 AM 253200.000 72.534 18.044 165.328
29840.941 34412.977 21.790 23400.826 33.511
1.015 14.807
1/21/2016 10:10:00 AM 253500.000 72.530 18.049 165.319
29927.695 34509.234 21.857 23466.279 33.414
1.015 14.808
1/21/2016 10:15:00 AM 253800.000 72.527 18.052 165.312
29964.932 34549.766 21.886 23493.844 33.372
1.015 14.809
1/21/2016 10:20:00 AM 254100.000 72.522 18.055 165.301
29954.494 34536.000 21.876 23484.482 33.384
1.015 14.810
1/21/2016 10:25:00 AM 254400.000 72.519 18.056 165.294
29985.785 34570.613 21.900 23508.018 33.349
1.015 14.811
1/21/2016 10:30:00 AM 254700.000 72.522 18.058 165.301
29960.990 34540.961 21.880 23487.854 33.377
1.015 14.811
1/21/2016 10:35:00 AM 255000.000 72.520 18.060 165.296
30001.990 34586.754 21.912 23518.994 33.331
1.015 14.808
1/21/2016 10:40:00 AM 255300.000 72.520 18.061 165.296
30030.000 34618.313 21.934 23540.455 33.300
1.015 14.805
1/21/2016 10:45:00 AM 255600.000 72.521 18.062 165.298
29993.375 34575.164 21.904 23511.111 33.341
1.015 14.801
1/21/2016 10:50:00 AM 255900.000 72.514 18.063 165.282
29994.000 34575.414 21.904 23511.281 33.340
1.015 14.804
1/21/2016 10:55:00 AM 256200.000 72.511 18.063 165.275
30028.873 34615.281 21.932 23538.391 33.301
1.015 14.807
1/21/2016 11:00:00 AM 256500.000 72.510 18.065 165.272

29995.947 34575.793 21.904 23511.539 33.338
1.015 14.810
1/21/2016 11:05:00 AM 256800.000 72.504 18.065 165.260
30005.502 34586.680 21.912 23518.943 33.327
1.015 14.812
1/21/2016 11:10:00 AM 257100.000 72.522 18.067 165.299
29992.297 34569.848 21.900 23507.498 33.342
1.015 14.813
1/21/2016 11:15:00 AM 257400.000 72.494 18.067 165.236
30048.037 34634.098 21.945 23551.189 33.280
1.015 14.814
1/21/2016 11:20:00 AM 257700.000 72.494 18.069 165.236
30036.818 34620.102 21.935 23541.672 33.292
1.015 14.813
1/21/2016 11:25:00 AM 258000.000 72.507 18.069 165.265
29996.309 34572.816 21.902 23509.518 33.337
1.015 14.812
1/21/2016 11:30:00 AM 258300.000 72.484 18.069 165.213
30049.650 34634.625 21.946 23551.547 33.278
1.015 14.810
1/21/2016 11:35:00 AM 258600.000 72.487 18.070 165.219
30034.084 34615.754 21.932 23538.713 33.296
1.015 14.805
1/21/2016 11:40:00 AM 258900.000 72.856 18.069 166.062
30067.980 34655.953 21.960 23566.049 33.258
1.015 14.800
1/21/2016 11:45:00 AM 259200.000 73.448 18.036 167.411
30254.744 34896.508 22.127 23729.625 33.053
1.015 14.795
1/21/2016 11:50:00 AM 259500.000 73.424 18.000 167.356
28707.893 33138.484 20.902 22534.170 34.834
1.015 14.795
1/21/2016 11:55:00 AM 259800.000 73.451 17.988 167.418
28401.156 32793.086 20.662 22299.299 35.210
1.014 14.794
1/21/2016 12:00:00 PM 260100.000 73.420 17.986 167.347
28373.598 32762.533 20.641 22278.523 35.244
1.014 14.793
1/21/2016 12:05:00 PM 260400.000 73.444 17.985 167.401
28344.697 32730.289 20.618 22256.600 35.280
1.014 14.792
1/21/2016 12:10:00 PM 260700.000 73.426 17.986 167.361
28326.561 32708.273 20.603 22241.629 35.303
1.014 14.791
1/21/2016 12:15:00 PM 261000.000 73.442 17.985 167.397
28332.008 32715.137 20.608 22246.295 35.296
1.014 14.789
1/21/2016 12:20:00 PM 261300.000 73.436 17.985 167.383
28322.996 32705.357 20.601 22239.643 35.307
1.014 14.789
1/21/2016 12:25:00 PM 261600.000 73.430 17.985 167.369
28317.012 32698.006 20.596 22234.646 35.314
1.014 14.790
1/21/2016 12:30:00 PM 261900.000 73.429 17.984 167.367
28320.875 32703.035 20.599 22238.066 35.310
1.014 14.790
1/21/2016 12:35:00 PM 262200.000 73.421 17.984 167.350
28305.291 32685.232 20.587 22225.959 35.329

1.014 14.791
1/21/2016 12:40:00 PM 262500.000 73.413 17.985 167.330
28313.613 32694.148 20.593 22232.023 35.319
1.014 14.792
1/21/2016 12:45:00 PM 262800.000 73.410 17.984 167.323
28309.953 32690.869 20.591 22229.791 35.323
1.014 14.793
1/21/2016 12:50:00 PM 263100.000 73.413 17.985 167.332
28306.895 32686.389 20.588 22226.746 35.327
1.014 14.793
1/21/2016 12:55:00 PM 263400.000 73.430 17.985 167.369
28322.631 32704.309 20.600 22238.932 35.307
1.014 14.792
1/21/2016 1:00:00 PM 263700.000 73.424 17.986 167.355
28315.432 32695.676 20.594 22233.061 35.316
1.014 14.791
1/21/2016 1:05:00 PM 264000.000 73.425 17.984 167.359
28323.686 32706.227 20.602 22240.236 35.306
1.014 14.790
1/21/2016 1:10:00 PM 264300.000 73.404 17.984 167.309
28326.547 32709.656 20.604 22242.566 35.303
1.014 14.789
1/21/2016 1:15:00 PM 264600.000 73.420 17.984 167.346
28306.422 32686.479 20.588 22226.807 35.328
1.014 14.788
1/21/2016 1:20:00 PM 264900.000 73.414 17.984 167.332
28300.908 32679.924 20.583 22222.350 35.335
1.014 14.788
1/21/2016 1:25:00 PM 265200.000 73.406 17.984 167.316
28319.873 32702.324 20.599 22237.582 35.311
1.014 14.788
1/21/2016 1:30:00 PM 265500.000 73.404 17.984 167.311
28314.434 32695.855 20.594 22233.184 35.318
1.014 14.787
1/21/2016 1:35:00 PM 265800.000 73.398 17.985 167.297
28314.766 32695.414 20.594 22232.881 35.317
1.014 14.784
1/21/2016 1:40:00 PM 266100.000 73.401 17.984 167.303
28308.914 32689.355 20.590 22228.764 35.325
1.014 14.780
1/21/2016 1:45:00 PM 266400.000 73.394 17.984 167.289
28318.281 32700.111 20.597 22236.076 35.313
1.014 14.777
1/21/2016 1:50:00 PM 266700.000 73.393 17.985 167.286
28316.250 32697.512 20.596 22234.311 35.315
1.014 14.777
1/21/2016 1:55:00 PM 267000.000 73.386 17.985 167.269
28313.811 32694.311 20.593 22232.133 35.318
1.014 14.777
1/21/2016 2:00:00 PM 267300.000 73.382 17.985 167.261
28308.266 32688.293 20.589 22228.041 35.325
1.014 14.778
1/21/2016 2:05:00 PM 267600.000 73.381 17.984 167.259
28297.742 32676.395 20.581 22219.949 35.339
1.014 14.778
1/21/2016 2:10:00 PM 267900.000 73.371 17.984 167.234
28296.570 32675.281 20.580 22219.193 35.340
1.014 14.778

1/21/2016 2:15:00 PM	268200.000	73.348	17.984	167.183
28315.186	32696.846	20.595	22233.855	35.317
1.014	14.778			
1/21/2016 2:20:00 PM	268500.000	73.365	17.984	167.222
28297.627	32676.502	20.581	22220.021	35.339
1.014	14.774			
1/21/2016 2:25:00 PM	268800.000	73.368	17.984	167.229
28316.818	32698.922	20.597	22235.270	35.315
1.014	14.771			
1/21/2016 2:30:00 PM	269100.000	73.362	17.984	167.215
28300.943	32680.092	20.584	22222.463	35.335
1.014	14.768			
1/21/2016 2:35:00 PM	269400.000	73.339	17.983	167.161
28304.943	32685.402	20.587	22226.076	35.330
1.014	14.766			
1/21/2016 2:40:00 PM	269700.000	73.336	17.983	167.155
28306.014	32686.822	20.588	22227.039	35.328
1.014	14.764			
1/21/2016 2:45:00 PM	270000.000	73.351	17.984	167.189
28308.939	32689.445	20.590	22228.822	35.325
1.014	14.763			
1/21/2016 2:50:00 PM	270300.000	73.351	17.983	167.190
28308.322	32689.553	20.590	22228.896	35.325
1.014	14.763			
1/21/2016 2:55:00 PM	270600.000	73.343	17.983	167.171
28312.900	32695.025	20.594	22232.619	35.320
1.014	14.764			
1/21/2016 3:00:00 PM	270900.000	73.338	17.983	167.160
28290.375	32668.828	20.576	22214.803	35.348
1.014	14.765			
1/21/2016 3:05:00 PM	271200.000	73.320	17.983	167.119
28299.178	32678.613	20.582	22221.459	35.337
1.014	14.767			
1/21/2016 3:10:00 PM	271500.000	73.307	17.984	167.090
28298.256	32677.361	20.582	22220.605	35.338
1.014	14.768			
1/21/2016 3:15:00 PM	271800.000	73.305	17.983	167.086
28306.953	32688.037	20.589	22227.867	35.327
1.014	14.770			
1/21/2016 3:20:00 PM	272100.000	73.308	17.983	167.091
28308.043	32689.164	20.590	22228.633	35.326
1.014	14.766			
1/21/2016 3:25:00 PM	272400.000	73.326	17.983	167.132
28298.918	32678.570	20.582	22221.428	35.337
1.014	14.763			
1/21/2016 3:30:00 PM	272700.000	73.322	17.983	167.123
28296.277	32675.709	20.580	22219.484	35.340
1.014	14.760			
1/21/2016 3:35:00 PM	273000.000	73.301	17.984	167.075
28308.666	32689.195	20.590	22228.652	35.325
1.014	14.762			
1/21/2016 3:40:00 PM	273300.000	73.314	17.983	167.105
28316.367	32699.156	20.597	22235.426	35.315
1.014	14.764			
1/21/2016 3:45:00 PM	273600.000	73.303	17.983	167.079
28305.340	32686.174	20.588	22226.600	35.329
1.014	14.765			
1/21/2016 3:50:00 PM	273900.000	73.309	17.983	167.094

28289.604 32667.689 20.575 22214.031 35.349
1.014 14.763
1/21/2016 3:55:00 PM 274200.000 73.306 17.983 167.088
28304.781 32685.150 20.587 22225.902 35.330
1.014 14.760
1/21/2016 4:00:00 PM 274500.000 73.287 17.982 167.043
28317.391 32700.777 20.598 22236.531 35.314
1.014 14.757
1/21/2016 4:05:00 PM 274800.000 73.303 17.983 167.080
28312.379 32694.115 20.593 22231.998 35.320
1.014 14.758
1/21/2016 4:10:00 PM 275100.000 73.297 17.983 167.066
28284.162 32661.467 20.571 22209.799 35.355
1.014 14.759
1/21/2016 4:15:00 PM 275400.000 73.295 17.982 167.063
28309.584 32691.395 20.591 22230.150 35.324
1.014 14.761
1/21/2016 4:20:00 PM 275700.000 73.295 17.982 167.062
28314.977 32698.057 20.596 22234.680 35.317
1.014 14.758
1/21/2016 4:25:00 PM 276000.000 73.280 17.982 167.028
28308.660 32690.381 20.591 22229.459 35.325
1.014 14.755
1/21/2016 4:30:00 PM 276300.000 73.299 17.983 167.071
28313.666 32695.850 20.594 22233.180 35.319
1.014 14.751
1/21/2016 4:35:00 PM 276600.000 73.290 17.984 167.050
28299.742 32678.945 20.583 22221.686 35.336
1.014 14.751
1/21/2016 4:40:00 PM 276900.000 73.292 17.982 167.055
28302.398 32683.283 20.586 22224.635 35.333
1.014 14.751
1/21/2016 4:45:00 PM 277200.000 73.288 17.983 167.045
28300.586 32680.877 20.584 22222.998 35.335
1.014 14.751
1/21/2016 4:50:00 PM 277500.000 73.292 17.984 167.055
28311.205 32692.182 20.592 22230.684 35.322
1.014 14.750
1/21/2016 4:55:00 PM 277800.000 73.290 17.984 167.051
28308.697 32689.232 20.590 22228.680 35.325
1.014 14.749
1/21/2016 5:00:00 PM 278100.000 73.289 17.984 167.047
28314.373 32695.721 20.594 22233.092 35.318
1.014 14.748
1/21/2016 5:05:00 PM 278400.000 73.265 17.982 166.992
28324.238 32708.316 20.603 22241.658 35.305
1.014 14.748
1/21/2016 5:10:00 PM 278700.000 73.283 17.982 167.035
28304.070 32685.152 20.587 22225.904 35.331
1.014 14.749
1/21/2016 5:15:00 PM 279000.000 73.281 17.983 167.030
28304.580 32685.230 20.587 22225.957 35.330
1.014 14.750
1/21/2016 5:20:00 PM 279300.000 73.283 17.983 167.034
28300.338 32680.020 20.583 22222.416 35.335
1.014 14.749
1/21/2016 5:25:00 PM 279600.000 73.262 17.983 166.986
28304.955 32685.977 20.588 22226.465 35.330

1.014 14.747
1/21/2016 5:30:00 PM 279900.000 73.287 17.983 167.043
28308.719 32690.322 20.591 22229.422 35.325
1.014 14.746
1/21/2016 5:35:00 PM 280200.000 73.282 17.983 167.033
28293.617 32672.697 20.578 22217.434 35.344
1.014 14.748
1/21/2016 5:40:00 PM 280500.000 73.284 17.984 167.037
28321.822 32704.574 20.600 22239.113 35.308
1.014 14.749
1/21/2016 5:45:00 PM 280800.000 73.262 17.983 166.987
28313.355 32695.117 20.594 22232.682 35.319
1.014 14.751
1/21/2016 5:50:00 PM 281100.000 73.283 17.981 167.034
28324.121 32708.936 20.603 22242.076 35.306
1.014 14.750
1/21/2016 5:55:00 PM 281400.000 73.272 17.982 167.009
28298.250 32678.307 20.582 22221.248 35.338
1.014 14.749
1/21/2016 6:00:00 PM 281700.000 73.286 17.982 167.042
28294.488 32673.963 20.579 22218.297 35.343
1.014 14.747
1/21/2016 6:05:00 PM 282000.000 73.286 17.983 167.041
28300.607 32680.957 20.584 22223.051 35.335
1.014 14.749
1/21/2016 6:10:00 PM 282300.000 73.288 17.984 167.046
28302.250 32682.035 20.585 22223.783 35.333
1.014 14.750
1/21/2016 6:15:00 PM 282600.000 73.286 17.982 167.042
28305.973 32687.410 20.589 22227.439 35.328
1.014 14.752
1/21/2016 6:20:00 PM 282900.000 73.284 17.983 167.037
28320.633 32704.082 20.600 22238.777 35.310
1.014 14.752
1/21/2016 6:25:00 PM 283200.000 73.266 17.982 166.995
28310.783 32693.021 20.592 22231.254 35.322
1.014 14.752
1/21/2016 6:30:00 PM 283500.000 73.293 17.983 167.057
28318.033 32700.645 20.598 22236.441 35.313
1.014 14.753
1/21/2016 6:35:00 PM 283800.000 73.271 17.984 167.007
28326.512 32710.115 20.604 22242.879 35.303
1.014 14.753
1/21/2016 6:40:00 PM 284100.000 73.298 17.983 167.069
28288.799 32666.820 20.574 22213.438 35.350
1.014 14.753
1/21/2016 6:45:00 PM 284400.000 73.300 17.983 167.073
28301.705 32681.598 20.585 22223.488 35.334
1.014 14.752
1/21/2016 6:50:00 PM 284700.000 73.275 17.982 167.015
28311.920 32694.592 20.593 22232.322 35.321
1.014 14.753
1/21/2016 6:55:00 PM 285000.000 73.302 17.983 167.078
28308.043 32688.850 20.590 22228.418 35.326
1.014 14.754
1/21/2016 7:00:00 PM 285300.000 73.296 17.983 167.065
28299.039 32678.959 20.583 22221.693 35.337
1.014 14.755

1/21/2016 7:05:00 PM	285600.000	73.298	17.982	167.069
28317.559	32700.918	20.598	22236.625	35.314
1.014	14.756			
1/21/2016 7:10:00 PM	285900.000	73.295	17.982	167.063
28297.432	32677.547	20.582	22220.734	35.339
1.014	14.758			
1/21/2016 7:15:00 PM	286200.000	73.303	17.982	167.081
28316.910	32699.854	20.597	22235.900	35.315
1.014	14.760			
1/21/2016 7:20:00 PM	286500.000	73.302	17.983	167.079
28306.279	32687.381	20.589	22227.420	35.328
1.014	14.759			
1/21/2016 7:25:00 PM	286800.000	73.287	17.983	167.044
28310.838	32692.645	20.592	22230.998	35.322
1.014	14.759			
1/21/2016 7:30:00 PM	287100.000	73.309	17.983	167.093
28302.652	32683.318	20.586	22224.656	35.332
1.014	14.758			
1/21/2016 7:35:00 PM	287400.000	73.304	17.984	167.082
28299.826	32679.041	20.583	22221.748	35.336
1.014	14.758			
1/21/2016 7:40:00 PM	287700.000	73.295	17.982	167.061
28309.244	32691.371	20.591	22230.133	35.324
1.014	14.758			
1/21/2016 7:45:00 PM	288000.000	73.318	17.983	167.115
28327.115	32711.514	20.605	22243.832	35.302
1.014	14.758			
1/21/2016 7:50:00 PM	288300.000	73.323	17.984	167.125
28314.885	32696.625	20.595	22233.705	35.317
1.014	14.761			
1/21/2016 7:55:00 PM	288600.000	73.324	17.982	167.127
28305.584	32687.145	20.588	22227.258	35.329
1.014	14.763			
1/21/2016 8:00:00 PM	288900.000	73.323	17.983	167.125
28298.352	32678.104	20.582	22221.113	35.338
1.014	14.766			
1/21/2016 8:05:00 PM	289200.000	73.323	17.984	167.126
28288.523	32666.057	20.574	22212.920	35.350
1.014	14.766			
1/21/2016 8:10:00 PM	289500.000	73.325	17.983	167.131
28302.166	32682.701	20.585	22224.238	35.333
1.014	14.766			
1/21/2016 8:15:00 PM	289800.000	73.328	17.982	167.137
28318.553	32701.752	20.598	22237.191	35.313
1.014	14.766			
1/21/2016 8:20:00 PM	290100.000	73.335	17.984	167.152
28299.258	32678.205	20.582	22221.180	35.337
1.014	14.766			
1/21/2016 8:25:00 PM	290400.000	73.335	17.982	167.153
28318.963	32702.539	20.599	22237.729	35.312
1.014	14.767			
1/21/2016 8:30:00 PM	290700.000	73.317	17.983	167.111
28320.297	32703.000	20.599	22238.043	35.310
1.014	14.767			
1/21/2016 8:35:00 PM	291000.000	73.340	17.982	167.163
28311.967	32694.709	20.594	22232.402	35.321
1.014	14.766			
1/21/2016 8:40:00 PM	291300.000	73.342	17.983	167.168

28308.205 32689.604 20.590 22228.932 35.325
1.014 14.764
1/21/2016 8:45:00 PM 291600.000 73.346 17.983 167.179
28289.348 32667.707 20.575 22214.043 35.349
1.014 14.763
1/21/2016 8:50:00 PM 291900.000 73.344 17.983 167.173
28301.465 32681.760 20.585 22223.598 35.334
1.014 14.762
1/21/2016 8:55:00 PM 292200.000 73.348 17.981 167.184
28313.867 32697.033 20.595 22233.984 35.318
1.014 14.761
1/21/2016 9:00:00 PM 292500.000 73.351 17.983 167.190
28317.721 32700.219 20.597 22236.148 35.314
1.014 14.760
1/21/2016 9:05:00 PM 292800.000 73.334 17.982 167.151
28298.844 32679.490 20.583 22222.053 35.337
1.014 14.761
1/21/2016 9:10:00 PM 293100.000 73.360 17.982 167.211
28314.797 32697.783 20.596 22234.494 35.317
1.014 14.762
1/21/2016 9:15:00 PM 293400.000 73.362 17.983 167.215
28297.762 32677.170 20.581 22220.479 35.338
1.014 14.763
1/21/2016 9:20:00 PM 293700.000 73.342 17.982 167.169
28298.885 32679.039 20.583 22221.746 35.337
1.014 14.766
1/21/2016 9:25:00 PM 294000.000 73.363 17.982 167.217
28321.873 32706.020 20.601 22240.096 35.308
1.014 14.770
1/21/2016 9:30:00 PM 294300.000 73.365 17.984 167.221
28306.777 32686.889 20.588 22227.086 35.327
1.014 14.773
1/21/2016 9:35:00 PM 294600.000 73.361 17.984 167.212
28315.527 32696.932 20.595 22233.916 35.316
1.014 14.771
1/21/2016 9:40:00 PM 294900.000 73.344 17.984 167.173
28297.152 32675.900 20.581 22219.613 35.339
1.014 14.770
1/21/2016 9:45:00 PM 295200.000 73.354 17.984 167.197
28310.260 32691.158 20.591 22229.990 35.323
1.014 14.768
1/21/2016 9:50:00 PM 295500.000 73.371 17.984 167.235
28309.078 32689.484 20.590 22228.852 35.324
1.014 14.769
1/21/2016 9:55:00 PM 295800.000 73.370 17.983 167.234
28305.992 32686.861 20.588 22227.068 35.328
1.014 14.771
1/21/2016 10:00:00 PM 296100.000 73.376 17.983 167.246
28335.307 32720.525 20.612 22249.959 35.292
1.014 14.772
1/21/2016 10:05:00 PM 296400.000 73.379 17.983 167.253
28320.057 32703.416 20.600 22238.322 35.311
1.014 14.771
1/21/2016 10:10:00 PM 296700.000 73.382 17.983 167.261
28306.898 32688.096 20.589 22227.906 35.327
1.014 14.771
1/21/2016 10:15:00 PM 297000.000 73.364 17.983 167.220
28308.631 32690.168 20.590 22229.314 35.325

1.014 14.770
1/21/2016 10:20:00 PM 297300.000 73.363 17.984 167.217
28296.580 32675.486 20.580 22219.332 35.340
1.014 14.769
1/21/2016 10:25:00 PM 297600.000 73.387 17.982 167.272
28315.781 32699.051 20.597 22235.357 35.316
1.014 14.768
1/21/2016 10:30:00 PM 297900.000 73.386 17.983 167.270
28302.148 32682.424 20.585 22224.051 35.333
1.014 14.767
1/21/2016 10:35:00 PM 298200.000 73.389 17.983 167.277
28295.570 32674.641 20.580 22218.758 35.341
1.014 14.768
1/21/2016 10:40:00 PM 298500.000 73.392 17.983 167.283
28301.967 32681.834 20.585 22223.648 35.333
1.014 14.768
1/21/2016 10:45:00 PM 298800.000 73.387 17.983 167.272
28324.121 32708.055 20.603 22241.479 35.306
1.014 14.769
1/21/2016 10:50:00 PM 299100.000 73.396 17.983 167.292
28301.979 32682.105 20.585 22223.834 35.333
1.014 14.768
1/21/2016 10:55:00 PM 299400.000 73.378 17.983 167.251
28294.684 32673.867 20.579 22218.230 35.342
1.014 14.767
1/21/2016 11:00:00 PM 299700.000 73.379 17.982 167.254
28322.113 32706.426 20.602 22240.369 35.308
1.014 14.765
1/21/2016 11:05:00 PM 300000.000 73.401 17.983 167.302
28321.727 32704.783 20.601 22239.252 35.309
1.014 14.767
1/21/2016 11:10:00 PM 300300.000 73.378 17.982 167.250
28286.051 32664.461 20.573 22211.836 35.353
1.014 14.768
1/21/2016 11:15:00 PM 300600.000 73.397 17.983 167.295
28314.209 32696.416 20.595 22233.564 35.318
1.014 14.769
1/21/2016 11:20:00 PM 300900.000 73.398 17.984 167.298
28312.053 32693.420 20.593 22231.527 35.321
1.014 14.768
1/21/2016 11:25:00 PM 301200.000 73.384 17.983 167.265
28315.676 32698.109 20.596 22234.717 35.316
1.014 14.767
1/21/2016 11:30:00 PM 301500.000 73.409 17.984 167.321
28306.715 32687.064 20.588 22227.203 35.327
1.014 14.766
1/21/2016 11:35:00 PM 301800.000 73.402 17.983 167.307
28334.943 32720.293 20.611 22249.799 35.292
1.014 14.767
1/21/2016 11:40:00 PM 302100.000 73.402 17.984 167.306
28330.809 32715.078 20.608 22246.256 35.297
1.014 14.768
1/21/2016 11:45:00 PM 302400.000 73.403 17.983 167.308
28306.727 32687.836 20.589 22227.730 35.327
1.014 14.769
1/21/2016 11:50:00 PM 302700.000 73.405 17.982 167.312
28309.990 32692.297 20.592 22230.762 35.323
1.014 14.769

1/21/2016 11:55:00 PM 303000.000 73.382 17.984 167.260
28318.203 32700.330 20.598 22236.225 35.313
1.014 14.768
1/22/2016 12:00:00 AM 303300.000 73.402 17.984 167.305
28307.896 32688.049 20.589 22227.875 35.326
1.014 14.768
1/22/2016 12:05:00 AM 303600.000 73.401 17.983 167.303
28294.744 32673.998 20.579 22218.318 35.342
1.014 14.767
1/22/2016 12:10:00 AM 303900.000 73.401 17.984 167.304
28297.764 32676.854 20.581 22220.260 35.338
1.014 14.766
1/22/2016 12:15:00 AM 304200.000 73.402 17.984 167.306
28297.404 32676.504 20.581 22220.023 35.339
1.014 14.765
1/22/2016 12:20:00 AM 304500.000 73.405 17.982 167.313
28305.609 32687.174 20.588 22227.279 35.329
1.014 14.765
1/22/2016 12:25:00 AM 304800.000 73.409 17.983 167.321
28307.998 32689.178 20.590 22228.641 35.326
1.014 14.766
1/22/2016 12:30:00 AM 305100.000 73.402 17.983 167.305
28320.955 32704.074 20.600 22238.773 35.310
1.014 14.766
1/22/2016 12:35:00 AM 305400.000 73.403 17.983 167.309
28313.131 32694.918 20.594 22232.545 35.319
1.014 14.769
1/22/2016 12:40:00 AM 305700.000 73.383 17.983 167.263
28320.162 32703.160 20.599 22238.150 35.311
1.014 14.772
1/22/2016 12:45:00 AM 306000.000 73.378 17.983 167.252
28313.332 32695.090 20.594 22232.664 35.319
1.014 14.774
1/22/2016 12:50:00 AM 306300.000 73.398 17.982 167.296
28292.348 32671.988 20.578 22216.953 35.345
1.014 14.774
1/22/2016 12:55:00 AM 306600.000 73.399 17.984 167.300
28314.889 32696.629 20.595 22233.707 35.317
1.014 14.773
1/22/2016 1:00:00 AM 306900.000 73.381 17.984 167.258
28306.369 32686.418 20.588 22226.766 35.328
1.014 14.772
1/22/2016 1:05:00 AM 307200.000 73.401 17.982 167.304
28320.350 32704.141 20.600 22238.816 35.310
1.014 14.774
1/22/2016 1:10:00 AM 307500.000 73.382 17.984 167.260
28310.580 32691.719 20.592 22230.369 35.322
1.014 14.775
1/22/2016 1:15:00 AM 307800.000 73.399 17.983 167.299
28301.684 32682.145 20.585 22223.859 35.334
1.014 14.777
1/22/2016 1:20:00 AM 308100.000 73.398 17.984 167.296
28332.236 32716.227 20.609 22247.035 35.295
1.014 14.777
1/22/2016 1:25:00 AM 308400.000 73.381 17.982 167.258
28315.549 32698.910 20.596 22235.260 35.316
1.014 14.777
1/22/2016 1:30:00 AM 308700.000 73.391 17.983 167.281

28328.625 32712.998 20.606 22244.840 35.300
1.014 14.778
1/22/2016 1:35:00 AM 309000.000 73.389 17.983 167.277
28302.557 32682.646 20.585 22224.201 35.332
1.014 14.776
1/22/2016 1:40:00 AM 309300.000 73.390 17.983 167.279
28329.975 32714.369 20.607 22245.773 35.298
1.014 14.775
1/22/2016 1:45:00 AM 309600.000 73.393 17.984 167.286
28324.449 32707.422 20.602 22241.049 35.305
1.014 14.773
1/22/2016 1:50:00 AM 309900.000 73.377 17.984 167.249
28309.205 32689.818 20.590 22229.076 35.324
1.014 14.770
1/22/2016 1:55:00 AM 310200.000 73.395 17.983 167.291
28311.418 32693.193 20.593 22231.373 35.321
1.014 14.766
1/22/2016 2:00:00 AM 310500.000 73.373 17.984 167.240
28333.916 32718.539 20.610 22248.607 35.293
1.014 14.763
1/22/2016 2:05:00 AM 310800.000 73.399 17.984 167.298
28314.342 32695.998 20.595 22233.279 35.318
1.014 14.757
1/22/2016 2:10:00 AM 311100.000 73.384 17.982 167.264
28312.371 32695.176 20.594 22232.721 35.320
1.014 14.751
1/22/2016 2:15:00 AM 311400.000 73.389 17.982 167.276
28314.994 32697.957 20.596 22234.611 35.317
1.014 14.745
1/22/2016 2:20:00 AM 311700.000 73.401 17.983 167.304
28317.400 32700.295 20.597 22236.203 35.314
1.014 14.748
1/22/2016 2:25:00 AM 312000.000 73.401 17.983 167.303
28313.125 32694.912 20.594 22232.543 35.319
1.014 14.750
1/22/2016 2:30:00 AM 312300.000 73.397 17.983 167.295
28322.461 32706.191 20.602 22240.211 35.308
1.014 14.753
1/22/2016 2:35:00 AM 312600.000 73.396 17.981 167.293
28315.639 32699.141 20.597 22235.416 35.316
1.014 14.749
1/22/2016 2:40:00 AM 312900.000 73.398 17.983 167.296
28306.332 32687.133 20.588 22227.252 35.328
1.014 14.745
1/22/2016 2:45:00 AM 313200.000 73.387 17.984 167.272
28303.307 32683.061 20.586 22224.482 35.332
1.014 14.741
1/22/2016 2:50:00 AM 313500.000 73.400 17.983 167.301
28301.129 32681.371 20.584 22223.334 35.334
1.014 14.743
1/22/2016 2:55:00 AM 313800.000 73.396 17.983 167.291
28319.422 32702.057 20.599 22237.400 35.311
1.014 14.745
1/22/2016 3:00:00 AM 314100.000 73.372 17.983 167.238
28307.066 32688.037 20.589 22227.867 35.327
1.014 14.747
1/22/2016 3:05:00 AM 314400.000 73.396 17.983 167.293
28341.314 32727.650 20.616 22254.805 35.284

1.014 14.745
1/22/2016 3:10:00 AM 314700.000 73.398 17.983 167.296
28303.641 32684.332 20.586 22225.348 35.331
1.014 14.743
1/22/2016 3:15:00 AM 315000.000 73.403 17.982 167.308
28301.588 32682.529 20.585 22224.123 35.334
1.014 14.741
1/22/2016 3:20:00 AM 315300.000 73.379 17.983 167.254
28324.070 32707.490 20.602 22241.094 35.306
1.014 14.742
1/22/2016 3:25:00 AM 315600.000 73.402 17.982 167.306
28306.283 32687.826 20.589 22227.725 35.328
1.014 14.744
1/22/2016 3:30:00 AM 315900.000 73.403 17.984 167.308
28319.861 32701.998 20.599 22237.359 35.311
1.014 14.746
1/22/2016 3:35:00 AM 316200.000 73.399 17.983 167.299
28314.076 32696.076 20.595 22233.334 35.318
1.014 14.745
1/22/2016 3:40:00 AM 316500.000 73.405 17.982 167.313
28327.547 32712.572 20.606 22244.551 35.301
1.014 14.744
1/22/2016 3:45:00 AM 316800.000 73.388 17.982 167.275
28314.588 32697.172 20.595 22234.078 35.317
1.014 14.743
1/22/2016 3:50:00 AM 317100.000 73.401 17.984 167.303
28317.344 32699.338 20.597 22235.553 35.314
1.014 14.745
1/22/2016 3:55:00 AM 317400.000 73.406 17.983 167.316
28307.430 32688.141 20.589 22227.936 35.326
1.014 14.746
1/22/2016 4:00:00 AM 317700.000 73.404 17.982 167.310
28326.092 32710.645 20.605 22243.238 35.303
1.014 14.747
1/22/2016 4:05:00 AM 318000.000 73.403 17.984 167.309
28317.305 32699.045 20.597 22235.354 35.314
1.014 14.747
1/22/2016 4:10:00 AM 318300.000 73.405 17.982 167.313
28304.217 32685.250 20.587 22225.971 35.330
1.014 14.747
1/22/2016 4:15:00 AM 318600.000 73.407 17.982 167.316
28306.605 32688.582 20.589 22228.236 35.327
1.014 14.747
1/22/2016 4:20:00 AM 318900.000 73.387 17.982 167.271
28321.674 32705.598 20.601 22239.807 35.309
1.014 14.747
1/22/2016 4:25:00 AM 319200.000 73.411 17.983 167.326
28315.080 32697.355 20.595 22234.201 35.317
1.014 14.748
1/22/2016 4:30:00 AM 319500.000 73.390 17.983 167.279
28321.543 32704.506 20.600 22239.064 35.309
1.014 14.748
1/22/2016 4:35:00 AM 319800.000 73.408 17.982 167.320
28316.348 32699.705 20.597 22235.799 35.315
1.014 14.745
1/22/2016 4:40:00 AM 320100.000 73.413 17.982 167.331
28321.826 32705.773 20.601 22239.928 35.308
1.014 14.741

1/22/2016 4:45:00 AM	320400.000	73.399	17.984	167.299
28306.900	32687.344	20.589	22227.396	35.327
1.014	14.738			
1/22/2016 4:50:00 AM	320700.000	73.423	17.982	167.354
28328.307	32713.068	20.606	22244.889	35.300
1.014	14.739			
1/22/2016 4:55:00 AM	321000.000	73.420	17.982	167.347
28317.643	32700.943	20.598	22236.643	35.314
1.014	14.740			
1/22/2016 5:00:00 AM	321300.000	73.426	17.982	167.361
28312.670	32695.012	20.594	22232.609	35.320
1.014	14.741			
1/22/2016 5:05:00 AM	321600.000	73.425	17.983	167.359
28329.154	32713.674	20.607	22245.301	35.299
1.014	14.741			
1/22/2016 5:10:00 AM	321900.000	73.427	17.983	167.362
28327.943	32711.830	20.605	22244.045	35.301
1.014	14.741			
1/22/2016 5:15:00 AM	322200.000	73.429	17.984	167.368
28321.373	32703.869	20.600	22238.633	35.309
1.014	14.740			
1/22/2016 5:20:00 AM	322500.000	73.436	17.983	167.383
28324.586	32708.020	20.603	22241.455	35.305
1.014	14.741			
1/22/2016 5:25:00 AM	322800.000	73.439	17.984	167.390
28325.387	32708.816	20.603	22241.996	35.304
1.014	14.741			
1/22/2016 5:30:00 AM	323100.000	73.439	17.983	167.390
28323.332	32706.572	20.602	22240.469	35.307
1.014	14.742			
1/22/2016 5:35:00 AM	323400.000	73.422	17.983	167.351
28330.061	32714.654	20.607	22245.967	35.298
1.014	14.742			
1/22/2016 5:40:00 AM	323700.000	73.441	17.984	167.394
28304.984	32684.998	20.587	22225.799	35.329
1.014	14.743			
1/22/2016 5:45:00 AM	324000.000	73.445	17.984	167.404
28320.273	32702.340	20.599	22237.592	35.310
1.014	14.744			
1/22/2016 5:50:00 AM	324300.000	73.445	17.983	167.404
28310.133	32691.709	20.592	22230.363	35.323
1.014	14.744			
1/22/2016 5:55:00 AM	324600.000	73.448	17.983	167.410
28337.527	32723.404	20.613	22251.916	35.289
1.014	14.745			
1/22/2016 6:00:00 AM	324900.000	73.454	17.982	167.424
28305.072	32686.371	20.588	22226.734	35.329
1.014	14.746			
1/22/2016 6:05:00 AM	325200.000	73.455	17.983	167.427
28320.416	32703.332	20.600	22238.266	35.310
1.014	14.746			
1/22/2016 6:10:00 AM	325500.000	73.455	17.983	167.427
28327.645	32711.744	20.605	22243.988	35.301
1.014	14.746			
1/22/2016 6:15:00 AM	325800.000	73.459	17.983	167.435
28314.023	32695.822	20.594	22233.162	35.318
1.014	14.746			
1/22/2016 6:20:00 AM	326100.000	73.462	17.982	167.442

28313.563 32696.115 20.595 22233.359 35.319
1.014 14.747
1/22/2016 6:25:00 AM 326400.000 73.470 17.983 167.462
28306.969 32687.609 20.589 22227.576 35.327
1.014 14.747
1/22/2016 6:30:00 AM 326700.000 73.465 17.984 167.450
28307.672 32687.922 20.589 22227.789 35.326
1.014 14.748
1/22/2016 6:35:00 AM 327000.000 73.470 17.983 167.462
28313.412 32695.430 20.594 22232.893 35.319
1.014 14.747
1/22/2016 6:40:00 AM 327300.000 73.458 17.984 167.433
28315.488 32697.127 20.595 22234.049 35.316
1.014 14.747
1/22/2016 6:45:00 AM 327600.000 73.476 17.983 167.475
28318.906 32701.961 20.599 22237.336 35.312
1.014 14.747
1/22/2016 6:50:00 AM 327900.000 73.479 17.985 167.481
28315.732 32696.842 20.595 22233.854 35.316
1.014 14.747
1/22/2016 6:55:00 AM 328200.000 73.479 17.982 167.481
28316.963 32699.916 20.597 22235.945 35.315
1.014 14.747
1/22/2016 7:00:00 AM 328500.000 73.467 17.983 167.454
28314.707 32696.738 20.595 22233.783 35.317
1.014 14.747
1/22/2016 7:05:00 AM 328800.000 73.466 17.982 167.452
28318.527 32701.775 20.598 22237.207 35.313
1.014 14.749
1/22/2016 7:10:00 AM 329100.000 73.488 17.982 167.502
28317.271 32700.641 20.598 22236.438 35.314
1.014 14.750
1/22/2016 7:15:00 AM 329400.000 73.468 17.983 167.455
28309.887 32691.293 20.591 22230.082 35.323
1.014 14.752
1/22/2016 7:20:00 AM 329700.000 73.494 17.982 167.516
28332.275 32717.652 20.609 22248.006 35.295
1.014 14.751
1/22/2016 7:25:00 AM 330000.000 73.500 17.983 167.530
28336.434 32722.328 20.613 22251.184 35.290
1.014 14.750
1/22/2016 7:30:00 AM 330300.000 73.480 17.984 167.482
28329.848 32713.969 20.607 22245.498 35.298
1.014 14.750
1/22/2016 7:35:00 AM 330600.000 73.488 17.983 167.501
28318.521 32701.082 20.598 22236.738 35.313
1.014 14.752
1/22/2016 7:40:00 AM 330900.000 73.513 17.984 167.558
28321.816 32704.693 20.601 22239.193 35.308
1.014 14.753
1/22/2016 7:45:00 AM 331200.000 73.509 17.984 167.549
28333.916 32718.227 20.610 22248.396 35.293
1.014 14.755
1/22/2016 7:50:00 AM 331500.000 73.513 17.984 167.558
28301.592 32681.340 20.584 22223.313 35.334
1.014 14.756
1/22/2016 7:55:00 AM 331800.000 73.516 17.983 167.565
28327.574 32711.850 20.605 22244.061 35.301

1.014 14.757
1/22/2016 8:00:00 AM 332100.000 73.520 17.983 167.574
28320.291 32703.061 20.599 22238.082 35.310
1.014 14.758
1/22/2016 8:05:00 AM 332400.000 73.505 17.982 167.540
28321.713 32705.588 20.601 22239.801 35.309
1.014 14.758
1/22/2016 8:10:00 AM 332700.000 73.526 17.985 167.588
28322.791 32704.992 20.601 22239.395 35.307
1.014 14.759
1/22/2016 8:15:00 AM 333000.000 73.522 17.983 167.580
28320.594 32703.537 20.600 22238.406 35.310
1.014 14.759
1/22/2016 8:20:00 AM 333300.000 73.532 17.983 167.603
28333.734 32718.650 20.610 22248.682 35.294
1.014 14.759
1/22/2016 8:25:00 AM 333600.000 73.532 17.984 167.602
28328.732 32712.488 20.606 22244.494 35.300
1.014 14.759
1/22/2016 8:30:00 AM 333900.000 73.540 17.983 167.620
28327.281 32711.512 20.605 22243.830 35.302
1.014 14.759
1/22/2016 8:35:00 AM 334200.000 73.518 17.984 167.571
28315.740 32697.105 20.595 22234.031 35.316
1.014 14.758
1/22/2016 8:40:00 AM 334500.000 73.538 17.983 167.617
28330.383 32715.092 20.608 22246.264 35.298
1.014 14.756
1/22/2016 8:45:00 AM 334800.000 73.521 17.983 167.578
28321.256 32704.488 20.600 22239.055 35.309
1.014 14.755
1/22/2016 8:50:00 AM 335100.000 73.544 17.985 167.630
28329.059 32712.359 20.606 22244.406 35.299
1.014 14.753
1/22/2016 8:55:00 AM 335400.000 73.545 17.985 167.631
28323.084 32704.957 20.601 22239.373 35.307
1.014 14.752
1/22/2016 9:00:00 AM 335700.000 73.539 17.984 167.618
28326.549 32709.533 20.604 22242.482 35.303
1.014 14.751
1/22/2016 9:05:00 AM 336000.000 73.551 17.983 167.646
28339.492 32725.480 20.615 22253.326 35.286
1.014 14.754
1/22/2016 9:10:00 AM 336300.000 73.555 17.984 167.655
28333.371 32717.723 20.610 22248.053 35.294
1.014 14.757
1/22/2016 9:15:00 AM 336600.000 73.550 17.983 167.644
28320.418 32703.273 20.600 22238.229 35.310
1.014 14.761
1/22/2016 9:20:00 AM 336900.000 73.552 17.986 167.649
28331.777 32714.805 20.608 22246.068 35.296
1.014 14.759
1/22/2016 9:25:00 AM 337200.000 73.560 17.984 167.666
28332.863 32717.072 20.609 22247.609 35.295
1.014 14.757
1/22/2016 9:30:00 AM 337500.000 73.561 17.985 167.669
28319.873 32701.623 20.598 22237.104 35.311
1.014 14.755

1/22/2016 9:35:00 AM 337800.000 73.539 17.983 167.619
28344.947 32731.465 20.619 22257.396 35.280
1.014 14.758
1/22/2016 9:40:00 AM 338100.000 73.559 17.984 167.664
28348.898 32735.902 20.622 22260.416 35.275
1.014 14.760
1/22/2016 9:45:00 AM 338400.000 73.561 17.985 167.669
28341.973 32727.271 20.616 22254.545 35.283
1.014 14.762
1/22/2016 9:50:00 AM 338700.000 73.563 17.984 167.673
28321.574 32704.156 20.600 22238.826 35.309
1.014 14.761
1/22/2016 9:55:00 AM 339000.000 73.569 17.985 167.685
28314.070 32694.924 20.594 22232.549 35.318
1.014 14.760
1/22/2016 10:00:00 AM 339300.000 73.566 17.984 167.679
28337.305 32722.514 20.613 22251.311 35.289
1.014 14.759
1/22/2016 10:05:00 AM 339600.000 73.571 17.984 167.692
28321.197 32703.602 20.600 22238.451 35.309
1.014 14.758
1/22/2016 10:10:00 AM 339900.000 73.571 17.985 167.690
28344.990 32730.699 20.619 22256.877 35.280
1.014 14.757
1/22/2016 10:15:00 AM 340200.000 73.571 17.985 167.691
28326.762 32709.578 20.604 22242.516 35.302
1.014 14.756
1/22/2016 10:20:00 AM 340500.000 73.571 17.984 167.691
28334.590 32719.379 20.611 22249.178 35.293
1.014 14.754
1/22/2016 10:25:00 AM 340800.000 73.573 17.986 167.695
28329.357 32711.816 20.606 22244.035 35.299
1.014 14.751
1/22/2016 10:30:00 AM 341100.000 73.574 17.986 167.698
28336.436 32720.123 20.611 22249.686 35.290
1.014 14.748
1/22/2016 10:35:00 AM 341400.000 73.568 17.984 167.684
28333.695 32718.152 20.610 22248.344 35.294
1.014 14.747
1/22/2016 10:40:00 AM 341700.000 73.570 17.986 167.689
28322.436 32703.764 20.600 22238.561 35.308
1.014 14.747
1/22/2016 10:45:00 AM 342000.000 73.549 17.983 167.641
28347.320 32734.205 20.621 22259.260 35.277
1.014 14.746
1/22/2016 10:50:00 AM 342300.000 73.573 17.985 167.696
28358.162 32745.707 20.629 22267.080 35.263
1.014 14.747
1/22/2016 10:55:00 AM 342600.000 73.571 17.984 167.692
28339.012 32723.924 20.614 22252.268 35.287
1.014 14.748
1/22/2016 11:00:00 AM 342900.000 73.554 17.984 167.651
28353.645 32741.188 20.626 22264.010 35.269
1.014 14.749
1/22/2016 11:05:00 AM 343200.000 73.543 17.986 167.627
28352.527 32738.703 20.624 22262.320 35.270
1.014 14.751
1/22/2016 11:10:00 AM 343500.000 73.544 17.986 167.630

28352.756 32738.834 20.624 22262.410 35.270
1.014 14.754
1/22/2016 11:15:00 AM 343800.000 73.537 17.985 167.614
28340.158 32724.988 20.615 22252.992 35.286
1.014 14.756
1/22/2016 11:20:00 AM 344100.000 73.537 17.985 167.613
28344.666 32730.324 20.618 22256.623 35.280
1.014 14.752
1/22/2016 11:25:00 AM 344400.000 73.542 17.985 167.624
28343.502 32728.850 20.617 22255.619 35.281
1.014 14.749
1/22/2016 11:30:00 AM 344700.000 73.558 17.985 167.661
28356.342 32743.234 20.627 22265.402 35.265
1.014 14.745
1/22/2016 11:35:00 AM 345000.000 73.533 17.985 167.605
28352.596 32739.410 20.625 22262.801 35.270
1.014 14.743
1/22/2016 11:40:00 AM 345300.000 73.551 17.984 167.644
28341.180 32726.428 20.616 22253.971 35.284
1.014 14.741
1/22/2016 11:45:00 AM 345600.000 73.548 17.985 167.640
28359.832 32747.391 20.630 22268.229 35.261
1.014 14.739
1/22/2016 11:50:00 AM 345900.000 73.554 17.984 167.652
28332.158 32716.010 20.608 22246.887 35.296
1.014 14.738
1/22/2016 11:55:00 AM 346200.000 73.549 17.984 167.641
28327.902 32711.150 20.605 22243.584 35.301
1.014 14.737
1/22/2016 12:00:00 PM 346500.000 73.548 17.985 167.638
28346.227 32731.555 20.619 22257.457 35.278
1.014 14.736
1/22/2016 12:05:00 PM 346800.000 73.545 17.985 167.631
28350.783 32737.258 20.623 22261.338 35.272
1.014 14.736
1/22/2016 12:10:00 PM 347100.000 73.541 17.986 167.623
28370.020 32758.586 20.638 22275.838 35.248
1.014 14.736
1/22/2016 12:15:00 PM 347400.000 73.541 17.985 167.622
28342.100 32727.105 20.616 22254.434 35.283
1.014 14.736
1/22/2016 12:20:00 PM 347700.000 73.520 17.986 167.575
28348.734 32733.943 20.621 22259.082 35.275
1.014 14.736
1/22/2016 12:25:00 PM 348000.000 73.535 17.985 167.610
28363.445 32751.563 20.633 22271.063 35.257
1.014 14.736
1/22/2016 12:30:00 PM 348300.000 73.531 17.984 167.599
28339.104 32724.084 20.614 22252.379 35.287
1.014 14.736
1/22/2016 12:35:00 PM 348600.000 73.534 17.985 167.607
28353.506 32740.146 20.625 22263.303 35.269
1.014 14.730
1/22/2016 12:40:00 PM 348900.000 73.532 17.985 167.601
28350.482 32736.838 20.623 22261.051 35.273
1.014 14.724
1/22/2016 12:45:00 PM 349200.000 73.531 17.985 167.601
28337.012 32721.414 20.612 22250.563 35.290

1.014 14.718
1/22/2016 12:50:00 PM 349500.000 73.522 17.986 167.578
28338.629 32722.461 20.613 22251.273 35.288
1.014 14.722
1/22/2016 12:55:00 PM 349800.000 73.522 17.985 167.579
28334.752 32718.805 20.610 22248.789 35.292
1.014 14.727
1/22/2016 1:00:00 PM 350100.000 73.492 17.985 167.512
28345.244 32730.920 20.619 22257.027 35.279
1.014 14.731
1/22/2016 1:05:00 PM 350400.000 73.513 17.985 167.558
28338.047 32722.361 20.613 22251.205 35.288
1.014 14.731
1/22/2016 1:10:00 PM 350700.000 73.485 17.984 167.496
28342.139 32727.848 20.617 22254.938 35.283
1.014 14.731
1/22/2016 1:15:00 PM 351000.000 73.502 17.985 167.535
28347.801 32734.000 20.621 22259.123 35.276
1.014 14.732
1/22/2016 1:20:00 PM 351300.000 73.484 17.986 167.492
28351.203 32737.107 20.623 22261.234 35.272
1.014 14.727
1/22/2016 1:25:00 PM 351600.000 73.497 17.984 167.522
28335.227 32719.680 20.611 22249.385 35.292
1.014 14.722
1/22/2016 1:30:00 PM 351900.000 73.497 17.984 167.523
28338.352 32723.723 20.614 22252.133 35.288
1.014 14.717
1/22/2016 1:35:00 PM 352200.000 73.488 17.984 167.501
28345.723 32732.234 20.620 22257.922 35.279
1.014 14.717
1/22/2016 1:40:00 PM 352500.000 73.487 17.984 167.499
28340.477 32726.176 20.615 22253.799 35.285
1.014 14.717
1/22/2016 1:45:00 PM 352800.000 73.471 17.985 167.463
28335.000 32718.906 20.610 22248.859 35.292
1.014 14.716
1/22/2016 1:50:00 PM 353100.000 73.469 17.986 167.457
28324.154 32706.002 20.602 22240.084 35.306
1.014 14.716
1/22/2016 1:55:00 PM 353400.000 73.475 17.984 167.471
28337.613 32722.557 20.613 22251.340 35.289
1.014 14.715
1/22/2016 2:00:00 PM 353700.000 73.478 17.985 167.479
28335.193 32719.314 20.611 22249.137 35.292
1.014 14.715
1/22/2016 2:05:00 PM 354000.000 73.467 17.984 167.453
28325.432 32708.369 20.603 22241.691 35.304
1.014 14.717
1/22/2016 2:10:00 PM 354300.000 73.451 17.984 167.418
28325.025 32708.400 20.603 22241.715 35.304
1.014 14.719
1/22/2016 2:15:00 PM 354600.000 73.460 17.984 167.438
28344.361 32730.729 20.619 22256.896 35.280
1.014 14.722
1/22/2016 2:20:00 PM 354900.000 73.456 17.984 167.430
28340.408 32726.162 20.615 22253.791 35.285
1.014 14.721

1/22/2016 2:25:00 PM	355200.000	73.450	17.984	167.414
28312.697	32693.537	20.593	22231.607	35.320
1.014	14.721			
1/22/2016 2:30:00 PM	355500.000	73.436	17.984	167.384
28342.322	32728.246	20.617	22255.209	35.283
1.014	14.720			
1/22/2016 2:35:00 PM	355800.000	73.433	17.985	167.376
28320.650	32702.594	20.599	22237.764	35.310
1.014	14.719			
1/22/2016 2:40:00 PM	356100.000	73.440	17.984	167.392
28314.711	32695.918	20.594	22233.225	35.317
1.014	14.717			
1/22/2016 2:45:00 PM	356400.000	73.445	17.985	167.404
28326.182	32708.596	20.603	22241.846	35.303
1.014	14.715			
1/22/2016 2:50:00 PM	356700.000	73.438	17.984	167.388
28321.148	32703.857	20.600	22238.625	35.309
1.014	14.715			
1/22/2016 2:55:00 PM	357000.000	73.412	17.983	167.327
28326.664	32710.859	20.605	22243.385	35.302
1.014	14.716			
1/22/2016 3:00:00 PM	357300.000	73.428	17.983	167.364
28326.438	32710.598	20.605	22243.207	35.303
1.014	14.716			
1/22/2016 3:05:00 PM	357600.000	73.422	17.984	167.352
28319.361	32701.859	20.599	22237.264	35.312
1.014	14.715			
1/22/2016 3:10:00 PM	357900.000	73.419	17.983	167.345
28329.904	32714.162	20.607	22245.633	35.298
1.014	14.715			
1/22/2016 3:15:00 PM	358200.000	73.418	17.983	167.341
28337.527	32723.156	20.613	22251.748	35.289
1.014	14.714			
1/22/2016 3:20:00 PM	358500.000	73.410	17.985	167.324
28316.320	32697.273	20.595	22234.148	35.315
1.014	14.714			
1/22/2016 3:25:00 PM	358800.000	73.408	17.983	167.320
28349.559	32736.924	20.623	22261.109	35.274
1.014	14.713			
1/22/2016 3:30:00 PM	359100.000	73.406	17.983	167.314
28334.076	32719.551	20.611	22249.297	35.293
1.014	14.713			
1/22/2016 3:35:00 PM	359400.000	73.400	17.984	167.301
28315.936	32697.590	20.596	22234.361	35.316
1.014	14.713			
1/22/2016 3:40:00 PM	359700.000	73.381	17.983	167.257
28327.143	32711.164	20.605	22243.594	35.302
1.014	14.713			
1/22/2016 3:45:00 PM	360000.000	73.396	17.984	167.291
28322.209	32705.082	20.601	22239.457	35.308
1.014	14.714			
1/22/2016 3:50:00 PM	360300.000	73.392	17.982	167.282
28321.943	32705.666	20.601	22239.855	35.308
1.014	14.717			
1/22/2016 3:55:00 PM	360600.000	73.380	17.984	167.255
28334.787	32719.480	20.611	22249.246	35.292
1.014	14.720			
1/22/2016 4:00:00 PM	360900.000	73.385	17.983	167.266

28343.668 32730.627 20.618 22256.826 35.281
1.014 14.723
1/22/2016 4:05:00 PM 361200.000 73.358 17.984 167.206
28344.898 32731.156 20.619 22257.188 35.280
1.014 14.722
1/22/2016 4:10:00 PM 361500.000 73.359 17.983 167.208
28328.502 32712.607 20.606 22244.576 35.300
1.014 14.721
1/22/2016 4:15:00 PM 361800.000 73.359 17.983 167.207
28325.209 32709.117 20.604 22242.201 35.304
1.014 14.720
1/22/2016 4:20:00 PM 362100.000 73.377 17.984 167.248
28322.625 32705.002 20.601 22239.402 35.307
1.014 14.718
1/22/2016 4:25:00 PM 362400.000 73.357 17.982 167.203
28342.689 32729.750 20.618 22256.230 35.282
1.014 14.716
1/22/2016 4:30:00 PM 362700.000 73.363 17.983 167.217
28311.268 32692.768 20.592 22231.082 35.322
1.014 14.714
1/22/2016 4:35:00 PM 363000.000 73.379 17.984 167.254
28338.350 32723.721 20.614 22252.133 35.288
1.014 14.717
1/22/2016 4:40:00 PM 363300.000 73.368 17.982 167.229
28322.420 32706.217 20.602 22240.229 35.308
1.014 14.720
1/22/2016 4:45:00 PM 363600.000 73.368 17.983 167.227
28341.082 32727.641 20.616 22254.795 35.284
1.014 14.723
1/22/2016 4:50:00 PM 363900.000 73.366 17.984 167.223
28317.965 32700.246 20.597 22236.170 35.313
1.014 14.721
1/22/2016 4:55:00 PM 364200.000 73.343 17.984 167.172
28308.652 32689.492 20.590 22228.857 35.325
1.014 14.720
1/22/2016 5:00:00 PM 364500.000 73.346 17.984 167.178
28336.180 32721.215 20.612 22250.428 35.291
1.014 14.719
1/22/2016 5:05:00 PM 364800.000 73.364 17.984 167.219
28309.395 32689.725 20.590 22229.016 35.324
1.014 14.720
1/22/2016 5:10:00 PM 365100.000 73.362 17.985 167.215
28327.436 32710.428 20.605 22243.094 35.301
1.014 14.721
1/22/2016 5:15:00 PM 365400.000 73.337 17.983 167.158
28337.033 32722.326 20.613 22251.182 35.290
1.014 14.722
1/22/2016 5:20:00 PM 365700.000 73.358 17.983 167.205
28336.457 32721.920 20.612 22250.908 35.290
1.014 14.721
1/22/2016 5:25:00 PM 366000.000 73.339 17.983 167.163
28329.504 32714.139 20.607 22245.617 35.299
1.014 14.720
1/22/2016 5:30:00 PM 366300.000 73.338 17.984 167.161
28327.896 32711.143 20.605 22243.580 35.301
1.014 14.719
1/22/2016 5:35:00 PM 366600.000 73.331 17.983 167.144
28327.938 32711.822 20.605 22244.039 35.301

1.014 14.722
1/22/2016 5:40:00 PM 366900.000 73.352 17.985 167.191
28344.717 32730.383 20.618 22256.660 35.280
1.014 14.725
1/22/2016 5:45:00 PM 367200.000 73.329 17.984 167.138
28323.602 32706.496 20.602 22240.420 35.306
1.014 14.727
1/22/2016 5:50:00 PM 367500.000 73.350 17.983 167.188
28338.211 32724.133 20.614 22252.410 35.288
1.014 14.725
1/22/2016 5:55:00 PM 367800.000 73.355 17.982 167.199
28332.736 32718.131 20.610 22248.332 35.295
1.014 14.722
1/22/2016 6:00:00 PM 368100.000 73.339 17.984 167.163
28324.932 32707.791 20.603 22241.301 35.305
1.014 14.720
1/22/2016 6:05:00 PM 368400.000 73.358 17.985 167.205
28328.551 32711.771 20.605 22244.006 35.300
1.014 14.722
1/22/2016 6:10:00 PM 368700.000 73.352 17.983 167.192
28336.182 32721.789 20.612 22250.818 35.291
1.014 14.724
1/22/2016 6:15:00 PM 369000.000 73.352 17.983 167.192
28326.941 32711.365 20.605 22243.729 35.302
1.014 14.727
1/22/2016 6:20:00 PM 369300.000 73.350 17.983 167.188
28314.207 32695.967 20.594 22233.260 35.318
1.014 14.727
1/22/2016 6:25:00 PM 369600.000 73.332 17.983 167.145
28310.693 32692.416 20.592 22230.844 35.322
1.014 14.727
1/22/2016 6:30:00 PM 369900.000 73.333 17.983 167.147
28311.281 32693.229 20.593 22231.398 35.322
1.014 14.728
1/22/2016 6:35:00 PM 370200.000 73.353 17.982 167.194
28335.590 32721.479 20.612 22250.607 35.291
1.014 14.727
1/22/2016 6:40:00 PM 370500.000 73.335 17.984 167.154
28316.619 32698.379 20.596 22234.900 35.315
1.014 14.726
1/22/2016 6:45:00 PM 370800.000 73.357 17.983 167.203
28330.863 32715.646 20.608 22246.641 35.297
1.014 14.725
1/22/2016 6:50:00 PM 371100.000 73.356 17.985 167.201
28317.408 32698.777 20.596 22235.168 35.314
1.014 14.725
1/22/2016 6:55:00 PM 371400.000 73.357 17.985 167.202
28331.500 32715.178 20.608 22246.320 35.296
1.014 14.726
1/22/2016 7:00:00 PM 371700.000 73.344 17.985 167.174
28326.592 32709.383 20.604 22242.383 35.303
1.014 14.726
1/22/2016 7:05:00 PM 372000.000 73.359 17.983 167.207
28339.352 32725.197 20.615 22253.135 35.287
1.014 14.728
1/22/2016 7:10:00 PM 372300.000 73.360 17.984 167.211
28317.256 32699.361 20.597 22235.566 35.314
1.014 14.729

1/22/2016 7:15:00 PM	372600.000	73.359	17.984	167.207
28312.281	32693.305	20.593	22231.449	35.320
1.014	14.731			
1/22/2016 7:20:00 PM	372900.000	73.362	17.983	167.215
28329.059	32713.377	20.607	22245.096	35.299
1.014	14.732			
1/22/2016 7:25:00 PM	373200.000	73.358	17.982	167.205
28323.037	32707.057	20.602	22240.799	35.307
1.014	14.733			
1/22/2016 7:30:00 PM	373500.000	73.359	17.983	167.207
28330.381	32714.645	20.607	22245.961	35.298
1.014	14.733			
1/22/2016 7:35:00 PM	373800.000	73.345	17.983	167.176
28338.057	32724.016	20.614	22252.330	35.288
1.014	14.733			
1/22/2016 7:40:00 PM	374100.000	73.370	17.984	167.233
28325.580	32708.727	20.603	22241.934	35.304
1.014	14.733			
1/22/2016 7:45:00 PM	374400.000	73.355	17.983	167.199
28314.066	32696.186	20.595	22233.408	35.318
1.014	14.733			
1/22/2016 7:50:00 PM	374700.000	73.367	17.983	167.227
28317.922	32700.824	20.598	22236.561	35.313
1.014	14.736			
1/22/2016 7:55:00 PM	375000.000	73.369	17.984	167.230
28319.508	32701.770	20.599	22237.203	35.311
1.014	14.738			
1/22/2016 8:00:00 PM	375300.000	73.350	17.984	167.187
28333.672	32717.885	20.610	22248.164	35.294
1.014	14.741			
1/22/2016 8:05:00 PM	375600.000	73.374	17.984	167.243
28321.570	32704.098	20.600	22238.789	35.309
1.014	14.739			
1/22/2016 8:10:00 PM	375900.000	73.378	17.984	167.250
28334.906	32719.551	20.611	22249.297	35.292
1.014	14.736			
1/22/2016 8:15:00 PM	376200.000	73.382	17.984	167.259
28335.951	32720.891	20.612	22250.205	35.291
1.014	14.734			
1/22/2016 8:20:00 PM	376500.000	73.363	17.984	167.216
28316.883	32698.996	20.597	22235.318	35.315
1.014	14.735			
1/22/2016 8:25:00 PM	376800.000	73.386	17.983	167.270
28325.848	32709.604	20.604	22242.533	35.303
1.014	14.735			
1/22/2016 8:30:00 PM	377100.000	73.389	17.985	167.275
28332.076	32715.844	20.608	22246.775	35.296
1.014	14.736			
1/22/2016 8:35:00 PM	377400.000	73.391	17.983	167.280
28332.578	32717.750	20.610	22248.072	35.295
1.014	14.737			
1/22/2016 8:40:00 PM	377700.000	73.390	17.984	167.279
28323.996	32706.711	20.602	22240.566	35.306
1.014	14.738			
1/22/2016 8:45:00 PM	378000.000	73.390	17.984	167.278
28328.582	32711.936	20.606	22244.117	35.300
1.014	14.739			
1/22/2016 8:50:00 PM	378300.000	73.394	17.983	167.287

28316.072 32698.760 20.596 22235.156 35.316
1.014 14.738
1/22/2016 8:55:00 PM 378600.000 73.382 17.984 167.259
28326.365 32709.947 20.604 22242.766 35.303
1.014 14.737
1/22/2016 9:00:00 PM 378900.000 73.383 17.984 167.263
28310.477 32691.408 20.591 22230.160 35.323
1.014 14.736
1/22/2016 9:05:00 PM 379200.000 73.408 17.983 167.318
28341.742 32728.023 20.617 22255.059 35.284
1.014 14.736
1/22/2016 9:10:00 PM 379500.000 73.386 17.984 167.270
28337.139 32722.322 20.613 22251.180 35.289
1.014 14.737
1/22/2016 9:15:00 PM 379800.000 73.407 17.983 167.318
28304.854 32685.426 20.587 22226.092 35.330
1.014 14.737
1/22/2016 9:20:00 PM 380100.000 73.405 17.983 167.313
28331.844 32716.715 20.609 22247.367 35.296
1.014 14.739
1/22/2016 9:25:00 PM 380400.000 73.410 17.985 167.325
28334.678 32718.660 20.610 22248.689 35.292
1.014 14.742
1/22/2016 9:30:00 PM 380700.000 73.416 17.984 167.338
28340.543 32725.939 20.615 22253.639 35.285
1.014 14.744
1/22/2016 9:35:00 PM 381000.000 73.415 17.983 167.335
28332.617 32717.486 20.609 22247.893 35.295
1.014 14.742
1/22/2016 9:40:00 PM 381300.000 73.421 17.984 167.349
28324.477 32707.326 20.602 22240.984 35.305
1.014 14.739
1/22/2016 9:45:00 PM 381600.000 73.425 17.983 167.358
28351.297 32738.930 20.624 22262.475 35.272
1.014 14.737
1/22/2016 9:50:00 PM 381900.000 73.429 17.984 167.368
28314.320 32695.973 20.595 22233.264 35.318
1.014 14.737
1/22/2016 9:55:00 PM 382200.000 73.410 17.982 167.324
28341.570 32728.457 20.617 22255.352 35.284
1.014 14.737
1/22/2016 10:00:00 PM 382500.000 73.433 17.983 167.376
28336.342 32721.908 20.612 22250.900 35.290
1.014 14.737
1/22/2016 10:05:00 PM 382800.000 73.434 17.985 167.379
28338.104 32722.490 20.613 22251.293 35.288
1.014 14.740
1/22/2016 10:10:00 PM 383100.000 73.435 17.983 167.382
28316.701 32699.293 20.597 22235.521 35.315
1.014 14.742
1/22/2016 10:15:00 PM 383400.000 73.436 17.983 167.383
28332.885 32717.668 20.610 22248.014 35.295
1.014 14.744
1/22/2016 10:20:00 PM 383700.000 73.437 17.985 167.386
28335.752 32720.088 20.611 22249.660 35.291
1.014 14.743
1/22/2016 10:25:00 PM 384000.000 73.441 17.984 167.394
28332.775 32716.910 20.609 22247.502 35.295

1.014 14.743
1/22/2016 10:30:00 PM 384300.000 73.422 17.984 167.351
28340.332 32725.816 20.615 22253.555 35.285
1.014 14.743
1/22/2016 10:35:00 PM 384600.000 73.423 17.984 167.353
28344.713 32730.941 20.619 22257.041 35.280
1.014 14.742
1/22/2016 10:40:00 PM 384900.000 73.446 17.984 167.406
28329.289 32712.697 20.606 22244.637 35.299
1.014 14.741
1/22/2016 10:45:00 PM 385200.000 73.446 17.984 167.407
28330.773 32714.410 20.607 22245.801 35.297
1.014 14.740
1/22/2016 10:50:00 PM 385500.000 73.446 17.984 167.407
28330.475 32714.691 20.607 22245.990 35.298
1.014 14.743
1/22/2016 10:55:00 PM 385800.000 73.444 17.984 167.403
28343.074 32728.803 20.617 22255.586 35.282
1.014 14.746
1/22/2016 11:00:00 PM 386100.000 73.447 17.984 167.409
28332.557 32717.031 20.609 22247.584 35.295
1.014 14.749
1/22/2016 11:05:00 PM 386400.000 73.448 17.985 167.410
28339.219 32724.035 20.614 22252.344 35.287
1.014 14.745
1/22/2016 11:10:00 PM 386700.000 73.436 17.982 167.383
28329.105 32713.992 20.607 22245.516 35.299
1.014 14.741
1/22/2016 11:15:00 PM 387000.000 73.460 17.984 167.437
28336.523 32721.363 20.612 22250.529 35.290
1.014 14.738
1/22/2016 11:20:00 PM 387300.000 73.439 17.984 167.390
28319.742 32702.107 20.599 22237.434 35.311
1.014 14.741
1/22/2016 11:25:00 PM 387600.000 73.459 17.984 167.435
28335.768 32720.545 20.612 22249.971 35.291
1.014 14.743
1/22/2016 11:30:00 PM 387900.000 73.461 17.984 167.440
28329.953 32713.590 20.607 22245.242 35.298
1.014 14.746
1/22/2016 11:35:00 PM 388200.000 73.468 17.983 167.455
28319.453 32702.158 20.599 22237.471 35.311
1.014 14.745
1/22/2016 11:40:00 PM 388500.000 73.467 17.983 167.455
28332.207 32717.068 20.609 22247.607 35.296
1.014 14.743
1/22/2016 11:45:00 PM 388800.000 73.468 17.983 167.457
28324.771 32708.547 20.603 22241.814 35.305
1.014 14.742
1/22/2016 11:50:00 PM 389100.000 73.471 17.983 167.464
28326.166 32710.092 20.604 22242.865 35.303
1.014 14.742
1/22/2016 11:55:00 PM 389400.000 73.448 17.983 167.410
28331.506 32716.324 20.609 22247.104 35.296
1.014 14.743
1/23/2016 12:00:00 AM 389700.000 73.453 17.983 167.421
28348.100 32735.486 20.622 22260.133 35.276
1.014 14.743

1/23/2016 12:05:00 AM 390000.000 73.471 17.983 167.463
28343.252 32729.641 20.618 22256.156 35.282
1.014 14.743
1/23/2016 12:10:00 AM 390300.000 73.478 17.984 167.479
28332.564 32716.914 20.609 22247.504 35.295
1.014 14.742
1/23/2016 12:15:00 AM 390600.000 73.474 17.984 167.469
28318.291 32700.244 20.597 22236.168 35.313
1.014 14.742
1/23/2016 12:20:00 AM 390900.000 73.459 17.985 167.436
28331.684 32715.334 20.608 22246.430 35.296
1.014 14.740
1/23/2016 12:25:00 AM 391200.000 73.460 17.984 167.438
28337.094 32721.896 20.612 22250.891 35.289
1.014 14.739
1/23/2016 12:30:00 AM 391500.000 73.486 17.983 167.496
28344.078 32730.654 20.619 22256.848 35.281
1.014 14.738
1/23/2016 12:35:00 AM 391800.000 73.484 17.983 167.492
28348.920 32736.693 20.623 22260.951 35.275
1.014 14.738
1/23/2016 12:40:00 AM 392100.000 73.484 17.985 167.493
28336.775 32720.768 20.612 22250.123 35.290
1.014 14.738
1/23/2016 12:45:00 AM 392400.000 73.490 17.985 167.506
28343.186 32728.484 20.617 22255.371 35.282
1.014 14.739
1/23/2016 12:50:00 AM 392700.000 73.489 17.985 167.505
28338.258 32722.926 20.613 22251.590 35.288
1.014 14.740
1/23/2016 12:55:00 AM 393000.000 73.487 17.985 167.500
28335.355 32719.371 20.611 22249.172 35.292
1.014 14.742
1/23/2016 1:00:00 AM 393300.000 73.475 17.983 167.472
28336.688 32722.242 20.613 22251.125 35.290
1.014 14.743
1/23/2016 1:05:00 AM 393600.000 73.493 17.983 167.512
28307.699 32689.146 20.590 22228.621 35.326
1.014 14.744
1/23/2016 1:10:00 AM 393900.000 73.491 17.984 167.508
28319.754 32702.186 20.599 22237.488 35.311
1.014 14.744
1/23/2016 1:15:00 AM 394200.000 73.498 17.985 167.525
28346.498 32732.238 20.620 22257.924 35.278
1.014 14.745
1/23/2016 1:20:00 AM 394500.000 73.497 17.984 167.522
28335.934 32720.996 20.612 22250.279 35.291
1.014 14.746
1/23/2016 1:25:00 AM 394800.000 73.494 17.983 167.516
28330.934 32715.416 20.608 22246.482 35.297
1.014 14.746
1/23/2016 1:30:00 AM 395100.000 73.497 17.984 167.523
28340.996 32726.842 20.616 22254.254 35.285
1.014 14.747
1/23/2016 1:35:00 AM 395400.000 73.498 17.984 167.526
28346.590 32733.176 20.620 22258.563 35.278
1.014 14.747
1/23/2016 1:40:00 AM 395700.000 73.497 17.986 167.523

28345.266 32730.379 20.618 22256.658 35.279
1.014 14.747
1/23/2016 1:45:00 AM 396000.000 73.505 17.984 167.541
28355.314 32743.375 20.627 22265.498 35.267
1.014 14.747
1/23/2016 1:50:00 AM 396300.000 73.503 17.984 167.536
28333.139 32717.455 20.609 22247.869 35.294
1.014 14.747
1/23/2016 1:55:00 AM 396600.000 73.487 17.984 167.499
28353.598 32741.328 20.626 22264.105 35.269
1.014 14.747
1/23/2016 2:00:00 AM 396900.000 73.503 17.985 167.536
28345.064 32730.281 20.618 22256.594 35.280
1.014 14.747
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28334.020 32717.959 20.610 22248.215 35.293
1.014 14.748
1/23/2016 2:10:00 AM 397500.000 73.487 17.986 167.499
28334.543 32717.805 20.610 22248.107 35.293
1.014 14.750
1/23/2016 2:15:00 AM 397800.000 73.505 17.985 167.540
28350.631 32737.270 20.623 22261.346 35.273
1.014 14.751
1/23/2016 2:20:00 AM 398100.000 73.504 17.985 167.538
28336.535 32720.680 20.612 22250.063 35.290
1.014 14.751
1/23/2016 2:25:00 AM 398400.000 73.489 17.984 167.505
28354.514 32742.385 20.627 22264.824 35.268
1.014 14.752
1/23/2016 2:30:00 AM 398700.000 73.508 17.984 167.547
28356.133 32744.008 20.628 22265.926 35.266
1.014 14.752
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28365.104 32753.420 20.634 22272.328 35.255
1.014 14.753
1/23/2016 2:40:00 AM 399300.000 73.502 17.985 167.534
28365.029 32753.768 20.635 22272.564 35.255
1.014 14.755
1/23/2016 2:45:00 AM 399600.000 73.503 17.986 167.536
28368.188 32756.787 20.637 22274.617 35.251
1.014 14.757
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28352.896 32739.625 20.625 22262.947 35.270
1.014 14.756
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28371.568 32761.953 20.640 22278.129 35.247
1.014 14.755
1/23/2016 3:00:00 AM 400500.000 73.510 17.985 167.551
28341.521 32726.121 20.615 22253.764 35.284
1.014 14.754
1/23/2016 3:05:00 AM 400800.000 73.493 17.985 167.513
28369.797 32759.088 20.638 22276.180 35.249
1.014 14.753
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1.014 14.751
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28357.045 32743.223 20.627 22265.395 35.265

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1/23/2016 3:20:00 AM 401700.000 73.517 17.985 167.568
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28377.486 32767.650 20.644 22282.004 35.239
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28370.393 32759.199 20.638 22276.256 35.248
1.014 14.749
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28370.057 32759.514 20.639 22276.471 35.248
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28373.500 32763.676 20.641 22279.301 35.244
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28385.723 32776.273 20.650 22287.867 35.229
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28393.568 32785.836 20.657 22294.371 35.219
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28378.803 32768.727 20.645 22282.736 35.238
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28395.348 32787.195 20.658 22295.293 35.217
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1/23/2016 4:35:00 AM 406200.000 73.525 17.986 167.586
28385.961 32776.738 20.651 22288.184 35.229
1.014 14.749
1/23/2016 4:40:00 AM 406500.000 73.527 17.986 167.591
28397.082 32789.578 20.659 22296.916 35.215
1.014 14.748
1/23/2016 4:45:00 AM 406800.000 73.539 17.987 167.618
28393.268 32784.793 20.656 22293.660 35.220
1.014 14.747
1/23/2016 4:50:00 AM 407100.000 73.512 17.986 167.557
28409.430 32804.027 20.669 22306.740 35.200
1.014 14.749

1/23/2016 4:55:00 AM	407400.000	73.529	17.986	167.596
28391.686	32783.289	20.655	22292.637	35.222
1.014	14.751			
1/23/2016 5:00:00 AM	407700.000	73.535	17.986	167.610
28410.342	32804.891	20.670	22307.328	35.198
1.014	14.753			
1/23/2016 5:05:00 AM	408000.000	73.536	17.987	167.611
28400.170	32792.641	20.662	22298.998	35.211
1.014	14.753			
1/23/2016 5:10:00 AM	408300.000	73.534	17.986	167.606
28405.994	32799.941	20.667	22303.963	35.204
1.014	14.753			
1/23/2016 5:15:00 AM	408600.000	73.535	17.987	167.608
28414.193	32808.895	20.673	22310.049	35.194
1.014	14.752			
1/23/2016 5:20:00 AM	408900.000	73.536	17.987	167.612
28417.105	32812.129	20.675	22312.248	35.190
1.014	14.753			
1/23/2016 5:25:00 AM	409200.000	73.540	17.986	167.621
28404.859	32798.684	20.666	22303.105	35.205
1.014	14.754			
1/23/2016 5:30:00 AM	409500.000	73.540	17.986	167.620
28401.131	32794.254	20.663	22300.094	35.210
1.014	14.755			
1/23/2016 5:35:00 AM	409800.000	73.519	17.987	167.572
28417.072	32812.031	20.675	22312.184	35.190
1.014	14.755			
1/23/2016 5:40:00 AM	410100.000	73.545	17.986	167.633
28411.787	32806.871	20.671	22308.674	35.197
1.014	14.756			
1/23/2016 5:45:00 AM	410400.000	73.550	17.986	167.644
28414.443	32809.695	20.673	22310.594	35.193
1.014	14.756			
1/23/2016 5:50:00 AM	410700.000	73.523	17.987	167.582
28410.002	32804.180	20.670	22306.844	35.199
1.014	14.760			
1/23/2016 5:55:00 AM	411000.000	73.527	17.986	167.590
28412.980	32808.250	20.672	22309.611	35.195
1.014	14.763			
1/23/2016 6:00:00 AM	411300.000	73.545	17.987	167.631
28418.486	32813.977	20.676	22313.506	35.188
1.014	14.766			
1/23/2016 6:05:00 AM	411600.000	73.529	17.987	167.596
28428.586	32825.574	20.684	22321.393	35.176
1.014	14.765			
1/23/2016 6:10:00 AM	411900.000	73.552	17.986	167.649
28423.328	32819.828	20.680	22317.484	35.182
1.014	14.765			
1/23/2016 6:15:00 AM	412200.000	73.554	17.986	167.651
28441.545	32840.918	20.695	22331.826	35.160
1.014	14.764			
1/23/2016 6:20:00 AM	412500.000	73.558	17.988	167.661
28420.475	32815.703	20.678	22314.678	35.186
1.014	14.765			
1/23/2016 6:25:00 AM	412800.000	73.558	17.988	167.662
28445.820	32845.031	20.698	22334.621	35.155
1.014	14.766			
1/23/2016 6:30:00 AM	413100.000	73.563	17.988	167.672

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1.014 14.767
1/23/2016 6:35:00 AM 413400.000 73.564 17.988 167.676
28447.402 32846.738 20.699 22335.785 35.153
1.014 14.767
1/23/2016 6:40:00 AM 413700.000 73.549 17.987 167.640
28432.666 32829.969 20.687 22324.381 35.171
1.014 14.768
1/23/2016 6:45:00 AM 414000.000 73.573 17.988 167.695
28446.822 32845.625 20.698 22335.025 35.153
1.014 14.768
1/23/2016 6:50:00 AM 414300.000 73.572 17.988 167.694
28451.359 32851.305 20.702 22338.889 35.148
1.014 14.770
1/23/2016 6:55:00 AM 414600.000 73.574 17.988 167.697
28455.566 32856.223 20.706 22342.234 35.143
1.014 14.772
1/23/2016 7:00:00 AM 414900.000 73.575 17.987 167.701
28456.688 32858.020 20.707 22343.455 35.141
1.014 14.774
1/23/2016 7:05:00 AM 415200.000 73.580 17.988 167.711
28449.713 32849.527 20.701 22337.682 35.150
1.014 14.772
1/23/2016 7:10:00 AM 415500.000 73.586 17.987 167.724
28458.340 32859.930 20.708 22344.754 35.139
1.014 14.771
1/23/2016 7:15:00 AM 415800.000 73.595 17.988 167.745
28450.252 32850.086 20.701 22338.061 35.149
1.014 14.770
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28473.605 32876.992 20.720 22356.355 35.120
1.014 14.772
1/23/2016 7:25:00 AM 416400.000 73.573 17.987 167.696
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1.014 14.775
1/23/2016 7:30:00 AM 416700.000 73.574 17.988 167.699
28474.221 32877.445 20.720 22356.662 35.119
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1/23/2016 7:35:00 AM 417000.000 73.599 17.989 167.756
28466.857 32868.371 20.714 22350.492 35.129
1.014 14.778
1/23/2016 7:40:00 AM 417300.000 73.600 17.988 167.758
28482.072 32886.199 20.726 22362.615 35.110
1.014 14.780
1/23/2016 7:45:00 AM 417600.000 73.602 17.989 167.761
28484.834 32889.000 20.728 22364.521 35.106
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1/23/2016 7:50:00 AM 417900.000 73.601 17.988 167.760
28485.316 32890.000 20.729 22365.201 35.106
1.014 14.782
1/23/2016 7:55:00 AM 418200.000 73.606 17.988 167.770
28486.617 32891.816 20.730 22366.436 35.104
1.014 14.783
1/23/2016 8:00:00 AM 418500.000 73.590 17.989 167.734
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1/23/2016 8:05:00 AM 418800.000 73.614 17.988 167.789
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1.014 14.781
1/23/2016 8:10:00 AM 419100.000 73.598 17.989 167.753
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1.014 14.779
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28486.617 32891.695 20.730 22366.354 35.104
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1/23/2016 8:20:00 AM 419700.000 73.619 17.988 167.801
28506.363 32914.246 20.746 22381.689 35.080
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1/23/2016 8:25:00 AM 420000.000 73.624 17.990 167.812
28507.943 32915.230 20.747 22382.359 35.078
1.014 14.785
1/23/2016 8:30:00 AM 420300.000 73.623 17.990 167.809
28516.504 32925.063 20.753 22389.043 35.067
1.014 14.789
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28498.457 32904.730 20.739 22375.217 35.090
1.014 14.787
1/23/2016 8:40:00 AM 420900.000 73.634 17.989 167.836
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1/23/2016 8:45:00 AM 421200.000 73.641 17.991 167.851
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1.014 14.791
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1/23/2016 9:10:00 AM 422700.000 73.651 17.990 167.873
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1/23/2016 9:15:00 AM 423000.000 73.665 17.990 167.904
28524.609 32934.219 20.760 22395.271 35.057
1.014 14.781
1/23/2016 9:20:00 AM 423300.000 73.664 17.990 167.903
28539.516 32951.430 20.772 22406.973 35.039
1.014 14.783
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1.014 14.784
1/23/2016 9:30:00 AM 423900.000 73.663 17.991 167.900
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1.014 14.786
1/23/2016 9:35:00 AM 424200.000 73.644 17.991 167.857
28537.686 32948.688 20.770 22405.109 35.041
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1.014 14.788

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28531.354 32940.543 20.764 22399.570 35.049
1.014 14.778
1/23/2016 2:00:00 PM 440100.000 73.617 17.992 167.795
28556.879 32970.340 20.785 22419.832 35.018
1.014 14.777
1/23/2016 2:05:00 PM 440400.000 73.618 17.992 167.798
28540.502 32950.992 20.772 22406.678 35.038
1.014 14.777
1/23/2016 2:10:00 PM 440700.000 73.612 17.992 167.783
28540.717 32951.684 20.772 22407.146 35.038
1.014 14.776
1/23/2016 2:15:00 PM 441000.000 73.610 17.992 167.779
28541.342 32952.016 20.772 22407.371 35.037
1.014 14.775
1/23/2016 2:20:00 PM 441300.000 73.607 17.992 167.773
28522.609 32930.449 20.757 22392.705 35.060
1.014 14.777
1/23/2016 2:25:00 PM 441600.000 73.602 17.992 167.761
28534.313 32944.289 20.767 22402.119 35.046
1.014 14.780
1/23/2016 2:30:00 PM 441900.000 73.592 17.992 167.739
28529.629 32938.492 20.763 22398.176 35.051
1.014 14.782

1/23/2016 2:35:00 PM	442200.000	73.589	17.992	167.733
28515.992	32923.063	20.752	22387.684	35.068
1.014	14.782			
1/23/2016 2:40:00 PM	442500.000	73.584	17.991	167.720
28535.039	32945.316	20.768	22402.814	35.045
1.014	14.782			
1/23/2016 2:45:00 PM	442800.000	73.580	17.990	167.712
28530.637	32940.934	20.765	22399.838	35.050
1.014	14.782			
1/23/2016 2:50:00 PM	443100.000	73.580	17.990	167.711
28530.791	32941.168	20.765	22399.996	35.050
1.014	14.781			
1/23/2016 2:55:00 PM	443400.000	73.576	17.991	167.703
28522.906	32931.750	20.758	22393.592	35.060
1.014	14.779			
1/23/2016 3:00:00 PM	443700.000	73.573	17.990	167.696
28525.018	32934.629	20.760	22395.549	35.057
1.014	14.778			
1/23/2016 3:05:00 PM	444000.000	73.570	17.991	167.689
28503.225	32908.645	20.742	22377.881	35.084
1.014	14.781			
1/23/2016 3:10:00 PM	444300.000	73.564	17.989	167.676
28498.730	32904.984	20.740	22375.389	35.089
1.014	14.783			
1/23/2016 3:15:00 PM	444600.000	73.559	17.991	167.663
28520.262	32928.637	20.756	22391.475	35.063
1.014	14.786			
1/23/2016 3:20:00 PM	444900.000	73.558	17.990	167.660
28502.330	32908.695	20.742	22377.912	35.085
1.014	14.786			
1/23/2016 3:25:00 PM	445200.000	73.556	17.990	167.658
28508.293	32915.383	20.747	22382.461	35.078
1.014	14.785			
1/23/2016 3:30:00 PM	445500.000	73.554	17.990	167.652
28499.139	32905.137	20.740	22375.496	35.089
1.014	14.785			
1/23/2016 3:35:00 PM	445800.000	73.546	17.990	167.635
28492.795	32897.426	20.734	22370.250	35.097
1.014	14.786			
1/23/2016 3:40:00 PM	446100.000	73.541	17.989	167.622
28491.162	32896.117	20.733	22369.359	35.099
1.014	14.788			
1/23/2016 3:45:00 PM	446400.000	73.539	17.990	167.617
28486.664	32890.535	20.730	22365.566	35.104
1.014	14.789			
1/23/2016 3:50:00 PM	446700.000	73.535	17.990	167.609
28485.285	32888.945	20.728	22364.482	35.106
1.014	14.789			
1/23/2016 3:55:00 PM	447000.000	73.534	17.990	167.606
28485.121	32888.754	20.728	22364.355	35.106
1.014	14.788			
1/23/2016 4:00:00 PM	447300.000	73.512	17.989	167.556
28486.045	32890.523	20.730	22365.559	35.105
1.014	14.787			
1/23/2016 4:05:00 PM	447600.000	73.528	17.989	167.592
28484.229	32888.113	20.728	22363.918	35.107
1.014	14.786			
1/23/2016 4:10:00 PM	447900.000	73.525	17.990	167.586

28480.695 32883.770 20.725 22360.963 35.112
1.014 14.786
1/23/2016 4:15:00 PM 448200.000 73.524 17.989 167.584
28469.145 32870.695 20.716 22352.074 35.126
1.014 14.786
1/23/2016 4:20:00 PM 448500.000 73.499 17.989 167.527
28463.521 32864.074 20.711 22347.572 35.133
1.014 14.787
1/23/2016 4:25:00 PM 448800.000 73.517 17.989 167.568
28476.230 32879.129 20.722 22357.809 35.117
1.014 14.789
1/23/2016 4:30:00 PM 449100.000 73.512 17.989 167.557
28460.785 32861.551 20.709 22345.855 35.136
1.014 14.790
1/23/2016 4:35:00 PM 449400.000 73.504 17.989 167.539
28461.344 32862.195 20.710 22346.295 35.135
1.014 14.792
1/23/2016 4:40:00 PM 449700.000 73.501 17.989 167.532
28463.861 32864.848 20.712 22348.098 35.132
1.014 14.794
1/23/2016 4:45:00 PM 450000.000 73.501 17.988 167.532
28441.652 32839.777 20.694 22331.049 35.160
1.014 14.797
1/23/2016 4:50:00 PM 450300.000 73.502 17.988 167.533
28462.441 32863.973 20.711 22347.504 35.134
1.014 14.793
1/23/2016 4:55:00 PM 450600.000 73.501 17.989 167.531
28458.691 32859.008 20.708 22344.125 35.139
1.014 14.788
1/23/2016 5:00:00 PM 450900.000 73.502 17.989 167.534
28446.746 32845.215 20.698 22334.748 35.153
1.014 14.784
1/23/2016 5:05:00 PM 451200.000 73.500 17.988 167.530
28445.740 32844.496 20.698 22334.260 35.155
1.014 14.786
1/23/2016 5:10:00 PM 451500.000 73.501 17.988 167.531
28448.791 32847.824 20.700 22336.523 35.151
1.014 14.788
1/23/2016 5:15:00 PM 451800.000 73.476 17.988 167.474
28434.236 32831.336 20.688 22325.311 35.169
1.014 14.790
1/23/2016 5:20:00 PM 452100.000 73.489 17.988 167.505
28447.967 32847.133 20.699 22336.053 35.152
1.014 14.790
1/23/2016 5:25:00 PM 452400.000 73.474 17.988 167.471
28438.014 32835.641 20.691 22328.238 35.164
1.014 14.791
1/23/2016 5:30:00 PM 452700.000 73.487 17.988 167.499
28447.346 32846.672 20.699 22335.736 35.153
1.014 14.792
1/23/2016 5:35:00 PM 453000.000 73.481 17.988 167.485
28453.957 32854.363 20.704 22340.967 35.144
1.014 14.792
1/23/2016 5:40:00 PM 453300.000 73.462 17.988 167.442
28449.184 32848.223 20.700 22336.793 35.150
1.014 14.793
1/23/2016 5:45:00 PM 453600.000 73.483 17.988 167.489
28435.984 32833.676 20.690 22326.902 35.167

1.014 14.794
1/23/2016 5:50:00 PM 453900.000 73.477 17.987 167.477
28435.287 32833.063 20.690 22326.482 35.168
1.014 14.796
1/23/2016 5:55:00 PM 454200.000 73.456 17.988 167.429
28447.252 32846.563 20.699 22335.662 35.153
1.014 14.798
1/23/2016 6:00:00 PM 454500.000 73.472 17.987 167.466
28446.652 32846.059 20.699 22335.322 35.154
1.014 14.800
1/23/2016 6:05:00 PM 454800.000 73.452 17.988 167.421
28447.854 32847.258 20.699 22336.137 35.152
1.014 14.802
1/23/2016 6:10:00 PM 455100.000 73.464 17.987 167.447
28435.268 32833.227 20.690 22326.596 35.168
1.014 14.805
1/23/2016 6:15:00 PM 455400.000 73.461 17.988 167.441
28432.760 32829.953 20.687 22324.369 35.171
1.014 14.807
1/23/2016 6:20:00 PM 455700.000 73.440 17.987 167.391
28454.043 32854.594 20.705 22341.123 35.144
1.014 14.805
1/23/2016 6:25:00 PM 456000.000 73.464 17.987 167.446
28437.328 32835.293 20.691 22328.002 35.165
1.014 14.803
1/23/2016 6:30:00 PM 456300.000 73.468 17.988 167.457
28428.211 32824.699 20.684 22320.795 35.176
1.014 14.800
1/23/2016 6:35:00 PM 456600.000 73.464 17.986 167.447
28429.385 32826.820 20.685 22322.238 35.175
1.014 14.801
1/23/2016 6:40:00 PM 456900.000 73.462 17.988 167.444
28446.469 32845.270 20.698 22334.783 35.154
1.014 14.801
1/23/2016 6:45:00 PM 457200.000 73.465 17.987 167.450
28437.643 32835.910 20.692 22328.420 35.165
1.014 14.802
1/23/2016 6:50:00 PM 457500.000 73.464 17.988 167.448
28440.498 32838.691 20.694 22330.311 35.161
1.014 14.802
1/23/2016 6:55:00 PM 457800.000 73.462 17.987 167.443
28421.221 32816.883 20.678 22315.480 35.185
1.014 14.802
1/23/2016 7:00:00 PM 458100.000 73.447 17.988 167.407
28433.293 32830.504 20.688 22324.744 35.170
1.014 14.802
1/23/2016 7:05:00 PM 458400.000 73.463 17.987 167.445
28442.717 32841.574 20.696 22332.273 35.158
1.014 14.802
1/23/2016 7:10:00 PM 458700.000 73.467 17.987 167.454
28422.113 32817.785 20.679 22316.096 35.184
1.014 14.803
1/23/2016 7:15:00 PM 459000.000 73.470 17.987 167.462
28429.322 32826.363 20.685 22321.928 35.175
1.014 14.804
1/23/2016 7:20:00 PM 459300.000 73.471 17.987 167.463
28443.141 32842.570 20.696 22332.949 35.158
1.014 14.804

1/23/2016 7:25:00 PM	459600.000	73.452	17.987	167.421
28420.090	32815.449	20.677	22314.506	35.186
1.014	14.804			
1/23/2016 7:30:00 PM	459900.000	73.473	17.987	167.467
28432.350	32830.051	20.688	22324.436	35.171
1.014	14.805			
1/23/2016 7:35:00 PM	460200.000	73.472	17.987	167.466
28435.887	32833.883	20.690	22327.041	35.167
1.014	14.803			
1/23/2016 7:40:00 PM	460500.000	73.473	17.987	167.468
28423.871	32819.754	20.680	22317.434	35.182
1.014	14.801			
1/23/2016 7:45:00 PM	460800.000	73.477	17.987	167.477
28449.416	32849.250	20.701	22337.492	35.150
1.014	14.799			
1/23/2016 7:50:00 PM	461100.000	73.457	17.987	167.432
28451.170	32851.648	20.702	22339.123	35.148
1.014	14.802			
1/23/2016 7:55:00 PM	461400.000	73.480	17.988	167.484
28427.580	32823.848	20.683	22320.217	35.177
1.014	14.805			
1/23/2016 8:00:00 PM	461700.000	73.452	17.987	167.421
28433.166	32830.613	20.688	22324.818	35.170
1.014	14.808			
1/23/2016 8:05:00 PM	462000.000	73.471	17.987	167.463
28445.246	32844.945	20.698	22334.564	35.155
1.014	14.807			
1/23/2016 8:10:00 PM	462300.000	73.479	17.987	167.481
28449.270	32849.082	20.701	22337.377	35.150
1.014	14.807			
1/23/2016 8:15:00 PM	462600.000	73.479	17.988	167.482
28454.977	32855.410	20.705	22341.680	35.143
1.014	14.806			
1/23/2016 8:20:00 PM	462900.000	73.479	17.987	167.481
28439.646	32838.535	20.693	22330.205	35.162
1.014	14.806			
1/23/2016 8:25:00 PM	463200.000	73.487	17.988	167.499
28427.598	32823.426	20.683	22319.932	35.177
1.014	14.806			
1/23/2016 8:30:00 PM	463500.000	73.467	17.987	167.453
28445.215	32844.652	20.698	22334.363	35.155
1.014	14.806			
1/23/2016 8:35:00 PM	463800.000	73.473	17.988	167.469
28447.318	32846.641	20.699	22335.719	35.153
1.014	14.806			
1/23/2016 8:40:00 PM	464100.000	73.493	17.988	167.514
28452.076	32851.879	20.703	22339.279	35.147
1.014	14.807			
1/23/2016 8:45:00 PM	464400.000	73.470	17.987	167.462
28452.057	32852.613	20.703	22339.779	35.147
1.014	14.808			
1/23/2016 8:50:00 PM	464700.000	73.494	17.988	167.515
28453.088	32853.359	20.704	22340.287	35.146
1.014	14.808			
1/23/2016 8:55:00 PM	465000.000	73.498	17.988	167.526
28460.836	32862.309	20.710	22346.371	35.136
1.014	14.809			
1/23/2016 9:00:00 PM	465300.000	73.496	17.988	167.520

28451.910 32851.371 20.702 22338.932 35.147
1.014 14.810
1/23/2016 9:05:00 PM 465600.000 73.499 17.988 167.527
28471.201 32873.961 20.718 22354.293 35.123
1.014 14.811
1/23/2016 9:10:00 PM 465900.000 73.503 17.988 167.535
28456.941 32857.875 20.707 22343.357 35.141
1.014 14.811
1/23/2016 9:15:00 PM 466200.000 73.484 17.988 167.493
28457.459 32857.777 20.707 22343.291 35.140
1.014 14.812
1/23/2016 9:20:00 PM 466500.000 73.504 17.988 167.538
28468.756 32871.266 20.716 22352.463 35.126
1.014 14.811
1/23/2016 9:25:00 PM 466800.000 73.512 17.988 167.557
28477.006 32880.402 20.722 22358.676 35.116
1.014 14.809
1/23/2016 9:30:00 PM 467100.000 73.517 17.989 167.567
28465.301 32866.766 20.713 22349.402 35.130
1.014 14.808
1/23/2016 9:35:00 PM 467400.000 73.517 17.988 167.568
28478.611 32882.645 20.724 22360.201 35.114
1.014 14.810
1/23/2016 9:40:00 PM 467700.000 73.498 17.988 167.524
28461.025 32862.145 20.710 22346.258 35.136
1.014 14.813
1/23/2016 9:45:00 PM 468000.000 73.514 17.988 167.561
28461.725 32862.758 20.710 22346.678 35.135
1.014 14.816
1/23/2016 9:50:00 PM 468300.000 73.519 17.989 167.573
28472.393 32874.953 20.719 22354.969 35.122
1.014 14.813
1/23/2016 9:55:00 PM 468600.000 73.521 17.989 167.578
28475.594 32878.332 20.721 22357.268 35.118
1.014 14.810
1/23/2016 10:00:00 PM 468900.000 73.533 17.988 167.604
28468.447 32870.715 20.716 22352.088 35.127
1.014 14.807
1/23/2016 10:05:00 PM 469200.000 73.508 17.989 167.547
28474.064 32876.434 20.720 22355.977 35.120
1.014 14.810
1/23/2016 10:10:00 PM 469500.000 73.529 17.989 167.595
28491.984 32897.012 20.734 22369.971 35.098
1.014 14.813
1/23/2016 10:15:00 PM 469800.000 73.528 17.988 167.592
28494.717 32901.113 20.737 22372.760 35.094
1.014 14.815
1/23/2016 10:20:00 PM 470100.000 73.517 17.988 167.567
28471.730 32874.313 20.718 22354.533 35.123
1.014 14.815
1/23/2016 10:25:00 PM 470400.000 73.537 17.990 167.613
28495.373 32900.719 20.737 22372.490 35.093
1.014 14.815
1/23/2016 10:30:00 PM 470700.000 73.514 17.989 167.560
28480.672 32884.449 20.725 22361.428 35.112
1.014 14.814
1/23/2016 10:35:00 PM 471000.000 73.541 17.989 167.622
28500.893 32907.734 20.741 22377.260 35.087

1.014 14.814
1/23/2016 10:40:00 PM 471300.000 73.526 17.990 167.588
28490.732 32895.434 20.733 22368.896 35.099
1.014 14.814
1/23/2016 10:45:00 PM 471600.000 73.546 17.989 167.633
28497.182 32902.941 20.738 22374.000 35.091
1.014 14.814
1/23/2016 10:50:00 PM 471900.000 73.548 17.989 167.639
28499.369 32905.781 20.740 22375.934 35.088
1.014 14.815
1/23/2016 10:55:00 PM 472200.000 73.554 17.989 167.652
28495.027 32900.895 20.737 22372.609 35.094
1.014 14.815
1/23/2016 11:00:00 PM 472500.000 73.552 17.989 167.648
28491.725 32897.211 20.734 22370.104 35.098
1.014 14.815
1/23/2016 11:05:00 PM 472800.000 73.554 17.989 167.653
28513.135 32921.617 20.751 22386.699 35.072
1.014 14.814
1/23/2016 11:10:00 PM 473100.000 73.564 17.990 167.676
28501.127 32907.234 20.741 22376.920 35.086
1.014 14.812
1/23/2016 11:15:00 PM 473400.000 73.568 17.989 167.683
28512.193 32920.273 20.750 22385.787 35.073
1.014 14.811
1/23/2016 11:20:00 PM 473700.000 73.566 17.990 167.681
28503.754 32910.215 20.743 22378.947 35.083
1.014 14.812
1/23/2016 11:25:00 PM 474000.000 73.563 17.990 167.673
28511.387 32919.082 20.749 22384.977 35.074
1.014 14.813
1/23/2016 11:30:00 PM 474300.000 73.563 17.990 167.674
28509.572 32916.859 20.748 22383.467 35.076
1.014 14.814
1/23/2016 11:35:00 PM 474600.000 73.572 17.990 167.694
28508.551 32915.434 20.747 22382.496 35.077
1.014 14.813
1/23/2016 11:40:00 PM 474900.000 73.569 17.990 167.687
28515.250 32923.414 20.752 22387.922 35.069
1.014 14.812
1/23/2016 11:45:00 PM 475200.000 73.573 17.990 167.696
28507.996 32914.977 20.747 22382.186 35.078
1.014 14.811
1/23/2016 11:50:00 PM 475500.000 73.569 17.990 167.686
28519.148 32928.168 20.756 22391.154 35.064
1.014 14.813
1/23/2016 11:55:00 PM 475800.000 73.572 17.990 167.692
28513.535 32921.371 20.751 22386.533 35.071
1.014 14.815
1/24/2016 12:00:00 AM 476100.000 73.569 17.990 167.685
28522.764 32931.902 20.758 22393.693 35.060
1.014 14.816
1/24/2016 12:05:00 AM 476400.000 73.571 17.990 167.691
28512.922 32920.605 20.750 22386.014 35.072
1.014 14.816
1/24/2016 12:10:00 AM 476700.000 73.574 17.991 167.698
28529.818 32939.672 20.764 22398.977 35.051
1.014 14.816

1/24/2016 12:15:00 AM 477000.000 73.575 17.991 167.700
28524.010 32933.023 20.759 22394.459 35.058
1.014 14.816
1/24/2016 12:20:00 AM 477300.000 73.576 17.991 167.702
28528.445 32937.949 20.762 22397.809 35.053
1.014 14.815
1/24/2016 12:25:00 AM 477600.000 73.555 17.991 167.656
28525.682 32934.762 20.760 22395.639 35.056
1.014 14.815
1/24/2016 12:30:00 AM 477900.000 73.577 17.990 167.705
28526.973 32936.762 20.762 22397.000 35.055
1.014 14.814
1/24/2016 12:35:00 AM 478200.000 73.582 17.991 167.716
28512.342 32919.492 20.750 22385.258 35.073
1.014 14.812
1/24/2016 12:40:00 AM 478500.000 73.584 17.991 167.720
28518.498 32926.219 20.754 22389.830 35.065
1.014 14.810
1/24/2016 12:45:00 AM 478800.000 73.585 17.991 167.723
28515.670 32923.336 20.752 22387.871 35.068
1.014 14.808
1/24/2016 12:50:00 AM 479100.000 73.577 17.991 167.704
28524.273 32933.270 20.759 22394.625 35.058
1.014 14.811
1/24/2016 12:55:00 AM 479400.000 73.582 17.991 167.715
28520.680 32929.246 20.756 22391.887 35.062
1.014 14.814
1/24/2016 1:00:00 AM 479700.000 73.579 17.990 167.710
28519.086 32927.844 20.755 22390.934 35.064
1.014 14.816
1/24/2016 1:05:00 AM 480000.000 73.580 17.990 167.711
28537.004 32948.344 20.770 22404.875 35.042
1.014 14.817
1/24/2016 1:10:00 AM 480300.000 73.580 17.990 167.711
28535.365 32946.395 20.768 22403.549 35.044
1.014 14.817
1/24/2016 1:15:00 AM 480600.000 73.580 17.991 167.712
28518.701 32926.578 20.755 22390.076 35.065
1.014 14.817
1/24/2016 1:20:00 AM 480900.000 73.580 17.991 167.711
28543.199 32954.926 20.774 22409.352 35.035
1.014 14.815
1/24/2016 1:25:00 AM 481200.000 73.586 17.991 167.724
28514.779 32922.367 20.752 22387.211 35.070
1.014 14.813
1/24/2016 1:30:00 AM 481500.000 73.590 17.991 167.734
28540.277 32951.488 20.772 22407.014 35.038
1.014 14.811
1/24/2016 1:35:00 AM 481800.000 73.586 17.991 167.726
28529.100 32938.645 20.763 22398.281 35.052
1.014 14.814
1/24/2016 1:40:00 AM 482100.000 73.579 17.991 167.710
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1.014 14.829
1/24/2016 5:00:00 AM 494100.000 73.563 17.990 167.672
28480.689 32883.324 20.725 22360.660 35.112
1.014 14.830

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1/24/2016 5:10:00 AM	494700.000	73.563	17.991	167.674
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1.014	14.828			
1/24/2016 5:15:00 AM	495000.000	73.543	17.990	167.626
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1.014	14.826			
1/24/2016 5:20:00 AM	495300.000	73.545	17.990	167.633
28508.068	32915.000	20.747	22382.203	35.078
1.014	14.828			
1/24/2016 5:25:00 AM	495600.000	73.544	17.991	167.630
28503.939	32909.727	20.743	22378.617	35.083
1.014	14.830			
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28509.818	32916.707	20.748	22383.361	35.076
1.014	14.832			
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28509.043	32916.445	20.748	22383.184	35.077
1.014	14.830			
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1.014	14.828			
1/24/2016 5:45:00 AM	496800.000	73.575	17.990	167.699
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1.014	14.826			
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1.014	14.830			
1/24/2016 6:00:00 AM	497700.000	73.573	17.991	167.695
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28501.744 32907.316 20.741 22376.977 35.086
1.014 14.825
1/24/2016 1:35:00 PM 525000.000 73.619 17.991 167.800
28501.648 32907.145 20.741 22376.859 35.086
1.014 14.823
1/24/2016 1:40:00 PM 525300.000 73.621 17.990 167.805
28504.994 32911.195 20.744 22379.613 35.082
1.014 14.822
1/24/2016 1:45:00 PM 525600.000 73.615 17.990 167.791
28483.418 32886.352 20.727 22362.721 35.108
1.014 14.820
1/24/2016 1:50:00 PM 525900.000 73.608 17.990 167.775
28473.225 32874.832 20.719 22354.887 35.121
1.014 14.820
1/24/2016 1:55:00 PM 526200.000 73.613 17.991 167.787
28488.693 32892.316 20.731 22366.775 35.102
1.014 14.821
1/24/2016 2:00:00 PM 526500.000 73.601 17.990 167.760
28462.756 32862.617 20.710 22346.580 35.134
1.014 14.821
1/24/2016 2:05:00 PM 526800.000 73.595 17.990 167.745
28458.621 32858.156 20.707 22343.547 35.139
1.014 14.820
1/24/2016 2:10:00 PM 527100.000 73.591 17.990 167.736
28479.619 32882.473 20.724 22360.082 35.113
1.014 14.820
1/24/2016 2:15:00 PM 527400.000 73.591 17.989 167.736
28463.363 32864.270 20.711 22347.703 35.133
1.014 14.820
1/24/2016 2:20:00 PM 527700.000 73.584 17.989 167.720
28451.934 32851.141 20.702 22338.775 35.147
1.014 14.818
1/24/2016 2:25:00 PM 528000.000 73.581 17.989 167.713
28447.547 32845.703 20.698 22335.080 35.152
1.014 14.817
1/24/2016 2:30:00 PM 528300.000 73.581 17.989 167.714
28447.340 32845.961 20.699 22335.254 35.153
1.014 14.815
1/24/2016 2:35:00 PM 528600.000 73.575 17.988 167.700
28441.432 32839.328 20.694 22330.746 35.160
1.014 14.815
1/24/2016 2:40:00 PM 528900.000 73.570 17.988 167.688
28422.367 32817.574 20.679 22315.953 35.184
1.014 14.814

1/24/2016 2:45:00 PM	529200.000	73.562	17.988	167.669
28416.359	32810.504	20.674	22311.145	35.191
1.014	14.814			
1/24/2016 2:50:00 PM	529500.000	73.540	17.989	167.621
28400.789	32792.277	20.661	22298.750	35.210
1.014	14.817			
1/24/2016 2:55:00 PM	529800.000	73.553	17.989	167.650
28420.320	32814.828	20.677	22314.086	35.186
1.014	14.819			
1/24/2016 3:00:00 PM	530100.000	73.548	17.987	167.638
28420.373	32815.715	20.678	22314.686	35.186
1.014	14.822			
1/24/2016 3:05:00 PM	530400.000	73.524	17.988	167.585
28408.041	32801.160	20.668	22304.791	35.201
1.014	14.822			
1/24/2016 3:10:00 PM	530700.000	73.540	17.987	167.620
28415.287	32810.094	20.674	22310.863	35.192
1.014	14.822			
1/24/2016 3:15:00 PM	531000.000	73.535	17.987	167.608
28388.139	32778.750	20.652	22289.553	35.226
1.014	14.823			
1/24/2016 3:20:00 PM	531300.000	73.533	17.988	167.604
28381.063	32770.195	20.646	22283.732	35.235
1.014	14.823			
1/24/2016 3:25:00 PM	531600.000	73.524	17.987	167.585
28387.121	32777.695	20.651	22288.836	35.227
1.014	14.824			
1/24/2016 3:30:00 PM	531900.000	73.499	17.987	167.526
28383.045	32772.988	20.648	22285.633	35.232
1.014	14.824			
1/24/2016 3:35:00 PM	532200.000	73.512	17.987	167.557
28387.010	32777.320	20.651	22288.580	35.227
1.014	14.825			
1/24/2016 3:40:00 PM	532500.000	73.494	17.987	167.515
28376.857	32765.910	20.643	22280.818	35.240
1.014	14.825			
1/24/2016 3:45:00 PM	532800.000	73.505	17.986	167.541
28372.359	32761.664	20.640	22277.934	35.246
1.014	14.826			
1/24/2016 3:50:00 PM	533100.000	73.503	17.987	167.535
28365.650	32752.842	20.634	22271.934	35.254
1.014	14.826			
1/24/2016 3:55:00 PM	533400.000	73.493	17.987	167.514
28372.250	32760.779	20.639	22277.330	35.246
1.014	14.827			
1/24/2016 4:00:00 PM	533700.000	73.490	17.987	167.507
28360.744	32747.494	20.630	22268.297	35.260
1.014	14.827			
1/24/2016 4:05:00 PM	534000.000	73.489	17.986	167.503
28381.895	32772.168	20.647	22285.076	35.234
1.014	14.826			
1/24/2016 4:10:00 PM	534300.000	73.486	17.986	167.497
28362.389	32749.590	20.632	22269.723	35.258
1.014	14.826			
1/24/2016 4:15:00 PM	534600.000	73.480	17.986	167.483
28374.580	32763.908	20.642	22279.459	35.243
1.014	14.826			
1/24/2016 4:20:00 PM	534900.000	73.473	17.987	167.468

28373.918	32762.705	20.641	22278.641	35.244
1.014	14.826			
1/24/2016 4:25:00 PM	535200.000	73.472	17.986	167.466
28372.461	32761.588	20.640	22277.881	35.245
1.014	14.827			
1/24/2016 4:30:00 PM	535500.000	73.447	17.986	167.409
28371.268	32760.150	20.639	22276.902	35.247
1.014	14.828			
1/24/2016 4:35:00 PM	535800.000	73.460	17.986	167.439
28354.330	32740.785	20.626	22263.734	35.268
1.014	14.830			
1/24/2016 4:40:00 PM	536100.000	73.452	17.986	167.420
28355.379	32741.863	20.626	22264.467	35.267
1.014	14.832			
1/24/2016 4:45:00 PM	536400.000	73.449	17.986	167.413
28373.645	32763.088	20.641	22278.902	35.244
1.014	14.835			
1/24/2016 4:50:00 PM	536700.000	73.446	17.985	167.406
28364.330	32752.586	20.634	22271.760	35.256
1.014	14.833			
1/24/2016 4:55:00 PM	537000.000	73.446	17.985	167.405
28358.895	32746.309	20.629	22267.490	35.262
1.014	14.831			
1/24/2016 5:00:00 PM	537300.000	73.444	17.986	167.400
28358.324	32745.330	20.629	22266.824	35.263
1.014	14.829			
1/24/2016 5:05:00 PM	537600.000	73.438	17.986	167.389
28368.438	32756.816	20.637	22274.635	35.250
1.014	14.827			
1/24/2016 5:10:00 PM	537900.000	73.434	17.985	167.379
28351.705	32738.250	20.624	22262.010	35.271
1.014	14.825			
1/24/2016 5:15:00 PM	538200.000	73.433	17.985	167.377
28361.311	32749.039	20.631	22269.348	35.259
1.014	14.823			
1/24/2016 5:20:00 PM	538500.000	73.410	17.985	167.325
28350.289	32736.432	20.623	22260.775	35.273
1.014	14.823			
1/24/2016 5:25:00 PM	538800.000	73.424	17.985	167.356
28361.223	32749.059	20.631	22269.359	35.259
1.014	14.822			
1/24/2016 5:30:00 PM	539100.000	73.404	17.986	167.309
28356.672	32743.422	20.627	22265.527	35.265
1.014	14.821			
1/24/2016 5:35:00 PM	539400.000	73.418	17.985	167.342
28360.037	32747.568	20.630	22268.350	35.261
1.014	14.825			
1/24/2016 5:40:00 PM	539700.000	73.415	17.985	167.336
28367.254	32755.961	20.636	22274.053	35.252
1.014	14.829			
1/24/2016 5:45:00 PM	540000.000	73.414	17.984	167.332
28354.232	32741.500	20.626	22264.221	35.268
1.014	14.832			
1/24/2016 5:50:00 PM	540300.000	73.410	17.985	167.325
28361.365	32749.223	20.631	22269.473	35.259
1.014	14.834			
1/24/2016 5:55:00 PM	540600.000	73.406	17.985	167.314
28345.289	32730.842	20.619	22256.973	35.279

1.014 14.836
1/24/2016 6:00:00 PM 540900.000 73.402 17.985 167.305
28350.836 32737.004 20.623 22261.164 35.272
1.014 14.837
1/24/2016 6:05:00 PM 541200.000 73.398 17.985 167.297
28356.654 32743.783 20.628 22265.773 35.265
1.014 14.839
1/24/2016 6:10:00 PM 541500.000 73.394 17.985 167.288
28362.188 32750.111 20.632 22270.076 35.258
1.014 14.841
1/24/2016 6:15:00 PM 541800.000 73.393 17.985 167.285
28358.670 32746.049 20.629 22267.313 35.263
1.014 14.843
1/24/2016 6:20:00 PM 542100.000 73.391 17.985 167.282
28358.480 32745.830 20.629 22267.164 35.263
1.014 14.842
1/24/2016 6:25:00 PM 542400.000 73.372 17.986 167.237
28358.537 32745.643 20.629 22267.039 35.263
1.014 14.841
1/24/2016 6:30:00 PM 542700.000 73.369 17.985 167.230
28368.330 32757.447 20.637 22275.066 35.251
1.014 14.840
1/24/2016 6:35:00 PM 543000.000 73.390 17.985 167.279
28356.197 32743.068 20.627 22265.287 35.266
1.014 14.838
1/24/2016 6:40:00 PM 543300.000 73.389 17.985 167.275
28335.236 32719.117 20.611 22249.000 35.292
1.014 14.837
1/24/2016 6:45:00 PM 543600.000 73.390 17.985 167.278
28372.045 32761.619 20.640 22277.900 35.246
1.014 14.835
1/24/2016 6:50:00 PM 543900.000 73.390 17.985 167.279
28357.912 32745.490 20.629 22266.936 35.264
1.014 14.836
1/24/2016 6:55:00 PM 544200.000 73.386 17.985 167.270
28351.566 32737.848 20.624 22261.738 35.271
1.014 14.837
1/24/2016 7:00:00 PM 544500.000 73.361 17.985 167.213
28362.314 32750.703 20.632 22270.479 35.258
1.014 14.837
1/24/2016 7:05:00 PM 544800.000 73.383 17.985 167.263
28353.256 32740.041 20.625 22263.229 35.269
1.014 14.837
1/24/2016 7:10:00 PM 545100.000 73.377 17.984 167.248
28344.365 32730.105 20.618 22256.473 35.280
1.014 14.836
1/24/2016 7:15:00 PM 545400.000 73.358 17.985 167.207
28333.660 32717.359 20.609 22247.807 35.294
1.014 14.836
1/24/2016 7:20:00 PM 545700.000 73.378 17.985 167.252
28338.260 32722.725 20.613 22251.453 35.288
1.014 14.836
1/24/2016 7:25:00 PM 546000.000 73.381 17.985 167.258
28362.801 32750.881 20.633 22270.602 35.257
1.014 14.837
1/24/2016 7:30:00 PM 546300.000 73.372 17.985 167.237
28376.867 32767.123 20.644 22281.645 35.240
1.014 14.838

1/24/2016 7:35:00 PM	546600.000	73.376	17.985	167.246
28358.799	32746.387	20.629	22267.543	35.262
1.014	14.837			
1/24/2016 7:40:00 PM	546900.000	73.375	17.984	167.243
28343.031	32728.934	20.617	22255.676	35.282
1.014	14.836			
1/24/2016 7:45:00 PM	547200.000	73.376	17.986	167.246
28373.516	32763.000	20.641	22278.842	35.244
1.014	14.835			
1/24/2016 7:50:00 PM	547500.000	73.379	17.985	167.254
28364.809	32753.199	20.634	22272.176	35.255
1.014	14.837			
1/24/2016 7:55:00 PM	547800.000	73.373	17.985	167.239
28367.576	32756.779	20.637	22274.611	35.252
1.014	14.839			
1/24/2016 8:00:00 PM	548100.000	73.373	17.985	167.240
28366.195	32755.113	20.636	22273.479	35.253
1.014	14.841			
1/24/2016 8:05:00 PM	548400.000	73.376	17.984	167.246
28368.947	32758.492	20.638	22275.775	35.250
1.014	14.843			
1/24/2016 8:10:00 PM	548700.000	73.378	17.985	167.251
28345.648	32731.203	20.619	22257.219	35.279
1.014	14.844			
1/24/2016 8:15:00 PM	549000.000	73.352	17.985	167.192
28367.070	32755.992	20.636	22274.074	35.252
1.014	14.846			
1/24/2016 8:20:00 PM	549300.000	73.376	17.986	167.246
28371.883	32761.055	20.640	22277.520	35.246
1.014	14.847			
1/24/2016 8:25:00 PM	549600.000	73.356	17.984	167.201
28352.414	32739.400	20.625	22262.795	35.270
1.014	14.848			
1/24/2016 8:30:00 PM	549900.000	73.371	17.985	167.236
28372.279	32761.953	20.640	22278.129	35.246
1.014	14.849			
1/24/2016 8:35:00 PM	550200.000	73.377	17.985	167.249
28359.443	32747.258	20.630	22268.135	35.262
1.014	14.848			
1/24/2016 8:40:00 PM	550500.000	73.376	17.985	167.246
28348.463	32734.637	20.621	22259.555	35.275
1.014	14.847			
1/24/2016 8:45:00 PM	550800.000	73.364	17.984	167.219
28347.510	32733.791	20.621	22258.980	35.276
1.014	14.847			
1/24/2016 8:50:00 PM	551100.000	73.385	17.985	167.266
28381.434	32772.836	20.648	22285.529	35.234
1.014	14.847			
1/24/2016 8:55:00 PM	551400.000	73.384	17.985	167.265
28359.123	32746.762	20.630	22267.799	35.262
1.014	14.848			
1/24/2016 9:00:00 PM	551700.000	73.383	17.985	167.263
28373.346	32762.996	20.641	22278.840	35.244
1.014	14.849			
1/24/2016 9:05:00 PM	552000.000	73.386	17.985	167.269
28358.510	32746.053	20.629	22267.316	35.263
1.014	14.848			
1/24/2016 9:10:00 PM	552300.000	73.390	17.985	167.278

28376.070 32766.203 20.643 22281.020 35.241
1.014 14.848
1/24/2016 9:15:00 PM 552600.000 73.394 17.985 167.287
28353.939 32740.961 20.626 22263.855 35.268
1.014 14.848
1/24/2016 9:20:00 PM 552900.000 73.393 17.985 167.286
28366.574 32755.623 20.636 22273.824 35.253
1.014 14.849
1/24/2016 9:25:00 PM 553200.000 73.390 17.985 167.279
28363.188 32751.713 20.633 22271.166 35.257
1.014 14.850
1/24/2016 9:30:00 PM 553500.000 73.394 17.984 167.287
28369.217 32758.857 20.638 22276.023 35.249
1.014 14.851
1/24/2016 9:35:00 PM 553800.000 73.394 17.985 167.288
28352.047 32738.463 20.624 22262.156 35.271
1.014 14.850
1/24/2016 9:40:00 PM 554100.000 73.402 17.985 167.307
28349.309 32735.686 20.622 22260.268 35.274
1.014 14.849
1/24/2016 9:45:00 PM 554400.000 73.408 17.985 167.318
28360.078 32748.178 20.631 22268.762 35.261
1.014 14.847
1/24/2016 9:50:00 PM 554700.000 73.411 17.985 167.327
28363.262 32751.727 20.633 22271.176 35.257
1.014 14.848
1/24/2016 9:55:00 PM 555000.000 73.404 17.985 167.311
28363.211 32751.795 20.633 22271.221 35.257
1.014 14.848
1/24/2016 10:00:00 PM 555300.000 73.388 17.984 167.273
28357.432 32745.248 20.629 22266.771 35.264
1.014 14.849
1/24/2016 10:05:00 PM 555600.000 73.397 17.985 167.294
28366.660 32755.723 20.636 22273.893 35.253
1.014 14.849
1/24/2016 10:10:00 PM 555900.000 73.416 17.985 167.337
28366.479 32755.381 20.636 22273.660 35.253
1.014 14.848
1/24/2016 10:15:00 PM 556200.000 73.416 17.985 167.338
28357.619 32745.338 20.629 22266.830 35.264
1.014 14.848
1/24/2016 10:20:00 PM 556500.000 73.419 17.985 167.345
28369.357 32758.893 20.638 22276.049 35.249
1.014 14.850
1/24/2016 10:25:00 PM 556800.000 73.422 17.985 167.350
28353.873 32740.957 20.626 22263.854 35.269
1.014 14.851
1/24/2016 10:30:00 PM 557100.000 73.415 17.985 167.335
28347.484 32733.580 20.621 22258.834 35.277
1.014 14.853
1/24/2016 10:35:00 PM 557400.000 73.422 17.985 167.352
28355.268 32742.121 20.627 22264.643 35.267
1.014 14.853
1/24/2016 10:40:00 PM 557700.000 73.407 17.985 167.318
28355.174 32742.139 20.627 22264.656 35.267
1.014 14.854
1/24/2016 10:45:00 PM 558000.000 73.409 17.984 167.322
28377.963 32768.902 20.645 22282.854 35.239

1.014 14.854
1/24/2016 10:50:00 PM 558300.000 73.431 17.984 167.371
28348.947 32735.832 20.622 22260.367 35.275
1.014 14.854
1/24/2016 10:55:00 PM 558600.000 73.430 17.986 167.370
28359.770 32747.066 20.630 22268.008 35.261
1.014 14.853
1/24/2016 11:00:00 PM 558900.000 73.437 17.985 167.386
28359.012 32746.891 20.630 22267.887 35.262
1.014 14.853
1/24/2016 11:05:00 PM 559200.000 73.440 17.985 167.393
28367.184 32756.006 20.636 22274.084 35.252
1.014 14.853
1/24/2016 11:10:00 PM 559500.000 73.441 17.985 167.394
28348.092 32734.209 20.621 22259.262 35.276
1.014 14.852
1/24/2016 11:15:00 PM 559800.000 73.445 17.985 167.404
28363.002 32751.555 20.633 22271.057 35.257
1.014 14.852
1/24/2016 11:20:00 PM 560100.000 73.448 17.985 167.411
28352.664 32739.357 20.625 22262.764 35.270
1.014 14.851
1/24/2016 11:25:00 PM 560400.000 73.446 17.985 167.405
28361.748 32749.979 20.632 22269.986 35.259
1.014 14.851
1/24/2016 11:30:00 PM 560700.000 73.429 17.986 167.367
28354.658 32741.225 20.626 22264.035 35.268
1.014 14.850
1/24/2016 11:35:00 PM 561000.000 73.452 17.985 167.419
28358.986 32746.789 20.630 22267.816 35.262
1.014 14.850
1/24/2016 11:40:00 PM 561300.000 73.455 17.985 167.427
28355.951 32743.100 20.627 22265.311 35.266
1.014 14.850
1/24/2016 11:45:00 PM 561600.000 73.458 17.985 167.433
28358.186 32745.680 20.629 22267.063 35.263
1.014 14.849
1/24/2016 11:50:00 PM 561900.000 73.455 17.986 167.426
28359.115 32746.244 20.629 22267.447 35.262
1.014 14.850
1/24/2016 11:55:00 PM 562200.000 73.462 17.984 167.442
28366.988 32756.355 20.636 22274.322 35.252
1.014 14.850
1/25/2016 12:00:00 AM 562500.000 73.462 17.986 167.443
28350.180 32735.799 20.622 22260.346 35.273
1.014 14.851
1/25/2016 12:05:00 AM 562800.000 73.463 17.984 167.444
28354.945 32742.377 20.627 22264.818 35.267
1.014 14.850
1/25/2016 12:10:00 AM 563100.000 73.463 17.985 167.446
28362.111 32750.148 20.632 22270.104 35.258
1.014 14.849
1/25/2016 12:15:00 AM 563400.000 73.469 17.985 167.458
28351.486 32737.814 20.624 22261.717 35.272
1.014 14.849
1/25/2016 12:20:00 AM 563700.000 73.470 17.985 167.462
28345.748 32731.371 20.619 22257.334 35.279
1.014 14.849

1/25/2016 12:25:00 AM 564000.000 73.476 17.984 167.474
28374.213 32764.627 20.642 22279.949 35.243
1.014 14.850
1/25/2016 12:30:00 AM 564300.000 73.453 17.984 167.421
28366.953 32756.242 20.636 22274.244 35.252
1.014 14.850
1/25/2016 12:35:00 AM 564600.000 73.474 17.985 167.470
28364.695 32753.510 20.634 22272.389 35.255
1.014 14.851
1/25/2016 12:40:00 AM 564900.000 73.468 17.984 167.456
28364.756 32753.838 20.635 22272.609 35.255
1.014 14.852
1/25/2016 12:45:00 AM 565200.000 73.448 17.984 167.410
28360.611 32748.865 20.631 22269.230 35.260
1.014 14.853
1/25/2016 12:50:00 AM 565500.000 73.467 17.985 167.455
28335.783 32719.496 20.611 22249.258 35.291
1.014 14.851
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28351.764 32737.689 20.623 22261.629 35.271
1.014 14.849
1/25/2016 1:00:00 AM 566100.000 73.476 17.985 167.475
28350.223 32736.539 20.623 22260.850 35.273
1.014 14.847
1/25/2016 1:05:00 AM 566400.000 73.479 17.985 167.482
28358.186 32745.863 20.629 22267.189 35.263
1.014 14.846
1/25/2016 1:10:00 AM 566700.000 73.478 17.985 167.480
28357.162 32744.623 20.628 22266.344 35.264
1.014 14.845
1/25/2016 1:15:00 AM 567000.000 73.481 17.986 167.487
28368.844 32757.477 20.637 22275.086 35.250
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1/25/2016 1:20:00 AM 567300.000 73.485 17.985 167.494
28349.977 32736.254 20.622 22260.652 35.273
1.014 14.845
1/25/2016 1:25:00 AM 567600.000 73.464 17.984 167.446
28352.570 32739.707 20.625 22263.002 35.270
1.014 14.845
1/25/2016 1:30:00 AM 567900.000 73.479 17.985 167.480
28356.953 32744.311 20.628 22266.133 35.265
1.014 14.846
1/25/2016 1:35:00 AM 568200.000 73.483 17.985 167.491
28367.457 32756.256 20.636 22274.256 35.252
1.014 14.846
1/25/2016 1:40:00 AM 568500.000 73.462 17.985 167.443
28350.746 32737.346 20.623 22261.396 35.272
1.014 14.846
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28348.258 32734.215 20.621 22259.266 35.276
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28366.650 32755.711 20.636 22273.885 35.253
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1/25/2016 2:40:00 AM 572100.000 73.454 17.984 167.424
28355.115 32742.707 20.627 22265.041 35.267
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28371.301 32761.008 20.640 22277.486 35.247
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28355.166 32742.578 20.627 22264.953 35.267
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28357.605 32745.521 20.629 22266.957 35.264
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28353.930 32740.766 20.626 22263.721 35.268
1.014 14.840
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28367.883 32756.436 20.636 22274.377 35.251
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28350.660 32737.303 20.623 22261.365 35.273
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28347.664 32733.584 20.621 22258.838 35.276
1.014 14.842
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28358.213 32745.766 20.629 22267.123 35.263
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28364.400 32753.240 20.634 22272.203 35.255

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28360.973 32748.898 20.631 22269.252 35.260
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28355.695 32742.805 20.627 22265.107 35.266
1.014 14.841
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28356.523 32743.512 20.627 22265.588 35.265
1.014 14.841
1/25/2016 3:55:00 AM 576600.000 73.465 17.985 167.449
28355.174 32742.387 20.627 22264.824 35.267
1.014 14.842
1/25/2016 4:00:00 AM 576900.000 73.462 17.985 167.443
28353.074 32739.715 20.625 22263.006 35.270
1.014 14.842
1/25/2016 4:05:00 AM 577200.000 73.444 17.985 167.401
28359.770 32747.693 20.630 22268.434 35.261
1.014 14.842
1/25/2016 4:10:00 AM 577500.000 73.467 17.984 167.455
28354.602 32741.926 20.626 22264.512 35.268
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28351.158 32737.750 20.623 22261.672 35.272
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28349.605 32735.709 20.622 22260.285 35.274
1.014 14.843
1/25/2016 4:25:00 AM 578400.000 73.440 17.985 167.392
28354.260 32741.199 20.626 22264.018 35.268
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28357.527 32745.176 20.629 22266.723 35.264
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28361.523 32749.471 20.632 22269.643 35.259
1.014 14.843
1/25/2016 4:40:00 AM 579300.000 73.454 17.984 167.424
28369.068 32758.998 20.638 22276.121 35.250
1.014 14.842
1/25/2016 4:45:00 AM 579600.000 73.459 17.985 167.437
28374.836 32764.959 20.642 22280.172 35.242
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1/25/2016 4:50:00 AM 579900.000 73.436 17.984 167.384
28372.035 32762.184 20.640 22278.285 35.246
1.014 14.841
1/25/2016 4:55:00 AM 580200.000 73.435 17.985 167.381
28358.416 32746.203 20.629 22267.420 35.263
1.014 14.841
1/25/2016 5:00:00 AM 580500.000 73.454 17.985 167.423
28367.889 32757.197 20.637 22274.895 35.251
1.014 14.842
1/25/2016 5:05:00 AM 580800.000 73.435 17.985 167.380
28354.102 32741.148 20.626 22263.980 35.268
1.014 14.839
1/25/2016 5:10:00 AM 581100.000 73.454 17.985 167.425
28349.332 32735.582 20.622 22260.197 35.274
1.014 14.836

1/25/2016 5:15:00 AM	581400.000	73.438	17.984	167.387
28358.008	32746.295	20.629	22267.480	35.263
1.014	14.833			
1/25/2016 5:20:00 AM	581700.000	73.459	17.985	167.435
28354.832	32741.744	20.626	22264.387	35.267
1.014	14.836			
1/25/2016 5:25:00 AM	582000.000	73.440	17.985	167.392
28349.242	32735.104	20.622	22259.873	35.274
1.014	14.838			
1/25/2016 5:30:00 AM	582300.000	73.454	17.985	167.424
28371.227	32760.793	20.639	22277.342	35.247
1.014	14.841			
1/25/2016 5:35:00 AM	582600.000	73.452	17.985	167.419
28358.670	32746.293	20.629	22267.479	35.263
1.014	14.843			
1/25/2016 5:40:00 AM	582900.000	73.449	17.983	167.412
28363.904	32753.549	20.634	22272.416	35.256
1.014	14.845			
1/25/2016 5:45:00 AM	583200.000	73.449	17.984	167.412
28371.939	32761.947	20.640	22278.125	35.246
1.014	14.847			
1/25/2016 5:50:00 AM	583500.000	73.429	17.985	167.366
28362.002	32750.344	20.632	22270.234	35.258
1.014	14.845			
1/25/2016 5:55:00 AM	583800.000	73.435	17.984	167.381
28371.760	32761.986	20.640	22278.150	35.246
1.014	14.842			
1/25/2016 6:00:00 AM	584100.000	73.434	17.984	167.379
28369.146	32758.775	20.638	22275.969	35.250
1.014	14.840			
1/25/2016 6:05:00 AM	584400.000	73.450	17.985	167.416
28359.465	32747.414	20.630	22268.244	35.262
1.014	14.840			
1/25/2016 6:10:00 AM	584700.000	73.456	17.985	167.429
28340.504	32725.520	20.615	22253.355	35.285
1.014	14.840			
1/25/2016 6:15:00 AM	585000.000	73.452	17.985	167.419
28368.871	32758.332	20.638	22275.668	35.250
1.014	14.840			
1/25/2016 6:20:00 AM	585300.000	73.455	17.985	167.427
28366.387	32755.406	20.636	22273.676	35.253
1.014	14.839			
1/25/2016 6:25:00 AM	585600.000	73.456	17.985	167.428
28352.689	32739.646	20.625	22262.961	35.270
1.014	14.839			
1/25/2016 6:30:00 AM	585900.000	73.440	17.985	167.393
28349.627	32735.980	20.622	22260.467	35.274
1.014	14.839			
1/25/2016 6:35:00 AM	586200.000	73.458	17.985	167.433
28356.908	32744.258	20.628	22266.096	35.265
1.014	14.840			
1/25/2016 6:40:00 AM	586500.000	73.452	17.984	167.419
28360.107	32748.338	20.631	22268.869	35.261
1.014	14.841			
1/25/2016 6:45:00 AM	586800.000	73.451	17.985	167.417
28346.652	32732.547	20.620	22258.133	35.278
1.014	14.842			
1/25/2016 6:50:00 AM	587100.000	73.457	17.986	167.432

28354.131 32739.982 20.625 22263.189 35.268
1.014 14.841
1/25/2016 6:55:00 AM 587400.000 73.454 17.985 167.425
28360.514 32748.625 20.631 22269.066 35.260
1.014 14.840
1/25/2016 7:00:00 AM 587700.000 73.441 17.985 167.395
28354.586 32741.207 20.626 22264.023 35.268
1.014 14.839
1/25/2016 7:05:00 AM 588000.000 73.461 17.984 167.441
28346.404 32732.828 20.620 22258.326 35.278
1.014 14.841
1/25/2016 7:10:00 AM 588300.000 73.440 17.985 167.392
28379.127 32769.797 20.646 22283.465 35.237
1.014 14.843
1/25/2016 7:15:00 AM 588600.000 73.460 17.985 167.438
28372.395 32762.344 20.641 22278.395 35.246
1.014 14.845
1/25/2016 7:20:00 AM 588900.000 73.439 17.986 167.390
28342.703 32727.420 20.616 22254.648 35.282
1.014 14.846
1/25/2016 7:25:00 AM 589200.000 73.442 17.985 167.396
28364.010 32752.662 20.634 22271.813 35.256
1.014 14.848
1/25/2016 7:30:00 AM 589500.000 73.447 17.984 167.409
28357.320 32745.119 20.629 22266.684 35.264
1.014 14.849
1/25/2016 7:35:00 AM 589800.000 73.446 17.985 167.406
28370.322 32759.879 20.639 22276.721 35.248
1.014 14.851
1/25/2016 7:40:00 AM 590100.000 73.462 17.984 167.442
28365.234 32754.518 20.635 22273.072 35.254
1.014 14.854
1/25/2016 7:45:00 AM 590400.000 73.441 17.985 167.395
28358.914 32746.332 20.629 22267.508 35.262
1.014 14.856
1/25/2016 7:50:00 AM 590700.000 73.450 17.985 167.416
28355.607 32742.887 20.627 22265.166 35.266
1.014 14.856
1/25/2016 7:55:00 AM 591000.000 73.465 17.985 167.450
28369.420 32758.965 20.638 22276.096 35.249
1.014 14.856
1/25/2016 8:00:00 AM 591300.000 73.469 17.984 167.458
28368.758 32758.326 20.638 22275.664 35.250
1.014 14.856
1/25/2016 8:05:00 AM 591600.000 73.468 17.984 167.457
28361.055 32749.564 20.632 22269.705 35.260
1.014 14.856
1/25/2016 8:10:00 AM 591900.000 73.475 17.985 167.472
28346.658 32732.369 20.620 22258.014 35.278
1.014 14.856
1/25/2016 8:15:00 AM 592200.000 73.472 17.984 167.465
28371.986 32762.369 20.641 22278.414 35.246
1.014 14.857
1/25/2016 8:20:00 AM 592500.000 73.475 17.985 167.473
28356.566 32743.621 20.628 22265.664 35.265
1.014 14.861
1/25/2016 8:25:00 AM 592800.000 73.472 17.986 167.466
28354.078 32740.555 20.625 22263.578 35.268

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28372.350 32762.160 20.640 22278.271 35.246
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1/25/2016 8:35:00 AM 593400.000 73.456 17.985 167.430
28373.447 32763.113 20.641 22278.920 35.244
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28353.678 32741.172 20.626 22264.000 35.269
1.014 14.862
1/25/2016 8:45:00 AM 594000.000 73.468 17.986 167.456
28363.654 32751.553 20.633 22271.057 35.256
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28344.188 32729.828 20.618 22256.285 35.281
1.014 14.859
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28378.416 32768.977 20.645 22282.906 35.238
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28360.496 32748.400 20.631 22268.914 35.260
1.014 14.860
1/25/2016 9:05:00 AM 595200.000 73.496 17.985 167.521
28362.980 32751.217 20.633 22270.828 35.257
1.014 14.862
1/25/2016 9:10:00 AM 595500.000 73.475 17.985 167.472
28365.607 32754.434 20.635 22273.016 35.254
1.014 14.864
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28367.049 32756.041 20.636 22274.109 35.252
1.014 14.866
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28381.072 32772.422 20.648 22285.250 35.235
1.014 14.866
1/25/2016 9:25:00 AM 596400.000 73.503 17.984 167.535
28367.576 32756.908 20.637 22274.699 35.252
1.014 14.865
1/25/2016 9:30:00 AM 596700.000 73.485 17.984 167.495
28358.117 32746.234 20.629 22267.441 35.263
1.014 14.864
1/25/2016 9:35:00 AM 597000.000 73.506 17.985 167.542
28364.199 32752.375 20.634 22271.615 35.256
1.014 14.864
1/25/2016 9:40:00 AM 597300.000 73.506 17.984 167.542
28368.354 32757.807 20.637 22275.311 35.251
1.014 14.864
1/25/2016 9:45:00 AM 597600.000 73.508 17.984 167.547
28368.031 32757.488 20.637 22275.094 35.251
1.014 14.865
1/25/2016 9:50:00 AM 597900.000 73.520 17.985 167.575
28357.111 32744.492 20.628 22266.256 35.265
1.014 14.861
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28369.260 32758.338 20.638 22275.672 35.249
1.014 14.857
1/25/2016 10:00:00 AM 598500.000 73.524 17.985 167.584
28371.045 32760.527 20.639 22277.158 35.247
1.014 14.853

1/25/2016 10:05:00 AM 598800.000 73.527 17.986 167.591
28369.771 32758.615 20.638 22275.859 35.249
1.014 14.853
1/25/2016 10:10:00 AM 599100.000 73.512 17.985 167.557
28349.750 32735.623 20.622 22260.225 35.274
1.014 14.854
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28367.611 32756.689 20.637 22274.549 35.251
1.014 14.855
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28356.293 32743.619 20.628 22265.664 35.266
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1.014 14.858
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28353.531 32740.432 20.625 22263.494 35.269
1.014 14.856
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28350.699 32737.160 20.623 22261.271 35.272
1.014 14.855
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28366.090 32755.191 20.636 22273.533 35.253
1.014 14.854
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1.014 14.857
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1.014 14.859
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28370.826 32760.787 20.639 22277.336 35.247
1.014 14.862
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1.014 14.861
1/25/2016 11:10:00 AM 602700.000 73.521 17.985 167.576
28353.199 32739.975 20.625 22263.186 35.269
1.014 14.860
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28357.502 32744.574 20.628 22266.313 35.264
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28345.043 32730.314 20.618 22256.615 35.280
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1/25/2016 12:00:00 PM 605700.000 73.549 17.985 167.640
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1.014 14.853
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1.014 14.851
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1.014 14.849
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1.014 14.847
1/25/2016 12:30:00 PM 607500.000 73.537 17.985 167.615
28379.660 32770.348 20.646 22283.836 35.237
1.014 14.845
1/25/2016 12:35:00 PM 607800.000 73.539 17.985 167.618
28367.545 32756.801 20.637 22274.625 35.252
1.014 14.843
1/25/2016 12:40:00 PM 608100.000 73.558 17.985 167.660
28366.744 32755.434 20.636 22273.697 35.253
1.014 14.840
1/25/2016 12:45:00 PM 608400.000 73.565 17.986 167.676
28370.033 32758.785 20.638 22275.977 35.248
1.014 14.838
1/25/2016 12:50:00 PM 608700.000 73.555 17.985 167.655
28367.594 32756.414 20.636 22274.363 35.251
1.014 14.841
1/25/2016 12:55:00 PM 609000.000 73.531 17.986 167.601
28355.266 32741.799 20.626 22264.426 35.267
1.014 14.844
1/25/2016 1:00:00 PM 609300.000 73.526 17.985 167.589
28369.535 32758.723 20.638 22275.932 35.249
1.014 14.847
1/25/2016 1:05:00 PM 609600.000 73.547 17.984 167.636
28352.094 32739.029 20.624 22262.543 35.271
1.014 14.844
1/25/2016 1:10:00 PM 609900.000 73.546 17.985 167.634
28350.314 32736.342 20.623 22260.713 35.273
1.014 14.841
1/25/2016 1:15:00 PM 610200.000 73.553 17.985 167.649
28362.459 32750.486 20.632 22270.330 35.258

1.014 14.839
1/25/2016 1:20:00 PM 610500.000 73.550 17.985 167.643
28367.547 32756.488 20.636 22274.414 35.252
1.014 14.839
1/25/2016 1:25:00 PM 610800.000 73.549 17.986 167.640
28372.918 32762.250 20.640 22278.332 35.245
1.014 14.839
1/25/2016 1:30:00 PM 611100.000 73.541 17.985 167.623
28359.100 32746.672 20.630 22267.736 35.262
1.014 14.839
1/25/2016 1:35:00 PM 611400.000 73.520 17.986 167.576
28361.543 32748.980 20.631 22269.309 35.259
1.014 14.836
1/25/2016 1:40:00 PM 611700.000 73.539 17.986 167.619
28375.002 32764.656 20.642 22279.969 35.242
1.014 14.833
1/25/2016 1:45:00 PM 612000.000 73.546 17.986 167.634
28367.162 32755.535 20.636 22273.766 35.252
1.014 14.830
1/25/2016 1:50:00 PM 612300.000 73.543 17.985 167.627
28361.906 32750.102 20.632 22270.068 35.259
1.014 14.830
1/25/2016 1:55:00 PM 612600.000 73.539 17.986 167.617
28363.143 32750.895 20.633 22270.611 35.257
1.014 14.830
1/25/2016 2:00:00 PM 612900.000 73.517 17.984 167.567
28355.215 32742.822 20.627 22265.119 35.267
1.014 14.830
1/25/2016 2:05:00 PM 613200.000 73.517 17.985 167.568
28384.660 32776.305 20.650 22287.887 35.230
1.014 14.828
1/25/2016 2:10:00 PM 613500.000 73.531 17.985 167.600
28344.793 32730.152 20.618 22256.504 35.280
1.014 14.826
1/25/2016 2:15:00 PM 613800.000 73.527 17.985 167.591
28360.383 32748.154 20.631 22268.748 35.260
1.014 14.824
1/25/2016 2:20:00 PM 614100.000 73.528 17.985 167.592
28347.277 32733.084 20.620 22258.500 35.277
1.014 14.824
1/25/2016 2:25:00 PM 614400.000 73.523 17.985 167.581
28365.631 32754.148 20.635 22272.822 35.254
1.014 14.825
1/25/2016 2:30:00 PM 614700.000 73.523 17.985 167.581
28375.586 32765.771 20.643 22280.725 35.242
1.014 14.825
1/25/2016 2:35:00 PM 615000.000 73.516 17.985 167.566
28365.996 32754.752 20.635 22273.234 35.253
1.014 14.827
1/25/2016 2:40:00 PM 615300.000 73.509 17.985 167.551
28364.623 32752.865 20.634 22271.949 35.255
1.014 14.828
1/25/2016 2:45:00 PM 615600.000 73.504 17.986 167.538
28364.346 32752.283 20.634 22271.553 35.256
1.014 14.830
1/25/2016 2:50:00 PM 615900.000 73.504 17.985 167.538
28363.252 32751.340 20.633 22270.914 35.257
1.014 14.828

1/25/2016 2:55:00 PM	616200.000	73.507	17.985	167.546
28378.076	32768.648	20.645	22282.682	35.238
1.014	14.826			
1/25/2016 3:00:00 PM	616500.000	73.505	17.985	167.542
28359.715	32747.129	20.630	22268.049	35.261
1.014	14.824			
1/25/2016 3:05:00 PM	616800.000	73.476	17.985	167.475
28360.475	32748.008	20.631	22268.648	35.260
1.014	14.827			
1/25/2016 3:10:00 PM	617100.000	73.472	17.985	167.465
28381.666	32772.977	20.648	22285.625	35.234
1.014	14.829			
1/25/2016 3:15:00 PM	617400.000	73.487	17.985	167.500
28376.438	32766.627	20.644	22281.307	35.241
1.014	14.831			
1/25/2016 3:20:00 PM	617700.000	73.487	17.985	167.499
28360.379	32748.338	20.631	22268.869	35.260
1.014	14.832			
1/25/2016 3:25:00 PM	618000.000	73.481	17.985	167.485
28364.303	32752.797	20.634	22271.904	35.256
1.014	14.832			
1/25/2016 3:30:00 PM	618300.000	73.478	17.986	167.479
28370.703	32759.623	20.639	22276.545	35.248
1.014	14.833			
1/25/2016 3:35:00 PM	618600.000	73.476	17.985	167.473
28359.121	32746.814	20.630	22267.836	35.262
1.014	14.833			
1/25/2016 3:40:00 PM	618900.000	73.473	17.984	167.467
28367.162	32756.484	20.636	22274.412	35.252
1.014	14.833			
1/25/2016 3:45:00 PM	619200.000	73.452	17.985	167.420
28360.563	32748.424	20.631	22268.928	35.260
1.014	14.832			
1/25/2016 3:50:00 PM	619500.000	73.466	17.985	167.453
28369.670	32759.197	20.638	22276.254	35.249
1.014	14.832			
1/25/2016 3:55:00 PM	619800.000	73.467	17.985	167.453
28370.996	32760.656	20.639	22277.246	35.247
1.014	14.832			
1/25/2016 4:00:00 PM	620100.000	73.442	17.986	167.397
28368.586	32757.246	20.637	22274.930	35.250
1.014	14.832			
1/25/2016 4:05:00 PM	620400.000	73.456	17.985	167.429
28370.697	32760.064	20.639	22276.844	35.248
1.014	14.832			
1/25/2016 4:10:00 PM	620700.000	73.434	17.985	167.379
28357.662	32745.129	20.629	22266.689	35.264
1.014	14.832			
1/25/2016 4:15:00 PM	621000.000	73.449	17.985	167.414
28345.447	32730.781	20.619	22256.934	35.279
1.014	14.832			
1/25/2016 4:20:00 PM	621300.000	73.446	17.985	167.405
28373.033	32762.695	20.641	22278.633	35.245
1.014	14.834			
1/25/2016 4:25:00 PM	621600.000	73.441	17.985	167.396
28376.451	32766.824	20.644	22281.443	35.240
1.014	14.836			
1/25/2016 4:30:00 PM	621900.000	73.435	17.985	167.382

28369.926 32759.289 20.638 22276.318 35.249
1.014 14.839
1/25/2016 4:35:00 PM 622200.000 73.414 17.985 167.332
28373.773 32763.615 20.641 22279.258 35.244
1.014 14.839
1/25/2016 4:40:00 PM 622500.000 73.411 17.985 167.327
28359.578 32747.098 20.630 22268.027 35.261
1.014 14.839
1/25/2016 4:45:00 PM 622800.000 73.425 17.985 167.357
28360.334 32748.418 20.631 22268.924 35.261
1.014 14.840
1/25/2016 4:50:00 PM 623100.000 73.418 17.985 167.341
28366.541 32755.512 20.636 22273.748 35.253
1.014 14.840
1/25/2016 4:55:00 PM 623400.000 73.418 17.984 167.342
28346.352 32732.834 20.620 22258.330 35.278
1.014 14.840
1/25/2016 5:00:00 PM 623700.000 73.394 17.985 167.287
28368.783 32757.602 20.637 22275.172 35.250
1.014 14.840
1/25/2016 5:05:00 PM 624000.000 73.411 17.984 167.326
28377.189 32768.137 20.645 22282.336 35.240
1.014 14.842
1/25/2016 5:10:00 PM 624300.000 73.404 17.985 167.311
28362.822 32751.219 20.633 22270.828 35.257
1.014 14.843
1/25/2016 5:15:00 PM 624600.000 73.395 17.985 167.290
28356.385 32743.785 20.628 22265.773 35.265
1.014 14.845
1/25/2016 5:20:00 PM 624900.000 73.398 17.985 167.296
28365.010 32753.686 20.635 22272.506 35.255
1.014 14.845
1/25/2016 5:25:00 PM 625200.000 73.394 17.984 167.288
28370.520 32760.307 20.639 22277.008 35.248
1.014 14.844
1/25/2016 5:30:00 PM 625500.000 73.373 17.985 167.240
28352.779 32739.750 20.625 22263.031 35.270
1.014 14.843
1/25/2016 5:35:00 PM 625800.000 73.391 17.984 167.282
28373.941 32764.313 20.642 22279.734 35.244
1.014 14.843
1/25/2016 5:40:00 PM 626100.000 73.388 17.984 167.273
28373.002 32763.229 20.641 22278.998 35.245
1.014 14.843
1/25/2016 5:45:00 PM 626400.000 73.384 17.985 167.265
28373.551 32763.607 20.641 22279.256 35.244
1.014 14.843
1/25/2016 5:50:00 PM 626700.000 73.358 17.985 167.205
28361.381 32749.307 20.632 22269.531 35.259
1.014 14.842
1/25/2016 5:55:00 PM 627000.000 73.362 17.985 167.214
28369.898 32759.461 20.639 22276.434 35.249
1.014 14.840
1/25/2016 6:00:00 PM 627300.000 73.381 17.984 167.257
28365.953 32755.033 20.635 22273.422 35.254
1.014 14.839
1/25/2016 6:05:00 PM 627600.000 73.380 17.985 167.255
28372.289 32762.092 20.640 22278.223 35.246

1.014 14.840
1/25/2016 6:10:00 PM 627900.000 73.355 17.984 167.198
28349.602 32736.152 20.622 22260.586 35.274
1.014 14.841
1/25/2016 6:15:00 PM 628200.000 73.371 17.985 167.235
28374.102 32764.184 20.642 22279.646 35.243
1.014 14.842
1/25/2016 6:20:00 PM 628500.000 73.369 17.985 167.231
28368.379 32757.504 20.637 22275.105 35.251
1.014 14.844
1/25/2016 6:25:00 PM 628800.000 73.362 17.984 167.214
28362.434 32751.023 20.633 22270.697 35.258
1.014 14.847
1/25/2016 6:30:00 PM 629100.000 73.362 17.984 167.215
28370.143 32760.373 20.639 22277.057 35.248
1.014 14.849
1/25/2016 6:35:00 PM 629400.000 73.357 17.985 167.203
28346.504 32731.943 20.619 22257.723 35.278
1.014 14.850
1/25/2016 6:40:00 PM 629700.000 73.356 17.985 167.201
28360.383 32748.154 20.631 22268.748 35.260
1.014 14.851
1/25/2016 6:45:00 PM 630000.000 73.334 17.984 167.150
28367.004 32756.301 20.636 22274.287 35.252
1.014 14.852
1/25/2016 6:50:00 PM 630300.000 73.350 17.983 167.186
28364.605 32754.232 20.635 22272.881 35.255
1.014 14.856
1/25/2016 6:55:00 PM 630600.000 73.344 17.984 167.173
28359.471 32747.676 20.630 22268.422 35.262
1.014 14.859
1/25/2016 7:00:00 PM 630900.000 73.339 17.985 167.163
28348.668 32734.500 20.621 22259.463 35.275
1.014 14.863
1/25/2016 7:05:00 PM 631200.000 73.343 17.984 167.171
28358.514 32746.443 20.629 22267.584 35.263
1.014 14.862
1/25/2016 7:10:00 PM 631500.000 73.341 17.985 167.167
28359.580 32747.475 20.630 22268.283 35.261
1.014 14.860
1/25/2016 7:15:00 PM 631800.000 73.343 17.985 167.171
28351.514 32738.029 20.624 22261.859 35.271
1.014 14.858
1/25/2016 7:20:00 PM 632100.000 73.321 17.985 167.121
28360.217 32748.338 20.631 22268.869 35.261
1.014 14.858
1/25/2016 7:25:00 PM 632400.000 73.319 17.985 167.117
28374.809 32765.188 20.642 22280.328 35.243
1.014 14.858
1/25/2016 7:30:00 PM 632700.000 73.319 17.984 167.116
28361.451 32750.203 20.632 22270.141 35.259
1.014 14.858
1/25/2016 7:35:00 PM 633000.000 73.338 17.986 167.161
28362.891 32750.537 20.632 22270.367 35.257
1.014 14.860
1/25/2016 7:40:00 PM 633300.000 73.335 17.985 167.154
28369.037 32758.209 20.638 22275.584 35.250
1.014 14.862

1/25/2016 7:45:00 PM	633600.000	73.333	17.984	167.148
28365.680	32754.844	20.635	22273.297	35.254
1.014	14.864			
1/25/2016 7:50:00 PM	633900.000	73.313	17.984	167.102
28372.287	32762.475	20.641	22278.484	35.246
1.014	14.860			
1/25/2016 7:55:00 PM	634200.000	73.343	17.984	167.172
28359.100	32747.121	20.630	22268.043	35.262
1.014	14.855			
1/25/2016 8:00:00 PM	634500.000	73.347	17.985	167.180
28378.553	32769.250	20.645	22283.090	35.238
1.014	14.851			
1/25/2016 8:05:00 PM	634800.000	73.323	17.985	167.125
28375.197	32765.508	20.643	22280.547	35.242
1.014	14.853			
1/25/2016 8:10:00 PM	635100.000	73.341	17.985	167.166
28380.178	32770.758	20.646	22284.117	35.236
1.014	14.855			
1/25/2016 8:15:00 PM	635400.000	73.331	17.984	167.145
28365.381	32754.373	20.635	22272.977	35.254
1.014	14.857			
1/25/2016 8:20:00 PM	635700.000	73.343	17.984	167.171
28372.717	32763.346	20.641	22279.078	35.245
1.014	14.857			
1/25/2016 8:25:00 PM	636000.000	73.317	17.984	167.112
28358.346	32746.438	20.629	22267.580	35.263
1.014	14.857			
1/25/2016 8:30:00 PM	636300.000	73.318	17.985	167.114
28359.031	32746.912	20.630	22267.902	35.262
1.014	14.858			
1/25/2016 8:35:00 PM	636600.000	73.339	17.984	167.162
28370.998	32761.174	20.640	22277.600	35.247
1.014	14.857			
1/25/2016 8:40:00 PM	636900.000	73.343	17.985	167.171
28373.021	32762.563	20.641	22278.543	35.245
1.014	14.856			
1/25/2016 8:45:00 PM	637200.000	73.322	17.985	167.124
28353.125	32739.836	20.625	22263.088	35.269
1.014	14.855			
1/25/2016 8:50:00 PM	637500.000	73.339	17.984	167.163
28373.678	32764.389	20.642	22279.787	35.244
1.014	14.857			
1/25/2016 8:55:00 PM	637800.000	73.341	17.985	167.167
28355.590	32742.736	20.627	22265.063	35.266
1.014	14.858			
1/25/2016 9:00:00 PM	638100.000	73.338	17.984	167.159
28360.078	32748.617	20.631	22269.063	35.261
1.014	14.859			
1/25/2016 9:05:00 PM	638400.000	73.349	17.984	167.186
28372.920	32763.205	20.641	22278.982	35.245
1.014	14.858			
1/25/2016 9:10:00 PM	638700.000	73.345	17.984	167.176
28357.254	32745.043	20.629	22266.631	35.264
1.014	14.857			
1/25/2016 9:15:00 PM	639000.000	73.332	17.984	167.145
28366.223	32755.594	20.636	22273.805	35.253
1.014	14.856			
1/25/2016 9:20:00 PM	639300.000	73.345	17.985	167.176

28365.291 32754.010 20.635 22272.729 35.254
1.014 14.859
1/25/2016 9:25:00 PM 639600.000 73.350 17.984 167.188
28367.363 32756.717 20.637 22274.568 35.252
1.014 14.862
1/25/2016 9:30:00 PM 639900.000 73.328 17.984 167.137
28387.371 32779.820 20.653 22290.277 35.227
1.014 14.864
1/25/2016 9:35:00 PM 640200.000 73.349 17.984 167.186
28366.746 32756.076 20.636 22274.133 35.253
1.014 14.864
1/25/2016 9:40:00 PM 640500.000 73.351 17.984 167.189
28356.951 32744.693 20.628 22266.395 35.265
1.014 14.864
1/25/2016 9:45:00 PM 640800.000 73.354 17.983 167.196
28361.307 32750.488 20.632 22270.332 35.259
1.014 14.865
1/25/2016 9:50:00 PM 641100.000 73.341 17.985 167.166
28360.553 32748.670 20.631 22269.096 35.260
1.014 14.864
1/25/2016 9:55:00 PM 641400.000 73.338 17.985 167.159
28376.113 32766.693 20.644 22281.354 35.241
1.014 14.864
1/25/2016 10:00:00 PM 641700.000 73.361 17.984 167.211
28373.482 32763.977 20.642 22279.504 35.244
1.014 14.864
1/25/2016 10:05:00 PM 642000.000 73.361 17.984 167.212
28356.111 32743.918 20.628 22265.867 35.266
1.014 14.864
1/25/2016 10:10:00 PM 642300.000 73.365 17.983 167.222
28359.092 32747.932 20.630 22268.596 35.262
1.014 14.863
1/25/2016 10:15:00 PM 642600.000 73.369 17.985 167.231
28365.586 32754.162 20.635 22272.830 35.254
1.014 14.863
1/25/2016 10:20:00 PM 642900.000 73.354 17.984 167.196
28360.049 32748.402 20.631 22268.916 35.261
1.014 14.864
1/25/2016 10:25:00 PM 643200.000 73.371 17.984 167.236
28375.750 32766.400 20.643 22281.152 35.241
1.014 14.864
1/25/2016 10:30:00 PM 643500.000 73.375 17.984 167.244
28365.537 32754.607 20.635 22273.135 35.254
1.014 14.865
1/25/2016 10:35:00 PM 643800.000 73.355 17.984 167.199
28361.639 32750.301 20.632 22270.207 35.259
1.014 14.865
1/25/2016 10:40:00 PM 644100.000 73.381 17.984 167.259
28356.814 32744.850 20.628 22266.498 35.265
1.014 14.865
1/25/2016 10:45:00 PM 644400.000 73.383 17.984 167.263
28356.609 32744.432 20.628 22266.215 35.265
1.014 14.865
1/25/2016 10:50:00 PM 644700.000 73.386 17.984 167.268
28364.672 32753.682 20.635 22272.504 35.255
1.014 14.864
1/25/2016 10:55:00 PM 645000.000 73.390 17.984 167.280
28367.457 32757.020 20.637 22274.775 35.252

1.014 14.863
1/25/2016 11:00:00 PM 645300.000 73.370 17.984 167.232
28382.324 32774.125 20.649 22286.406 35.233
1.014 14.862
1/25/2016 11:05:00 PM 645600.000 73.374 17.985 167.241
28354.354 32741.381 20.626 22264.139 35.268
1.014 14.862
1/25/2016 11:10:00 PM 645900.000 73.374 17.984 167.241
28364.557 32753.422 20.634 22272.328 35.255
1.014 14.862
1/25/2016 11:15:00 PM 646200.000 73.397 17.984 167.295
28361.951 32750.412 20.632 22270.283 35.259
1.014 14.862
1/25/2016 11:20:00 PM 646500.000 73.401 17.984 167.303
28356.660 32744.617 20.628 22266.340 35.265
1.014 14.863
1/25/2016 11:25:00 PM 646800.000 73.399 17.984 167.300
28360.283 32748.734 20.631 22269.141 35.261
1.014 14.864
1/25/2016 11:30:00 PM 647100.000 73.403 17.983 167.309
28370.898 32761.500 20.640 22277.820 35.247
1.014 14.865
1/25/2016 11:35:00 PM 647400.000 73.403 17.984 167.307
28371.832 32762.258 20.640 22278.338 35.246
1.014 14.866
1/25/2016 11:40:00 PM 647700.000 73.383 17.984 167.262
28365.063 32754.373 20.635 22272.977 35.255
1.014 14.868
1/25/2016 11:45:00 PM 648000.000 73.387 17.984 167.271
28371.492 32761.484 20.640 22277.811 35.247
1.014 14.870
1/25/2016 11:50:00 PM 648300.000 73.391 17.984 167.280
28353.873 32741.211 20.626 22264.025 35.269
1.014 14.869
1/25/2016 11:55:00 PM 648600.000 73.408 17.985 167.320
28363.145 32751.277 20.633 22270.871 35.257
1.014 14.869
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28360.701 32749.283 20.631 22269.514 35.260
1.014 14.888
1/26/2016 12:05:00 PM 692400.000 73.503 17.984 167.536
28386.117 32778.316 20.652 22289.258 35.228
1.014 14.884
1/26/2016 12:10:00 PM 692700.000 73.510 17.983 167.551
28351.813 32739.840 20.625 22263.092 35.271
1.014 14.880
1/26/2016 12:15:00 PM 693000.000 73.490 17.984 167.505
28386.477 32778.789 20.652 22289.578 35.228
1.014 14.876
1/26/2016 12:20:00 PM 693300.000 73.514 17.985 167.561
28361.541 32749.680 20.632 22269.785 35.259
1.014 14.875
1/26/2016 12:25:00 PM 693600.000 73.514 17.984 167.562
28363.621 32752.590 20.634 22271.764 35.256
1.014 14.874
1/26/2016 12:30:00 PM 693900.000 73.493 17.985 167.513
28372.023 32761.529 20.640 22277.842 35.246
1.014 14.873
1/26/2016 12:35:00 PM 694200.000 73.511 17.984 167.553
28378.396 32769.457 20.645 22283.232 35.238
1.014 14.873
1/26/2016 12:40:00 PM 694500.000 73.513 17.984 167.558
28374.654 32765.518 20.643 22280.555 35.243
1.014 14.872
1/26/2016 12:45:00 PM 694800.000 73.511 17.984 167.554
28379.141 32770.574 20.646 22283.990 35.237
1.014 14.871
1/26/2016 12:50:00 PM 695100.000 73.508 17.985 167.548
28375.855 32766.209 20.643 22281.023 35.241
1.014 14.870
1/26/2016 12:55:00 PM 695400.000 73.513 17.984 167.559
28377.852 32769.141 20.645 22283.016 35.239
1.014 14.870
1/26/2016 1:00:00 PM 695700.000 73.487 17.986 167.499
28375.607 32765.287 20.643 22280.395 35.242
1.014 14.869
1/26/2016 1:05:00 PM 696000.000 73.512 17.985 167.556
28374.605 32764.896 20.642 22280.131 35.243
1.014 14.868
1/26/2016 1:10:00 PM 696300.000 73.513 17.986 167.559
28382.006 32772.609 20.648 22285.375 35.234
1.014 14.867
1/26/2016 1:15:00 PM 696600.000 73.497 17.985 167.523
28376.107 32766.559 20.643 22281.262 35.241
1.014 14.866
1/26/2016 1:20:00 PM 696900.000 73.515 17.985 167.563
28378.686 32769.664 20.646 22283.373 35.238
1.014 14.864
1/26/2016 1:25:00 PM 697200.000 73.516 17.985 167.565
28365.885 32754.506 20.635 22273.066 35.254

1.014 14.863
1/26/2016 1:30:00 PM 697500.000 73.516 17.984 167.565
28380.955 32772.543 20.648 22285.332 35.235
1.014 14.861
1/26/2016 1:35:00 PM 697800.000 73.517 17.985 167.569
28367.244 32756.396 20.636 22274.352 35.252
1.014 14.862
1/26/2016 1:40:00 PM 698100.000 73.513 17.984 167.558
28376.740 32767.678 20.644 22282.023 35.240
1.014 14.864
1/26/2016 1:45:00 PM 698400.000 73.506 17.984 167.543
28379.012 32770.363 20.646 22283.848 35.237
1.014 14.865
1/26/2016 1:50:00 PM 698700.000 73.505 17.985 167.541
28365.309 32754.090 20.635 22272.781 35.254
1.014 14.863
1/26/2016 1:55:00 PM 699000.000 73.486 17.985 167.497
28354.656 32741.604 20.626 22264.291 35.268
1.014 14.861
1/26/2016 2:00:00 PM 699300.000 73.512 17.984 167.556
28385.715 32778.102 20.651 22289.109 35.229
1.014 14.859
1/26/2016 2:05:00 PM 699600.000 73.507 17.983 167.545
28355.615 32743.783 20.628 22265.773 35.266
1.014 14.859
1/26/2016 2:10:00 PM 699900.000 73.507 17.985 167.546
28354.350 32741.506 20.626 22264.225 35.268
1.014 14.859
1/26/2016 2:15:00 PM 700200.000 73.504 17.985 167.539
28367.592 32756.727 20.637 22274.576 35.251
1.014 14.858
1/26/2016 2:20:00 PM 700500.000 73.504 17.984 167.539
28376.410 32767.297 20.644 22281.764 35.241
1.014 14.859
1/26/2016 2:25:00 PM 700800.000 73.502 17.986 167.533
28350.354 32736.193 20.622 22260.613 35.273
1.014 14.859
1/26/2016 2:30:00 PM 701100.000 73.497 17.986 167.522
28390.189 32782.254 20.654 22291.936 35.223
1.014 14.859
1/26/2016 2:35:00 PM 701400.000 73.475 17.984 167.472
28365.533 32754.676 20.635 22273.180 35.254
1.014 14.860
1/26/2016 2:40:00 PM 701700.000 73.493 17.985 167.513
28351.225 32737.826 20.624 22261.725 35.272
1.014 14.861
1/26/2016 2:45:00 PM 702000.000 73.470 17.984 167.461
28357.229 32745.207 20.629 22266.740 35.264
1.014 14.863
1/26/2016 2:50:00 PM 702300.000 73.488 17.984 167.502
28360.803 32749.588 20.632 22269.723 35.260
1.014 14.861
1/26/2016 2:55:00 PM 702600.000 73.492 17.985 167.512
28361.408 32749.713 20.632 22269.807 35.259
1.014 14.860
1/26/2016 3:00:00 PM 702900.000 73.488 17.984 167.503
28379.055 32770.164 20.646 22283.713 35.237
1.014 14.858

1/26/2016 3:05:00 PM	703200.000	73.489	17.984	167.503
28363.621	32752.529	20.634	22271.721	35.256
1.014	14.856			
1/26/2016 3:10:00 PM	703500.000	73.482	17.985	167.487
28386.281	32778.250	20.652	22289.211	35.228
1.014	14.853			
1/26/2016 3:15:00 PM	703800.000	73.484	17.984	167.493
28361.676	32750.408	20.632	22270.279	35.259
1.014	14.851			
1/26/2016 3:20:00 PM	704100.000	73.464	17.986	167.446
28359.691	32746.977	20.630	22267.945	35.261
1.014	14.852			
1/26/2016 3:25:00 PM	704400.000	73.480	17.985	167.484
28375.463	32765.814	20.643	22280.754	35.242
1.014	14.853			
1/26/2016 3:30:00 PM	704700.000	73.450	17.984	167.416
28366.971	32756.209	20.636	22274.223	35.252
1.014	14.854			
1/26/2016 3:35:00 PM	705000.000	73.452	17.985	167.419
28364.148	32752.691	20.634	22271.832	35.256
1.014	14.854			
1/26/2016 3:40:00 PM	705300.000	73.466	17.985	167.451
28371.205	32760.650	20.639	22277.242	35.247
1.014	14.854			
1/26/2016 3:45:00 PM	705600.000	73.443	17.985	167.400
28377.318	32767.771	20.644	22282.086	35.239
1.014	14.853			
1/26/2016 3:50:00 PM	705900.000	73.443	17.985	167.400
28393.020	32785.715	20.657	22294.289	35.220
1.014	14.854			
1/26/2016 3:55:00 PM	706200.000	73.455	17.984	167.426
28378.105	32769.566	20.646	22283.307	35.238
1.014	14.855			
1/26/2016 4:00:00 PM	706500.000	73.433	17.984	167.376
28375.793	32766.523	20.643	22281.236	35.241
1.014	14.856			
1/26/2016 4:05:00 PM	706800.000	73.450	17.984	167.415
28373.299	32763.643	20.641	22279.277	35.244
1.014	14.855			
1/26/2016 4:10:00 PM	707100.000	73.445	17.985	167.404
28376.496	32767.008	20.644	22281.566	35.240
1.014	14.853			
1/26/2016 4:15:00 PM	707400.000	73.424	17.983	167.355
28362.842	32752.322	20.634	22271.582	35.257
1.014	14.852			
1/26/2016 4:20:00 PM	707700.000	73.441	17.984	167.394
28389.842	32782.672	20.655	22292.217	35.224
1.014	14.851			
1/26/2016 4:25:00 PM	708000.000	73.444	17.984	167.402
28370.398	32760.416	20.639	22277.084	35.248
1.014	14.850			
1/26/2016 4:30:00 PM	708300.000	73.415	17.984	167.336
28374.072	32764.410	20.642	22279.801	35.243
1.014	14.848			
1/26/2016 4:35:00 PM	708600.000	73.436	17.984	167.384
28371.381	32761.301	20.640	22277.688	35.247
1.014	14.849			
1/26/2016 4:40:00 PM	708900.000	73.435	17.985	167.381

28379.736 32770.879 20.646 22284.199 35.236
1.014 14.850
1/26/2016 4:45:00 PM 709200.000 73.410 17.985 167.324
28364.578 32753.246 20.634 22272.207 35.255
1.014 14.851
1/26/2016 4:50:00 PM 709500.000 73.424 17.984 167.357
28365.336 32754.570 20.635 22273.107 35.254
1.014 14.853
1/26/2016 4:55:00 PM 709800.000 73.416 17.984 167.337
28374.373 32764.943 20.642 22280.162 35.243
1.014 14.856
1/26/2016 5:00:00 PM 710100.000 73.412 17.985 167.328
28381.125 32772.352 20.647 22285.199 35.235
1.014 14.858
1/26/2016 5:05:00 PM 710400.000 73.409 17.985 167.321
28367.387 32756.488 20.636 22274.414 35.252
1.014 14.857
1/26/2016 5:10:00 PM 710700.000 73.384 17.984 167.266
28362.727 32751.434 20.633 22270.975 35.258
1.014 14.857
1/26/2016 5:15:00 PM 711000.000 73.385 17.984 167.267
28380.861 32772.250 20.647 22285.131 35.235
1.014 14.856
1/26/2016 5:20:00 PM 711300.000 73.402 17.984 167.305
28355.859 32743.379 20.627 22265.500 35.266
1.014 14.858
1/26/2016 5:25:00 PM 711600.000 73.373 17.984 167.240
28369.535 32759.418 20.638 22276.406 35.249
1.014 14.860
1/26/2016 5:30:00 PM 711900.000 73.393 17.984 167.286
28375.127 32765.941 20.643 22280.842 35.242
1.014 14.863
1/26/2016 5:35:00 PM 712200.000 73.371 17.985 167.236
28376.459 32766.717 20.644 22281.369 35.240
1.014 14.861
1/26/2016 5:40:00 PM 712500.000 73.368 17.984 167.229
28385.727 32778.117 20.651 22289.119 35.229
1.014 14.858
1/26/2016 5:45:00 PM 712800.000 73.368 17.984 167.227
28363.182 32752.082 20.633 22271.418 35.257
1.014 14.856
1/26/2016 5:50:00 PM 713100.000 73.387 17.984 167.271
28358.756 32747.090 20.630 22268.023 35.262
1.014 14.856
1/26/2016 5:55:00 PM 713400.000 73.381 17.984 167.257
28379.785 32771.254 20.647 22284.455 35.236
1.014 14.856
1/26/2016 6:00:00 PM 713700.000 73.381 17.985 167.257
28371.469 32761.203 20.640 22277.621 35.247
1.014 14.856
1/26/2016 6:05:00 PM 714000.000 73.356 17.984 167.201
28366.857 32756.078 20.636 22274.133 35.252
1.014 14.856
1/26/2016 6:10:00 PM 714300.000 73.373 17.984 167.239
28374.561 32765.408 20.643 22280.479 35.243
1.014 14.856
1/26/2016 6:15:00 PM 714600.000 73.368 17.983 167.228
28374.953 32766.248 20.643 22281.049 35.242

1.014 14.857
1/26/2016 6:20:00 PM 714900.000 73.369 17.983 167.231
28362.438 32751.922 20.633 22271.307 35.258
1.014 14.857
1/26/2016 6:25:00 PM 715200.000 73.364 17.983 167.219
28371.207 32762.297 20.640 22278.361 35.247
1.014 14.858
1/26/2016 6:30:00 PM 715500.000 73.366 17.984 167.224
28374.281 32764.705 20.642 22280.000 35.243
1.014 14.858
1/26/2016 6:35:00 PM 715800.000 73.342 17.983 167.168
28385.484 32778.469 20.652 22289.359 35.229
1.014 14.859
1/26/2016 6:40:00 PM 716100.000 73.360 17.985 167.209
28364.609 32753.033 20.634 22272.064 35.255
1.014 14.860
1/26/2016 6:45:00 PM 716400.000 73.353 17.984 167.194
28384.107 32776.559 20.650 22288.061 35.231
1.014 14.860
1/26/2016 6:50:00 PM 716700.000 73.338 17.985 167.160
28371.984 32761.424 20.640 22277.770 35.246
1.014 14.861
1/26/2016 6:55:00 PM 717000.000 73.354 17.985 167.196
28369.463 32758.756 20.638 22275.955 35.249
1.014 14.861
1/26/2016 7:00:00 PM 717300.000 73.329 17.983 167.140
28358.484 32747.543 20.630 22268.332 35.263
1.014 14.862
1/26/2016 7:05:00 PM 717600.000 73.350 17.984 167.187
28375.717 32766.363 20.643 22281.129 35.241
1.014 14.862
1/26/2016 7:10:00 PM 717900.000 73.349 17.984 167.185
28377.297 32768.633 20.645 22282.672 35.239
1.014 14.861
1/26/2016 7:15:00 PM 718200.000 73.351 17.985 167.189
28362.111 32750.469 20.632 22270.318 35.258
1.014 14.861
1/26/2016 7:20:00 PM 718500.000 73.349 17.984 167.185
28372.840 32763.354 20.641 22279.082 35.245
1.014 14.862
1/26/2016 7:25:00 PM 718800.000 73.348 17.984 167.182
28382.688 32774.727 20.649 22286.816 35.233
1.014 14.863
1/26/2016 7:30:00 PM 719100.000 73.321 17.984 167.121
28362.916 32751.895 20.633 22271.289 35.257
1.014 14.863
1/26/2016 7:35:00 PM 719400.000 73.339 17.985 167.162
28375.738 32766.074 20.643 22280.934 35.241
1.014 14.866
1/26/2016 7:40:00 PM 719700.000 73.334 17.983 167.152
28370.746 32761.896 20.640 22278.092 35.248
1.014 14.868
1/26/2016 7:45:00 PM 720000.000 73.330 17.984 167.142
28391.645 32784.828 20.656 22293.684 35.222
1.014 14.871
1/26/2016 7:50:00 PM 720300.000 73.332 17.984 167.147
28380.695 32772.305 20.647 22285.170 35.235
1.014 14.867

1/26/2016 7:55:00 PM	720600.000	73.336	17.985	167.156
28376.389	32766.883	20.644	22281.480	35.241
1.014	14.863			
1/26/2016 8:00:00 PM	720900.000	73.342	17.984	167.170
28388.775	32781.754	20.654	22291.596	35.225
1.014	14.859			
1/26/2016 8:05:00 PM	721200.000	73.339	17.984	167.162
28388.910	32781.730	20.654	22291.576	35.225
1.014	14.862			
1/26/2016 8:10:00 PM	721500.000	73.336	17.984	167.155
28368.527	32758.508	20.638	22275.785	35.250
1.014	14.866			
1/26/2016 8:15:00 PM	721800.000	73.332	17.984	167.146
28373.734	32764.268	20.642	22279.705	35.244
1.014	14.869			
1/26/2016 8:20:00 PM	722100.000	73.331	17.984	167.143
28366.533	32756.266	20.636	22274.264	35.253
1.014	14.868			
1/26/2016 8:25:00 PM	722400.000	73.333	17.984	167.148
28366.416	32755.883	20.636	22274.000	35.253
1.014	14.867			
1/26/2016 8:30:00 PM	722700.000	73.331	17.984	167.145
28375.148	32766.088	20.643	22280.941	35.242
1.014	14.866			
1/26/2016 8:35:00 PM	723000.000	73.333	17.985	167.148
28370.121	32759.271	20.638	22276.307	35.248
1.014	14.867			
1/26/2016 8:40:00 PM	723300.000	73.311	17.985	167.097
28375.355	32765.506	20.643	22280.547	35.242
1.014	14.868			
1/26/2016 8:45:00 PM	723600.000	73.332	17.984	167.145
28388.563	32781.391	20.654	22291.348	35.225
1.014	14.870			
1/26/2016 8:50:00 PM	723900.000	73.334	17.984	167.150
28370.170	32760.029	20.639	22276.820	35.248
1.014	14.870			
1/26/2016 8:55:00 PM	724200.000	73.333	17.984	167.148
28368.045	32758.012	20.637	22275.447	35.251
1.014	14.871			
1/26/2016 9:00:00 PM	724500.000	73.333	17.983	167.149
28378.180	32769.840	20.646	22283.492	35.238
1.014	14.872			
1/26/2016 9:05:00 PM	724800.000	73.334	17.983	167.151
28366.137	32756.629	20.636	22274.510	35.253
1.014	14.874			
1/26/2016 9:10:00 PM	725100.000	73.325	17.984	167.130
28372.316	32762.695	20.641	22278.633	35.246
1.014	14.876			
1/26/2016 9:15:00 PM	725400.000	73.329	17.984	167.140
28365.234	32754.330	20.635	22272.947	35.254
1.014	14.878			
1/26/2016 9:20:00 PM	725700.000	73.328	17.984	167.137
28380.293	32772.094	20.647	22285.025	35.236
1.014	14.877			
1/26/2016 9:25:00 PM	726000.000	73.308	17.983	167.092
28383.473	32776.020	20.650	22287.695	35.232
1.014	14.875			
1/26/2016 9:30:00 PM	726300.000	73.335	17.984	167.154

28357.980 32745.953 20.629 22267.248 35.263
1.014 14.874
1/26/2016 9:35:00 PM 726600.000 73.339 17.984 167.163
28358.779 32747.064 20.630 22268.006 35.262
1.014 14.874
1/26/2016 9:40:00 PM 726900.000 73.345 17.984 167.176
28361.855 32750.803 20.632 22270.549 35.259
1.014 14.873
1/26/2016 9:45:00 PM 727200.000 73.321 17.983 167.121
28375.180 32766.377 20.643 22281.137 35.242
1.014 14.873
1/26/2016 9:50:00 PM 727500.000 73.340 17.983 167.164
28354.785 32742.959 20.627 22265.213 35.267
1.014 14.876
1/26/2016 9:55:00 PM 727800.000 73.342 17.985 167.169
28371.150 32760.775 20.639 22277.328 35.247
1.014 14.878
1/26/2016 10:00:00 PM 728100.000 73.320 17.984 167.120
28381.756 32773.410 20.648 22285.922 35.234
1.014 14.880
1/26/2016 10:05:00 PM 728400.000 73.338 17.984 167.160
28372.938 32763.412 20.641 22279.121 35.245
1.014 14.880
1/26/2016 10:10:00 PM 728700.000 73.342 17.984 167.168
28374.594 32765.447 20.643 22280.504 35.243
1.014 14.880
1/26/2016 10:15:00 PM 729000.000 73.345 17.984 167.176
28368.025 32757.480 20.637 22275.090 35.251
1.014 14.880
1/26/2016 10:20:00 PM 729300.000 73.350 17.984 167.187
28381.791 32773.949 20.649 22286.285 35.234
1.014 14.879
1/26/2016 10:25:00 PM 729600.000 73.351 17.984 167.190
28382.594 32774.875 20.649 22286.916 35.233
1.014 14.878
1/26/2016 10:30:00 PM 729900.000 73.363 17.984 167.218
28358.645 32747.096 20.630 22268.025 35.263
1.014 14.877
1/26/2016 10:35:00 PM 730200.000 73.360 17.984 167.210
28369.641 32759.920 20.639 22276.746 35.249
1.014 14.879
1/26/2016 10:40:00 PM 730500.000 73.356 17.984 167.201
28379.191 32770.633 20.646 22284.033 35.237
1.014 14.881
1/26/2016 10:45:00 PM 730800.000 73.337 17.985 167.157
28373.090 32763.074 20.641 22278.893 35.245
1.014 14.883
1/26/2016 10:50:00 PM 731100.000 73.362 17.984 167.215
28357.000 32745.063 20.629 22266.643 35.265
1.014 14.881
1/26/2016 10:55:00 PM 731400.000 73.365 17.985 167.222
28384.863 32776.609 20.650 22288.096 35.230
1.014 14.880
1/26/2016 11:00:00 PM 731700.000 73.365 17.984 167.221
28361.521 32750.283 20.632 22270.195 35.259
1.014 14.879
1/26/2016 11:05:00 PM 732000.000 73.371 17.984 167.236
28373.475 32764.088 20.642 22279.582 35.244

1.014 14.879
1/26/2016 11:10:00 PM 732300.000 73.353 17.984 167.194
28380.508 32772.090 20.647 22285.023 35.235
1.014 14.880
1/26/2016 11:15:00 PM 732600.000 73.373 17.984 167.240
28368.783 32758.551 20.638 22275.816 35.250
1.014 14.880
1/26/2016 11:20:00 PM 732900.000 73.379 17.984 167.253
28393.453 32787.156 20.658 22295.268 35.219
1.014 14.881
1/26/2016 11:25:00 PM 733200.000 73.376 17.983 167.247
28376.420 32767.941 20.644 22282.201 35.241
1.014 14.882
1/26/2016 11:30:00 PM 733500.000 73.375 17.983 167.244
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1/27/2016 11:35:00 AM 777000.000 73.455 17.986 167.426
28366.289 32754.594 20.635 22273.125 35.253
1.014 14.871
1/27/2016 11:40:00 AM 777300.000 73.479 17.984 167.481
28371.813 32762.049 20.640 22278.195 35.246
1.014 14.871
1/27/2016 11:45:00 AM 777600.000 73.484 17.985 167.494
28368.203 32757.561 20.637 22275.141 35.251
1.014 14.871
1/27/2016 11:50:00 AM 777900.000 73.458 17.983 167.434
28376.441 32767.834 20.644 22282.127 35.241
1.014 14.871
1/27/2016 11:55:00 AM 778200.000 73.479 17.984 167.481
28377.514 32768.438 20.645 22282.537 35.239
1.014 14.871
1/27/2016 12:00:00 PM 778500.000 73.485 17.983 167.496

28381.105 32773.285 20.648 22285.836 35.235
1.014 14.871
1/27/2016 12:05:00 PM 778800.000 73.481 17.984 167.486
28380.078 32771.473 20.647 22284.604 35.236
1.014 14.868
1/27/2016 12:10:00 PM 779100.000 73.485 17.985 167.495
28379.051 32769.898 20.646 22283.533 35.237
1.014 14.865
1/27/2016 12:15:00 PM 779400.000 73.491 17.984 167.508
28363.730 32752.715 20.634 22271.848 35.256
1.014 14.862
1/27/2016 12:20:00 PM 779700.000 73.495 17.984 167.517
28385.500 32777.793 20.651 22288.902 35.229
1.014 14.859
1/27/2016 12:25:00 PM 780000.000 73.494 17.984 167.516
28374.979 32766.018 20.643 22280.893 35.242
1.014 14.857
1/27/2016 12:30:00 PM 780300.000 73.495 17.983 167.518
28379.145 32770.953 20.646 22284.248 35.237
1.014 14.854
1/27/2016 12:35:00 PM 780600.000 73.478 17.985 167.479
28383.359 32774.746 20.649 22286.828 35.232
1.014 14.855
1/27/2016 12:40:00 PM 780900.000 73.473 17.985 167.469
28395.426 32788.867 20.659 22296.430 35.217
1.014 14.857
1/27/2016 12:45:00 PM 781200.000 73.492 17.985 167.511
28375.055 32765.473 20.643 22280.523 35.242
1.014 14.858
1/27/2016 12:50:00 PM 781500.000 73.494 17.984 167.516
28385.516 32777.992 20.651 22289.035 35.229
1.014 14.857
1/27/2016 12:55:00 PM 781800.000 73.493 17.984 167.513
28384.264 32776.230 20.650 22287.840 35.231
1.014 14.856
1/27/2016 1:00:00 PM 782100.000 73.495 17.984 167.517
28360.602 32748.980 20.631 22269.309 35.260
1.014 14.856
1/27/2016 1:05:00 PM 782400.000 73.500 17.985 167.529
28397.063 32790.828 20.660 22297.764 35.215
1.014 14.855
1/27/2016 1:10:00 PM 782700.000 73.496 17.985 167.519
28376.051 32766.436 20.643 22281.178 35.241
1.014 14.854
1/27/2016 1:15:00 PM 783000.000 73.481 17.983 167.487
28388.943 32782.402 20.654 22292.033 35.225
1.014 14.854
1/27/2016 1:20:00 PM 783300.000 73.505 17.984 167.539
28379.031 32770.324 20.646 22283.820 35.237
1.014 14.854
1/27/2016 1:25:00 PM 783600.000 73.482 17.984 167.489
28368.576 32758.063 20.638 22275.484 35.250
1.014 14.854
1/27/2016 1:30:00 PM 783900.000 73.505 17.984 167.541
28381.160 32773.156 20.648 22285.748 35.235
1.014 14.855
1/27/2016 1:35:00 PM 784200.000 73.481 17.985 167.486
28369.857 32759.211 20.638 22276.264 35.249

1.014 14.855
1/27/2016 1:40:00 PM 784500.000 73.484 17.984 167.493
28387.063 32779.410 20.652 22290.000 35.227
1.014 14.856
1/27/2016 1:45:00 PM 784800.000 73.493 17.984 167.514
28371.996 32762.326 20.640 22278.383 35.246
1.014 14.857
1/27/2016 1:50:00 PM 785100.000 73.498 17.984 167.524
28385.127 32777.301 20.651 22288.564 35.230
1.014 14.856
1/27/2016 1:55:00 PM 785400.000 73.500 17.984 167.528
28390.816 32783.992 20.656 22293.115 35.223
1.014 14.856
1/27/2016 2:00:00 PM 785700.000 73.498 17.984 167.524
28384.629 32776.727 20.650 22288.176 35.230
1.014 14.855
1/27/2016 2:05:00 PM 786000.000 73.499 17.985 167.526
28389.490 32781.883 20.654 22291.682 35.224
1.014 14.856
1/27/2016 2:10:00 PM 786300.000 73.497 17.985 167.521
28384.543 32776.301 20.650 22287.885 35.230
1.014 14.857
1/27/2016 2:15:00 PM 786600.000 73.475 17.984 167.472
28356.145 32744.143 20.628 22266.018 35.266
1.014 14.859
1/27/2016 2:20:00 PM 786900.000 73.493 17.984 167.514
28389.447 32782.352 20.654 22292.002 35.224
1.014 14.860
1/27/2016 2:25:00 PM 787200.000 73.470 17.984 167.460
28384.180 32776.270 20.650 22287.865 35.231
1.014 14.862
1/27/2016 2:30:00 PM 787500.000 73.469 17.984 167.458
28377.996 32769.504 20.645 22283.264 35.239
1.014 14.863
1/27/2016 2:35:00 PM 787800.000 73.489 17.985 167.504
28384.168 32775.938 20.650 22287.639 35.231
1.014 14.860
1/27/2016 2:40:00 PM 788100.000 73.497 17.985 167.523
28377.482 32768.148 20.645 22282.344 35.239
1.014 14.856
1/27/2016 2:45:00 PM 788400.000 73.496 17.984 167.519
28380.219 32771.633 20.647 22284.711 35.236
1.014 14.853
1/27/2016 2:50:00 PM 788700.000 73.492 17.984 167.512
28389.434 32782.648 20.655 22292.201 35.224
1.014 14.853
1/27/2016 2:55:00 PM 789000.000 73.494 17.984 167.515
28376.564 32767.414 20.644 22281.844 35.240
1.014 14.853
1/27/2016 3:00:00 PM 789300.000 73.488 17.984 167.501
28373.342 32764.002 20.642 22279.521 35.244
1.014 14.853
1/27/2016 3:05:00 PM 789600.000 73.487 17.984 167.500
28371.975 32762.113 20.640 22278.238 35.246
1.014 14.853
1/27/2016 3:10:00 PM 789900.000 73.486 17.984 167.498
28383.824 32775.797 20.650 22287.545 35.231
1.014 14.852

1/27/2016 3:15:00 PM	790200.000	73.486	17.984	167.498
28380.617	32772.594	20.648	22285.363	35.235
1.014	14.852			
1/27/2016 3:20:00 PM	790500.000	73.484	17.985	167.493
28368.230	32757.535	20.637	22275.125	35.251
1.014	14.851			
1/27/2016 3:25:00 PM	790800.000	73.460	17.984	167.437
28388.850	32781.723	20.654	22291.572	35.225
1.014	14.850			
1/27/2016 3:30:00 PM	791100.000	73.482	17.984	167.489
28372.855	32763.004	20.641	22278.846	35.245
1.014	14.849			
1/27/2016 3:35:00 PM	791400.000	73.459	17.985	167.435
28390.672	32783.004	20.655	22292.443	35.223
1.014	14.848			
1/27/2016 3:40:00 PM	791700.000	73.461	17.984	167.440
28366.490	32755.781	20.636	22273.934	35.253
1.014	14.846			
1/27/2016 3:45:00 PM	792000.000	73.476	17.984	167.474
28382.527	32774.359	20.649	22286.566	35.233
1.014	14.845			
1/27/2016 3:50:00 PM	792300.000	73.474	17.984	167.469
28371.971	32762.037	20.640	22278.188	35.246
1.014	14.845			
1/27/2016 3:55:00 PM	792600.000	73.473	17.985	167.468
28363.748	32752.287	20.634	22271.555	35.256
1.014	14.846			
1/27/2016 4:00:00 PM	792900.000	73.469	17.984	167.458
28387.818	32780.469	20.653	22290.721	35.226
1.014	14.846			
1/27/2016 4:05:00 PM	793200.000	73.461	17.984	167.440
28382.363	32774.109	20.649	22286.396	35.233
1.014	14.849			
1/27/2016 4:10:00 PM	793500.000	73.462	17.985	167.442
28381.998	32773.434	20.648	22285.936	35.234
1.014	14.852			
1/27/2016 4:15:00 PM	793800.000	73.458	17.984	167.433
28380.104	32771.375	20.647	22284.537	35.236
1.014	14.855			
1/27/2016 4:20:00 PM	794100.000	73.456	17.984	167.429
28378.117	32769.133	20.645	22283.010	35.238
1.014	14.852			
1/27/2016 4:25:00 PM	794400.000	73.460	17.984	167.438
28380.994	32772.527	20.648	22285.320	35.235
1.014	14.849			
1/27/2016 4:30:00 PM	794700.000	73.439	17.984	167.391
28370.127	32760.041	20.639	22276.828	35.248
1.014	14.846			
1/27/2016 4:35:00 PM	795000.000	73.451	17.984	167.418
28366.834	32756.238	20.636	22274.242	35.252
1.014	14.850			
1/27/2016 4:40:00 PM	795300.000	73.424	17.984	167.357
28370.990	32761.164	20.640	22277.594	35.247
1.014	14.854			
1/27/2016 4:45:00 PM	795600.000	73.447	17.984	167.408
28360.695	32749.090	20.631	22269.383	35.260
1.014	14.857			
1/27/2016 4:50:00 PM	795900.000	73.441	17.984	167.394

28379.975 32771.539 20.647 22284.646 35.236
1.014 14.856
1/27/2016 4:55:00 PM 796200.000 73.442 17.984 167.397
28375.012 32765.682 20.643 22280.664 35.242
1.014 14.855
1/27/2016 5:00:00 PM 796500.000 73.438 17.984 167.387
28370.193 32760.117 20.639 22276.883 35.248
1.014 14.853
1/27/2016 5:05:00 PM 796800.000 73.434 17.984 167.380
28380.305 32771.660 20.647 22284.729 35.236
1.014 14.856
1/27/2016 5:10:00 PM 797100.000 73.422 17.984 167.352
28382.885 32774.641 20.649 22286.756 35.233
1.014 14.859
1/27/2016 5:15:00 PM 797400.000 73.427 17.984 167.362
28384.814 32776.813 20.651 22288.232 35.230
1.014 14.862
1/27/2016 5:20:00 PM 797700.000 73.401 17.984 167.303
28372.633 32763.248 20.641 22279.012 35.245
1.014 14.861
1/27/2016 5:25:00 PM 798000.000 73.420 17.985 167.346
28371.250 32760.891 20.640 22277.406 35.247
1.014 14.860
1/27/2016 5:30:00 PM 798300.000 73.419 17.985 167.344
28378.141 32769.035 20.645 22282.943 35.238
1.014 14.859
1/27/2016 5:35:00 PM 798600.000 73.410 17.984 167.324
28401.197 32795.918 20.664 22301.227 35.210
1.014 14.859
1/27/2016 5:40:00 PM 798900.000 73.389 17.983 167.275
28358.609 32747.242 20.630 22268.125 35.263
1.014 14.858
1/27/2016 5:45:00 PM 799200.000 73.410 17.984 167.325
28382.459 32774.281 20.649 22286.512 35.233
1.014 14.858
1/27/2016 5:50:00 PM 799500.000 73.409 17.984 167.322
28394.117 32787.805 20.658 22295.707 35.219
1.014 14.855
1/27/2016 5:55:00 PM 799800.000 73.411 17.984 167.327
28384.811 32776.996 20.651 22288.359 35.230
1.014 14.853
1/27/2016 6:00:00 PM 800100.000 73.412 17.984 167.330
28368.775 32758.480 20.638 22275.768 35.250
1.014 14.850
1/27/2016 6:05:00 PM 800400.000 73.407 17.984 167.316
28367.191 32756.965 20.637 22274.738 35.252
1.014 14.853
1/27/2016 6:10:00 PM 800700.000 73.385 17.984 167.266
28384.432 32776.426 20.650 22287.971 35.231
1.014 14.856
1/27/2016 6:15:00 PM 801000.000 73.394 17.983 167.287
28389.234 32782.801 20.655 22292.305 35.225
1.014 14.859
1/27/2016 6:20:00 PM 801300.000 73.379 17.984 167.253
28374.000 32764.514 20.642 22279.871 35.244
1.014 14.859
1/27/2016 6:25:00 PM 801600.000 73.392 17.985 167.283
28393.137 32786.297 20.657 22294.684 35.220

1.014 14.860
1/27/2016 6:30:00 PM 801900.000 73.392 17.984 167.282
28377.225 32768.105 20.645 22282.314 35.240
1.014 14.860
1/27/2016 6:35:00 PM 802200.000 73.385 17.983 167.267
28371.695 32762.547 20.641 22278.531 35.246
1.014 14.862
1/27/2016 6:40:00 PM 802500.000 73.385 17.985 167.266
28379.736 32770.500 20.646 22283.941 35.236
1.014 14.865
1/27/2016 6:45:00 PM 802800.000 73.360 17.984 167.209
28393.070 32786.535 20.657 22294.846 35.220
1.014 14.867
1/27/2016 6:50:00 PM 803100.000 73.359 17.984 167.208
28383.502 32775.484 20.650 22287.330 35.232
1.014 14.865
1/27/2016 6:55:00 PM 803400.000 73.375 17.984 167.244
28388.174 32780.941 20.653 22291.043 35.226
1.014 14.863
1/27/2016 7:00:00 PM 803700.000 73.377 17.984 167.248
28372.406 32763.047 20.641 22278.873 35.246
1.014 14.861
1/27/2016 7:05:00 PM 804000.000 73.352 17.985 167.193
28368.758 32758.201 20.638 22275.578 35.250
1.014 14.864
1/27/2016 7:10:00 PM 804300.000 73.370 17.984 167.234
28400.605 32795.418 20.663 22300.887 35.211
1.014 14.866
1/27/2016 7:15:00 PM 804600.000 73.342 17.984 167.170
28369.414 32759.398 20.638 22276.393 35.249
1.014 14.869
1/27/2016 7:20:00 PM 804900.000 73.364 17.984 167.218
28378.613 32769.902 20.646 22283.535 35.238
1.014 14.867
1/27/2016 7:25:00 PM 805200.000 73.365 17.984 167.222
28383.049 32775.023 20.649 22287.016 35.232
1.014 14.865
1/27/2016 7:30:00 PM 805500.000 73.368 17.984 167.228
28373.543 32764.234 20.642 22279.680 35.244
1.014 14.862
1/27/2016 7:35:00 PM 805800.000 73.366 17.984 167.225
28397.391 32791.648 20.661 22298.320 35.215
1.014 14.864
1/27/2016 7:40:00 PM 806100.000 73.340 17.984 167.164
28369.455 32759.391 20.638 22276.389 35.249
1.014 14.866
1/27/2016 7:45:00 PM 806400.000 73.359 17.984 167.207
28372.631 32762.932 20.641 22278.793 35.245
1.014 14.869
1/27/2016 7:50:00 PM 806700.000 73.357 17.984 167.203
28381.520 32773.195 20.648 22285.773 35.234
1.014 14.868
1/27/2016 7:55:00 PM 807000.000 73.355 17.984 167.198
28379.164 32770.477 20.646 22283.924 35.237
1.014 14.867
1/27/2016 8:00:00 PM 807300.000 73.359 17.984 167.208
28382.174 32774.078 20.649 22286.375 35.233
1.014 14.866

1/27/2016 8:05:00 PM 807600.000 73.356 17.984 167.200
28383.660 32775.918 20.650 22287.627 35.232
1.014 14.866
1/27/2016 8:10:00 PM 807900.000 73.354 17.984 167.195
28379.299 32770.758 20.646 22284.117 35.237
1.014 14.867
1/27/2016 8:15:00 PM 808200.000 73.331 17.984 167.144
28385.623 32777.934 20.651 22288.996 35.229
1.014 14.867
1/27/2016 8:20:00 PM 808500.000 73.329 17.983 167.139
28357.932 32746.773 20.630 22267.807 35.264
1.014 14.869
1/27/2016 8:25:00 PM 808800.000 73.347 17.984 167.181
28383.352 32775.313 20.649 22287.215 35.232
1.014 14.871
1/27/2016 8:30:00 PM 809100.000 73.324 17.984 167.129
28385.262 32777.699 20.651 22288.838 35.230
1.014 14.872
1/27/2016 8:35:00 PM 809400.000 73.347 17.984 167.182
28374.924 32765.393 20.643 22280.469 35.242
1.014 14.874
1/27/2016 8:40:00 PM 809700.000 73.319 17.984 167.117
28381.980 32774.168 20.649 22286.434 35.234
1.014 14.875
1/27/2016 8:45:00 PM 810000.000 73.339 17.984 167.162
28378.139 32769.605 20.646 22283.332 35.238
1.014 14.876
1/27/2016 8:50:00 PM 810300.000 73.337 17.984 167.158
28379.119 32770.738 20.646 22284.104 35.237
1.014 14.875
1/27/2016 8:55:00 PM 810600.000 73.337 17.983 167.158
28366.695 32756.711 20.637 22274.564 35.253
1.014 14.874
1/27/2016 9:00:00 PM 810900.000 73.340 17.985 167.164
28361.582 32749.914 20.632 22269.943 35.259
1.014 14.872
1/27/2016 9:05:00 PM 811200.000 73.341 17.984 167.167
28385.879 32778.098 20.651 22289.107 35.229
1.014 14.872
1/27/2016 9:10:00 PM 811500.000 73.347 17.984 167.181
28379.297 32770.758 20.646 22284.117 35.237
1.014 14.871
1/27/2016 9:15:00 PM 811800.000 73.351 17.984 167.190
28383.184 32775.492 20.650 22287.334 35.232
1.014 14.870
1/27/2016 9:20:00 PM 812100.000 73.325 17.984 167.131
28395.229 32788.965 20.659 22296.498 35.217
1.014 14.871
1/27/2016 9:25:00 PM 812400.000 73.346 17.984 167.177
28370.902 32761.184 20.640 22277.607 35.247
1.014 14.872
1/27/2016 9:30:00 PM 812700.000 73.344 17.984 167.174
28398.480 32792.906 20.662 22299.178 35.213
1.014 14.873
1/27/2016 9:35:00 PM 813000.000 73.352 17.984 167.191
28374.373 32765.383 20.643 22280.463 35.243
1.014 14.871
1/27/2016 9:40:00 PM 813300.000 73.349 17.984 167.185

28379.627 32771.258 20.647 22284.457 35.237
1.014 14.870
1/27/2016 9:45:00 PM 813600.000 73.333 17.985 167.150
28377.953 32768.762 20.645 22282.758 35.239
1.014 14.869
1/27/2016 9:50:00 PM 813900.000 73.331 17.984 167.144
28392.850 32786.527 20.657 22294.840 35.220
1.014 14.871
1/27/2016 9:55:00 PM 814200.000 73.351 17.984 167.191
28382.293 32774.270 20.649 22286.504 35.233
1.014 14.873
1/27/2016 10:00:00 PM 814500.000 73.328 17.984 167.138
28374.623 32765.100 20.642 22280.268 35.243
1.014 14.875
1/27/2016 10:05:00 PM 814800.000 73.331 17.984 167.144
28364.705 32754.219 20.635 22272.871 35.255
1.014 14.875
1/27/2016 10:10:00 PM 815100.000 73.334 17.984 167.151
28371.219 32761.482 20.640 22277.809 35.247
1.014 14.876
1/27/2016 10:15:00 PM 815400.000 73.352 17.984 167.191
28370.184 32759.973 20.639 22276.783 35.248
1.014 14.876
1/27/2016 10:20:00 PM 815700.000 73.337 17.985 167.157
28367.869 32757.117 20.637 22274.842 35.251
1.014 14.874
1/27/2016 10:25:00 PM 816000.000 73.341 17.984 167.167
28387.371 32780.078 20.653 22290.455 35.227
1.014 14.872
1/27/2016 10:30:00 PM 816300.000 73.362 17.983 167.216
28362.332 32752.234 20.633 22271.521 35.258
1.014 14.871
1/27/2016 10:35:00 PM 816600.000 73.362 17.984 167.214
28371.742 32762.346 20.640 22278.395 35.246
1.014 14.872
1/27/2016 10:40:00 PM 816900.000 73.361 17.984 167.213
28382.016 32773.949 20.649 22286.285 35.234
1.014 14.874
1/27/2016 10:45:00 PM 817200.000 73.341 17.984 167.166
28373.031 32763.521 20.641 22279.195 35.245
1.014 14.875
1/27/2016 10:50:00 PM 817500.000 73.358 17.984 167.206
28368.523 32758.129 20.638 22275.527 35.250
1.014 14.876
1/27/2016 10:55:00 PM 817800.000 73.363 17.984 167.216
28390.309 32783.156 20.655 22292.547 35.223
1.014 14.876
1/27/2016 11:00:00 PM 818100.000 73.367 17.984 167.227
28378.660 32770.207 20.646 22283.740 35.238
1.014 14.877
1/27/2016 11:05:00 PM 818400.000 73.370 17.983 167.233
28388.951 32782.660 20.655 22292.209 35.225
1.014 14.876
1/27/2016 11:10:00 PM 818700.000 73.377 17.985 167.249
28375.992 32766.498 20.643 22281.219 35.241
1.014 14.875
1/27/2016 11:15:00 PM 819000.000 73.377 17.984 167.249
28387.594 32780.652 20.653 22290.844 35.227

1.014 14.875
1/27/2016 11:20:00 PM 819300.000 73.370 17.984 167.233
28386.639 32778.922 20.652 22289.670 35.228
1.014 14.876
1/27/2016 11:25:00 PM 819600.000 73.374 17.984 167.241
28365.926 32755.504 20.636 22273.742 35.254
1.014 14.878
1/27/2016 11:30:00 PM 819900.000 73.378 17.984 167.250
28388.549 32781.625 20.654 22291.508 35.225
1.014 14.879
1/27/2016 11:35:00 PM 820200.000 73.380 17.984 167.255
28383.160 32775.406 20.650 22287.279 35.232
1.014 14.877
1/27/2016 11:40:00 PM 820500.000 73.383 17.984 167.262
28379.623 32771.008 20.647 22284.287 35.237
1.014 14.875
1/27/2016 11:45:00 PM 820800.000 73.382 17.984 167.259
28372.912 32763.438 20.641 22279.141 35.245
1.014 14.872
1/27/2016 11:50:00 PM 821100.000 73.391 17.984 167.280
28380.715 32772.395 20.647 22285.229 35.235
1.014 14.872
1/27/2016 11:55:00 PM 821400.000 73.389 17.984 167.276
28383.594 32775.652 20.650 22287.445 35.232
1.014 14.871

Report Date: 2/1/2016 10:38:58 AM
Report User Name: KMakar
Report Computer Name: WKST46
Application: WinSitu.exe
Application Version: 5.6.25.0

Log File Properties:
File Name: MPWSP MW-4S LT Test_2016-01-28_14-44-54-272-BaroMerge.wsl
Create Date: 2/1/2016 10:37:01 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
2/1/2016 10:37:01 AM	User Note: "Pressure & Level adjusted by baro data from: "MPWSP BaroTroll Pre Test_2016-01-28_14-47-48-317.wsl""

Log Data:
Record Count: 2914
Sensors: 2
    1 - 399147: PCTD 30 PSIA (10.9m/35.8ft)
    2 - 0: Baro-Adjustment Calc
Time Zone: Pacific Standard Time

		Sensor: PCTD(A) 35.8ft	Sensor: PCTD(A) 35.8ft	Sensor: PCTD(A) 35.8ft	Sensor: PCTD(A) 35.8ft	Sensor: PCTD(A) 35.8ft	Sensor: PCTD(A) 35.8ft	Sensor: 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)	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)
1/21/2016 12:00:00 AM	216900.000	12.320	17.641	28.081	7638.876	8888.081
5.011	6043.895	130.909	1.002	14.838		
1/21/2016 12:05:00 AM	217200.000	12.321	17.641	28.083	7640.536	8890.027
5.012	6045.219	130.881	1.002	14.836		
1/21/2016 12:10:00 AM	217500.000	12.323	17.642	28.087	7643.329	8893.228
5.014	6047.395	130.833	1.002	14.833		
1/21/2016 12:15:00 AM	217800.000	12.325	17.642	28.093	7645.051	8895.127
5.015	6048.687	130.804	1.002	14.831		
1/21/2016 12:20:00 AM	218100.000	12.325	17.642	28.092	7648.065	8898.634
5.017	6051.071	130.752	1.002	14.831		
1/21/2016 12:25:00 AM	218400.000	12.322	17.641	28.085	7651.223	8902.498
5.020	6053.699	130.698	1.003	14.830		
1/21/2016 12:30:00 AM	218700.000	12.323	17.641	28.088	7651.475	8902.826
5.020	6053.922	130.694	1.003	14.830		
1/21/2016 12:35:00 AM	219000.000	12.324	17.640	28.089	7654.365	8906.309
5.022	6056.290	130.644	1.003	14.829		
1/21/2016 12:40:00 AM	219300.000	12.322	17.642	28.086	7657.188	8909.370
5.024	6058.372	130.596	1.003	14.828		
1/21/2016 12:45:00 AM	219600.000	12.325	17.640	28.092	7656.570	8908.942
5.024	6058.081	130.607	1.003	14.827		
1/21/2016 12:50:00 AM	219900.000	12.324	17.641	28.090	7659.038	8911.626
5.025	6059.906	130.565	1.003	14.827		
1/21/2016 12:55:00 AM	220200.000	12.321	17.642	28.084	7661.705	8914.591
5.027	6061.922	130.519	1.003	14.827		
1/21/2016 1:00:00 AM	220500.000	12.323	17.642	28.088	7662.740	8915.829
5.028	6062.764	130.502	1.003	14.827		
1/21/2016 1:05:00 AM	220800.000	12.324	17.642	28.091	7662.565	8915.625
5.028	6062.625	130.505	1.003	14.826		
1/21/2016 1:10:00 AM	221100.000	12.324	17.641	28.091	7665.636	8919.285
5.030	6065.114	130.452	1.003	14.825		
1/21/2016 1:15:00 AM	221400.000	12.323	17.641	28.089	7667.474	8921.407
5.031	6066.558	130.421	1.003	14.824		
1/21/2016 1:20:00 AM	221700.000	12.324	17.640	28.091	7668.139	8922.424
5.032	6067.249	130.410	1.003	14.823		
1/21/2016 1:25:00 AM	222000.000	12.325	17.640	28.092		

7669.422 8923.881 5.033 6068.240 130.388
1.003 14.822
1/21/2016 1:30:00 AM 222300.000 12.326 17.642 28.095
7669.584 8923.706 5.033 6068.121 130.385
1.003 14.820
1/21/2016 1:35:00 AM 222600.000 12.325 17.640 28.092
7672.120 8926.950 5.035 6070.326 130.342
1.003 14.821
1/21/2016 1:40:00 AM 222900.000 12.323 17.642 28.089
7673.205 8927.988 5.035 6071.033 130.324
1.003 14.821
1/21/2016 1:45:00 AM 223200.000 12.324 17.640 28.089
7673.755 8929.026 5.036 6071.738 130.314
1.003 14.822
1/21/2016 1:50:00 AM 223500.000 12.328 17.642 28.099
7672.808 8927.510 5.035 6070.707 130.330
1.003 14.821
1/21/2016 1:55:00 AM 223800.000 12.329 17.641 28.101
7674.211 8929.229 5.036 6071.876 130.307
1.003 14.820
1/21/2016 2:00:00 AM 224100.000 12.328 17.642 28.099
7676.802 8932.051 5.038 6073.795 130.263
1.003 14.819
1/21/2016 2:05:00 AM 224400.000 12.327 17.640 28.097
7678.164 8934.089 5.039 6075.181 130.239
1.003 14.821
1/21/2016 2:10:00 AM 224700.000 12.327 17.642 28.096
7678.406 8933.952 5.039 6075.087 130.235
1.003 14.823
1/21/2016 2:15:00 AM 225000.000 12.327 17.642 28.097
7680.959 8936.888 5.041 6077.083 130.192
1.003 14.825
1/21/2016 2:20:00 AM 225300.000 12.326 17.640 28.095
7682.424 8938.975 5.042 6078.503 130.167
1.003 14.825
1/21/2016 2:25:00 AM 225600.000 12.327 17.640 28.098
7682.903 8939.653 5.042 6078.965 130.159
1.003 14.825
1/21/2016 2:30:00 AM 225900.000 12.327 17.640 28.098
7682.819 8939.486 5.042 6078.851 130.161
1.003 14.825
1/21/2016 2:35:00 AM 226200.000 12.326 17.640 28.095
7685.219 8942.242 5.044 6080.725 130.120
1.003 14.825
1/21/2016 2:40:00 AM 226500.000 12.326 17.642 28.094
7689.315 8946.664 5.047 6083.731 130.051
1.003 14.826
1/21/2016 2:45:00 AM 226800.000 12.324 17.642 28.089
7692.076 8949.908 5.048 6085.938 130.004
1.003 14.827
1/21/2016 2:50:00 AM 227100.000 12.325 17.642 28.093
7692.840 8950.852 5.049 6086.579 129.991
1.003 14.824
1/21/2016 2:55:00 AM 227400.000 12.328 17.641 28.099
7694.821 8953.227 5.050 6088.195 129.958
1.003 14.820
1/21/2016 3:00:00 AM 227700.000 12.330 17.640 28.104

7698.140 8957.261 5.053 6090.938 129.902
1.003 14.817
1/21/2016 3:05:00 AM 228000.000 12.329 17.642 28.101
7699.179 8958.141 5.053 6091.536 129.884
1.003 14.816
1/21/2016 3:10:00 AM 228300.000 12.331 17.642 28.106
7702.310 8961.783 5.056 6094.013 129.831
1.003 14.816
1/21/2016 3:15:00 AM 228600.000 12.331 17.642 28.107
7703.987 8963.805 5.057 6095.388 129.803
1.003 14.815
1/21/2016 3:20:00 AM 228900.000 12.328 17.639 28.099
7707.873 8968.759 5.060 6098.756 129.737
1.003 14.818
1/21/2016 3:25:00 AM 229200.000 12.325 17.640 28.092
7709.300 8970.298 5.061 6099.803 129.713
1.003 14.821
1/21/2016 3:30:00 AM 229500.000 12.322 17.641 28.085
7712.699 8974.028 5.063 6102.340 129.656
1.003 14.824
1/21/2016 3:35:00 AM 229800.000 12.327 17.640 28.096
7715.814 8977.931 5.065 6104.993 129.604
1.003 14.822
1/21/2016 3:40:00 AM 230100.000 12.327 17.641 28.096
7719.433 8981.933 5.068 6107.715 129.543
1.003 14.820
1/21/2016 3:45:00 AM 230400.000 12.330 17.641 28.105
7719.614 8982.022 5.068 6107.776 129.540
1.003 14.817
1/21/2016 3:50:00 AM 230700.000 12.329 17.640 28.102
7722.882 8986.050 5.070 6110.515 129.485
1.003 14.818
1/21/2016 3:55:00 AM 231000.000 12.329 17.641 28.101
7724.155 8987.321 5.071 6111.379 129.464
1.003 14.819
1/21/2016 4:00:00 AM 231300.000 12.326 17.642 28.095
7724.732 8987.818 5.071 6111.717 129.454
1.003 14.820
1/21/2016 4:05:00 AM 231600.000 12.328 17.642 28.100
7727.405 8990.982 5.073 6113.868 129.410
1.003 14.818
1/21/2016 4:10:00 AM 231900.000 12.329 17.642 28.101
7729.095 8993.035 5.075 6115.265 129.381
1.003 14.817
1/21/2016 4:15:00 AM 232200.000 12.329 17.641 28.102
7731.145 8995.438 5.076 6116.898 129.347
1.003 14.816
1/21/2016 4:20:00 AM 232500.000 12.332 17.641 28.109
7733.820 8998.639 5.078 6119.074 129.302
1.003 14.815
1/21/2016 4:25:00 AM 232800.000 12.330 17.640 28.104
7733.836 8998.848 5.078 6119.216 129.302
1.003 14.814
1/21/2016 4:30:00 AM 233100.000 12.329 17.641 28.102
7736.943 9002.339 5.080 6121.591 129.250
1.003 14.814
1/21/2016 4:35:00 AM 233400.000 12.328 17.640 28.100

7737.017 9002.584 5.080 6121.757 129.249
1.003 14.814
1/21/2016 4:40:00 AM 233700.000 12.329 17.640 28.102
7739.922 9005.877 5.082 6123.997 129.200
1.003 14.814
1/21/2016 4:45:00 AM 234000.000 12.328 17.640 28.098
7740.948 9007.053 5.083 6124.796 129.183
1.003 14.815
1/21/2016 4:50:00 AM 234300.000 12.328 17.640 28.099
7741.165 9007.288 5.083 6124.956 129.180
1.003 14.814
1/21/2016 4:55:00 AM 234600.000 12.327 17.642 28.098
7743.246 9009.446 5.085 6126.424 129.145
1.003 14.813
1/21/2016 5:00:00 AM 234900.000 12.328 17.641 28.100
7744.922 9011.573 5.086 6127.870 129.117
1.003 14.812
1/21/2016 5:05:00 AM 235200.000 12.329 17.640 28.102
7745.448 9012.307 5.086 6128.369 129.108
1.003 14.810
1/21/2016 5:10:00 AM 235500.000 12.331 17.640 28.105
7747.407 9014.587 5.088 6129.919 129.075
1.003 14.809
1/21/2016 5:15:00 AM 235800.000 12.330 17.641 28.103
7747.199 9014.188 5.087 6129.648 129.079
1.003 14.807
1/21/2016 5:20:00 AM 236100.000 12.331 17.641 28.105
7747.870 9015.020 5.088 6130.214 129.068
1.003 14.808
1/21/2016 5:25:00 AM 236400.000 12.330 17.640 28.104
7749.060 9016.491 5.089 6131.214 129.048
1.003 14.809
1/21/2016 5:30:00 AM 236700.000 12.330 17.640 28.104
7751.401 9019.339 5.090 6133.150 129.009
1.003 14.810
1/21/2016 5:35:00 AM 237000.000 12.330 17.641 28.103
7752.150 9019.915 5.091 6133.542 128.996
1.003 14.809
1/21/2016 5:40:00 AM 237300.000 12.330 17.640 28.103
7753.792 9022.051 5.092 6134.995 128.969
1.003 14.808
1/21/2016 5:45:00 AM 237600.000 12.329 17.640 28.102
7755.213 9023.791 5.093 6136.178 128.946
1.003 14.808
1/21/2016 5:50:00 AM 237900.000 12.333 17.640 28.110
7754.706 9023.131 5.093 6135.729 128.954
1.003 14.806
1/21/2016 5:55:00 AM 238200.000 12.331 17.641 28.106
7755.151 9023.423 5.093 6135.928 128.947
1.003 14.804
1/21/2016 6:00:00 AM 238500.000 12.332 17.642 28.108
7756.857 9025.214 5.094 6137.146 128.918
1.003 14.803
1/21/2016 6:05:00 AM 238800.000 12.333 17.642 28.111
7758.137 9026.810 5.095 6138.231 128.897
1.003 14.801
1/21/2016 6:10:00 AM 239100.000 12.333 17.643 28.111

7757.721 9026.149 5.095 6137.782 128.904
1.003 14.799
1/21/2016 6:15:00 AM 239400.000 12.337 17.641 28.121
7759.015 9027.953 5.096 6139.008 128.882
1.003 14.797
1/21/2016 6:20:00 AM 239700.000 12.335 17.641 28.115
7759.762 9028.910 5.096 6139.659 128.870
1.003 14.799
1/21/2016 6:25:00 AM 240000.000 12.333 17.640 28.111
7759.654 9028.802 5.096 6139.586 128.872
1.003 14.800
1/21/2016 6:30:00 AM 240300.000 12.330 17.641 28.105
7759.671 9028.751 5.096 6139.551 128.871
1.003 14.802
1/21/2016 6:35:00 AM 240600.000 12.330 17.642 28.105
7756.639 9025.066 5.094 6137.046 128.922
1.003 14.802
1/21/2016 6:40:00 AM 240900.000 12.330 17.642 28.104
7748.977 9016.114 5.089 6130.958 129.049
1.003 14.803
1/21/2016 6:45:00 AM 241200.000 12.330 17.641 28.104
7737.202 9002.521 5.080 6121.715 129.246
1.003 14.804
1/21/2016 6:50:00 AM 241500.000 12.333 17.642 28.111
7724.786 8988.005 5.072 6111.844 129.453
1.003 14.803
1/21/2016 6:55:00 AM 241800.000 12.335 17.641 28.114
7713.796 8975.391 5.064 6103.266 129.638
1.003 14.802
1/21/2016 7:00:00 AM 242100.000 12.336 17.640 28.117
7705.230 8965.511 5.058 6096.547 129.782
1.003 14.801
1/21/2016 7:05:00 AM 242400.000 12.335 17.642 28.115
7696.472 8955.009 5.052 6089.406 129.930
1.003 14.802
1/21/2016 7:10:00 AM 242700.000 12.336 17.641 28.118
7685.355 8942.195 5.044 6080.693 130.118
1.003 14.803
1/21/2016 7:15:00 AM 243000.000 12.336 17.640 28.118
7679.327 8935.406 5.040 6076.077 130.220
1.003 14.803
1/21/2016 7:20:00 AM 243300.000 12.335 17.641 28.115
7668.657 8922.768 5.032 6067.482 130.401
1.003 14.805
1/21/2016 7:25:00 AM 243600.000 12.335 17.641 28.115
7662.154 8915.217 5.027 6062.348 130.512
1.003 14.807
1/21/2016 7:30:00 AM 243900.000 12.332 17.640 28.108
7656.503 8908.814 5.024 6057.994 130.608
1.003 14.809
1/21/2016 7:35:00 AM 244200.000 12.330 17.640 28.105
7646.526 8897.188 5.017 6050.087 130.778
1.002 14.810
1/21/2016 7:40:00 AM 244500.000 12.331 17.642 28.106
7640.689 8890.104 5.012 6045.271 130.878
1.002 14.811
1/21/2016 7:45:00 AM 244800.000 12.329 17.641 28.102

7633.134 8881.400 5.007 6039.353 131.008
1.002 14.812
1/21/2016 7:50:00 AM 245100.000 12.330 17.641 28.103
7626.070 8873.352 5.002 6033.879 131.129
1.002 14.812
1/21/2016 7:55:00 AM 245400.000 12.330 17.642 28.105
7621.402 8867.731 4.999 6030.058 131.209
1.002 14.812
1/21/2016 8:00:00 AM 245700.000 12.328 17.641 28.098
7613.780 8859.032 4.994 6024.142 131.341
1.002 14.812
1/21/2016 8:05:00 AM 246000.000 12.328 17.639 28.100
7609.924 8854.808 4.991 6021.270 131.407
1.002 14.808
1/21/2016 8:10:00 AM 246300.000 12.332 17.641 28.108
7602.555 8845.971 4.986 6015.261 131.535
1.002 14.805
1/21/2016 8:15:00 AM 246600.000 12.334 17.641 28.112
7597.213 8839.640 4.982 6010.956 131.627
1.002 14.802
1/21/2016 8:20:00 AM 246900.000 12.333 17.639 28.110
7591.553 8833.533 4.978 6006.803 131.725
1.002 14.805
1/21/2016 8:25:00 AM 247200.000 12.328 17.642 28.100
7585.910 8826.368 4.974 6001.930 131.823
1.002 14.809
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1/24/2016 10:20:00 AM 513300.000 12.429 17.643 28.329
9052.475 10532.440 6.013 7162.060 110.467
1.003 14.858
1/24/2016 10:25:00 AM 513600.000 12.428 17.643 28.328
9053.969 10534.138 6.014 7163.214 110.449
1.003 14.858
1/24/2016 10:30:00 AM 513900.000 12.425 17.642 28.321
9053.865 10534.344 6.014 7163.354 110.450
1.003 14.859
1/24/2016 10:35:00 AM 514200.000 12.422 17.642 28.314
9051.716 10531.944 6.013 7161.723 110.476
1.003 14.860
1/24/2016 10:40:00 AM 514500.000 12.422 17.643 28.313
9050.846 10530.625 6.012 7160.826 110.487
1.003 14.862
1/24/2016 10:45:00 AM 514800.000 12.417 17.643 28.303
9051.463 10531.364 6.013 7161.328 110.479
1.003 14.864
1/24/2016 10:50:00 AM 515100.000 12.422 17.643 28.313
9049.883 10529.569 6.012 7160.107 110.499
1.003 14.859
1/24/2016 10:55:00 AM 515400.000 12.426 17.642 28.322
9049.117 10528.882 6.011 7159.640 110.508
1.003 14.854
1/24/2016 11:00:00 AM 515700.000 12.431 17.643 28.335
9048.971 10528.484 6.011 7159.370 110.510
1.003 14.849
1/24/2016 11:05:00 AM 516000.000 12.431 17.643 28.335
9047.816 10527.183 6.010 7158.485 110.524
1.003 14.849
1/24/2016 11:10:00 AM 516300.000 12.430 17.642 28.331
9048.421 10528.030 6.011 7159.061 110.517
1.003 14.850
1/24/2016 11:15:00 AM 516600.000 12.428 17.643 28.327
9046.116 10525.103 6.009 7157.070 110.545
1.003 14.850
1/24/2016 11:20:00 AM 516900.000 12.427 17.642 28.324
9046.440 10525.604 6.009 7157.411 110.541
1.003 14.849
1/24/2016 11:25:00 AM 517200.000 12.426 17.642 28.322
9045.615 10524.703 6.009 7156.799 110.551
1.003 14.848
1/24/2016 11:30:00 AM 517500.000 12.426 17.643 28.323
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1/24/2016 11:35:00 AM 517800.000 12.427 17.642 28.326
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9041.135 10519.695 6.005 7153.393 110.606
1.003 14.834
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9040.169 10518.611 6.005 7152.656 110.617
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1.003 14.833
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1.003 14.827
1/24/2016 12:50:00 PM 522300.000 12.432 17.641 28.337
9036.029 10513.855 6.002 7149.422 110.668
1.003 14.825
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9034.307 10511.648 6.001 7147.921 110.689
1.003 14.822
1/24/2016 1:00:00 PM 522900.000 12.435 17.642 28.344
9033.888 10511.161 6.000 7147.590 110.694
1.003 14.820
1/24/2016 1:05:00 PM 523200.000 12.433 17.641 28.339
9033.747 10511.160 6.000 7147.589 110.696
1.003 14.823
1/24/2016 1:10:00 PM 523500.000 12.431 17.643 28.334
9032.868 10509.647 5.999 7146.561 110.707
1.003 14.826
1/24/2016 1:15:00 PM 523800.000 12.427 17.642 28.325
9033.919 10511.095 6.000 7147.545 110.694
1.003 14.829
1/24/2016 1:20:00 PM 524100.000 12.428 17.643 28.327

9033.570	10510.464	6.000	7147.116	110.698	1.003	14.828
1/24/2016 1:25:00 PM	524400.000	12.429	17.642	28.330	9032.115	10509.100
5.999	7146.188	110.716	1.003	14.826		
1/24/2016 1:30:00 PM	524700.000	12.432	17.641	28.336	9030.223	10506.958
5.998	7144.732	110.739	1.003	14.825		
1/24/2016 1:35:00 PM	525000.000	12.433	17.642	28.339	9031.381	10508.204
5.998	7145.579	110.725	1.003	14.823		
1/24/2016 1:40:00 PM	525300.000	12.435	17.643	28.344	9031.525	10508.085
5.998	7145.498	110.723	1.003	14.822		
1/24/2016 1:45:00 PM	525600.000	12.435	17.643	28.344	9029.449	10505.711
5.997	7143.884	110.749	1.003	14.820		
1/24/2016 1:50:00 PM	525900.000	12.433	17.643	28.339	9029.406	10505.722
5.997	7143.891	110.749	1.003	14.820		
1/24/2016 1:55:00 PM	526200.000	12.433	17.642	28.340	9027.691	10503.929
5.996	7142.671	110.770	1.003	14.821		
1/24/2016 2:00:00 PM	526500.000	12.431	17.642	28.335	9028.199	10504.563
5.996	7143.103	110.764	1.003	14.821		
1/24/2016 2:05:00 PM	526800.000	12.430	17.642	28.333	9025.406	10501.252
5.994	7140.852	110.798	1.003	14.820		
1/24/2016 2:10:00 PM	527100.000	12.432	17.642	28.337	9026.519	10502.445
5.995	7141.664	110.785	1.003	14.820		
1/24/2016 2:15:00 PM	527400.000	12.431	17.643	28.334	9024.583	10500.090
5.993	7140.062	110.808	1.003	14.820		
1/24/2016 2:20:00 PM	527700.000	12.434	17.643	28.340	9024.191	10499.594
5.993	7139.724	110.813	1.003	14.818		
1/24/2016 2:25:00 PM	528000.000	12.436	17.641	28.345	9024.313	10500.224
5.994	7140.152	110.812	1.003	14.817		
1/24/2016 2:30:00 PM	528300.000	12.436	17.641	28.345	9022.696	10498.281
5.992	7138.832	110.832	1.003	14.815		
1/24/2016 2:35:00 PM	528600.000	12.438	17.643	28.350	9022.507	10497.734
5.992	7138.459	110.834	1.003	14.815		
1/24/2016 2:40:00 PM	528900.000	12.438	17.641	28.351	9020.463	10495.603
5.991	7137.010	110.859	1.003	14.814		
1/24/2016 2:45:00 PM	529200.000	12.438	17.642	28.350	9020.968	10496.105
5.991	7137.352	110.853	1.003	14.814		
1/24/2016 2:50:00 PM	529500.000	12.435	17.642	28.344	9020.243	10495.123
5.990	7136.684	110.862	1.003	14.817		
1/24/2016 2:55:00 PM	529800.000	12.433	17.641	28.339		

9018.971 10494.045 5.990 7135.951 110.877
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1/24/2016 3:00:00 PM 530100.000 12.432 17.641 28.337
9018.099 10493.013 5.989 7135.249 110.888
1.003 14.822
1/24/2016 3:05:00 PM 530400.000 12.434 17.644 28.340
9018.863 10493.231 5.989 7135.398 110.879
1.003 14.822
1/24/2016 3:10:00 PM 530700.000 12.435 17.642 28.342
9017.008 10491.379 5.988 7134.138 110.902
1.003 14.822
1/24/2016 3:15:00 PM 531000.000 12.435 17.643 28.343
9018.483 10493.054 5.989 7135.277 110.883
1.003 14.823
1/24/2016 3:20:00 PM 531300.000 12.436 17.642 28.346
9016.771 10491.143 5.988 7133.978 110.904
1.003 14.823
1/24/2016 3:25:00 PM 531600.000 12.435 17.643 28.342
9015.042 10489.049 5.987 7132.554 110.926
1.003 14.824
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9015.917 10489.865 5.987 7133.108 110.915
1.003 14.824
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9014.964 10489.163 5.987 7132.631 110.927
1.003 14.825
1/24/2016 3:40:00 PM 532500.000 12.434 17.641 28.340
9014.123 10488.286 5.986 7132.035 110.937
1.003 14.825
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9013.394 10487.254 5.986 7131.333 110.946
1.003 14.826
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9012.854 10486.403 5.985 7130.755 110.953
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9012.792 10486.677 5.985 7130.941 110.953
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1.003 14.827
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9010.765 10484.234 5.984 7129.280 110.978
1.003 14.826
1/24/2016 4:10:00 PM 534300.000 12.436 17.643 28.346
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9012.477 10486.208 5.985 7130.622 110.957
1.003 14.826
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9011.306 10484.519 5.984 7129.473 110.972
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1/24/2016 4:30:00 PM 535500.000 12.440 17.641 28.354

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1.003 14.830
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1.003 14.832
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1/24/2016 4:50:00 PM 536700.000 12.435 17.643 28.344
9007.644 10480.258 5.981 7126.576 111.017
1.003 14.833
1/24/2016 4:55:00 PM 537000.000 12.439 17.641 28.353
9005.502 10478.255 5.980 7125.214 111.043
1.003 14.831
1/24/2016 5:00:00 PM 537300.000 12.439 17.643 28.353
9005.188 10477.523 5.980 7124.716 111.047
1.003 14.829
1/24/2016 5:05:00 PM 537600.000 12.437 17.641 28.347
9003.997 10476.484 5.979 7124.010 111.062
1.003 14.827
1/24/2016 5:10:00 PM 537900.000 12.440 17.643 28.355
9002.396 10474.234 5.978 7122.480 111.082
1.003 14.825
1/24/2016 5:15:00 PM 538200.000 12.442 17.643 28.360
9002.205 10473.952 5.977 7122.288 111.084
1.003 14.823
1/24/2016 5:20:00 PM 538500.000 12.443 17.641 28.362
9001.778 10473.923 5.977 7122.268 111.089
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1/24/2016 5:25:00 PM 538800.000 12.441 17.642 28.358
9001.050 10472.892 5.977 7121.567 111.098
1.003 14.822
1/24/2016 5:30:00 PM 539100.000 12.442 17.643 28.360
8999.259 10470.625 5.975 7120.025 111.120
1.003 14.821
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8998.339 10469.432 5.975 7119.213 111.132
1.003 14.825
1/24/2016 5:40:00 PM 539700.000 12.437 17.643 28.347
8997.229 10468.100 5.974 7118.308 111.145
1.003 14.829
1/24/2016 5:45:00 PM 540000.000 12.437 17.643 28.347
8996.294 10467.195 5.973 7117.693 111.157
1.003 14.832
1/24/2016 5:50:00 PM 540300.000 12.438 17.641 28.349
8995.961 10467.194 5.973 7117.693 111.161
1.003 14.834
1/24/2016 5:55:00 PM 540600.000 12.437 17.643 28.348
8995.424 10466.224 5.973 7117.033 111.168
1.003 14.836
1/24/2016 6:00:00 PM 540900.000 12.438 17.641 28.351
8996.722 10467.979 5.974 7118.226 111.152
1.003 14.837
1/24/2016 6:05:00 PM 541200.000 12.439 17.641 28.352

8995.646 10466.905 5.973 7117.496 111.165
1.003 14.839
1/24/2016 6:10:00 PM 541500.000 12.437 17.642 28.347
8995.739 10466.813 5.973 7117.434 111.164
1.003 14.841
1/24/2016 6:15:00 PM 541800.000 12.437 17.643 28.348
8993.949 10464.427 5.972 7115.811 111.186
1.003 14.843
1/24/2016 6:20:00 PM 542100.000 12.438 17.643 28.350
8996.849 10467.780 5.974 7118.091 111.150
1.003 14.842
1/24/2016 6:25:00 PM 542400.000 12.440 17.643 28.355
8995.328 10466.030 5.973 7116.901 111.169
1.003 14.841
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8994.820 10465.887 5.972 7116.804 111.175
1.003 14.840
1/24/2016 6:35:00 PM 543000.000 12.443 17.642 28.360
8992.619 10463.121 5.971 7114.922 111.202
1.003 14.838
1/24/2016 6:40:00 PM 543300.000 12.444 17.642 28.365
8992.174 10462.604 5.970 7114.571 111.208
1.003 14.837
1/24/2016 6:45:00 PM 543600.000 12.445 17.643 28.366
8992.396 10462.620 5.970 7114.582 111.205
1.003 14.835
1/24/2016 6:50:00 PM 543900.000 12.443 17.641 28.362
8991.762 10462.387 5.970 7114.423 111.213
1.003 14.836
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8990.258 10460.374 5.969 7113.055 111.232
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8990.684 10460.932 5.969 7113.434 111.226
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8987.942 10457.864 5.968 7111.348 111.260
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1.003 14.836
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1.003 14.836
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8980.891 10449.457 5.962 7105.631 111.348
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1.003 14.843
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8978.593 10446.540 5.961 7103.648 111.376
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8978.134 10446.472 5.961 7103.601 111.382
1.003 14.846
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8977.310 10445.452 5.960 7102.908 111.392
1.003 14.847
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8975.660 10443.147 5.958 7101.341 111.412
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8971.874 10438.622 5.956 7098.264 111.459
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8970.857 10437.540 5.955 7097.527 111.472
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8964.569 10430.283 5.951 7092.593 111.550
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8964.251 10430.034 5.950 7092.423 111.554
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1.003 14.879
1/27/2016 11:35:00 PM 820200.000 12.469 17.644 28.421
8386.258 9757.229 5.539 6634.916 119.243
1.003 14.877
1/27/2016 11:40:00 PM 820500.000 12.471 17.644 28.425

8392.804	9764.654	5.543	6639.965	119.150	1.003	14.875
1/27/2016 11:45:00 PM	820800.000	12.472	17.644	28.428	8396.178	9768.580
5.546	6642.635	119.102	1.003	14.872		
1/27/2016 11:50:00 PM	821100.000	12.474	17.643	28.432	8400.127	9773.422
5.549	6645.927	119.046	1.003	14.872		
1/27/2016 11:55:00 PM	821400.000	12.474	17.645	28.431	8405.245	9779.113
5.552	6649.797	118.973	1.003	14.871		

Report Date: 2/1/2016 10:39:04 AM
Report User Name: KMakar
Report Computer Name: WKST46
Application: WinSitu.exe
Application Version: 5.6.25.0

Log File Properties:
File Name: MPWSP MW-5D Pre Test_2016-01-28_09-43-11-961-BaroMerge.wsl
Create Date: 2/1/2016 10:37:01 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

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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
2/1/2016 10:37:01 AM User Note: "Pressure & Level adjusted by baro data from: "MPWSP BaroTroll Pre Test_2016-01-28_14-47-48-317.wsl""

Log Data:
Record Count: 951
Sensors: 2
1 - 398697: PCTD 300 PSIA (200.7m/658.7ft)
2 - 0: Baro-Adjustment Calc
Time Zone: Pacific Standard Time

Sensor: PCTD(A) 658.7ft Sensor: PCTD(A) 658.7ft Sensor: PCTD(A) 658.7ft Sensor: PCTD(A) 658.7ft Sensor: PCTD(A) 658.7ft Sensor: PCTD(A) 658.7ft Sensor: PCTD(A) 658.7ft Sensor: PCTD(A) 658.7ft Sensor: PCTD(A) 658.7ft Sensor: Baro-Adj Calc
SN#: 398697 SN#: 398697 SN#: 398697 SN#: 398697 SN#: 398697 SN#: 398697 SN#: 398697 SN#: 398697 SN#: 398697 SN#: 000000

Date and Time	Elapsed Time Seconds	Corrected Pressure (PSI)	Temperature (C)	Corrected Depth (ft)	Actual Conductivity (µS)	Specific Conductivity (µS)	Salinity (PSU)	Total Dissolved Solids (ppt)	Resistivity (ohm-cm)	Water Density (g/cm3)	Barometric Pressure (PSI)
1/21/2016 12:14:45 AM	216900.000	145.682	21.351	332.055	4919.901	5288.459	2.885	3.596	203.256	1.000	14.831
1/21/2016 12:29:45 AM	217800.000	145.646	21.349	331.973	4919.388	5288.184	2.885	3.596	203.277	1.000	14.830
1/21/2016 12:44:45 AM	218700.000	145.654	21.345	331.991	4919.477	5288.708	2.885	3.596	203.274	1.000	14.827
1/21/2016 12:59:45 AM	219600.000	145.645	21.343	331.971	4918.225	5287.505	2.884	3.596	203.325	1.000	14.827
1/21/2016 1:14:45 AM	220500.000	145.653	21.349	331.988	4919.308	5288.041	2.885	3.596	203.281	1.000	14.824
1/21/2016 1:29:45 AM	221400.000	145.654	21.352	331.990	4920.117	5288.606	2.885	3.596	203.247	1.000	14.820
1/21/2016 1:44:45 AM	222300.000	145.658	21.341	332.000	4919.525	5289.121	2.885	3.597	203.272	1.000	14.822
1/21/2016 1:59:45 AM	223200.000	145.623	21.341	331.920	4920.276	5289.977	2.886	3.597	203.241	1.000	14.819
1/21/2016 2:14:45 AM	224100.000	145.656	21.350	331.995	4920.423	5289.154	2.885	3.597	203.235	1.000	14.824
1/21/2016 2:29:45 AM	225000.000	145.660	21.351	332.004	4921.488	5290.165	2.886	3.597	203.191	1.000	14.825
1/21/2016 2:44:45 AM	225900.000	145.648	21.351	331.977	4921.042	5289.667	2.886	3.597	203.209	1.000	14.827
1/21/2016 2:59:45 AM	226800.000	145.660	21.349	332.004	4921.366	5290.272	2.886	3.597	203.196	1.000	14.817
1/21/2016 3:14:45 AM	227700.000	145.669	21.345	332.025	4919.694	5288.893	2.885	3.596	203.265	1.000	14.815
1/21/2016 3:29:45 AM	228600.000	145.624	21.344	331.923	4919.635	5288.945	2.885	3.596	203.267	1.000	14.824
1/21/2016 3:44:45 AM	229500.000	145.660	21.349	332.003	4920.556	5289.430	2.886	3.597	203.229	1.000	14.817
1/21/2016 3:59:45 AM	230400.000	145.628	21.344	331.930	4921.245	5290.713	2.886	3.598	203.201	1.000	14.820
1/21/2016 4:14:45 AM	231300.000	145.667	21.352	332.019	4922.725	5291.438	2.887	3.598	203.140	1.000	14.816
1/21/2016 4:29:45 AM	232200.000	145.644	21.349	331.967							

4922.685 5291.662 2.887 3.598 203.141
1.000 14.814
1/21/2016 4:44:45 AM 233100.000 145.664 21.349 332.014
4922.942 5291.976 2.887 3.599 203.131
1.000 14.815
1/21/2016 4:59:45 AM 234000.000 145.669 21.352 332.025
4923.753 5292.571 2.887 3.599 203.097
1.000 14.812
1/21/2016 5:14:45 AM 234900.000 145.678 21.347 332.046
4922.663 5291.856 2.887 3.598 203.142
1.000 14.807
1/21/2016 5:29:45 AM 235800.000 145.677 21.343 332.043
4922.442 5292.038 2.887 3.599 203.151
1.000 14.809
1/21/2016 5:44:45 AM 236700.000 145.681 21.342 332.053
4922.254 5292.037 2.887 3.599 203.159
1.000 14.808
1/21/2016 5:59:45 AM 237600.000 145.723 21.340 332.149
4924.051 5294.138 2.888 3.600 203.085
1.000 14.803
1/21/2016 6:14:45 AM 238500.000 145.662 21.346 332.009
4923.554 5292.929 2.888 3.599 203.105
1.000 14.797
1/21/2016 6:29:45 AM 239400.000 145.692 21.347 332.077
4925.211 5294.644 2.889 3.600 203.037
1.000 14.802
1/21/2016 6:44:45 AM 240300.000 145.692 21.349 332.078
4925.542 5294.724 2.889 3.600 203.023
1.000 14.804
1/21/2016 6:59:45 AM 241200.000 145.662 21.349 332.009
4925.918 5295.185 2.889 3.601 203.008
1.000 14.801
1/21/2016 7:14:45 AM 242100.000 145.702 21.351 332.099
4926.043 5295.137 2.889 3.601 203.003
1.000 14.803
1/21/2016 7:29:45 AM 243000.000 145.692 21.353 332.076
4927.049 5296.000 2.889 3.601 202.961
1.000 14.809
1/21/2016 7:44:45 AM 243900.000 145.693 21.353 332.078
4927.439 5296.361 2.890 3.602 202.945
1.000 14.812
1/21/2016 7:59:45 AM 244800.000 145.703 21.353 332.103
4927.030 5295.912 2.889 3.601 202.962
1.000 14.812
1/21/2016 8:14:45 AM 245700.000 145.712 21.350 332.123
4926.924 5296.132 2.889 3.601 202.966
1.000 14.802
1/21/2016 8:29:45 AM 246600.000 145.695 21.350 332.084
4926.783 5296.028 2.889 3.601 202.972
1.000 14.812
1/21/2016 8:44:45 AM 247500.000 145.715 21.349 332.130
4927.270 5296.599 2.890 3.602 202.952
1.000 14.808
1/21/2016 8:59:45 AM 248400.000 145.711 21.344 332.121
4926.504 5296.300 2.890 3.601 202.984
1.000 14.808
1/21/2016 9:14:45 AM 249300.000 145.731 21.347 332.166
4927.476 5297.079 2.890 3.602 202.944
1.000 14.807

1/21/2016 9:29:45 AM 250200.000 145.711 21.346 332.121
4927.435 5297.177 2.890 3.602 202.945
1.000 14.815
1/21/2016 9:44:45 AM 251100.000 145.723 21.344 332.148
4927.774 5297.743 2.890 3.602 202.931
1.000 14.809
1/21/2016 9:59:45 AM 252000.000 145.731 21.341 332.165
4927.233 5297.446 2.890 3.602 202.954
1.000 14.806
1/21/2016 10:14:45 AM 252900.000 145.726 21.338 332.154
4928.197 5298.845 2.891 3.603 202.914
1.000 14.809
1/21/2016 10:29:45 AM 253800.000 145.725 21.345 332.153
4930.007 5300.027 2.892 3.604 202.839
1.000 14.811
1/21/2016 10:44:45 AM 254700.000 145.733 21.346 332.171
4929.711 5299.596 2.891 3.604 202.852
1.000 14.802
1/21/2016 10:59:45 AM 255600.000 145.732 21.352 332.169
4930.153 5299.404 2.891 3.604 202.833
1.000 14.810
1/21/2016 11:14:45 AM 256500.000 145.730 21.350 332.164
4930.525 5299.975 2.892 3.604 202.818
1.000 14.814
1/21/2016 11:29:45 AM 257400.000 145.729 21.350 332.162
4929.435 5298.822 2.891 3.603 202.863
1.000 14.810
1/21/2016 11:44:45 AM 258300.000 145.737 21.355 332.178
4931.050 5300.072 2.892 3.604 202.797
1.000 14.795
1/21/2016 11:59:45 AM 259200.000 145.741 21.353 332.188
4929.745 5298.830 2.891 3.603 202.850
1.000 14.793
1/21/2016 12:14:45 PM 260100.000 145.708 21.352 332.114
4929.317 5298.496 2.891 3.603 202.868
1.000 14.789
1/21/2016 12:29:45 PM 261000.000 145.739 21.352 332.184
4930.047 5299.280 2.891 3.604 202.838
1.000 14.790
1/21/2016 12:44:45 PM 261900.000 145.737 21.345 332.179
4928.603 5298.527 2.891 3.603 202.897
1.000 14.793
1/21/2016 12:59:45 PM 262800.000 145.735 21.344 332.174
4929.012 5299.005 2.891 3.603 202.880
1.000 14.791
1/21/2016 1:14:45 PM 263700.000 145.752 21.341 332.215
4928.357 5298.625 2.891 3.603 202.907
1.000 14.788
1/21/2016 1:29:45 PM 264600.000 145.735 21.341 332.174
4926.157 5296.318 2.890 3.601 202.998
1.000 14.787
1/21/2016 1:44:45 PM 265500.000 145.740 21.341 332.187
4927.355 5297.578 2.890 3.602 202.949
1.000 14.777
1/21/2016 1:59:45 PM 266400.000 145.745 21.344 332.198
4926.681 5296.537 2.890 3.602 202.976
1.000 14.778
1/21/2016 2:14:45 PM 267300.000 145.743 21.344 332.193
4926.968 5296.857 2.890 3.602 202.965

1.000 14.778
1/21/2016 2:29:45 PM 268200.000 145.750 21.340 332.210
4926.198 5296.466 2.890 3.602 202.996
1.000 14.768
1/21/2016 2:44:45 PM 269100.000 145.746 21.339 332.199
4926.431 5296.794 2.890 3.602 202.987
1.000 14.763
1/21/2016 2:59:45 PM 270000.000 145.706 21.341 332.110
4924.291 5294.321 2.888 3.600 203.075
1.000 14.765
1/21/2016 3:14:45 PM 270900.000 145.728 21.340 332.159
4922.850 5292.819 2.888 3.599 203.134
1.000 14.770
1/21/2016 3:29:45 PM 271800.000 145.737 21.348 332.180
4923.804 5293.035 2.888 3.599 203.095
1.000 14.760
1/21/2016 3:44:45 PM 272700.000 145.686 21.348 332.064
4923.494 5292.626 2.887 3.599 203.108
1.000 14.765
1/21/2016 3:59:45 PM 273600.000 145.732 21.343 332.169
4923.318 5293.038 2.888 3.599 203.115
1.000 14.757
1/21/2016 4:14:45 PM 274500.000 145.684 21.340 332.059
4922.861 5292.908 2.888 3.599 203.134
1.000 14.761
1/21/2016 4:29:45 PM 275400.000 145.733 21.338 332.171
4922.007 5292.142 2.887 3.599 203.169
1.000 14.752
1/21/2016 4:44:45 PM 276300.000 145.720 21.338 332.140
4922.589 5292.787 2.887 3.599 203.145
1.000 14.751
1/21/2016 4:59:45 PM 277200.000 145.720 21.337 332.141
4922.025 5292.266 2.887 3.599 203.168
1.000 14.748
1/21/2016 5:14:45 PM 278100.000 145.715 21.339 332.128
4921.952 5292.045 2.887 3.599 203.171
1.000 14.750
1/21/2016 5:29:45 PM 279000.000 145.714 21.340 332.128
4922.144 5292.126 2.887 3.599 203.164
1.000 14.746
1/21/2016 5:44:45 PM 279900.000 145.704 21.339 332.104
4921.554 5291.530 2.887 3.598 203.188
1.000 14.751
1/21/2016 5:59:45 PM 280800.000 145.706 21.338 332.108
4921.164 5291.292 2.887 3.598 203.204
1.000 14.748
1/21/2016 6:14:45 PM 281700.000 145.707 21.338 332.112
4922.397 5292.552 2.887 3.599 203.153
1.000 14.752
1/21/2016 6:29:45 PM 282600.000 145.694 21.336 332.082
4921.134 5291.461 2.887 3.598 203.205
1.000 14.753
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1.000	14.722			
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1.000	14.728			
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1.000	14.725			
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1.000	14.726			
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1.000 14.871
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1.000	14.854			
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1.000	14.859			
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1.000	14.849			
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1.000	14.846			
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1.000	14.846			
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4910.847 5277.578 2.879 3.589 203.631
1.000 14.870
1/27/2016 9:29:45 PM 811800.000 145.577 21.360 331.816
4909.796 5276.695 2.878 3.588 203.674
1.000 14.873
1/27/2016 9:44:45 PM 812700.000 145.578 21.361 331.817
4910.396 5277.199 2.878 3.588 203.650
1.000 14.869
1/27/2016 9:59:45 PM 813600.000 145.571 21.363 331.801
4910.877 5277.478 2.879 3.589 203.630
1.000 14.875
1/27/2016 10:14:45 PM 814500.000 145.561 21.364 331.778
4911.128 5277.643 2.879 3.589 203.619
1.000 14.876
1/27/2016 10:29:45 PM 815400.000 145.564 21.365 331.786
4910.410 5276.757 2.878 3.588 203.649
1.000 14.871
1/27/2016 10:44:45 PM 816300.000 145.550 21.359 331.753

4910.513	5277.475	2.879	3.589	203.645	1.000	14.875
1/27/2016 10:59:45 PM	817200.000	145.562	21.354	331.780	4905.213	5272.368
2.876	3.585	203.865	1.000	14.877		
1/27/2016 11:14:45 PM	818100.000	145.562	21.351	331.781	4902.822	5270.110
2.874	3.584	203.964	1.000	14.875		
1/27/2016 11:29:45 PM	819000.000	145.558	21.347	331.772	4897.828	5265.244
2.871	3.580	204.172	1.000	14.879		
1/27/2016 11:44:45 PM	819900.000	145.554	21.345	331.763	4892.129	5259.327
2.868	3.576	204.410	1.000	14.872		
1/27/2016 11:59:45 PM	820800.000	145.547	21.344	331.747	4889.127	5256.194
2.866	3.574	204.535	1.000	14.871		

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
1/21/2016	0:00:00	0	91.164	17.1	1180
1/21/2016	0:15:00	0	91.171	17.1	1178.8
1/21/2016	0:30:00	0	91.139	17.1	1178.8
1/21/2016	0:45:00	0	91.162	17.1	1180
1/21/2016	1:00:00	0	91.11	17.1	1181.2
1/21/2016	1:15:00	0	91.157	17.1	1180
1/21/2016	1:30:00	0	91.163	17.1	1178.8
1/21/2016	1:45:00	0	91.108	17.1	1180
1/21/2016	2:00:00	0	91.167	17.1	1178.8
1/21/2016	2:15:00	0	91.179	17.1	1178.8
1/21/2016	2:30:00	0	91.156	17.1	1180
1/21/2016	2:45:00	0	91.16	17.1	1178.8
1/21/2016	3:00:00	0	91.17	17.1	1181.2
1/21/2016	3:15:00	0	91.171	17.1	1181.2
1/21/2016	3:30:00	0	91.172	17.1	1178.8
1/21/2016	3:45:00	0	91.152	17.1	1178.8
1/21/2016	4:00:00	0	91.188	17.1	1180
1/21/2016	4:15:00	0	91.215	17.1	1180
1/21/2016	4:30:00	0	91.181	17.1	1178.8
1/21/2016	4:45:00	0	91.185	17.1	1180
1/21/2016	5:00:00	0	91.214	17.1	1178.8
1/21/2016	5:15:00	0	91.16	17.1	1177.7
1/21/2016	5:30:00	0	91.158	17.1	1177.7
1/21/2016	5:45:00	0	91.181	17.1	1180
1/21/2016	6:00:00	0	91.19	17.1	1182.3
1/21/2016	6:15:00	0	91.187	17.1	1178.8
1/21/2016	6:30:00	0	91.188	17.1	1177.7
1/21/2016	6:45:00	0	91.206	17.1	1178.8
1/21/2016	7:00:00	0	91.18	17.1	1180
1/21/2016	7:15:00	0	91.218	17.1	1180
1/21/2016	7:30:00	0	91.195	17.1	1178.8

1/21/2016	7:45:00	0	91.212	17.1	1178.8
1/21/2016	8:00:00	0	91.207	17.1	1182.3
1/21/2016	8:15:00	0	91.176	17.1	1180
1/21/2016	8:30:00	0	91.232	17.1	1180
1/21/2016	8:45:00	0	91.211	17.1	1180
1/21/2016	9:00:00	0	91.226	17.1	1181.2
1/21/2016	9:15:00	0	91.201	17.1	1181.2
1/21/2016	9:30:00	0	91.219	17.1	1182.3
1/21/2016	9:45:00	0	91.217	17.1	1181.2
1/21/2016	10:00:00	0	91.099	17.1	1184.6
1/21/2016	10:15:00	0	91.159	17.1	1181.2
1/21/2016	10:30:00	0	91.238	17.1	1181.2
1/21/2016	10:45:00	0	91.22	17.1	1182.3
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1/21/2016	11:15:00	0	91.214	17.1	1181.2
1/21/2016	11:30:00	0	91.209	17.1	1182.3
1/21/2016	11:45:00	0	91.227	17.1	1182.3
1/21/2016	12:00:00	0	91.198	17.1	1178.8
1/21/2016	12:15:00	0	91.194	17.1	1180
1/21/2016	12:30:00	0	91.179	17.1	1181.2
1/21/2016	12:45:00	0	91.225	17.1	1178.8
1/21/2016	13:00:00	0	91.209	17.1	1181.2
1/21/2016	13:15:00	0	91.173	17.1	1181.2
1/21/2016	13:30:00	0	91.263	17.1	1181.2
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1/21/2016	14:00:00	0	91.238	17.1	1182.3
1/21/2016	14:15:00	0	91.253	17.1	1178.8
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1/21/2016	15:00:00	0	91.261	17.1	1181.2
1/21/2016	15:15:00	0	91.204	17.1	1181.2
1/21/2016	15:30:00	0	91.244	17.1	1181.2
1/21/2016	15:45:00	0	91.249	17.1	1180
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1/21/2016	16:30:00	0	91.23	17.1	1182.3
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1/21/2016	17:00:00	0	91.266	17.1	1183.5
1/21/2016	17:15:00	0	91.211	17.1	1181.2
1/21/2016	17:30:00	0	91.257	17.1	1181.2
1/21/2016	17:45:00	0	91.21	17.1	1181.2
1/21/2016	18:00:00	0	91.244	17.1	1182.3
1/21/2016	18:15:00	0	91.225	17.1	1182.3
1/21/2016	18:30:00	0	91.236	17.1	1176.5
1/21/2016	18:45:00	0	91.258	17.1	1178.8
1/21/2016	19:00:00	0	91.249	17.1	1182.3
1/21/2016	19:15:00	0	91.207	17.1	1181.2

1/21/2016	19:30:00	0	91.234	17.1	1180
1/21/2016	19:45:00	0	91.217	17.1	1181.2
1/21/2016	20:00:00	0	91.243	17.1	1181.2
1/21/2016	20:15:00	0	91.226	17.1	1180
1/21/2016	20:30:00	0	91.226	17.1	1182.3
1/21/2016	20:45:00	0	91.192	17.1	1181.2
1/21/2016	21:00:00	0	91.164	17.1	1180
1/21/2016	21:15:00	0	91.228	17.1	1181.2
1/21/2016	21:30:00	0	91.229	17.1	1181.2
1/21/2016	21:45:00	0	91.234	17.1	1181.2
1/21/2016	22:00:00	0	91.197	17.1	1180
1/21/2016	22:15:00	0	91.196	17.1	1181.2
1/21/2016	22:30:00	0	91.219	17.1	1181.2
1/21/2016	22:45:00	0	91.169	17.1	1181.2
1/21/2016	23:00:00	0	91.217	17.1	1180
1/21/2016	23:15:00	0	91.223	17.1	1182.3
1/21/2016	23:30:00	0	91.254	17.1	1182.3
1/21/2016	23:45:00	0	91.198	17.1	1181.2
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1/22/2016	0:15:00	0	91.239	17.1	1182.3
1/22/2016	0:30:00	0	91.209	17.1	1182.3
1/22/2016	0:45:00	0	91.222	17.1	1181.2
1/22/2016	1:00:00	0	91.234	17.1	1181.2
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1/22/2016	1:30:00	0	91.176	17.1	1182.3
1/22/2016	1:45:00	0	91.189	17.1	1181.2
1/22/2016	2:00:00	0	91.197	17.1	1180
1/22/2016	2:15:00	0	91.243	17.1	1178.8
1/22/2016	2:30:00	0	91.243	17.1	1181.2
1/22/2016	2:45:00	0	91.229	17.1	1181.2
1/22/2016	3:00:00	0	91.247	17.1	1181.2
1/22/2016	3:15:00	0	91.231	17.1	1183.5
1/22/2016	3:30:00	0	91.26	17.1	1177.7
1/22/2016	3:45:00	0	91.239	17.1	1178.8
1/22/2016	4:00:00	0	91.257	17.1	1184.6
1/22/2016	4:15:00	0	91.276	17.1	1181.2
1/22/2016	4:30:00	0	91.259	17.1	1182.3
1/22/2016	4:45:00	0	91.242	17.1	1183.5
1/22/2016	5:00:00	0	91.263	17.1	1180
1/22/2016	5:15:00	0	91.26	17.1	1183.5
1/22/2016	5:30:00	0	91.293	17.1	1183.5
1/22/2016	5:45:00	0	91.25	17.1	1180
1/22/2016	6:00:00	0	91.253	17.1	1181.2
1/22/2016	6:15:00	0	91.246	17.1	1181.2
1/22/2016	6:30:00	0	91.286	17.1	1181.2
1/22/2016	6:45:00	0	91.208	17.1	1181.2
1/22/2016	7:00:00	0	91.247	17.1	1180

1/22/2016	7:15:00	0	91.246	17.1	1182.3
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1/22/2016	8:15:00	0	91.287	17.1	1180
1/22/2016	8:30:00	0	91.291	17.1	1181.2
1/22/2016	8:45:00	0	91.293	17.1	1181.2
1/22/2016	9:00:00	0	91.269	17.1	1181.2
1/22/2016	9:15:00	0	91.307	17.1	1182.3
1/22/2016	9:30:00	0	91.29	17.1	1182.3
1/22/2016	9:45:00	0	91.287	17.1	1181.2
1/22/2016	10:00:00	0	91.263	17.1	1183.5
1/22/2016	10:15:00	0	91.263	17.1	1182.3
1/22/2016	10:30:00	0	91.281	17.1	1182.3
1/22/2016	10:45:00	0	91.269	17.1	1178.8
1/22/2016	11:00:00	0	91.291	17.1	1181.2
1/22/2016	11:15:00	0	91.294	17.1	1182.3
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1/22/2016	11:45:00	0	91.271	17.1	1180
1/22/2016	12:00:00	0	91.31	17.1	1182.3
1/22/2016	12:15:00	0	91.272	17.1	1183.5
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1/22/2016	14:00:00	0	91.312	17.1	1181.2
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1/22/2016	18:15:00	0	91.356	17.1	1181.2
1/22/2016	18:30:00	0	91.353	17.1	1182.3
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1/22/2016	19:00:00	0	91.326	17.1	1181.2
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1/22/2016	19:45:00	0	91.313	17.1	1180
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1/22/2016	20:30:00	0	91.332	17.1	1183.5
1/22/2016	20:45:00	0	91.35	17.1	1182.3
1/22/2016	21:00:00	0	91.329	17.1	1180
1/22/2016	21:15:00	0	91.351	17.1	1178.8
1/22/2016	21:30:00	0	91.35	17.1	1181.2
1/22/2016	21:45:00	0	91.352	17.1	1181.2
1/22/2016	22:00:00	0	91.327	17.1	1182.3
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1/22/2016	23:00:00	0	91.346	17.1	1181.2
1/22/2016	23:15:00	0	91.334	17.1	1181.2
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1/23/2016	0:00:00	0	91.36	17.1	1181.2
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1/23/2016	2:00:00	0	91.33	17.1	1181.2
1/23/2016	2:15:00	0	91.344	17.1	1181.2
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1/23/2016	6:00:00	0	91.383	17.1	1181.2
1/23/2016	6:15:00	0	91.398	17.1	1182.3
1/23/2016	6:30:00	0	91.412	17.1	1181.2

1/23/2016	6:45:00	0	91.366	17.1	1182.3
1/23/2016	7:00:00	0	91.358	17.1	1182.3
1/23/2016	7:15:00	0	91.351	17.1	1184.6
1/23/2016	7:30:00	0	91.403	17.1	1181.2
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1/23/2016	8:00:00	0	91.417	17.1	1181.2
1/23/2016	8:15:00	0	91.431	17.1	1181.2
1/23/2016	8:30:00	0	91.403	17.1	1180
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1/23/2016	9:00:00	0	91.432	17.1	1181.2
1/23/2016	9:15:00	0	91.426	17.1	1183.5
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1/23/2016	14:30:00	0	91.376	17.1	1183.5
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1/23/2016	15:00:00	0	91.444	17.1	1181.2
1/23/2016	15:15:00	0	91.444	17.1	1181.2
1/23/2016	15:30:00	0	91.423	17.1	1182.3
1/23/2016	15:45:00	0	91.418	17.1	1181.2
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1/23/2016	16:45:00	0	91.427	17.1	1180
1/23/2016	17:00:00	0	91.404	17.1	1182.3
1/23/2016	17:15:00	0	91.44	17.1	1181.2
1/23/2016	17:30:00	0	91.422	17.1	1181.2
1/23/2016	17:45:00	0	91.437	17.1	1184.6
1/23/2016	18:00:00	0	91.454	17.1	1182.3
1/23/2016	18:15:00	0	91.413	17.1	1183.5

1/23/2016	18:30:00	0	91.394	17.1	1182.3
1/23/2016	18:45:00	0	91.43	17.1	1181.2
1/23/2016	19:00:00	0	91.429	17.1	1182.3
1/23/2016	19:15:00	0	91.405	17.1	1184.6
1/23/2016	19:30:00	0	91.421	17.1	1180
1/23/2016	19:45:00	0	91.401	17.1	1182.3
1/23/2016	20:00:00	0	91.424	17.1	1182.3
1/23/2016	20:15:00	0	91.42	17.1	1181.2
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1/24/2016	1:00:00	0	91.427	17.1	1182.3
1/24/2016	1:15:00	0	91.407	17.1	1182.3
1/24/2016	1:30:00	0	91.447	17.1	1182.3
1/24/2016	1:45:00	0	91.386	17.1	1182.3
1/24/2016	2:00:00	0	91.42	17.1	1182.3
1/24/2016	2:15:00	0	91.413	17.1	1181.2
1/24/2016	2:30:00	0	91.393	17.1	1181.2
1/24/2016	2:45:00	0	91.432	17.1	1181.2
1/24/2016	3:00:00	0	91.448	17.1	1180
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1/24/2016	5:15:00	0	91.434	17.1	1180
1/24/2016	5:30:00	0	91.45	17.1	1181.2
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1/24/2016	6:00:00	0	91.437	17.1	1180

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1/24/2016	6:45:00	0	91.471	17.1	1181.2
1/24/2016	7:00:00	0	91.452	17.1	1181.2
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1/24/2016	7:30:00	0	91.423	17.1	1183.5
1/24/2016	7:45:00	0	91.42	17.1	1181.2
1/24/2016	8:00:00	0	91.471	17.1	1181.2
1/24/2016	8:15:00	0	91.415	17.1	1184.6
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1/24/2016	9:00:00	0	91.434	17.1	1181.2
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1/24/2016	9:45:00	0	91.422	17.1	1182.3
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1/24/2016	11:00:00	0	91.472	17.1	1181.2
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1/24/2016	11:30:00	0	91.431	17.1	1180
1/24/2016	11:45:00	0	91.443	17.1	1182.3
1/24/2016	12:00:00	0	91.477	17.1	1181.2
1/24/2016	12:15:00	0	91.442	17.1	1182.3
1/24/2016	12:30:00	0	91.433	17.1	1180
1/24/2016	12:45:00	0	91.455	17.1	1182.3
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1/24/2016	14:15:00	0	91.497	17.1	1182.3
1/24/2016	14:30:00	0	91.439	17.1	1181.2
1/24/2016	14:45:00	0	91.455	17.1	1181.2
1/24/2016	15:00:00	0	91.49	17.1	1181.2
1/24/2016	15:15:00	0	91.445	17.1	1182.3
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1/24/2016	16:00:00	0	91.442	17.1	1182.3
1/24/2016	16:15:00	0	91.442	17.1	1183.5
1/24/2016	16:30:00	0	91.452	17.1	1184.6
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1/24/2016	17:30:00	0	91.468	17.1	1181.2
1/24/2016	17:45:00	0	91.454	17.1	1182.3

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1/24/2016	18:15:00	0	91.474	17.1	1182.3
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1/24/2016	22:15:00	0	91.402	17.1	1180
1/24/2016	22:30:00	0	91.415	17.1	1182.3
1/24/2016	22:45:00	0	91.39	17.1	1181.2
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1/24/2016	23:45:00	0	91.453	17.1	1178.8
1/25/2016	0:00:00	0	91.45	17.1	1180
1/25/2016	0:15:00	0	91.411	17.1	1183.5
1/25/2016	0:30:00	0	91.372	17.1	1178.8
1/25/2016	0:45:00	0	91.417	17.1	1181.2
1/25/2016	1:00:00	0	91.399	17.1	1181.2
1/25/2016	1:15:00	0	91.44	17.1	1181.2
1/25/2016	1:30:00	0	91.421	17.1	1180
1/25/2016	1:45:00	0	91.404	17.1	1181.2
1/25/2016	2:00:00	0	91.425	17.1	1181.2
1/25/2016	2:15:00	0	91.443	17.1	1181.2
1/25/2016	2:30:00	0	91.412	17.1	1181.2
1/25/2016	2:45:00	0	91.469	17.1	1182.3
1/25/2016	3:00:00	0	91.393	17.1	1182.3
1/25/2016	3:15:00	0	91.46	17.1	1182.3
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1/25/2016	5:00:00	0	91.483	17.1	1182.3
1/25/2016	5:15:00	0	91.45	17.1	1180
1/25/2016	5:30:00	0	91.485	17.1	1182.3

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1/25/2016	6:30:00	0	91.446	17.1	1181.2
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1/25/2016	7:15:00	0	91.448	17.1	1181.2
1/25/2016	7:30:00	0	91.439	17.1	1181.2
1/25/2016	7:45:00	0	91.473	17.1	1182.3
1/25/2016	8:00:00	0	91.427	17.1	1182.3
1/25/2016	8:15:00	0	91.498	17.1	1182.3
1/25/2016	8:30:00	0	91.432	17.1	1182.3
1/25/2016	8:45:00	0	91.464	17.1	1183.5
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1/25/2016	9:15:00	0	91.418	17.1	1181.2
1/25/2016	9:30:00	0	91.437	17.1	1184.6
1/25/2016	9:45:00	0	91.418	17.1	1181.2
1/25/2016	10:00:00	0	91.438	17.1	1184.6
1/25/2016	10:15:00	0	91.401	17.1	1180
1/25/2016	10:30:00	0	91.461	17.1	1182.3
1/25/2016	10:45:00	0	91.438	17.1	1178.8
1/25/2016	11:00:00	0	91.454	17.1	1180
1/25/2016	11:15:00	0	91.438	17.1	1184.6
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1/25/2016	12:00:00	0	91.437	17.1	1181.2
1/25/2016	12:15:00	0	91.442	17.1	1183.5
1/25/2016	12:30:00	0	91.413	17.1	1182.3
1/25/2016	12:45:00	0	91.42	17.1	1181.2
1/25/2016	13:00:00	0	91.485	17.1	1181.2
1/25/2016	13:15:00	0	91.471	17.1	1183.5
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1/25/2016	14:00:00	0	91.433	17.1	1180
1/25/2016	14:15:00	0	91.419	17.1	1181.2
1/25/2016	14:30:00	0	91.478	17.1	1183.5
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1/25/2016	15:00:00	0	91.451	17.1	1182.3
1/25/2016	15:15:00	0	91.469	17.1	1182.3
1/25/2016	15:30:00	0	91.446	17.1	1183.5
1/25/2016	15:45:00	0	91.482	17.1	1180
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1/25/2016	16:15:00	0	91.419	17.1	1181.2
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1/25/2016	16:45:00	0	91.432	17.1	1183.5
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1/25/2016	17:15:00	0	91.466	17.1	1181.2

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1/25/2016	17:45:00	0	91.445	17.1	1184.6
1/25/2016	18:00:00	0	91.443	17.1	1183.5
1/25/2016	18:15:00	0	91.438	17.1	1178.8
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1/25/2016	19:45:00	0	91.432	17.1	1181.2
1/25/2016	20:00:00	0	91.39	17.1	1178.8
1/25/2016	20:15:00	0	91.407	17.1	1181.2
1/25/2016	20:30:00	0	91.41	17.1	1183.5
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1/25/2016	22:00:00	0	91.4	17.1	1182.3
1/25/2016	22:15:00	0	91.38	17.1	1180
1/25/2016	22:30:00	0	91.414	17.1	1180
1/25/2016	22:45:00	0	91.396	17.1	1181.2
1/25/2016	23:00:00	0	91.395	17.1	1182.3
1/25/2016	23:15:00	0	91.397	17.1	1181.2
1/25/2016	23:30:00	0	91.379	17.1	1182.3
1/25/2016	23:45:00	0	91.415	17.1	1181.2
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1/26/2016	0:15:00	0	91.38	17.1	1180
1/26/2016	0:30:00	0	91.364	17.1	1182.3
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1/26/2016	3:15:00	0	91.43	17.1	1182.3
1/26/2016	3:30:00	0	91.43	17.1	1183.5
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1/26/2016	4:00:00	0	91.416	17.1	1181.2
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1/26/2016	4:30:00	0	91.355	17.1	1182.3
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1/26/2016	5:00:00	0	91.391	17.1	1181.2

1/26/2016	5:15:00	0	91.407	17.1	1183.5
1/26/2016	5:30:00	0	91.389	17.1	1181.2
1/26/2016	5:45:00	0	91.392	17.1	1180
1/26/2016	6:00:00	0	91.453	17.1	1181.2
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1/26/2016	7:30:00	0	91.427	17.1	1180
1/26/2016	7:45:00	0	91.434	17.1	1182.3
1/26/2016	8:00:00	0	91.406	17.1	1181.2
1/26/2016	8:15:00	0	91.418	17.1	1181.2
1/26/2016	8:30:00	0	91.396	17.1	1182.3
1/26/2016	8:45:00	0	91.382	17.1	1181.2
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1/26/2016	10:00:00	0	91.422	17.1	1182.3
1/26/2016	10:15:00	0	91.399	17.1	1181.2
1/26/2016	10:30:00	0	91.378	17.1	1183.5
1/26/2016	10:45:00	0	91.398	17.1	1181.2
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1/26/2016	12:00:00	0	91.383	17.1	1178.8
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1/26/2016	12:30:00	0	91.403	17.1	1181.2
1/26/2016	12:45:00	0	91.377	17.1	1181.2
1/26/2016	13:00:00	0	91.364	17.1	1178.8
1/26/2016	13:15:00	0	91.409	17.1	1184.6
1/26/2016	13:30:00	0	91.472	17.1	1180
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1/26/2016	14:00:00	0	91.421	17.1	1181.2
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1/26/2016	14:30:00	0	91.443	17.1	1183.5
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1/26/2016	15:00:00	0	91.441	17.1	1181.2
1/26/2016	15:15:00	0	91.403	17.1	1181.2
1/26/2016	15:30:00	0	91.407	17.1	1180
1/26/2016	15:45:00	0	91.453	17.1	1178.8
1/26/2016	16:00:00	0	91.454	17.1	1181.2
1/26/2016	16:15:00	0	91.435	17.1	1182.3
1/26/2016	16:30:00	0	91.417	17.1	1181.2
1/26/2016	16:45:00	0	91.461	17.1	1182.3

1/26/2016	17:00:00	0	91.463	17.1	1182.3
1/26/2016	17:15:00	0	91.417	17.1	1181.2
1/26/2016	17:30:00	0	91.417	17.1	1182.3
1/26/2016	17:45:00	0	91.412	17.1	1178.8
1/26/2016	18:00:00	0	91.438	17.1	1181.2
1/26/2016	18:15:00	0	91.395	17.1	1182.3
1/26/2016	18:30:00	0	91.434	17.1	1181.2
1/26/2016	18:45:00	0	91.426	17.1	1182.3
1/26/2016	19:00:00	0	91.424	17.1	1182.3
1/26/2016	19:15:00	0	91.397	17.1	1184.6
1/26/2016	19:30:00	0	91.417	17.1	1182.3
1/26/2016	19:45:00	0	91.437	17.1	1182.3
1/26/2016	20:00:00	0	91.413	17.1	1183.5
1/26/2016	20:15:00	0	91.411	17.1	1182.3
1/26/2016	20:30:00	0	91.435	17.1	1181.2
1/26/2016	20:45:00	0	91.426	17.1	1182.3
1/26/2016	21:00:00	0	91.424	17.1	1180
1/26/2016	21:15:00	0	91.402	17.1	1182.3
1/26/2016	21:30:00	0	91.398	17.1	1184.6
1/26/2016	21:45:00	0	91.435	17.1	1180
1/26/2016	22:00:00	0	91.396	17.1	1178.8
1/26/2016	22:15:00	0	91.407	17.1	1181.2
1/26/2016	22:30:00	0	91.441	17.1	1182.3
1/26/2016	22:45:00	0	91.378	17.1	1181.2
1/26/2016	23:00:00	0	91.403	17.1	1182.3
1/26/2016	23:15:00	0	91.416	17.1	1184.6
1/26/2016	23:30:00	0	91.402	17.1	1181.2
1/26/2016	23:45:00	0	91.358	17.1	1182.3
1/27/2016	0:00:00	0	91.398	17.1	1182.3
1/27/2016	0:15:00	0	91.421	17.1	1182.3
1/27/2016	0:30:00	0	91.382	17.1	1181.2
1/27/2016	0:45:00	0	91.4	17.1	1182.3
1/27/2016	1:00:00	0	91.362	17.1	1181.2
1/27/2016	1:15:00	0	91.385	17.1	1183.5
1/27/2016	1:30:00	0	91.408	17.1	1181.2
1/27/2016	1:45:00	0	91.355	17.1	1182.3
1/27/2016	2:00:00	0	91.413	17.1	1181.2
1/27/2016	2:15:00	0	91.415	17.1	1182.3
1/27/2016	2:30:00	0	91.417	17.1	1183.5
1/27/2016	2:45:00	0	91.435	17.1	1181.2
1/27/2016	3:00:00	0	91.378	17.1	1178.8
1/27/2016	3:15:00	0	91.424	17.1	1182.3
1/27/2016	3:30:00	0	91.401	17.1	1183.5
1/27/2016	3:45:00	0	91.388	17.1	1182.3
1/27/2016	4:00:00	0	91.409	17.1	1183.5
1/27/2016	4:15:00	0	91.382	17.1	1180
1/27/2016	4:30:00	0	91.413	17.1	1181.2

1/27/2016	4:45:00	0	91.385	17.1	1181.2
1/27/2016	5:00:00	0	91.412	17.1	1181.2
1/27/2016	5:15:00	0	91.422	17.1	1183.5
1/27/2016	5:30:00	0	91.448	17.1	1182.3
1/27/2016	5:45:00	0	91.443	17.1	1182.3
1/27/2016	6:00:00	0	91.46	17.1	1178.8
1/27/2016	6:15:00	0	91.419	17.1	1182.3
1/27/2016	6:30:00	0	91.437	17.1	1181.2
1/27/2016	6:45:00	0	91.382	17.1	1183.5
1/27/2016	7:00:00	0	91.437	17.1	1184.6
1/27/2016	7:15:00	0	91.415	17.1	1182.3
1/27/2016	7:30:00	0	91.409	17.1	1181.2
1/27/2016	7:45:00	0	91.406	17.1	1182.3
1/27/2016	8:00:00	0	91.427	17.1	1180
1/27/2016	8:15:00	0	91.383	17.1	1183.5
1/27/2016	8:30:00	0	91.438	17.1	1183.5
1/27/2016	8:45:00	0	91.393	17.1	1181.2
1/27/2016	9:00:00	0	91.45	17.1	1182.3
1/27/2016	9:15:00	0	91.405	17.1	1180
1/27/2016	9:30:00	0	91.461	17.1	1182.3
1/27/2016	9:45:00	0	91.434	17.1	1178.8
1/27/2016	10:00:00	0	91.393	17.1	1181.2
1/27/2016	10:15:00	0	91.374	17.1	1184.6
1/27/2016	10:30:00	0	91.412	17.1	1180
1/27/2016	10:45:00	0	91.435	17.1	1182.3
1/27/2016	11:00:00	0	91.358	17.1	1184.6
1/27/2016	11:15:00	0	91.403	17.1	1180
1/27/2016	11:30:00	0	91.395	17.1	1180
1/27/2016	11:45:00	0	91.414	17.1	1182.3
1/27/2016	12:00:00	0	91.44	17.1	1181.2
1/27/2016	12:15:00	0	91.412	17.1	1183.5
1/27/2016	12:30:00	0	91.461	17.1	1182.3
1/27/2016	12:45:00	0	91.407	17.1	1180
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1/27/2016	13:15:00	0	91.454	17.1	1183.5
1/27/2016	13:30:00	0	91.393	17.1	1182.3
1/27/2016	13:45:00	0	91.426	17.1	1180
1/27/2016	14:00:00	0	91.447	17.1	1183.5
1/27/2016	14:15:00	0	91.487	17.1	1182.3
1/27/2016	14:30:00	0	91.429	17.1	1182.3
1/27/2016	14:45:00	0	91.412	17.1	1180
1/27/2016	15:00:00	0	91.374	17.1	1181.2
1/27/2016	15:15:00	0	91.416	17.1	1180
1/27/2016	15:30:00	0	91.421	17.1	1183.5
1/27/2016	15:45:00	0	91.405	17.1	1182.3
1/27/2016	16:00:00	0	91.384	17.1	1181.2
1/27/2016	16:15:00	0	91.403	17.1	1183.5

1/27/2016	16:30:00	0	91.422	17.1	1180
1/27/2016	16:45:00	0	91.378	17.1	1182.3
1/27/2016	17:00:00	0	91.435	17.1	1182.3
1/27/2016	17:15:00	0	91.431	17.1	1181.2
1/27/2016	17:30:00	0	91.414	17.1	1183.5
1/27/2016	17:45:00	0	91.415	17.1	1178.8
1/27/2016	18:00:00	0	91.391	17.1	1180
1/27/2016	18:15:00	0	91.403	17.1	1178.8
1/27/2016	18:30:00	0	91.422	17.1	1182.3
1/27/2016	18:45:00	0	91.436	17.1	1181.2
1/27/2016	19:00:00	0	91.437	17.1	1181.2
1/27/2016	19:15:00	0	91.413	17.1	1182.3
1/27/2016	19:30:00	0	91.414	17.1	1181.2
1/27/2016	19:45:00	0	91.412	17.1	1181.2
1/27/2016	20:00:00	0	91.409	17.1	1182.3
1/27/2016	20:15:00	0	91.372	17.1	1183.5
1/27/2016	20:30:00	0	91.389	17.1	1182.3
1/27/2016	20:45:00	0	91.388	17.1	1182.3
1/27/2016	21:00:00	0	91.392	17.1	1180
1/27/2016	21:15:00	0	91.404	17.1	1181.2
1/27/2016	21:30:00	0	91.383	17.1	1182.3
1/27/2016	21:45:00	0	91.382	17.1	1181.2
1/27/2016	22:00:00	0	91.416	17.1	1182.3
1/27/2016	22:15:00	0	91.375	17.1	1182.3
1/27/2016	22:30:00	0	91.392	17.1	1184.6
1/27/2016	22:45:00	0	91.393	17.1	1183.5
1/27/2016	23:00:00	0	91.395	17.1	1182.3
1/27/2016	23:15:00	0	91.396	17.1	1182.3
1/27/2016	23:30:00	0	91.42	17.1	1182.3
1/27/2016	23:45:00	0	91.345	17.1	1181.2

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
1/21/2016	0:00:00	0	25.987	16.5	1952.7
1/21/2016	0:15:00	0	25.994	16.5	1953.9
1/21/2016	0:30:00	0	26.001	16.5	1952.7
1/21/2016	0:45:00	0	25.985	16.5	1952.7
1/21/2016	1:00:00	0	26.032	16.5	1952.7
1/21/2016	1:15:00	0	26.039	16.5	1953.9
1/21/2016	1:30:00	0	26.045	16.5	1952.7
1/21/2016	1:45:00	0	26.009	16.5	1953.9
1/21/2016	2:00:00	0	26.009	16.5	1953.9
1/21/2016	2:15:00	0	26.022	16.5	1953.9
1/21/2016	2:30:00	0	26.018	16.5	1952.7
1/21/2016	2:45:00	0	25.983	16.5	1953.9
1/21/2016	3:00:00	0	26.032	16.5	1952.7
1/21/2016	3:15:00	0	26.013	16.5	1953.9
1/21/2016	3:30:00	0	26.034	16.5	1952.7
1/21/2016	3:45:00	0	25.995	16.5	1953.9
1/21/2016	4:00:00	0	25.992	16.5	1956.2
1/21/2016	4:15:00	0	25.94	16.5	1956.2
1/21/2016	4:30:00	0	25.984	16.5	1953.9
1/21/2016	4:45:00	0	26.047	16.5	1953.9
1/21/2016	5:00:00	0	26.037	16.5	1953.9
1/21/2016	5:15:00	0	26.062	16.5	1952.7
1/21/2016	5:30:00	0	26.06	16.5	1951.6
1/21/2016	5:45:00	0	26.024	16.5	1953.9
1/21/2016	6:00:00	0	25.993	16.5	1952.7
1/21/2016	6:15:00	0	26.03	16.5	1952.7
1/21/2016	6:30:00	0	25.991	16.5	1951.6
1/21/2016	6:45:00	0	26.029	16.5	1952.7
1/21/2016	7:00:00	0	26.042	16.5	1951.6
1/21/2016	7:15:00	0	26.022	16.5	1952.7
1/21/2016	7:30:00	0	25.998	16.5	1951.6

1/21/2016	7:45:00	0	26.016	16.5	1951.6
1/21/2016	8:00:00	0	26.011	16.5	1952.7
1/21/2016	8:15:00	0	25.979	16.5	1951.6
1/21/2016	8:30:00	0	26.035	16.5	1952.7
1/21/2016	8:45:00	0	26.015	16.5	1951.6
1/21/2016	9:00:00	0	26.029	16.5	1952.7
1/21/2016	9:15:00	0	26.005	16.5	1953.9
1/21/2016	9:30:00	0	26.042	16.5	1953.9
1/21/2016	9:45:00	0	25.961	16.5	1953.9
1/21/2016	10:00:00	0	26.001	16.5	1953.9
1/21/2016	10:15:00	0	26.002	16.5	1953.9
1/21/2016	10:30:00	0	25.982	16.5	1953.9
1/21/2016	10:45:00	0	26.004	16.5	1952.7
1/21/2016	11:00:00	0	25.956	16.5	1952.7
1/21/2016	11:15:00	0	25.978	16.5	1952.7
1/21/2016	11:30:00	0	25.973	16.5	1952.7
1/21/2016	11:45:00	0	26.011	16.5	1952.7
1/21/2016	12:00:00	0	26.041	16.5	1953.9
1/21/2016	12:15:00	0	26.017	16.5	1952.7
1/21/2016	12:30:00	0	26.042	16.5	1953.9
1/21/2016	12:45:00	0	26.048	16.5	1952.7
1/21/2016	13:00:00	0	26.033	16.5	1952.7
1/21/2016	13:15:00	0	26.015	16.5	1953.9
1/21/2016	13:30:00	0	26.027	16.5	1953.9
1/21/2016	13:45:00	0	26.042	16.5	1953.9
1/21/2016	14:00:00	0	26.081	16.5	1953.9
1/21/2016	14:15:00	0	26.076	16.5	1952.7
1/21/2016	14:30:00	0	26.06	16.5	1952.7
1/21/2016	14:45:00	0	26.043	16.5	1952.7
1/21/2016	15:00:00	0	26.005	16.5	1952.7
1/21/2016	15:15:00	0	25.987	16.4	1956.1
1/21/2016	15:30:00	0	26.028	16.5	1952.7
1/21/2016	15:45:00	0	25.993	16.5	1953.9
1/21/2016	16:00:00	0	26.065	16.5	1953.9
1/21/2016	16:15:00	0	26.008	16.5	1953.9
1/21/2016	16:30:00	0	26.053	16.5	1952.7
1/21/2016	16:45:00	0	26.026	16.5	1951.6
1/21/2016	17:00:00	0	26.049	16.5	1952.7
1/21/2016	17:15:00	0	26.073	16.5	1952.7
1/21/2016	17:30:00	0	26.001	16.5	1952.7
1/21/2016	17:45:00	0	26.052	16.5	1952.7
1/21/2016	18:00:00	0	25.988	16.5	1951.6
1/21/2016	18:15:00	0	26.028	16.4	1956.1
1/21/2016	18:30:00	0	26	16.5	1952.7
1/21/2016	18:45:00	0	26.002	16.5	1952.7
1/21/2016	19:00:00	0	25.973	16.5	1951.6
1/21/2016	19:15:00	0	26.01	16.4	1956.1

1/21/2016	19:30:00	0	26.037	16.5	1952.7
1/21/2016	19:45:00	0	26.02	16.5	1953.9
1/21/2016	20:00:00	0	25.968	16.5	1953.9
1/21/2016	20:15:00	0	25.97	16.5	1953.9
1/21/2016	20:30:00	0	25.95	16.5	1953.9
1/21/2016	20:45:00	0	25.937	16.5	1953.9
1/21/2016	21:00:00	0	25.987	16.5	1952.7
1/21/2016	21:15:00	0	26.011	16.5	1953.9
1/21/2016	21:30:00	0	25.954	16.5	1953.9
1/21/2016	21:45:00	0	25.959	16.5	1952.7
1/21/2016	22:00:00	0	26.02	16.5	1953.9
1/21/2016	22:15:00	0	25.979	16.5	1953.9
1/21/2016	22:30:00	0	26.002	16.5	1953.9
1/21/2016	22:45:00	0	25.972	16.5	1953.9
1/21/2016	23:00:00	0	26	16.5	1953.9
1/21/2016	23:15:00	0	26.006	16.5	1953.9
1/21/2016	23:30:00	0	25.998	16.5	1953.9
1/21/2016	23:45:00	0	25.962	16.5	1952.7
1/22/2016	0:00:00	0	25.972	16.5	1952.7
1/22/2016	0:15:00	0	26.002	16.5	1951.6
1/22/2016	0:30:00	0	26.012	16.5	1952.7
1/22/2016	0:45:00	0	25.946	16.5	1953.9
1/22/2016	1:00:00	0	25.998	16.5	1952.7
1/22/2016	1:15:00	0	26.015	16.5	1952.7
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1/22/2016	2:15:00	0	26.026	16.5	1952.7
1/22/2016	2:30:00	0	26.046	16.5	1952.7
1/22/2016	2:45:00	0	26.032	16.5	1952.7
1/22/2016	3:00:00	0	26.031	16.5	1952.7
1/22/2016	3:15:00	0	26.053	16.5	1952.7
1/22/2016	3:30:00	0	26.063	16.5	1952.7
1/22/2016	3:45:00	0	26.003	16.5	1952.7
1/22/2016	4:00:00	0	26.021	16.5	1952.7
1/22/2016	4:15:00	0	26.039	16.5	1953.9
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1/22/2016	5:15:00	0	26.063	16.5	1953.9
1/22/2016	5:30:00	0	26.018	16.5	1952.7
1/22/2016	5:45:00	0	26.014	16.5	1953.9
1/22/2016	6:00:00	0	25.978	16.5	1953.9
1/22/2016	6:15:00	0	25.99	16.5	1953.9
1/22/2016	6:30:00	0	26.011	16.5	1952.7
1/22/2016	6:45:00	0	26.011	16.5	1952.7
1/22/2016	7:00:00	0	25.952	16.5	1952.7

1/22/2016	7:15:00	0	25.99	16.5	1953.9
1/22/2016	7:30:00	0	26.042	16.5	1953.9
1/22/2016	7:45:00	0	26.016	16.5	1952.7
1/22/2016	8:00:00	0	25.994	16.5	1953.9
1/22/2016	8:15:00	0	25.972	16.5	1952.7
1/22/2016	8:30:00	0	25.996	16.5	1953.9
1/22/2016	8:45:00	0	25.959	16.5	1953.9
1/22/2016	9:00:00	0	25.955	16.5	1951.6
1/22/2016	9:15:00	0	25.953	16.5	1951.6
1/22/2016	9:30:00	0	25.975	16.4	1956.1
1/22/2016	9:45:00	0	25.972	16.5	1952.7
1/22/2016	10:00:00	0	26.027	16.5	1952.7
1/22/2016	10:15:00	0	26.007	16.5	1953.9
1/22/2016	10:30:00	0	26.025	16.5	1952.7
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1/22/2016	11:00:00	0	25.957	16.5	1952.7
1/22/2016	11:15:00	0	25.999	16.5	1952.7
1/22/2016	11:30:00	0	25.985	16.5	1952.7
1/22/2016	11:45:00	0	26.035	16.5	1952.7
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1/22/2016	12:30:00	0	26.034	16.5	1952.7
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1/22/2016	14:00:00	0	26.017	16.5	1952.7
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1/22/2016	18:15:00	0	26.061	16.5	1952.7
1/22/2016	18:30:00	0	25.999	16.5	1951.6
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1/22/2016	19:30:00	0	26.002	16.5	1951.6
1/22/2016	19:45:00	0	25.999	16.5	1951.6
1/22/2016	20:00:00	0	26.015	16.5	1951.6
1/22/2016	20:15:00	0	25.996	16.5	1952.7
1/22/2016	20:30:00	0	25.998	16.5	1951.6
1/22/2016	20:45:00	0	26.015	16.5	1952.7
1/22/2016	21:00:00	0	25.995	16.5	1952.7
1/22/2016	21:15:00	0	25.977	16.5	1952.7
1/22/2016	21:30:00	0	26.015	16.5	1953.9
1/22/2016	21:45:00	0	25.998	16.5	1952.7
1/22/2016	22:00:00	0	25.993	16.5	1952.7
1/22/2016	22:15:00	0	26.026	16.5	1953.9
1/22/2016	22:30:00	0	26.049	16.5	1953.9
1/22/2016	22:45:00	0	25.971	16.5	1952.7
1/22/2016	23:00:00	0	25.992	16.5	1952.7
1/22/2016	23:15:00	0	26.019	16.5	1952.7
1/22/2016	23:30:00	0	25.992	16.5	1952.7
1/22/2016	23:45:00	0	26.03	16.5	1952.7
1/23/2016	0:00:00	0	26.006	16.5	1952.7
1/23/2016	0:15:00	0	26.047	16.5	1951.6
1/23/2016	0:30:00	0	26.072	16.5	1951.6
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1/23/2016	1:15:00	0	26.02	16.5	1951.6
1/23/2016	1:30:00	0	26	16.5	1952.7
1/23/2016	1:45:00	0	26.014	16.5	1952.7
1/23/2016	2:00:00	0	26.034	16.5	1952.7
1/23/2016	2:15:00	0	25.99	16.5	1952.7
1/23/2016	2:30:00	0	25.985	16.5	1952.7
1/23/2016	2:45:00	0	25.962	16.4	1956.1
1/23/2016	3:00:00	0	26.022	16.4	1956.1
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1/23/2016	3:45:00	0	26.014	16.5	1952.7
1/23/2016	4:00:00	0	25.994	16.5	1952.7
1/23/2016	4:15:00	0	26.028	16.5	1953.9
1/23/2016	4:30:00	0	25.97	16.5	1953.9
1/23/2016	4:45:00	0	26.007	16.5	1952.7
1/23/2016	5:00:00	0	25.987	16.5	1953.9
1/23/2016	5:15:00	0	26.064	16.5	1952.7
1/23/2016	5:30:00	0	25.979	16.5	1953.9
1/23/2016	5:45:00	0	26.014	16.5	1953.9
1/23/2016	6:00:00	0	26.008	16.5	1952.7
1/23/2016	6:15:00	0	26.004	16.5	1952.7
1/23/2016	6:30:00	0	25.998	16.5	1952.7

1/23/2016	6:45:00	0	25.972	16.5	1952.7
1/23/2016	7:00:00	0	25.964	16.5	1952.7
1/23/2016	7:15:00	0	26.016	16.5	1951.6
1/23/2016	7:30:00	0	26.009	16.5	1951.6
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1/23/2016	8:45:00	0	25.968	16.5	1952.7
1/23/2016	9:00:00	0	25.999	16.5	1952.7
1/23/2016	9:15:00	0	25.954	16.4	1954.9
1/23/2016	9:30:00	0	25.972	16.5	1952.7
1/23/2016	9:45:00	0	25.968	16.5	1953.9
1/23/2016	10:00:00	0	26.004	16.5	1952.7
1/23/2016	10:15:00	0	26	16.5	1952.7
1/23/2016	10:30:00	0	25.957	16.5	1952.7
1/23/2016	10:45:00	0	25.972	16.5	1952.7
1/23/2016	11:00:00	0	25.977	16.5	1952.7
1/23/2016	11:15:00	0	26.003	16.4	1956.1
1/23/2016	11:30:00	0	25.947	16.5	1952.7
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1/23/2016	12:30:00	0	25.996	16.5	1953.9
1/23/2016	12:45:00	0	26.033	16.5	1953.9
1/23/2016	13:00:00	0	26.021	16.5	1953.9
1/23/2016	13:15:00	0	26.082	16.5	1952.7
1/23/2016	13:30:00	0	26.043	16.5	1952.7
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1/23/2016	14:45:00	0	25.957	16.5	1953.9
1/23/2016	15:00:00	0	25.971	16.5	1953.9
1/23/2016	15:15:00	0	26.03	16.5	1952.7
1/23/2016	15:30:00	0	26.01	16.4	1956.1
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1/23/2016	16:00:00	0	26.025	16.5	1953.9
1/23/2016	16:15:00	0	26.021	16.5	1952.7
1/23/2016	16:30:00	0	26.017	16.5	1952.7
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1/23/2016	17:45:00	0	26.044	16.5	1952.7
1/23/2016	18:00:00	0	25.982	16.5	1953.9
1/23/2016	18:15:00	0	26.019	16.5	1952.7

1/23/2016	18:30:00	0	25.981	16.5	1952.7
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1/23/2016	19:00:00	0	26.036	16.4	1957.2
1/23/2016	19:15:00	0	26.011	16.5	1953.9
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1/23/2016	20:30:00	0	26.063	16.5	1951.6
1/23/2016	20:45:00	0	26	16.4	1954.9
1/23/2016	21:00:00	0	26.018	16.5	1951.6
1/23/2016	21:15:00	0	26.035	16.5	1952.7
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1/23/2016	22:30:00	0	26.051	16.5	1952.7
1/23/2016	22:45:00	0	26.01	16.5	1951.6
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1/23/2016	23:15:00	0	26.023	16.5	1953.9
1/23/2016	23:30:00	0	25.985	16.5	1951.6
1/23/2016	23:45:00	0	26.008	16.5	1952.7
1/24/2016	0:00:00	0	25.991	16.5	1951.6
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1/24/2016	2:00:00	0	26.007	16.5	1951.6
1/24/2016	2:15:00	0	26.019	16.5	1951.6
1/24/2016	2:30:00	0	25.98	16.4	1954.9
1/24/2016	2:45:00	0	25.959	16.5	1952.7
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1/24/2016	4:15:00	0	26.014	16.5	1951.6
1/24/2016	4:30:00	0	26.029	16.5	1951.6
1/24/2016	4:45:00	0	25.986	16.4	1954.9
1/24/2016	5:00:00	0	26.043	16.4	1954.9
1/24/2016	5:15:00	0	26.021	16.5	1951.6
1/24/2016	5:30:00	0	25.997	16.5	1952.7
1/24/2016	5:45:00	0	26.052	16.5	1951.6
1/24/2016	6:00:00	0	26.004	16.5	1952.7

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1/24/2016	6:45:00	0	25.979	16.5	1952.7
1/24/2016	7:00:00	0	26.019	16.5	1950.4
1/24/2016	7:15:00	0	25.996	16.5	1951.6
1/24/2016	7:30:00	0	25.99	16.5	1951.6
1/24/2016	7:45:00	0	26.006	16.5	1951.6
1/24/2016	8:00:00	0	25.998	16.5	1951.6
1/24/2016	8:15:00	0	25.962	16.5	1952.7
1/24/2016	8:30:00	0	25.995	16.5	1952.7
1/24/2016	8:45:00	0	26.011	16.5	1951.6
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1/24/2016	10:15:00	0	25.969	16.5	1952.7
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1/24/2016	12:00:00	0	26.044	16.5	1952.7
1/24/2016	12:15:00	0	26.028	16.5	1952.7
1/24/2016	12:30:00	0	26.039	16.5	1952.7
1/24/2016	12:45:00	0	26.061	16.4	1956.1
1/24/2016	13:00:00	0	26.09	16.5	1952.7
1/24/2016	13:15:00	0	26.07	16.5	1952.7
1/24/2016	13:30:00	0	26.067	16.4	1956.1
1/24/2016	13:45:00	0	26.016	16.5	1952.7
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1/24/2016	16:15:00	0	25.989	16.5	1952.7
1/24/2016	16:30:00	0	25.999	16.4	1956.1
1/24/2016	16:45:00	0	26.02	16.5	1951.6
1/24/2016	17:00:00	0	26.024	16.5	1952.7
1/24/2016	17:15:00	0	26.048	16.5	1952.7
1/24/2016	17:30:00	0	26.015	16.5	1952.7
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1/24/2016	18:00:00	0	26.029	16.5	1953.9
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1/24/2016	18:30:00	0	26.001	16.5	1951.6
1/24/2016	18:45:00	0	25.986	16.5	1952.7
1/24/2016	19:00:00	0	25.987	16.5	1952.7
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1/24/2016	20:00:00	0	26.022	16.5	1951.6
1/24/2016	20:15:00	0	25.998	16.5	1951.6
1/24/2016	20:30:00	0	26.012	16.4	1954.9
1/24/2016	20:45:00	0	26.01	16.5	1951.6
1/24/2016	21:00:00	0	26.01	16.5	1951.6
1/24/2016	21:15:00	0	25.972	16.5	1951.6
1/24/2016	21:30:00	0	25.989	16.5	1951.6
1/24/2016	21:45:00	0	26.032	16.5	1951.6
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1/24/2016	22:15:00	0	26.048	16.5	1951.6
1/24/2016	22:30:00	0	25.982	16.5	1951.6
1/24/2016	22:45:00	0	26.016	16.5	1952.7
1/24/2016	23:00:00	0	26.016	16.5	1952.7
1/24/2016	23:15:00	0	26.001	16.5	1952.7
1/24/2016	23:30:00	0	26.041	16.5	1952.7
1/24/2016	23:45:00	0	26.02	16.5	1952.7
1/25/2016	0:00:00	0	26.037	16.5	1952.7
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1/25/2016	0:30:00	0	26.077	16.4	1956.1
1/25/2016	0:45:00	0	26.023	16.5	1952.7
1/25/2016	1:00:00	0	26.045	16.5	1952.7
1/25/2016	1:15:00	0	26.007	16.5	1952.7
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1/25/2016	2:00:00	0	26.011	16.4	1954.9
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1/25/2016	3:00:00	0	26.039	16.5	1952.7
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1/25/2016	5:00:00	0	26.03	16.5	1952.7
1/25/2016	5:15:00	0	26.056	16.4	1956.1
1/25/2016	5:30:00	0	26.032	16.5	1953.9

1/25/2016	5:45:00	0	26.049	16.5	1952.7
1/25/2016	6:00:00	0	26.026	16.5	1952.7
1/25/2016	6:15:00	0	26.045	16.5	1952.7
1/25/2016	6:30:00	0	26.013	16.5	1952.7
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1/25/2016	7:15:00	0	26.055	16.5	1952.7
1/25/2016	7:30:00	0	25.967	16.5	1953.9
1/25/2016	7:45:00	0	25.961	16.4	1956.1
1/25/2016	8:00:00	0	25.994	16.5	1952.7
1/25/2016	8:15:00	0	25.986	16.5	1953.9
1/25/2016	8:30:00	0	25.999	16.5	1953.9
1/25/2016	8:45:00	0	25.992	16.5	1951.6
1/25/2016	9:00:00	0	26.009	16.5	1951.6
1/25/2016	9:15:00	0	26.005	16.5	1952.7
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1/25/2016	10:00:00	0	26.005	16.5	1952.7
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1/25/2016	10:30:00	0	26.048	16.5	1952.7
1/25/2016	10:45:00	0	25.985	16.5	1952.7
1/25/2016	11:00:00	0	25.962	16.5	1952.7
1/25/2016	11:15:00	0	26.005	16.5	1953.9
1/25/2016	11:30:00	0	26.011	16.5	1953.9
1/25/2016	11:45:00	0	25.976	16.5	1953.9
1/25/2016	12:00:00	0	26.004	16.5	1953.9
1/25/2016	12:15:00	0	26.009	16.5	1952.7
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1/25/2016	15:00:00	0	26.057	16.4	1954.9
1/25/2016	15:15:00	0	26.036	16.4	1956.1
1/25/2016	15:30:00	0	26.013	16.5	1952.7
1/25/2016	15:45:00	0	26.049	16.5	1952.7
1/25/2016	16:00:00	0	26.005	16.5	1951.6
1/25/2016	16:15:00	0	25.986	16.5	1953.9
1/25/2016	16:30:00	0	25.981	16.5	1952.7
1/25/2016	16:45:00	0	25.959	16.5	1951.6
1/25/2016	17:00:00	0	25.995	16.5	1952.7
1/25/2016	17:15:00	0	25.954	16.5	1951.6

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1/25/2016	17:45:00	0	26.012	16.4	1954.9
1/25/2016	18:00:00	0	26.03	16.4	1954.9
1/25/2016	18:15:00	0	26.045	16.5	1952.7
1/25/2016	18:30:00	0	25.992	16.5	1952.7
1/25/2016	18:45:00	0	25.966	16.5	1952.7
1/25/2016	19:00:00	0	25.984	16.5	1951.6
1/25/2016	19:15:00	0	26.02	16.5	1952.7
1/25/2016	19:30:00	0	26	16.5	1951.6
1/25/2016	19:45:00	0	25.979	16.5	1950.4
1/25/2016	20:00:00	0	26.016	16.5	1952.7
1/25/2016	20:15:00	0	25.994	16.5	1952.7
1/25/2016	20:30:00	0	26.017	16.5	1952.7
1/25/2016	20:45:00	0	25.999	16.5	1951.6
1/25/2016	21:00:00	0	26.018	16.5	1951.6
1/25/2016	21:15:00	0	25.996	16.5	1952.7
1/25/2016	21:30:00	0	25.989	16.5	1952.7
1/25/2016	21:45:00	0	26.007	16.5	1953.9
1/25/2016	22:00:00	0	25.987	16.5	1953.9
1/25/2016	22:15:00	0	26.045	16.5	1951.6
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1/25/2016	23:00:00	0	26.021	16.5	1952.7
1/25/2016	23:15:00	0	26.023	16.5	1952.7
1/25/2016	23:30:00	0	26.064	16.5	1952.7
1/25/2016	23:45:00	0	26.041	16.5	1952.7
1/26/2016	0:00:00	0	26.045	16.5	1951.6
1/26/2016	0:15:00	0	26.006	16.5	1951.6
1/26/2016	0:30:00	0	26.049	16.5	1952.7
1/26/2016	0:45:00	0	26.028	16.5	1952.7
1/26/2016	1:00:00	0	26.051	16.5	1951.6
1/26/2016	1:15:00	0	26.008	16.5	1952.7
1/26/2016	1:30:00	0	26.039	16.5	1952.7
1/26/2016	1:45:00	0	26.013	16.4	1956.1
1/26/2016	2:00:00	0	26.027	16.4	1954.9
1/26/2016	2:15:00	0	25.989	16.4	1956.1
1/26/2016	2:30:00	0	25.957	16.4	1954.9
1/26/2016	2:45:00	0	26.033	16.5	1952.7
1/26/2016	3:00:00	0	25.994	16.5	1953.9
1/26/2016	3:15:00	0	26.016	16.5	1953.9
1/26/2016	3:30:00	0	26.017	16.5	1952.7
1/26/2016	3:45:00	0	26.082	16.5	1953.9
1/26/2016	4:00:00	0	26.003	16.5	1952.7
1/26/2016	4:15:00	0	26.023	16.5	1951.6
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1/26/2016	5:00:00	0	25.998	16.5	1952.7

1/26/2016	5:15:00	0	26.033	16.5	1951.6
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1/26/2016	6:00:00	0	26.079	16.5	1952.7
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1/26/2016	6:30:00	0	26.057	16.5	1952.7
1/26/2016	6:45:00	0	26.054	16.5	1951.6
1/26/2016	7:00:00	0	26.007	16.5	1953.9
1/26/2016	7:15:00	0	26.001	16.5	1952.7
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1/26/2016	8:45:00	0	26.008	16.5	1953.9
1/26/2016	9:00:00	0	26.027	16.5	1953.9
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1/26/2016	13:45:00	0	26.043	16.5	1952.7
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1/26/2016	15:30:00	0	25.994	16.4	1954.9
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1/26/2016	17:00:00	0	26.03	16.4	1954.9
1/26/2016	17:15:00	0	26.024	16.4	1954.9
1/26/2016	17:30:00	0	26.043	16.4	1954.9
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1/26/2016	20:15:00	0	25.998	16.4	1953.7
1/26/2016	20:30:00	0	26.002	16.4	1954.9
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1/26/2016	21:00:00	0	26.05	16.4	1956.1
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1/27/2016	1:45:00	0	26.02	16.4	1954.9
1/27/2016	2:00:00	0	25.999	16.5	1952.7
1/27/2016	2:15:00	0	26.041	16.4	1956.1
1/27/2016	2:30:00	0	26.062	16.5	1952.7
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1/27/2016	4:00:00	0	26.055	16.4	1956.1
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1/27/2016	4:30:00	0	26.039	16.5	1952.7

1/27/2016	4:45:00	0	26.03	16.5	1952.7
1/27/2016	5:00:00	0	26.058	16.5	1952.7
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1/27/2016	8:30:00	0	26.025	16.5	1951.6
1/27/2016	8:45:00	0	25.999	16.5	1951.6
1/27/2016	9:00:00	0	26.037	16.5	1950.4
1/27/2016	9:15:00	0	26.011	16.5	1950.4
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1/27/2016	9:45:00	0	26.001	16.4	1954.9
1/27/2016	10:00:00	0	26.019	16.5	1951.6
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1/27/2016	15:00:00	0	26.02	16.5	1952.7
1/27/2016	15:15:00	0	26.023	16.5	1951.6
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1/27/2016	16:45:00	0	26.004	16.5	1952.7
1/27/2016	17:00:00	0	26.022	16.5	1953.9
1/27/2016	17:15:00	0	26.018	16.5	1952.7
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1/27/2016	18:45:00	0	26.062	16.5	1953.9
1/27/2016	19:00:00	0	26.043	16.5	1953.9
1/27/2016	19:15:00	0	26.019	16.5	1953.9
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1/27/2016	20:30:00	0	26.035	16.5	1951.6
1/27/2016	20:45:00	0	26.034	16.4	1954.9
1/27/2016	21:00:00	0	26.038	16.4	1953.7
1/27/2016	21:15:00	0	26.03	16.4	1954.9
1/27/2016	21:30:00	0	26.029	16.5	1952.7
1/27/2016	21:45:00	0	26.028	16.5	1952.7
1/27/2016	22:00:00	0	26.022	16.5	1952.7
1/27/2016	22:15:00	0	26.021	16.5	1952.7
1/27/2016	22:30:00	0	26.038	16.5	1951.6
1/27/2016	22:45:00	0	26.058	16.4	1954.9
1/27/2016	23:00:00	0	26.021	16.5	1952.7
1/27/2016	23:15:00	0	26.042	16.5	1952.7
1/27/2016	23:30:00	0	26.046	16.5	1951.6
1/27/2016	23:45:00	0	25.991	16.5	1952.7

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

Date	Time	ms	LEVEL	TEMPERAT	CONDUCTIVITY
1/21/2016	0:00:00	0	157.936	16.8	2515.4
1/21/2016	0:15:00	0	157.963	16.8	2515.4
1/21/2016	0:30:00	0	157.95	16.8	2516.6
1/21/2016	0:45:00	0	157.954	16.8	2516.6
1/21/2016	1:00:00	0	157.961	16.8	2516.6
1/21/2016	1:15:00	0	157.988	16.8	2516.6
1/21/2016	1:30:00	0	157.994	16.8	2516.6
1/21/2016	1:45:00	0	157.958	16.8	2516.6
1/21/2016	2:00:00	0	157.958	16.9	2513.4
1/21/2016	2:15:00	0	157.991	16.8	2516.6
1/21/2016	2:30:00	0	158.006	16.8	2516.6
1/21/2016	2:45:00	0	157.971	16.8	2516.6
1/21/2016	3:00:00	0	158.001	16.8	2516.6
1/21/2016	3:15:00	0	157.982	16.8	2516.6
1/21/2016	3:30:00	0	158.003	16.8	2516.6
1/21/2016	3:45:00	0	158.003	16.8	2516.6
1/21/2016	4:00:00	0	157.96	16.8	2516.6
1/21/2016	4:15:00	0	157.987	16.8	2516.6
1/21/2016	4:30:00	0	158.012	16.8	2516.6
1/21/2016	4:45:00	0	157.976	16.8	2516.6
1/21/2016	5:00:00	0	158.026	16.8	2516.6
1/21/2016	5:15:00	0	158.05	16.8	2516.6
1/21/2016	5:30:00	0	158.009	16.8	2516.6
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1/21/2016	7:00:00	0	158.031	16.8	2517.7
1/21/2016	7:15:00	0	158.01	16.8	2516.6
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1/21/2016	7:45:00	0	158.043	16.8	2517.7
1/21/2016	8:00:00	0	158.038	16.8	2517.7
1/21/2016	8:15:00	0	158.027	16.8	2531.7
1/21/2016	8:30:00	0	158.024	16.8	2531.7
1/21/2016	8:45:00	0	157.983	16.8	2530.5
1/21/2016	9:00:00	0	158.018	16.8	2530.5
1/21/2016	9:15:00	0	158.052	16.8	2530.5
1/21/2016	9:30:00	0	157.991	16.8	2530.5
1/21/2016	9:45:00	0	157.989	16.8	2529.4
1/21/2016	10:00:00	0	158.068	16.8	2529.4
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1/21/2016	10:45:00	0	158.071	16.8	2528.2
1/21/2016	11:00:00	0	158.043	16.8	2529.4
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1/21/2016	11:30:00	0	158.021	16.8	2528.2
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1/21/2016	12:45:00	0	158.036	16.8	2524.7
1/21/2016	13:00:00	0	158.061	16.8	2524.7
1/21/2016	13:15:00	0	158.023	16.8	2524.7
1/21/2016	13:30:00	0	158.075	16.8	2524.7
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1/21/2016	14:00:00	0	158.089	16.8	2524.7
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1/21/2016	14:30:00	0	158.048	16.8	2523.6
1/21/2016	14:45:00	0	158.07	16.8	2523.6
1/21/2016	15:00:00	0	158.092	16.8	2521.2
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1/21/2016	16:00:00	0	158.053	16.8	2518.9
1/21/2016	16:15:00	0	158.056	16.8	2518.9
1/21/2016	16:30:00	0	158.08	16.8	2516.6
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1/21/2016	17:30:00	0	158.068	16.8	2517.7
1/21/2016	17:45:00	0	158.08	16.8	2517.7
1/21/2016	18:00:00	0	158.114	16.8	2517.7
1/21/2016	18:15:00	0	158.056	16.8	2517.7
1/21/2016	18:30:00	0	158.086	16.8	2517.7
1/21/2016	18:45:00	0	158.029	16.8	2516.6
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1/21/2016	19:15:00	0	158.077	16.8	2516.6

1/21/2016	19:30:00	0	158.065	16.8	2516.6
1/21/2016	19:45:00	0	158.067	16.8	2516.6
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1/21/2016	20:15:00	0	157.997	16.8	2516.6
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1/21/2016	21:15:00	0	158.019	16.8	2517.7
1/21/2016	21:30:00	0	158.08	16.8	2517.7
1/21/2016	21:45:00	0	158.026	16.8	2517.7
1/21/2016	22:00:00	0	158.028	16.8	2517.7
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1/21/2016	22:30:00	0	158.01	16.8	2518.9
1/21/2016	22:45:00	0	158.039	16.8	2518.9
1/21/2016	23:00:00	0	158.047	16.8	2521.2
1/21/2016	23:15:00	0	157.994	16.8	2517.7
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1/21/2016	23:45:00	0	158.009	16.8	2518.9
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1/22/2016	0:15:00	0	157.971	16.8	2518.9
1/22/2016	0:30:00	0	157.961	16.8	2518.9
1/22/2016	0:45:00	0	157.915	16.8	2518.9
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1/22/2016	1:15:00	0	157.905	16.8	2518.9
1/22/2016	1:30:00	0	157.889	16.8	2516.6
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1/22/2016	2:15:00	0	157.857	16.8	2518.9
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1/22/2016	4:15:00	0	157.851	16.8	2521.2
1/22/2016	4:30:00	0	157.835	16.8	2521.2
1/22/2016	4:45:00	0	157.857	16.8	2522.4
1/22/2016	5:00:00	0	157.858	16.8	2522.4
1/22/2016	5:15:00	0	157.874	16.8	2521.2
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1/22/2016	20:45:00	0	158.181	16.8	2521.2
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1/22/2016	22:45:00	0	158.176	16.8	2522.4
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1/22/2016	23:45:00	0	158.156	16.8	2522.4
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1/23/2016	3:45:00	0	158.219	16.8	2523.6
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1/23/2016	6:15:00	0	158.229	16.8	2525.9
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1/23/2016	7:45:00	0	158.23	16.8	2524.7
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1/23/2016	8:15:00	0	158.242	16.8	2524.7
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1/23/2016	9:00:00	0	158.203	16.8	2523.6
1/23/2016	9:15:00	0	158.238	16.8	2523.6
1/23/2016	9:30:00	0	158.236	16.8	2523.6
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1/23/2016	10:00:00	0	158.189	16.8	2523.6
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1/23/2016	10:30:00	0	158.221	16.8	2522.4
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1/23/2016	11:15:00	0	158.208	16.8	2524.7
1/23/2016	11:30:00	0	158.231	16.8	2524.7
1/23/2016	11:45:00	0	158.236	16.8	2525.9
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1/23/2016	12:15:00	0	158.228	16.8	2525.9
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1/23/2016	22:30:00	0	158.256	16.8	2524.7
1/23/2016	22:45:00	0	158.214	16.8	2525.9
1/23/2016	23:00:00	0	158.234	16.8	2525.9
1/23/2016	23:15:00	0	158.228	16.8	2524.7
1/23/2016	23:30:00	0	158.229	16.8	2524.7
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1/24/2016	0:00:00	0	158.215	16.8	2525.9
1/24/2016	0:15:00	0	158.239	16.8	2525.9
1/24/2016	0:30:00	0	158.237	16.8	2528.2
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1/24/2016	1:00:00	0	158.258	16.8	2528.2
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1/24/2016	3:15:00	0	158.264	16.8	2528.2
1/24/2016	3:30:00	0	158.242	16.8	2528.2
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1/24/2016	5:30:00	0	158.241	16.8	2528.2
1/24/2016	5:45:00	0	158.257	16.8	2528.2
1/24/2016	6:00:00	0	158.228	16.8	2529.4

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1/24/2016	7:00:00	0	158.224	16.8	2530.5
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1/24/2016	7:30:00	0	158.253	16.8	2531.7
1/24/2016	7:45:00	0	158.25	16.8	2532.9
1/24/2016	8:00:00	0	158.223	16.8	2531.7
1/24/2016	8:15:00	0	158.245	16.8	2532.9
1/24/2016	8:30:00	0	158.239	16.8	2532.9
1/24/2016	8:45:00	0	158.235	16.8	2532.9
1/24/2016	9:00:00	0	158.225	16.8	2535.2
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1/24/2016	9:45:00	0	158.194	16.8	2535.2
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1/24/2016	10:30:00	0	158.212	16.8	2536.4
1/24/2016	10:45:00	0	158.2	16.8	2536.4
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1/24/2016	11:15:00	0	158.232	16.8	2536.4
1/24/2016	11:30:00	0	158.242	16.8	2535.2
1/24/2016	11:45:00	0	158.274	16.8	2535.2
1/24/2016	12:00:00	0	158.229	16.8	2532.9
1/24/2016	12:15:00	0	158.213	16.8	2535.2
1/24/2016	12:30:00	0	158.224	16.8	2532.9
1/24/2016	12:45:00	0	158.226	16.8	2532.9
1/24/2016	13:00:00	0	158.255	16.8	2532.9
1/24/2016	13:15:00	0	158.275	16.8	2532.9
1/24/2016	13:30:00	0	158.193	16.8	2532.9
1/24/2016	13:45:00	0	158.221	16.8	2535.2
1/24/2016	14:00:00	0	158.243	16.8	2532.9
1/24/2016	14:15:00	0	158.249	16.8	2535.2
1/24/2016	14:30:00	0	158.27	16.8	2532.9
1/24/2016	14:45:00	0	158.246	16.8	2532.9
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1/24/2016	19:30:00	0	158.277	16.8	2535.2
1/24/2016	19:45:00	0	158.273	16.8	2535.2
1/24/2016	20:00:00	0	158.266	16.8	2532.9
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1/24/2016	20:30:00	0	158.276	16.8	2532.9
1/24/2016	20:45:00	0	158.254	16.8	2532.9
1/24/2016	21:00:00	0	158.274	16.8	2531.7
1/24/2016	21:15:00	0	158.275	16.8	2532.9
1/24/2016	21:30:00	0	158.233	16.8	2532.9
1/24/2016	21:45:00	0	158.237	16.8	2532.9
1/24/2016	22:00:00	0	158.233	16.8	2532.9
1/24/2016	22:15:00	0	158.252	16.8	2532.9
1/24/2016	22:30:00	0	158.265	16.8	2531.7
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1/24/2016	23:15:00	0	158.245	16.8	2531.7
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1/25/2016	0:15:00	0	158.123	16.8	2532.9
1/25/2016	0:30:00	0	158.105	16.8	2532.9
1/25/2016	0:45:00	0	158.15	16.8	2532.9
1/25/2016	1:00:00	0	158.131	16.8	2531.7
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1/25/2016	1:45:00	0	158.058	16.8	2531.7
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1/25/2016	4:45:00	0	158.075	16.8	2532.9
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1/25/2016	5:15:00	0	158.084	16.8	2535.2
1/25/2016	5:30:00	0	158.08	16.8	2535.2

1/25/2016	5:45:00	0	158.136	16.8	2535.2
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1/25/2016	6:15:00	0	158.073	16.8	2536.4
1/25/2016	6:30:00	0	158.119	16.8	2535.2
1/25/2016	6:45:00	0	158.12	16.8	2536.4
1/25/2016	7:00:00	0	158.17	16.8	2535.2
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1/25/2016	7:30:00	0	158.191	16.8	2536.4
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1/27/2016	23:45:00	0	157.881	16.8	2544.5

Serial_number:
1048058
Project ID:
TSW - Long Test
Location:
MPWSP MW6-M
LEVEL
UNIT: ft
Offset: 0.000000 ft
Altitude: 29.000000 ft
Density: 1.000000 kg/L
TEMPERATURE
UNIT: Deg C

Date	Time	ms	LEVEL	TEMPERATURE
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1/21/2016	0:30:00	0	59.4307	16.028
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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
1/21/2016	0:00:00	0	33.763	16.5	1840.4
1/21/2016	0:15:00	0	33.73	16.5	1841.6
1/21/2016	0:30:00	0	33.678	16.5	1840.4
1/21/2016	0:45:00	0	33.721	16.5	1841.6
1/21/2016	1:00:00	0	33.748	16.5	1841.6
1/21/2016	1:15:00	0	33.735	16.5	1841.6
1/21/2016	1:30:00	0	33.722	16.5	1841.6
1/21/2016	1:45:00	0	33.765	16.5	1841.6
1/21/2016	2:00:00	0	33.745	16.5	1841.6
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1/21/2016	2:30:00	0	33.754	16.5	1841.6
1/21/2016	2:45:00	0	33.719	16.5	1843.9
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1/21/2016	3:30:00	0	33.711	16.5	1843.9
1/21/2016	3:45:00	0	33.692	16.5	1843.9
1/21/2016	4:00:00	0	33.728	16.5	1843.9
1/21/2016	4:15:00	0	33.696	16.5	1843.9
1/21/2016	4:30:00	0	33.759	16.5	1843.9
1/21/2016	4:45:00	0	33.744	16.5	1843.9
1/21/2016	5:00:00	0	33.715	16.5	1843.9
1/21/2016	5:15:00	0	33.68	16.5	1843.9
1/21/2016	5:30:00	0	33.757	16.5	1843.9
1/21/2016	5:45:00	0	33.74	16.5	1845.1
1/21/2016	6:00:00	0	33.749	16.5	1843.9
1/21/2016	6:15:00	0	33.727	16.5	1843.9
1/21/2016	6:30:00	0	33.786	16.5	1843.9
1/21/2016	6:45:00	0	33.706	16.5	1845.1
1/21/2016	7:00:00	0	33.72	16.5	1845.1
1/21/2016	7:15:00	0	33.777	16.5	1845.1
1/21/2016	7:30:00	0	33.695	16.5	1845.1

1/21/2016	7:45:00	0	33.732	16.5	1845.1
1/21/2016	8:00:00	0	33.727	16.5	1845.1
1/21/2016	8:15:00	0	33.735	16.5	1845.1
1/21/2016	8:30:00	0	33.732	16.5	1847.4
1/21/2016	8:45:00	0	33.751	16.5	1847.4
1/21/2016	9:00:00	0	33.707	16.5	1847.4
1/21/2016	9:15:00	0	33.721	16.5	1847.4
1/21/2016	9:30:00	0	33.719	16.5	1849.8
1/21/2016	9:45:00	0	33.737	16.5	1847.4
1/21/2016	10:00:00	0	33.737	16.5	1847.4
1/21/2016	10:15:00	0	33.738	16.5	1847.4
1/21/2016	10:30:00	0	33.718	16.5	1847.4
1/21/2016	10:45:00	0	33.72	16.5	1847.4
1/21/2016	11:00:00	0	33.732	16.5	1849.8
1/21/2016	11:15:00	0	33.734	16.5	1847.4
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1/21/2016	11:45:00	0	33.747	16.5	1849.8
1/21/2016	12:00:00	0	33.718	16.5	1847.4
1/21/2016	12:15:00	0	33.753	16.5	1849.8
1/21/2016	12:30:00	0	33.778	16.5	1849.8
1/21/2016	12:45:00	0	33.745	16.5	1849.8
1/21/2016	13:00:00	0	33.709	16.5	1849.8
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1/21/2016	14:00:00	0	33.758	16.5	1849.8
1/21/2016	14:15:00	0	33.733	16.5	1849.8
1/21/2016	14:30:00	0	33.757	16.5	1849.8
1/21/2016	14:45:00	0	33.661	16.5	1849.8
1/21/2016	15:00:00	0	33.741	16.5	1849.8
1/21/2016	15:15:00	0	33.803	16.5	1849.8
1/21/2016	15:30:00	0	33.725	16.5	1849.8
1/21/2016	15:45:00	0	33.71	16.5	1849.8
1/21/2016	16:00:00	0	33.742	16.5	1850.9
1/21/2016	16:15:00	0	33.705	16.5	1849.8
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1/21/2016	18:00:00	0	33.744	16.5	1850.9
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1/21/2016	18:30:00	0	33.697	16.5	1850.9
1/21/2016	18:45:00	0	33.679	16.5	1850.9
1/21/2016	19:00:00	0	33.709	16.5	1850.9
1/21/2016	19:15:00	0	33.707	16.5	1850.9

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1/21/2016	20:00:00	0	33.665	16.5	1850.9
1/21/2016	20:15:00	0	33.686	16.5	1850.9
1/21/2016	20:30:00	0	33.706	16.5	1850.9
1/21/2016	20:45:00	0	33.732	16.5	1850.9
1/21/2016	21:00:00	0	33.723	16.5	1850.9
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1/21/2016	21:30:00	0	33.69	16.5	1852.1
1/21/2016	21:45:00	0	33.675	16.5	1852.1
1/21/2016	22:00:00	0	33.756	16.5	1852.1
1/21/2016	22:15:00	0	33.755	16.5	1852.1
1/21/2016	22:30:00	0	33.64	16.5	1852.1
1/21/2016	22:45:00	0	33.747	16.5	1852.1
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1/21/2016	23:45:00	0	33.737	16.5	1852.1
1/22/2016	0:00:00	0	33.728	16.5	1852.1
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1/22/2016	0:30:00	0	33.768	16.5	1852.1
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1/22/2016	1:00:00	0	33.715	16.5	1852.1
1/22/2016	1:15:00	0	33.712	16.5	1852.1
1/22/2016	1:30:00	0	33.735	16.5	1852.1
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1/22/2016	2:15:00	0	33.704	16.5	1852.1
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1/22/2016	3:45:00	0	33.72	16.5	1852.1
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1/22/2016	4:15:00	0	33.756	16.5	1852.1
1/22/2016	4:30:00	0	33.739	16.5	1852.1
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1/22/2016	7:00:00	0	33.727	16.5	1854.4

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1/22/2016	8:15:00	0	33.689	16.5	1852.1
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1/22/2016	9:00:00	0	33.71	16.5	1852.1
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1/22/2016	9:30:00	0	33.711	16.5	1854.4
1/22/2016	9:45:00	0	33.748	16.5	1854.4
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1/22/2016	10:30:00	0	33.762	16.5	1854.4
1/22/2016	10:45:00	0	33.71	16.5	1854.4
1/22/2016	11:00:00	0	33.712	16.5	1852.1
1/22/2016	11:15:00	0	33.755	16.5	1852.1
1/22/2016	11:30:00	0	33.721	16.5	1854.4
1/22/2016	11:45:00	0	33.732	16.5	1854.4
1/22/2016	12:00:00	0	33.732	16.5	1854.4
1/22/2016	12:15:00	0	33.713	16.5	1854.4
1/22/2016	12:30:00	0	33.77	16.5	1854.4
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1/22/2016	13:00:00	0	33.71	16.5	1854.4
1/22/2016	13:15:00	0	33.755	16.5	1854.4
1/22/2016	13:30:00	0	33.73	16.5	1854.4
1/22/2016	13:45:00	0	33.724	16.5	1854.4
1/22/2016	14:00:00	0	33.714	16.5	1854.4
1/22/2016	14:15:00	0	33.738	16.5	1854.4
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1/22/2016	14:45:00	0	33.684	16.5	1854.4
1/22/2016	15:00:00	0	33.716	16.5	1854.4
1/22/2016	15:15:00	0	33.765	16.5	1854.4
1/22/2016	15:30:00	0	33.725	16.5	1854.4
1/22/2016	15:45:00	0	33.703	16.5	1854.4
1/22/2016	16:00:00	0	33.746	16.5	1854.4
1/22/2016	16:15:00	0	33.714	16.5	1854.4
1/22/2016	16:30:00	0	33.75	16.5	1854.4
1/22/2016	16:45:00	0	33.692	16.5	1854.4
1/22/2016	17:00:00	0	33.712	16.5	1854.4
1/22/2016	17:15:00	0	33.729	16.5	1854.4
1/22/2016	17:30:00	0	33.693	16.5	1854.4
1/22/2016	17:45:00	0	33.745	16.5	1854.4
1/22/2016	18:00:00	0	33.706	16.5	1854.4
1/22/2016	18:15:00	0	33.718	16.5	1854.4
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1/22/2016	19:45:00	0	33.715	16.5	1854.4
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1/22/2016	20:30:00	0	33.734	16.5	1854.4
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1/22/2016	22:30:00	0	33.707	16.5	1854.4
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1/22/2016	23:30:00	0	33.688	16.5	1855.6
1/22/2016	23:45:00	0	33.727	16.5	1855.6
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1/23/2016	0:15:00	0	33.666	16.5	1854.4
1/23/2016	0:30:00	0	33.749	16.5	1855.6
1/23/2016	0:45:00	0	33.67	16.5	1854.4
1/23/2016	1:00:00	0	33.719	16.5	1854.4
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1/23/2016	3:00:00	0	33.759	16.5	1855.6
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1/23/2016	3:30:00	0	33.747	16.5	1855.6
1/23/2016	3:45:00	0	33.73	16.5	1855.6
1/23/2016	4:00:00	0	33.789	16.5	1855.6
1/23/2016	4:15:00	0	33.725	16.5	1855.6
1/23/2016	4:30:00	0	33.765	16.5	1855.6
1/23/2016	4:45:00	0	33.723	16.5	1855.6
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1/23/2016	6:15:00	0	33.741	16.5	1855.6
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1/23/2016	8:00:00	0	33.74	16.5	1855.6
1/23/2016	8:15:00	0	33.734	16.5	1855.6
1/23/2016	8:30:00	0	33.766	16.5	1855.6
1/23/2016	8:45:00	0	33.704	16.5	1855.6
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1/23/2016	11:45:00	0	33.708	16.5	1855.6
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1/23/2016	13:00:00	0	33.737	16.5	1855.6
1/23/2016	13:15:00	0	33.719	16.5	1855.6
1/23/2016	13:30:00	0	33.76	16.5	1855.6
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1/23/2016	14:30:00	0	33.797	16.5	1855.6
1/23/2016	14:45:00	0	33.694	16.5	1855.6
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1/23/2016	15:15:00	0	33.727	16.5	1855.6
1/23/2016	15:30:00	0	33.726	16.5	1855.6
1/23/2016	15:45:00	0	33.741	16.5	1855.6
1/23/2016	16:00:00	0	33.722	16.5	1856.8
1/23/2016	16:15:00	0	33.718	16.5	1855.6
1/23/2016	16:30:00	0	33.734	16.5	1856.8
1/23/2016	16:45:00	0	33.789	16.5	1855.6
1/23/2016	17:00:00	0	33.747	16.5	1855.6
1/23/2016	17:15:00	0	33.744	16.5	1856.8
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1/23/2016	17:45:00	0	33.78	16.5	1855.6
1/23/2016	18:00:00	0	33.738	16.5	1855.6
1/23/2016	18:15:00	0	33.794	16.5	1856.8

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1/23/2016	19:15:00	0	33.767	16.5	1855.6
1/23/2016	19:30:00	0	33.803	16.5	1855.6
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1/23/2016	20:00:00	0	33.747	16.5	1856.8
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1/23/2016	20:30:00	0	33.76	16.5	1856.8
1/23/2016	20:45:00	0	33.756	16.5	1856.8
1/23/2016	21:00:00	0	33.715	16.5	1855.6
1/23/2016	21:15:00	0	33.732	16.5	1855.6
1/23/2016	21:30:00	0	33.748	16.5	1856.8
1/23/2016	21:45:00	0	33.734	16.5	1856.8
1/23/2016	22:00:00	0	33.768	16.5	1856.8
1/23/2016	22:15:00	0	33.79	16.5	1856.8
1/23/2016	22:30:00	0	33.728	16.5	1856.8
1/23/2016	22:45:00	0	33.746	16.5	1855.6
1/23/2016	23:00:00	0	33.765	16.5	1856.8
1/23/2016	23:15:00	0	33.799	16.5	1855.6
1/23/2016	23:30:00	0	33.76	16.5	1856.8
1/23/2016	23:45:00	0	33.783	16.5	1855.6
1/24/2016	0:00:00	0	33.786	16.5	1855.6
1/24/2016	0:15:00	0	33.751	16.5	1856.8
1/24/2016	0:30:00	0	33.729	16.5	1855.6
1/24/2016	0:45:00	0	33.812	16.5	1855.6
1/24/2016	1:00:00	0	33.75	16.5	1855.6
1/24/2016	1:15:00	0	33.769	16.5	1856.8
1/24/2016	1:30:00	0	33.789	16.5	1856.8
1/24/2016	1:45:00	0	33.767	16.5	1856.8
1/24/2016	2:00:00	0	33.723	16.5	1855.6
1/24/2016	2:15:00	0	33.795	16.5	1856.8
1/24/2016	2:30:00	0	33.775	16.5	1855.6
1/24/2016	2:45:00	0	33.754	16.5	1855.6
1/24/2016	3:00:00	0	33.751	16.5	1855.6
1/24/2016	3:15:00	0	33.776	16.5	1856.8
1/24/2016	3:30:00	0	33.753	16.5	1855.6
1/24/2016	3:45:00	0	33.756	16.5	1855.6
1/24/2016	4:00:00	0	33.736	16.5	1855.6
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1/24/2016	5:00:00	0	33.779	16.5	1856.8
1/24/2016	5:15:00	0	33.757	16.5	1856.8
1/24/2016	5:30:00	0	33.753	16.5	1856.8
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1/24/2016	6:00:00	0	33.76	16.5	1855.6

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1/24/2016	6:45:00	0	33.755	16.5	1856.8
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1/24/2016	7:30:00	0	33.824	16.5	1855.6
1/24/2016	7:45:00	0	33.782	16.5	1855.6
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1/24/2016	8:15:00	0	33.777	16.5	1855.6
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1/24/2016	9:30:00	0	33.748	16.5	1856.8
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1/24/2016	10:00:00	0	33.747	16.5	1855.6
1/24/2016	10:15:00	0	33.765	16.5	1855.6
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1/24/2016	10:45:00	0	33.731	16.5	1856.8
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1/24/2016	11:15:00	0	33.744	16.5	1856.8
1/24/2016	11:30:00	0	33.794	16.5	1856.8
1/24/2016	11:45:00	0	33.786	16.5	1856.8
1/24/2016	12:00:00	0	33.78	16.5	1855.6
1/24/2016	12:15:00	0	33.804	16.5	1856.8
1/24/2016	12:30:00	0	33.776	16.5	1855.6
1/24/2016	12:45:00	0	33.837	16.5	1855.6
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1/24/2016	13:30:00	0	33.784	16.5	1856.8
1/24/2016	13:45:00	0	33.772	16.5	1855.6
1/24/2016	14:00:00	0	33.775	16.5	1855.6
1/24/2016	14:15:00	0	33.801	16.5	1856.8
1/24/2016	14:30:00	0	33.762	16.5	1855.6
1/24/2016	14:45:00	0	33.758	16.5	1855.6
1/24/2016	15:00:00	0	33.774	16.5	1855.6
1/24/2016	15:15:00	0	33.748	16.5	1855.6
1/24/2016	15:30:00	0	33.772	16.5	1855.6
1/24/2016	15:45:00	0	33.788	16.5	1856.8
1/24/2016	16:00:00	0	33.745	16.5	1855.6
1/24/2016	16:15:00	0	33.785	16.5	1856.8
1/24/2016	16:30:00	0	33.735	16.5	1856.8
1/24/2016	16:45:00	0	33.756	16.5	1856.8
1/24/2016	17:00:00	0	33.76	16.5	1856.8
1/24/2016	17:15:00	0	33.765	16.5	1856.8
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1/24/2016	18:15:00	0	33.738	16.5	1856.8
1/24/2016	18:30:00	0	33.757	16.5	1856.8
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1/24/2016	19:00:00	0	33.782	16.5	1856.8
1/24/2016	19:15:00	0	33.806	16.5	1856.8
1/24/2016	19:30:00	0	33.789	16.5	1856.8
1/24/2016	19:45:00	0	33.746	16.5	1856.8
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1/24/2016	20:15:00	0	33.773	16.5	1856.8
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1/24/2016	21:00:00	0	33.786	16.5	1856.8
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1/24/2016	21:30:00	0	33.764	16.5	1858
1/24/2016	21:45:00	0	33.768	16.5	1858
1/24/2016	22:00:00	0	33.725	16.5	1858
1/24/2016	22:15:00	0	33.725	16.5	1856.8
1/24/2016	22:30:00	0	33.738	16.5	1858
1/24/2016	22:45:00	0	33.772	16.5	1858
1/24/2016	23:00:00	0	33.792	16.5	1858
1/24/2016	23:15:00	0	33.836	16.5	1858
1/24/2016	23:30:00	0	33.757	16.5	1858
1/24/2016	23:45:00	0	33.776	16.5	1858
1/25/2016	0:00:00	0	33.773	16.5	1858
1/25/2016	0:15:00	0	33.773	16.5	1858
1/25/2016	0:30:00	0	33.813	16.5	1858
1/25/2016	0:45:00	0	33.799	16.5	1858
1/25/2016	1:00:00	0	33.781	16.5	1858
1/25/2016	1:15:00	0	33.803	16.5	1858
1/25/2016	1:30:00	0	33.803	16.5	1858
1/25/2016	1:45:00	0	33.806	16.5	1858
1/25/2016	2:00:00	0	33.787	16.5	1858
1/25/2016	2:15:00	0	33.825	16.5	1858
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1/25/2016	2:45:00	0	33.772	16.5	1858
1/25/2016	3:00:00	0	33.815	16.5	1858
1/25/2016	3:15:00	0	33.783	16.5	1858
1/25/2016	3:30:00	0	33.766	16.5	1858
1/25/2016	3:45:00	0	33.804	16.5	1858
1/25/2016	4:00:00	0	33.743	16.5	1858
1/25/2016	4:15:00	0	33.803	16.5	1858
1/25/2016	4:30:00	0	33.804	16.5	1858
1/25/2016	4:45:00	0	33.783	16.5	1860.3
1/25/2016	5:00:00	0	33.826	16.5	1860.3
1/25/2016	5:15:00	0	33.792	16.5	1860.3
1/25/2016	5:30:00	0	33.769	16.5	1860.3

1/25/2016	5:45:00	0	33.825	16.5	1860.3
1/25/2016	6:00:00	0	33.802	16.5	1860.3
1/25/2016	6:15:00	0	33.801	16.5	1860.3
1/25/2016	6:30:00	0	33.847	16.5	1860.3
1/25/2016	6:45:00	0	33.789	16.5	1860.3
1/25/2016	7:00:00	0	33.82	16.5	1860.3
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1/25/2016	7:30:00	0	33.802	16.5	1860.3
1/25/2016	7:45:00	0	33.776	16.5	1860.3
1/25/2016	8:00:00	0	33.809	16.5	1860.3
1/25/2016	8:15:00	0	33.742	16.5	1860.3
1/25/2016	8:30:00	0	33.775	16.5	1860.3
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1/25/2016	9:00:00	0	33.824	16.5	1860.3
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1/25/2016	10:00:00	0	33.8	16.5	1861.5
1/25/2016	10:15:00	0	33.783	16.5	1860.3
1/25/2016	10:30:00	0	33.765	16.5	1860.3
1/25/2016	10:45:00	0	33.78	16.5	1860.3
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1/25/2016	11:30:00	0	33.767	16.5	1860.3
1/25/2016	11:45:00	0	33.811	16.5	1860.3
1/25/2016	12:00:00	0	33.76	16.5	1861.5
1/25/2016	12:15:00	0	33.785	16.5	1860.3
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1/25/2016	13:00:00	0	33.749	16.5	1861.5
1/25/2016	13:15:00	0	33.794	16.5	1861.5
1/25/2016	13:30:00	0	33.801	16.5	1861.5
1/25/2016	13:45:00	0	33.789	16.5	1861.5
1/25/2016	14:00:00	0	33.736	16.5	1860.3
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1/25/2016	15:00:00	0	33.793	16.5	1861.5
1/25/2016	15:15:00	0	33.753	16.5	1861.5
1/25/2016	15:30:00	0	33.749	16.5	1861.5
1/25/2016	15:45:00	0	33.746	16.5	1861.5
1/25/2016	16:00:00	0	33.682	16.5	1861.5
1/25/2016	16:15:00	0	33.762	16.5	1861.5
1/25/2016	16:30:00	0	33.776	16.5	1861.5
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1/25/2016	17:45:00	0	33.788	16.5	1861.5
1/25/2016	18:00:00	0	33.766	16.5	1861.5
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1/25/2016	20:15:00	0	33.77	16.5	1861.5
1/25/2016	20:30:00	0	33.753	16.5	1861.5
1/25/2016	20:45:00	0	33.794	16.5	1861.5
1/25/2016	21:00:00	0	33.774	16.5	1861.5
1/25/2016	21:15:00	0	33.772	16.5	1861.5
1/25/2016	21:30:00	0	33.725	16.5	1862.6
1/25/2016	21:45:00	0	33.763	16.5	1861.5
1/25/2016	22:00:00	0	33.782	16.5	1861.5
1/25/2016	22:15:00	0	33.722	16.5	1861.5
1/25/2016	22:30:00	0	33.776	16.5	1861.5
1/25/2016	22:45:00	0	33.739	16.5	1861.5
1/25/2016	23:00:00	0	33.797	16.5	1861.5
1/25/2016	23:15:00	0	33.74	16.5	1861.5
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1/26/2016	1:00:00	0	33.748	16.5	1861.5
1/26/2016	1:15:00	0	33.783	16.5	1861.5
1/26/2016	1:30:00	0	33.815	16.5	1861.5
1/26/2016	1:45:00	0	33.769	16.5	1861.5
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1/26/2016	2:15:00	0	33.745	16.5	1861.5
1/26/2016	2:30:00	0	33.753	16.5	1861.5
1/26/2016	2:45:00	0	33.789	16.5	1861.5
1/26/2016	3:00:00	0	33.769	16.5	1861.5
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1/26/2016	3:30:00	0	33.773	16.5	1861.5
1/26/2016	3:45:00	0	33.799	16.5	1861.5
1/26/2016	4:00:00	0	33.818	16.5	1861.5
1/26/2016	4:15:00	0	33.72	16.5	1861.5
1/26/2016	4:30:00	0	33.737	16.5	1861.5
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1/26/2016	5:00:00	0	33.754	16.5	1861.5

1/26/2016	5:15:00	0	33.789	16.5	1861.5
1/26/2016	5:30:00	0	33.811	16.5	1861.5
1/26/2016	5:45:00	0	33.774	16.5	1862.6
1/26/2016	6:00:00	0	33.796	16.5	1861.5
1/26/2016	6:15:00	0	33.775	16.5	1861.5
1/26/2016	6:30:00	0	33.773	16.5	1861.5
1/26/2016	6:45:00	0	33.751	16.5	1862.6
1/26/2016	7:00:00	0	33.724	16.5	1862.6
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1/26/2016	7:30:00	0	33.711	16.5	1862.6
1/26/2016	7:45:00	0	33.757	16.5	1861.5
1/26/2016	8:00:00	0	33.71	16.5	1862.6
1/26/2016	8:15:00	0	33.722	16.5	1862.6
1/26/2016	8:30:00	0	33.759	16.5	1862.6
1/26/2016	8:45:00	0	33.764	16.5	1862.6
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1/26/2016	10:30:00	0	33.76	16.5	1861.5
1/26/2016	10:45:00	0	33.721	16.5	1862.6
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1/26/2016	13:00:00	0	33.765	16.5	1862.6
1/26/2016	13:15:00	0	33.752	16.5	1862.6
1/26/2016	13:30:00	0	33.756	16.5	1862.6
1/26/2016	13:45:00	0	33.74	16.5	1862.6
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1/26/2016	14:15:00	0	33.744	16.5	1862.6
1/26/2016	14:30:00	0	33.825	16.5	1862.6
1/26/2016	14:45:00	0	33.766	16.5	1862.6
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1/26/2016	15:15:00	0	33.707	16.5	1862.6
1/26/2016	15:30:00	0	33.75	16.5	1862.6
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1/26/2016	16:30:00	0	33.721	16.5	1862.6
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1/26/2016	17:15:00	0	33.74	16.5	1862.6
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1/26/2016	17:45:00	0	33.755	16.5	1862.6
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1/26/2016	18:30:00	0	33.796	16.5	1862.6
1/26/2016	18:45:00	0	33.769	16.5	1862.6
1/26/2016	19:00:00	0	33.708	16.5	1862.6
1/26/2016	19:15:00	0	33.76	16.5	1862.6
1/26/2016	19:30:00	0	33.779	16.5	1862.6
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1/26/2016	20:00:00	0	33.775	16.5	1862.6
1/26/2016	20:15:00	0	33.695	16.5	1862.6
1/26/2016	20:30:00	0	33.758	16.5	1862.6
1/26/2016	20:45:00	0	33.69	16.5	1862.6
1/26/2016	21:00:00	0	33.786	16.5	1862.6
1/26/2016	21:15:00	0	33.725	16.5	1862.6
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1/26/2016	22:15:00	0	33.73	16.5	1862.6
1/26/2016	22:30:00	0	33.784	16.5	1862.6
1/26/2016	22:45:00	0	33.74	16.5	1863.8
1/26/2016	23:00:00	0	33.745	16.5	1862.6
1/26/2016	23:15:00	0	33.779	16.5	1862.6
1/26/2016	23:30:00	0	33.764	16.5	1862.6
1/26/2016	23:45:00	0	33.76	16.5	1862.6
1/27/2016	0:00:00	0	33.78	16.5	1862.6
1/27/2016	0:15:00	0	33.744	16.5	1862.6
1/27/2016	0:30:00	0	33.685	16.5	1862.6
1/27/2016	0:45:00	0	33.762	16.5	1863.8
1/27/2016	1:00:00	0	33.705	16.5	1862.6
1/27/2016	1:15:00	0	33.728	16.5	1863.8
1/27/2016	1:30:00	0	33.869	16.5	1863.8
1/27/2016	1:45:00	0	33.776	16.5	1862.6
1/27/2016	2:00:00	0	33.755	16.5	1862.6
1/27/2016	2:15:00	0	33.797	16.5	1862.6
1/27/2016	2:30:00	0	33.74	16.5	1862.6
1/27/2016	2:45:00	0	33.778	16.5	1862.6
1/27/2016	3:00:00	0	33.76	16.5	1862.6
1/27/2016	3:15:00	0	33.747	16.5	1863.8
1/27/2016	3:30:00	0	33.763	16.5	1863.8
1/27/2016	3:45:00	0	33.79	16.5	1862.6
1/27/2016	4:00:00	0	33.771	16.5	1862.6
1/27/2016	4:15:00	0	33.784	16.5	1863.8
1/27/2016	4:30:00	0	33.775	16.5	1863.8

1/27/2016	4:45:00	0	33.747	16.5	1863.8
1/27/2016	5:00:00	0	33.794	16.5	1862.6
1/27/2016	5:15:00	0	33.804	16.5	1862.6
1/27/2016	5:30:00	0	33.79	16.5	1863.8
1/27/2016	5:45:00	0	33.726	16.5	1863.8
1/27/2016	6:00:00	0	33.744	16.5	1863.8
1/27/2016	6:15:00	0	33.801	16.5	1863.8
1/27/2016	6:30:00	0	33.799	16.5	1863.8
1/27/2016	6:45:00	0	33.783	16.5	1862.6
1/27/2016	7:00:00	0	33.701	16.5	1863.8
1/27/2016	7:15:00	0	33.738	16.5	1863.8
1/27/2016	7:30:00	0	33.752	16.5	1863.8
1/27/2016	7:45:00	0	33.709	16.5	1863.8
1/27/2016	8:00:00	0	33.731	16.5	1862.6
1/27/2016	8:15:00	0	33.746	16.5	1862.6
1/27/2016	8:30:00	0	33.761	16.5	1863.8
1/27/2016	8:45:00	0	33.716	16.5	1862.6
1/27/2016	9:00:00	0	33.714	16.5	1862.6
1/27/2016	9:15:00	0	33.787	16.5	1863.8
1/27/2016	9:30:00	0	33.705	16.5	1863.8
1/27/2016	9:45:00	0	33.777	16.5	1863.8
1/27/2016	10:00:00	0	33.716	16.5	1863.8
1/27/2016	10:15:00	0	33.736	16.5	1863.8
1/27/2016	10:30:00	0	33.735	16.5	1862.6
1/27/2016	10:45:00	0	33.758	16.5	1863.8
1/27/2016	11:00:00	0	33.819	16.5	1863.8
1/27/2016	11:15:00	0	33.726	16.5	1863.8
1/27/2016	11:30:00	0	33.777	16.5	1863.8
1/27/2016	11:45:00	0	33.697	16.5	1863.8
1/27/2016	12:00:00	0	33.704	16.5	1862.6
1/27/2016	12:15:00	0	33.755	16.5	1863.8
1/27/2016	12:30:00	0	33.745	16.5	1862.6
1/27/2016	12:45:00	0	33.75	16.5	1862.6
1/27/2016	13:00:00	0	33.737	16.5	1863.8
1/27/2016	13:15:00	0	33.737	16.5	1863.8
1/27/2016	13:30:00	0	33.775	16.5	1862.6
1/27/2016	13:45:00	0	33.729	16.5	1863.8
1/27/2016	14:00:00	0	33.77	16.5	1863.8
1/27/2016	14:15:00	0	33.712	16.5	1863.8
1/27/2016	14:30:00	0	33.673	16.5	1863.8
1/27/2016	14:45:00	0	33.794	16.5	1863.8
1/27/2016	15:00:00	0	33.717	16.5	1863.8
1/27/2016	15:15:00	0	33.759	16.5	1863.8
1/27/2016	15:30:00	0	33.784	16.5	1863.8
1/27/2016	15:45:00	0	33.728	16.5	1863.8
1/27/2016	16:00:00	0	33.707	16.5	1862.6
1/27/2016	16:15:00	0	33.706	16.5	1863.8

1/27/2016	16:30:00	0	33.745	16.5	1863.8
1/27/2016	16:45:00	0	33.74	16.5	1863.8
1/27/2016	17:00:00	0	33.719	16.5	1863.8
1/27/2016	17:15:00	0	33.734	16.5	1862.6
1/27/2016	17:30:00	0	33.757	16.5	1862.6
1/27/2016	17:45:00	0	33.719	16.5	1863.8
1/27/2016	18:00:00	0	33.733	16.5	1863.8
1/27/2016	18:15:00	0	33.766	16.5	1863.8
1/27/2016	18:30:00	0	33.706	16.5	1863.8
1/27/2016	18:45:00	0	33.759	16.5	1863.8
1/27/2016	19:00:00	0	33.72	16.5	1863.8
1/27/2016	19:15:00	0	33.716	16.5	1863.8
1/27/2016	19:30:00	0	33.757	16.5	1863.8
1/27/2016	19:45:00	0	33.656	16.5	1863.8
1/27/2016	20:00:00	0	33.712	16.5	1863.8
1/27/2016	20:15:00	0	33.695	16.5	1863.8
1/27/2016	20:30:00	0	33.732	16.5	1863.8
1/27/2016	20:45:00	0	33.77	16.5	1863.8
1/27/2016	21:00:00	0	33.755	16.5	1863.8
1/27/2016	21:15:00	0	33.668	16.5	1863.8
1/27/2016	21:30:00	0	33.805	16.5	1863.8
1/27/2016	21:45:00	0	33.764	16.5	1863.8
1/27/2016	22:00:00	0	33.739	16.5	1863.8
1/27/2016	22:15:00	0	33.738	16.5	1863.8
1/27/2016	22:30:00	0	33.754	16.5	1863.8
1/27/2016	22:45:00	0	33.755	16.5	1863.8
1/27/2016	23:00:00	0	33.718	16.5	1863.8
1/27/2016	23:15:00	0	33.778	16.5	1863.8
1/27/2016	23:30:00	0	33.723	16.5	1863.8
1/27/2016	23:45:00	0	33.747	16.5	1863.8

Report Date: 2/1/2016 10:39:40 AM
Report User Name: KMakar
Report Computer Name: WKST46
Application: WinSitu.exe
Application Version: 5.6.25.0

Log File Properties:
File Name: MPWSP MW-7D LT Test_2016-01-28_10-03-48-602-BaroMerge.wsl
Create Date: 2/1/2016 10:37:01 AM

Device Properties:
Device: Level TROLL 700
Site: MPWSP MW-7D
Device Name:
Serial Number: 428407
Firmware Version: 3.03
Hardware Version: 5
Device Address: 1
Device Comm Cfg: 19200,8,Even,1,(Modbus-RTU)
Used Memory(%): 6
Used Battery(%): 1

Log Configuration
Log Name: MPWSP MW-7D LT Test
Created By: KMakar
Computer Name: PROBOOK10
Application: WinSitu.exe
Application Version: 5.6.25.0
Create Date: 1/21/2016 2:26:30 PM Pacific Standard Time
Log Setup Time Zone: Pacific Standard Time
Notes Size(bytes): 4096
Overwrite when full: Enabled
Scheduled Start Time: 1/21/2016 2:30:00 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: 1.012

Other Log Settings
Depth of Probe: 33.6057 (ft)
Head Pressure: 14.7438 (PSI)
Temperature: 24.6522 (C)

Log Notes:

Date and Time	Note
1/21/2016 2:25:43 PM	Used Battery: 1% Used Memory: 9% User Name: KMakar
1/28/2016 10:02:31 AM	Log Download - Used Battery: 1% Used Memory: 9% User Name: KMakar
2/1/2016 10:37:01 AM	User Note: "Pressure & Level adjusted by baro data from: "MPWSP BaroTroll Pre Test_2016-01-28_14-47-48-317.wsl""

Log Data:
Record Count: 655
Sensors: 2
1 - 428407: Pressure/Temp 100 PSIA (60.1m/197.3ft)
2 - 0: Baro-Adjustment Calc
Time Zone: Pacific Standard Time

Date and Time	Elapsed Time Seconds	Sensor: Pres(A) 197.3ft SN#: 428407 Corrected Pressure (PSI)	Sensor: Pres(A) 197.3ft SN#: 428407 Corrected Temperature (C)	Sensor: Pres(A) 197.3ft SN#: 428407 Depth (ft)	Sensor: Baro-Adj Calc SN#: 000000 Barometric Pressure (PSI)
1/21/2016 2:30:00 PM	0.000	0.017	24.270	0.039	14.768
1/21/2016 2:45:00 PM	900.000	45.042	17.677	102.665	14.763
1/21/2016 3:00:00 PM	1800.000	45.036	17.570	102.652	14.765
1/21/2016 3:15:00 PM	2700.000	45.001	17.565	102.571	14.770
1/21/2016 3:30:00 PM	3600.000	45.014	17.584	102.601	14.760
1/21/2016 3:45:00 PM	4500.000	45.003	17.565	102.576	14.765
1/21/2016 4:00:00 PM	5400.000	45.002	17.563	102.574	14.757
1/21/2016 4:15:00 PM	6300.000	44.989	17.564	102.543	14.761
1/21/2016 4:30:00 PM	7200.000	44.987	17.557	102.540	14.751
1/21/2016 4:45:00 PM	8100.000	44.962	17.562	102.483	14.751
1/21/2016 5:00:00 PM	9000.000	44.964	17.558	102.487	14.748
1/21/2016 5:15:00 PM	9900.000	44.964	17.560	102.487	14.750
1/21/2016 5:30:00 PM	10800.000	44.951	17.537	102.457	14.746

1/21/2016 5:45:00 PM	11700.000	44.942	17.547	102.437	14.751
1/21/2016 6:00:00 PM	12600.000	44.967	17.548	102.494	14.747
1/21/2016 6:15:00 PM	13500.000	44.951	17.558	102.456	14.752
1/21/2016 6:30:00 PM	14400.000	44.947	17.547	102.447	14.753
1/21/2016 6:45:00 PM	15300.000	44.950	17.570	102.454	14.752
1/21/2016 7:00:00 PM	16200.000	44.958	17.554	102.472	14.755
1/21/2016 7:15:00 PM	17100.000	44.955	17.554	102.466	14.760
1/21/2016 7:30:00 PM	18000.000	44.956	17.575	102.469	14.758
1/21/2016 7:45:00 PM	18900.000	44.959	17.561	102.475	14.758
1/21/2016 8:00:00 PM	19800.000	44.980	17.564	102.523	14.766
1/21/2016 8:15:00 PM	20700.000	44.966	17.540	102.491	14.766
1/21/2016 8:30:00 PM	21600.000	44.973	17.560	102.508	14.767
1/21/2016 8:45:00 PM	22500.000	44.973	17.552	102.508	14.763
1/21/2016 9:00:00 PM	23400.000	44.976	17.557	102.515	14.760
1/21/2016 9:15:00 PM	24300.000	44.982	17.568	102.529	14.763
1/21/2016 9:30:00 PM	25200.000	44.989	17.544	102.543	14.773
1/21/2016 9:45:00 PM	26100.000	45.012	17.553	102.597	14.768
1/21/2016 10:00:00 PM	27000.000	45.003	17.545	102.576	14.772
1/21/2016 10:15:00 PM	27900.000	45.014	17.559	102.601	14.770
1/21/2016 10:30:00 PM	28800.000	45.017	17.570	102.607	14.767
1/21/2016 10:45:00 PM	29700.000	45.023	17.565	102.622	14.769
1/21/2016 11:00:00 PM	30600.000	45.033	17.560	102.644	14.765
1/21/2016 11:15:00 PM	31500.000	45.030	17.558	102.637	14.769
1/21/2016 11:30:00 PM	32400.000	45.031	17.545	102.639	14.766
1/21/2016 11:45:00 PM	33300.000	45.036	17.552	102.650	14.769
1/22/2016 12:00:00 AM	34200.000	45.041	17.545	102.663	14.768
1/22/2016 12:15:00 AM	35100.000	45.039	17.574	102.658	14.765

1/22/2016 12:30:00 AM	36000.000	45.039	17.547	102.659	14.766
1/22/2016 12:45:00 AM	36900.000	45.035	17.554	102.648	14.774
1/22/2016 1:00:00 AM	37800.000	45.046	17.545	102.674	14.772
1/22/2016 1:15:00 AM	38700.000	45.044	17.554	102.669	14.777
1/22/2016 1:30:00 AM	39600.000	45.027	17.550	102.631	14.778
1/22/2016 1:45:00 AM	40500.000	45.033	17.556	102.645	14.773
1/22/2016 2:00:00 AM	41400.000	45.031	17.561	102.640	14.763
1/22/2016 2:15:00 AM	42300.000	45.068	17.553	102.724	14.745
1/22/2016 2:30:00 AM	43200.000	45.056	17.542	102.697	14.753
1/22/2016 2:45:00 AM	44100.000	45.054	17.566	102.691	14.741
1/22/2016 3:00:00 AM	45000.000	45.043	17.556	102.667	14.747
1/22/2016 3:15:00 AM	45900.000	45.058	17.543	102.701	14.741
1/22/2016 3:30:00 AM	46800.000	45.051	17.548	102.685	14.746
1/22/2016 3:45:00 AM	47700.000	45.063	17.550	102.712	14.743
1/22/2016 4:00:00 AM	48600.000	45.051	17.551	102.684	14.747
1/22/2016 4:15:00 AM	49500.000	45.062	17.555	102.710	14.747
1/22/2016 4:30:00 AM	50400.000	45.056	17.537	102.696	14.748
1/22/2016 4:45:00 AM	51300.000	45.045	17.570	102.671	14.738
1/22/2016 5:00:00 AM	52200.000	45.064	17.552	102.714	14.741
1/22/2016 5:15:00 AM	53100.000	45.077	17.554	102.744	14.740
1/22/2016 5:30:00 AM	54000.000	45.066	17.567	102.720	14.742
1/22/2016 5:45:00 AM	54900.000	45.084	17.566	102.761	14.744
1/22/2016 6:00:00 AM	55800.000	45.083	17.550	102.758	14.746
1/22/2016 6:15:00 AM	56700.000	45.084	17.595	102.761	14.746
1/22/2016 6:30:00 AM	57600.000	45.093	17.546	102.780	14.748
1/22/2016 6:45:00 AM	58500.000	45.106	17.565	102.812	14.747
1/22/2016 7:00:00 AM	59400.000	45.126	17.551	102.855	14.747

1/22/2016 7:15:00 AM	60300.000	45.101	17.555	102.799
14.752				
1/22/2016 7:30:00 AM	61200.000	45.125	17.537	102.854
14.750				
1/22/2016 7:45:00 AM	62100.000	45.139	17.570	102.886
14.755				
1/22/2016 8:00:00 AM	63000.000	45.141	17.555	102.890
14.758				
1/22/2016 8:15:00 AM	63900.000	45.152	17.559	102.915
14.759				
1/22/2016 8:30:00 AM	64800.000	45.150	17.554	102.911
14.759				
1/22/2016 8:45:00 AM	65700.000	45.163	17.545	102.940
14.755				
1/22/2016 9:00:00 AM	66600.000	45.182	17.569	102.985
14.751				
1/22/2016 9:15:00 AM	67500.000	45.181	17.540	102.981
14.761				
1/22/2016 9:30:00 AM	68400.000	45.193	17.569	103.008
14.755				
1/22/2016 9:45:00 AM	69300.000	45.196	17.562	103.015
14.762				
1/22/2016 10:00:00 AM	70200.000	45.195	17.546	103.012
14.759				
1/22/2016 10:15:00 AM	71100.000	45.204	17.545	103.034
14.756				
1/22/2016 10:30:00 AM	72000.000	45.221	17.555	103.072
14.748				
1/22/2016 10:45:00 AM	72900.000	45.204	17.560	103.034
14.746				
1/22/2016 11:00:00 AM	73800.000	45.218	17.563	103.066
14.749				
1/22/2016 11:15:00 AM	74700.000	45.213	17.559	103.053
14.756				
1/22/2016 11:30:00 AM	75600.000	45.204	17.564	103.033
14.745				
1/22/2016 11:45:00 AM	76500.000	45.222	17.556	103.075
14.739				
1/22/2016 12:00:00 PM	77400.000	45.206	17.555	103.038
14.736				
1/22/2016 12:15:00 PM	78300.000	45.201	17.550	103.027
14.736				
1/22/2016 12:30:00 PM	79200.000	45.196	17.554	103.015
14.736				
1/22/2016 12:45:00 PM	80100.000	45.192	17.557	103.006
14.718				
1/22/2016 1:00:00 PM	81000.000	45.188	17.547	102.998
14.731				
1/22/2016 1:15:00 PM	81900.000	45.179	17.581	102.978
14.732				
1/22/2016 1:30:00 PM	82800.000	45.182	17.564	102.983
14.717				
1/22/2016 1:45:00 PM	83700.000	45.159	17.559	102.932
14.716				

1/22/2016 2:00:00 PM	84600.000	45.155	17.556	102.922
14.715				
1/22/2016 2:15:00 PM	85500.000	45.155	17.576	102.923
14.722				
1/22/2016 2:30:00 PM	86400.000	45.130	17.542	102.865
14.720				
1/22/2016 2:45:00 PM	87300.000	45.129	17.554	102.863
14.715				
1/22/2016 3:00:00 PM	88200.000	45.119	17.565	102.841
14.716				
1/22/2016 3:15:00 PM	89100.000	45.108	17.560	102.814
14.714				
1/22/2016 3:30:00 PM	90000.000	45.106	17.548	102.811
14.713				
1/22/2016 3:45:00 PM	90900.000	45.080	17.561	102.751
14.714				
1/22/2016 4:00:00 PM	91800.000	45.066	17.543	102.720
14.723				
1/22/2016 4:15:00 PM	92700.000	45.050	17.549	102.683
14.720				
1/22/2016 4:30:00 PM	93600.000	45.059	17.566	102.703
14.714				
1/22/2016 4:45:00 PM	94500.000	45.032	17.559	102.641
14.723				
1/22/2016 5:00:00 PM	95400.000	45.050	17.551	102.682
14.719				
1/22/2016 5:15:00 PM	96300.000	45.024	17.535	102.624
14.722				
1/22/2016 5:30:00 PM	97200.000	45.029	17.554	102.635
14.719				
1/22/2016 5:45:00 PM	98100.000	45.012	17.547	102.597
14.727				
1/22/2016 6:00:00 PM	99000.000	45.022	17.543	102.619
14.720				
1/22/2016 6:15:00 PM	99900.000	45.009	17.553	102.590
14.727				
1/22/2016 6:30:00 PM	100800.000	45.011	17.568	102.595
14.728				
1/22/2016 6:45:00 PM	101700.000	45.016	17.542	102.604
14.725				
1/22/2016 7:00:00 PM	102600.000	45.018	17.559	102.609
14.726				
1/22/2016 7:15:00 PM	103500.000	45.010	17.562	102.591
14.731				
1/22/2016 7:30:00 PM	104400.000	45.012	17.560	102.596
14.733				
1/22/2016 7:45:00 PM	105300.000	45.008	17.541	102.587
14.733				
1/22/2016 8:00:00 PM	106200.000	45.009	17.542	102.590
14.741				
1/22/2016 8:15:00 PM	107100.000	45.023	17.568	102.622
14.734				
1/22/2016 8:30:00 PM	108000.000	45.000	17.561	102.569
14.736				

1/22/2016 8:45:00 PM	108900.000	45.020	17.564	102.615	14.739
1/22/2016 9:00:00 PM	109800.000	45.019	17.549	102.612	14.736
1/22/2016 9:15:00 PM	110700.000	45.039	17.558	102.657	14.737
1/22/2016 9:30:00 PM	111600.000	45.040	17.551	102.660	14.744
1/22/2016 9:45:00 PM	112500.000	45.048	17.549	102.679	14.737
1/22/2016 10:00:00 PM	113400.000	45.037	17.554	102.654	14.737
1/22/2016 10:15:00 PM	114300.000	45.054	17.549	102.693	14.744
1/22/2016 10:30:00 PM	115200.000	45.048	17.559	102.677	14.743
1/22/2016 10:45:00 PM	116100.000	45.077	17.565	102.744	14.740
1/22/2016 11:00:00 PM	117000.000	45.057	17.530	102.700	14.749
1/22/2016 11:15:00 PM	117900.000	45.086	17.557	102.766	14.738
1/22/2016 11:30:00 PM	118800.000	45.076	17.545	102.743	14.746
1/22/2016 11:45:00 PM	119700.000	45.100	17.559	102.796	14.742
1/23/2016 12:00:00 AM	120600.000	45.096	17.554	102.787	14.743
1/23/2016 12:15:00 AM	121500.000	45.107	17.548	102.814	14.742
1/23/2016 12:30:00 AM	122400.000	45.108	17.565	102.815	14.738
1/23/2016 12:45:00 AM	123300.000	45.110	17.546	102.819	14.739
1/23/2016 1:00:00 AM	124200.000	45.113	17.565	102.827	14.743
1/23/2016 1:15:00 AM	125100.000	45.116	17.542	102.832	14.745
1/23/2016 1:30:00 AM	126000.000	45.107	17.543	102.813	14.747
1/23/2016 1:45:00 AM	126900.000	45.113	17.552	102.826	14.747
1/23/2016 2:00:00 AM	127800.000	45.119	17.560	102.841	14.747
1/23/2016 2:15:00 AM	128700.000	45.108	17.542	102.816	14.751
1/23/2016 2:30:00 AM	129600.000	45.114	17.534	102.828	14.752
1/23/2016 2:45:00 AM	130500.000	45.103	17.549	102.804	14.757
1/23/2016 3:00:00 AM	131400.000	45.099	17.533	102.793	14.754
1/23/2016 3:15:00 AM	132300.000	45.119	17.547	102.840	14.750

1/23/2016 3:30:00 AM	133200.000	45.101	17.551	102.799
14.749				
1/23/2016 3:45:00 AM	134100.000	45.103	17.541	102.804
14.752				
1/23/2016 4:00:00 AM	135000.000	45.105	17.547	102.809
14.753				
1/23/2016 4:15:00 AM	135900.000	45.093	17.562	102.781
14.753				
1/23/2016 4:30:00 AM	136800.000	45.108	17.564	102.815
14.751				
1/23/2016 4:45:00 AM	137700.000	45.127	17.554	102.859
14.747				
1/23/2016 5:00:00 AM	138600.000	45.110	17.539	102.819
14.753				
1/23/2016 5:15:00 AM	139500.000	45.112	17.542	102.825
14.752				
1/23/2016 5:30:00 AM	140400.000	45.101	17.536	102.798
14.755				
1/23/2016 5:45:00 AM	141300.000	45.125	17.530	102.854
14.756				
1/23/2016 6:00:00 AM	142200.000	45.119	17.546	102.841
14.766				
1/23/2016 6:15:00 AM	143100.000	45.128	17.563	102.861
14.764				
1/23/2016 6:30:00 AM	144000.000	45.126	17.561	102.857
14.767				
1/23/2016 6:45:00 AM	144900.000	45.136	17.539	102.879
14.768				
1/23/2016 7:00:00 AM	145800.000	45.142	17.550	102.892
14.774				
1/23/2016 7:15:00 AM	146700.000	45.147	17.545	102.903
14.770				
1/23/2016 7:30:00 AM	147600.000	45.145	17.571	102.900
14.777				
1/23/2016 7:45:00 AM	148500.000	45.154	17.562	102.919
14.781				
1/23/2016 8:00:00 AM	149400.000	45.162	17.552	102.939
14.784				
1/23/2016 8:15:00 AM	150300.000	45.172	17.541	102.961
14.777				
1/23/2016 8:30:00 AM	151200.000	45.173	17.558	102.963
14.789				
1/23/2016 8:45:00 AM	152100.000	45.190	17.544	103.002
14.785				
1/23/2016 9:00:00 AM	153000.000	45.187	17.567	102.996
14.794				
1/23/2016 9:15:00 AM	153900.000	45.211	17.548	103.050
14.781				
1/23/2016 9:30:00 AM	154800.000	45.226	17.561	103.084
14.786				
1/23/2016 9:45:00 AM	155700.000	45.225	17.550	103.082
14.790				
1/23/2016 10:00:00 AM	156600.000	45.227	17.568	103.086
14.795				

1/23/2016 10:15:00 AM	157500.000	45.231	17.557	103.096
14.797				
1/23/2016 10:30:00 AM	158400.000	45.235	17.548	103.104
14.800				
1/23/2016 10:45:00 AM	159300.000	45.239	17.574	103.115
14.798				
1/23/2016 11:00:00 AM	160200.000	45.244	17.558	103.126
14.798				
1/23/2016 11:15:00 AM	161100.000	45.246	17.548	103.130
14.798				
1/23/2016 11:30:00 AM	162000.000	45.238	17.559	103.112
14.793				
1/23/2016 11:45:00 AM	162900.000	45.254	17.548	103.147
14.790				
1/23/2016 12:00:00 PM	163800.000	45.256	17.551	103.153
14.787				
1/23/2016 12:15:00 PM	164700.000	45.250	17.573	103.138
14.784				
1/23/2016 12:30:00 PM	165600.000	45.257	17.546	103.154
14.782				
1/23/2016 12:45:00 PM	166500.000	45.240	17.538	103.116
14.780				
1/23/2016 1:00:00 PM	167400.000	45.243	17.560	103.123
14.778				
1/23/2016 1:15:00 PM	168300.000	45.237	17.544	103.109
14.775				
1/23/2016 1:30:00 PM	169200.000	45.241	17.563	103.119
14.774				
1/23/2016 1:45:00 PM	170100.000	45.207	17.542	103.041
14.779				
1/23/2016 2:00:00 PM	171000.000	45.204	17.566	103.035
14.777				
1/23/2016 2:15:00 PM	171900.000	45.203	17.540	103.032
14.775				
1/23/2016 2:30:00 PM	172800.000	45.190	17.548	103.002
14.782				
1/23/2016 2:45:00 PM	173700.000	45.182	17.554	102.984
14.782				
1/23/2016 3:00:00 PM	174600.000	45.184	17.560	102.989
14.778				
1/23/2016 3:15:00 PM	175500.000	45.153	17.557	102.918
14.786				
1/23/2016 3:30:00 PM	176400.000	45.149	17.557	102.908
14.785				
1/23/2016 3:45:00 PM	177300.000	45.133	17.564	102.871
14.789				
1/23/2016 4:00:00 PM	178200.000	45.130	17.547	102.866
14.787				
1/23/2016 4:15:00 PM	179100.000	45.118	17.562	102.838
14.786				
1/23/2016 4:30:00 PM	180000.000	45.114	17.541	102.828
14.790				
1/23/2016 4:45:00 PM	180900.000	45.099	17.553	102.795
14.797				

1/23/2016 5:00:00 PM	181800.000	45.096	17.550	102.788
14.784				
1/23/2016 5:15:00 PM	182700.000	45.081	17.552	102.754
14.790				
1/23/2016 5:30:00 PM	183600.000	45.064	17.556	102.715
14.792				
1/23/2016 5:45:00 PM	184500.000	45.065	17.543	102.717
14.794				
1/23/2016 6:00:00 PM	185400.000	45.052	17.565	102.688
14.800				
1/23/2016 6:15:00 PM	186300.000	45.037	17.543	102.654
14.807				
1/23/2016 6:30:00 PM	187200.000	45.033	17.539	102.644
14.800				
1/23/2016 6:45:00 PM	188100.000	45.033	17.559	102.644
14.802				
1/23/2016 7:00:00 PM	189000.000	45.022	17.548	102.619
14.802				
1/23/2016 7:15:00 PM	189900.000	45.019	17.537	102.613
14.804				
1/23/2016 7:30:00 PM	190800.000	45.015	17.563	102.603
14.805				
1/23/2016 7:45:00 PM	191700.000	45.020	17.562	102.614
14.799				
1/23/2016 8:00:00 PM	192600.000	45.017	17.553	102.607
14.808				
1/23/2016 8:15:00 PM	193500.000	45.024	17.548	102.625
14.806				
1/23/2016 8:30:00 PM	194400.000	45.024	17.575	102.624
14.806				
1/23/2016 8:45:00 PM	195300.000	45.011	17.566	102.595
14.808				
1/23/2016 9:00:00 PM	196200.000	45.025	17.537	102.627
14.810				
1/23/2016 9:15:00 PM	197100.000	45.030	17.547	102.637
14.812				
1/23/2016 9:30:00 PM	198000.000	45.038	17.564	102.655
14.808				
1/23/2016 9:45:00 PM	198900.000	45.039	17.532	102.658
14.816				
1/23/2016 10:00:00 PM	199800.000	45.069	17.559	102.727
14.807				
1/23/2016 10:15:00 PM	200700.000	45.047	17.555	102.677
14.815				
1/23/2016 10:30:00 PM	201600.000	45.051	17.559	102.685
14.814				
1/23/2016 10:45:00 PM	202500.000	45.059	17.557	102.703
14.814				
1/23/2016 11:00:00 PM	203400.000	45.067	17.557	102.722
14.815				
1/23/2016 11:15:00 PM	204300.000	45.067	17.547	102.722
14.811				
1/23/2016 11:30:00 PM	205200.000	45.071	17.559	102.730
14.814				

1/23/2016 11:45:00 PM	206100.000	45.086	17.557	102.765
14.811				
1/24/2016 12:00:00 AM	207000.000	45.093	17.565	102.782
14.816				
1/24/2016 12:15:00 AM	207900.000	45.095	17.549	102.786
14.816				
1/24/2016 12:30:00 AM	208800.000	45.086	17.559	102.765
14.814				
1/24/2016 12:45:00 AM	209700.000	45.096	17.559	102.788
14.808				
1/24/2016 1:00:00 AM	210600.000	45.096	17.555	102.788
14.816				
1/24/2016 1:15:00 AM	211500.000	45.110	17.557	102.820
14.817				
1/24/2016 1:30:00 AM	212400.000	45.105	17.553	102.809
14.811				
1/24/2016 1:45:00 AM	213300.000	45.109	17.540	102.817
14.818				
1/24/2016 2:00:00 AM	214200.000	45.108	17.554	102.816
14.815				
1/24/2016 2:15:00 AM	215100.000	45.112	17.554	102.824
14.821				
1/24/2016 2:30:00 AM	216000.000	45.107	17.559	102.813
14.813				
1/24/2016 2:45:00 AM	216900.000	45.107	17.562	102.812
14.818				
1/24/2016 3:00:00 AM	217800.000	45.113	17.547	102.827
14.821				
1/24/2016 3:15:00 AM	218700.000	45.115	17.555	102.831
14.816				
1/24/2016 3:30:00 AM	219600.000	45.117	17.569	102.835
14.812				
1/24/2016 3:45:00 AM	220500.000	45.107	17.545	102.812
14.821				
1/24/2016 4:00:00 AM	221400.000	45.103	17.540	102.805
14.819				
1/24/2016 4:15:00 AM	222300.000	45.097	17.565	102.790
14.824				
1/24/2016 4:30:00 AM	223200.000	45.101	17.563	102.798
14.820				
1/24/2016 4:45:00 AM	224100.000	45.114	17.557	102.829
14.828				
1/24/2016 5:00:00 AM	225000.000	45.096	17.569	102.789
14.830				
1/24/2016 5:15:00 AM	225900.000	45.102	17.550	102.801
14.826				
1/24/2016 5:30:00 AM	226800.000	45.104	17.557	102.806
14.832				
1/24/2016 5:45:00 AM	227700.000	45.114	17.565	102.830
14.826				
1/24/2016 6:00:00 AM	228600.000	45.101	17.579	102.799
14.832				
1/24/2016 6:15:00 AM	229500.000	45.104	17.533	102.805
14.833				

1/24/2016 6:30:00 AM	230400.000	45.105	17.550	102.807
14.838				
1/24/2016 6:45:00 AM	231300.000	45.113	17.552	102.827
14.841				
1/24/2016 7:00:00 AM	232200.000	45.125	17.561	102.854
14.842				
1/24/2016 7:15:00 AM	233100.000	45.114	17.553	102.828
14.843				
1/24/2016 7:30:00 AM	234000.000	45.108	17.550	102.815
14.848				
1/24/2016 7:45:00 AM	234900.000	45.125	17.565	102.854
14.854				
1/24/2016 8:00:00 AM	235800.000	45.126	17.555	102.857
14.854				
1/24/2016 8:15:00 AM	236700.000	45.149	17.540	102.908
14.844				
1/24/2016 8:30:00 AM	237600.000	45.131	17.562	102.867
14.867				
1/24/2016 8:45:00 AM	238500.000	45.156	17.547	102.926
14.855				
1/24/2016 9:00:00 AM	239400.000	45.150	17.562	102.911
14.856				
1/24/2016 9:15:00 AM	240300.000	45.164	17.564	102.943
14.855				
1/24/2016 9:30:00 AM	241200.000	45.168	17.567	102.952
14.853				
1/24/2016 9:45:00 AM	242100.000	45.172	17.559	102.961
14.858				
1/24/2016 10:00:00 AM	243000.000	45.188	17.548	102.998
14.857				
1/24/2016 10:15:00 AM	243900.000	45.188	17.576	102.998
14.857				
1/24/2016 10:30:00 AM	244800.000	45.203	17.565	103.032
14.859				
1/24/2016 10:45:00 AM	245700.000	45.200	17.555	103.026
14.864				
1/24/2016 11:00:00 AM	246600.000	45.225	17.563	103.082
14.849				
1/24/2016 11:15:00 AM	247500.000	45.224	17.558	103.079
14.850				
1/24/2016 11:30:00 AM	248400.000	45.224	17.545	103.079
14.848				
1/24/2016 11:45:00 AM	249300.000	45.229	17.574	103.091
14.840				
1/24/2016 12:00:00 PM	250200.000	45.213	17.534	103.054
14.841				
1/24/2016 12:15:00 PM	251100.000	45.229	17.571	103.091
14.831				
1/24/2016 12:30:00 PM	252000.000	45.218	17.567	103.066
14.838				
1/24/2016 12:45:00 PM	252900.000	45.229	17.570	103.091
14.827				
1/24/2016 1:00:00 PM	253800.000	45.233	17.559	103.101
14.820				

1/24/2016 1:15:00 PM	254700.000	45.228	17.557	103.089
14.829				
1/24/2016 1:30:00 PM	255600.000	45.224	17.557	103.078
14.825				
1/24/2016 1:45:00 PM	256500.000	45.218	17.549	103.065
14.820				
1/24/2016 2:00:00 PM	257400.000	45.218	17.531	103.065
14.821				
1/24/2016 2:15:00 PM	258300.000	45.199	17.570	103.022
14.820				
1/24/2016 2:30:00 PM	259200.000	45.208	17.562	103.044
14.815				
1/24/2016 2:45:00 PM	260100.000	45.192	17.545	103.007
14.814				
1/24/2016 3:00:00 PM	261000.000	45.183	17.535	102.987
14.822				
1/24/2016 3:15:00 PM	261900.000	45.157	17.559	102.927
14.823				
1/24/2016 3:30:00 PM	262800.000	45.158	17.550	102.930
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1/24/2016 3:45:00 PM	263700.000	45.146	17.557	102.902
14.826				
1/24/2016 4:00:00 PM	264600.000	45.133	17.541	102.872
14.827				
1/24/2016 4:15:00 PM	265500.000	45.121	17.548	102.844
14.826				
1/24/2016 4:30:00 PM	266400.000	45.117	17.558	102.835
14.828				
1/24/2016 4:45:00 PM	267300.000	45.097	17.563	102.791
14.835				
1/24/2016 5:00:00 PM	268200.000	45.092	17.551	102.778
14.829				
1/24/2016 5:15:00 PM	269100.000	45.083	17.561	102.759
14.823				
1/24/2016 5:30:00 PM	270000.000	45.078	17.550	102.747
14.821				
1/24/2016 5:45:00 PM	270900.000	45.055	17.553	102.693
14.832				
1/24/2016 6:00:00 PM	271800.000	45.043	17.548	102.666
14.837				
1/24/2016 6:15:00 PM	272700.000	45.035	17.555	102.648
14.843				
1/24/2016 6:30:00 PM	273600.000	45.027	17.576	102.630
14.840				
1/24/2016 6:45:00 PM	274500.000	45.028	17.546	102.633
14.835				
1/24/2016 7:00:00 PM	275400.000	45.003	17.548	102.575
14.837				
1/24/2016 7:15:00 PM	276300.000	45.007	17.551	102.584
14.836				
1/24/2016 7:30:00 PM	277200.000	45.004	17.555	102.579
14.838				
1/24/2016 7:45:00 PM	278100.000	44.996	17.570	102.561
14.835				

1/24/2016 8:00:00 PM	279000.000	44.995	17.545	102.557
14.841				
1/24/2016 8:15:00 PM	279900.000	44.996	17.562	102.560
14.846				
1/24/2016 8:30:00 PM	280800.000	44.981	17.538	102.526
14.849				
1/24/2016 8:45:00 PM	281700.000	44.984	17.547	102.533
14.847				
1/24/2016 9:00:00 PM	282600.000	44.991	17.538	102.549
14.849				
1/24/2016 9:15:00 PM	283500.000	44.990	17.545	102.546
14.848				
1/24/2016 9:30:00 PM	284400.000	45.003	17.562	102.576
14.851				
1/24/2016 9:45:00 PM	285300.000	45.002	17.567	102.574
14.847				
1/24/2016 10:00:00 PM	286200.000	44.988	17.548	102.543
14.849				
1/24/2016 10:15:00 PM	287100.000	44.995	17.565	102.557
14.848				
1/24/2016 10:30:00 PM	288000.000	45.008	17.536	102.588
14.853				
1/24/2016 10:45:00 PM	288900.000	45.015	17.559	102.603
14.854				
1/24/2016 11:00:00 PM	289800.000	45.036	17.554	102.651
14.853				
1/24/2016 11:15:00 PM	290700.000	45.038	17.545	102.656
14.852				
1/24/2016 11:30:00 PM	291600.000	45.036	17.553	102.651
14.850				
1/24/2016 11:45:00 PM	292500.000	45.040	17.573	102.660
14.849				
1/25/2016 12:00:00 AM	293400.000	45.057	17.553	102.698
14.851				
1/25/2016 12:15:00 AM	294300.000	45.044	17.573	102.670
14.849				
1/25/2016 12:30:00 AM	295200.000	45.064	17.548	102.715
14.850				
1/25/2016 12:45:00 AM	296100.000	45.056	17.537	102.697
14.853				
1/25/2016 1:00:00 AM	297000.000	45.068	17.557	102.724
14.847				
1/25/2016 1:15:00 AM	297900.000	45.085	17.565	102.763
14.844				
1/25/2016 1:30:00 AM	298800.000	45.083	17.548	102.759
14.846				
1/25/2016 1:45:00 AM	299700.000	45.075	17.551	102.739
14.847				
1/25/2016 2:00:00 AM	300600.000	45.083	17.550	102.759
14.854				
1/25/2016 2:15:00 AM	301500.000	45.084	17.546	102.760
14.844				
1/25/2016 2:30:00 AM	302400.000	45.079	17.557	102.749
14.848				

1/25/2016 2:45:00 AM	303300.000	45.083	17.552	102.758
14.845				
1/25/2016 3:00:00 AM	304200.000	45.090	17.551	102.774
14.840				
1/25/2016 3:15:00 AM	305100.000	45.080	17.552	102.751
14.842				
1/25/2016 3:30:00 AM	306000.000	45.084	17.565	102.760
14.832				
1/25/2016 3:45:00 AM	306900.000	45.085	17.546	102.762
14.841				
1/25/2016 4:00:00 AM	307800.000	45.088	17.557	102.770
14.842				
1/25/2016 4:15:00 AM	308700.000	45.082	17.562	102.756
14.842				
1/25/2016 4:30:00 AM	309600.000	45.074	17.556	102.738
14.844				
1/25/2016 4:45:00 AM	310500.000	45.080	17.552	102.750
14.841				
1/25/2016 5:00:00 AM	311400.000	45.071	17.552	102.731
14.842				
1/25/2016 5:15:00 AM	312300.000	45.092	17.551	102.779
14.833				
1/25/2016 5:30:00 AM	313200.000	45.076	17.551	102.742
14.841				
1/25/2016 5:45:00 AM	314100.000	45.062	17.562	102.710
14.847				
1/25/2016 6:00:00 AM	315000.000	45.076	17.550	102.743
14.840				
1/25/2016 6:15:00 AM	315900.000	45.068	17.551	102.724
14.840				
1/25/2016 6:30:00 AM	316800.000	45.079	17.551	102.748
14.839				
1/25/2016 6:45:00 AM	317700.000	45.070	17.550	102.728
14.842				
1/25/2016 7:00:00 AM	318600.000	45.075	17.553	102.740
14.839				
1/25/2016 7:15:00 AM	319500.000	45.077	17.562	102.744
14.845				
1/25/2016 7:30:00 AM	320400.000	45.088	17.572	102.768
14.849				
1/25/2016 7:45:00 AM	321300.000	45.066	17.543	102.719
14.856				
1/25/2016 8:00:00 AM	322200.000	45.068	17.566	102.724
14.856				
1/25/2016 8:15:00 AM	323100.000	45.098	17.550	102.792
14.857				
1/25/2016 8:30:00 AM	324000.000	45.074	17.564	102.737
14.869				
1/25/2016 8:45:00 AM	324900.000	45.107	17.572	102.812
14.858				
1/25/2016 9:00:00 AM	325800.000	45.122	17.562	102.846
14.860				
1/25/2016 9:15:00 AM	326700.000	45.105	17.565	102.809
14.866				

1/25/2016 9:30:00 AM	327600.000	45.113	17.548	102.826
14.864				
1/25/2016 9:45:00 AM	328500.000	45.120	17.552	102.842
14.865				
1/25/2016 10:00:00 AM	329400.000	45.135	17.529	102.878
14.853				
1/25/2016 10:15:00 AM	330300.000	45.144	17.564	102.897
14.854				
1/25/2016 10:30:00 AM	331200.000	45.145	17.558	102.899
14.858				
1/25/2016 10:45:00 AM	332100.000	45.154	17.555	102.920
14.854				
1/25/2016 11:00:00 AM	333000.000	45.152	17.548	102.915
14.862				
1/25/2016 11:15:00 AM	333900.000	45.146	17.545	102.901
14.860				
1/25/2016 11:30:00 AM	334800.000	45.172	17.534	102.960
14.859				
1/25/2016 11:45:00 AM	335700.000	45.163	17.549	102.939
14.856				
1/25/2016 12:00:00 PM	336600.000	45.180	17.579	102.980
14.857				
1/25/2016 12:15:00 PM	337500.000	45.185	17.561	102.990
14.851				
1/25/2016 12:30:00 PM	338400.000	45.179	17.539	102.977
14.845				
1/25/2016 12:45:00 PM	339300.000	45.179	17.558	102.977
14.838				
1/25/2016 1:00:00 PM	340200.000	45.179	17.541	102.977
14.847				
1/25/2016 1:15:00 PM	341100.000	45.190	17.574	103.002
14.839				
1/25/2016 1:30:00 PM	342000.000	45.183	17.559	102.985
14.839				
1/25/2016 1:45:00 PM	342900.000	45.196	17.557	103.016
14.830				
1/25/2016 2:00:00 PM	343800.000	45.183	17.554	102.985
14.830				
1/25/2016 2:15:00 PM	344700.000	45.182	17.543	102.984
14.824				
1/25/2016 2:30:00 PM	345600.000	45.177	17.573	102.972
14.825				
1/25/2016 2:45:00 PM	346500.000	45.165	17.570	102.945
14.830				
1/25/2016 3:00:00 PM	347400.000	45.179	17.559	102.976
14.824				
1/25/2016 3:15:00 PM	348300.000	45.148	17.571	102.905
14.831				
1/25/2016 3:30:00 PM	349200.000	45.144	17.537	102.898
14.833				
1/25/2016 3:45:00 PM	350100.000	45.129	17.545	102.863
14.832				
1/25/2016 4:00:00 PM	351000.000	45.121	17.560	102.844
14.832				

1/25/2016 4:15:00 PM	351900.000	45.121	17.561	102.844
14.832				
1/25/2016 4:30:00 PM	352800.000	45.105	17.562	102.808
14.839				
1/25/2016 4:45:00 PM	353700.000	45.098	17.563	102.793
14.840				
1/25/2016 5:00:00 PM	354600.000	45.080	17.547	102.752
14.840				
1/25/2016 5:15:00 PM	355500.000	45.070	17.561	102.729
14.845				
1/25/2016 5:30:00 PM	356400.000	45.060	17.546	102.706
14.843				
1/25/2016 5:45:00 PM	357300.000	45.053	17.555	102.690
14.843				
1/25/2016 6:00:00 PM	358200.000	45.053	17.558	102.690
14.839				
1/25/2016 6:15:00 PM	359100.000	45.016	17.554	102.606
14.842				
1/25/2016 6:30:00 PM	360000.000	45.023	17.545	102.622
14.849				
1/25/2016 6:45:00 PM	360900.000	45.020	17.559	102.614
14.852				
1/25/2016 7:00:00 PM	361800.000	45.004	17.556	102.579
14.863				
1/25/2016 7:15:00 PM	362700.000	44.987	17.550	102.539
14.858				
1/25/2016 7:30:00 PM	363600.000	45.001	17.562	102.572
14.858				
1/25/2016 7:45:00 PM	364500.000	44.977	17.559	102.517
14.864				
1/25/2016 8:00:00 PM	365400.000	44.989	17.554	102.543
14.851				
1/25/2016 8:15:00 PM	366300.000	44.975	17.550	102.512
14.857				
1/25/2016 8:30:00 PM	367200.000	44.976	17.541	102.515
14.858				
1/25/2016 8:45:00 PM	368100.000	44.971	17.568	102.502
14.855				
1/25/2016 9:00:00 PM	369000.000	44.969	17.561	102.498
14.859				
1/25/2016 9:15:00 PM	369900.000	44.960	17.553	102.479
14.856				
1/25/2016 9:30:00 PM	370800.000	44.975	17.548	102.513
14.864				
1/25/2016 9:45:00 PM	371700.000	44.970	17.548	102.501
14.865				
1/25/2016 10:00:00 PM	372600.000	44.985	17.560	102.534
14.864				
1/25/2016 10:15:00 PM	373500.000	44.979	17.548	102.520
14.863				
1/25/2016 10:30:00 PM	374400.000	44.975	17.556	102.512
14.865				
1/25/2016 10:45:00 PM	375300.000	44.975	17.542	102.512
14.865				

1/25/2016 11:00:00 PM	376200.000	44.980	17.554	102.524
14.862				
1/25/2016 11:15:00 PM	377100.000	44.984	17.570	102.533
14.862				
1/25/2016 11:30:00 PM	378000.000	45.001	17.551	102.570
14.865				
1/25/2016 11:45:00 PM	378900.000	44.995	17.557	102.557
14.870				
1/26/2016 12:00:00 AM	379800.000	45.011	17.552	102.595
14.869				
1/26/2016 12:15:00 AM	380700.000	45.019	17.550	102.611
14.864				
1/26/2016 12:30:00 AM	381600.000	45.020	17.548	102.614
14.862				
1/26/2016 12:45:00 AM	382500.000	45.017	17.543	102.608
14.866				
1/26/2016 1:00:00 AM	383400.000	45.037	17.549	102.653
14.861				
1/26/2016 1:15:00 AM	384300.000	45.031	17.561	102.639
14.862				
1/26/2016 1:30:00 AM	385200.000	45.027	17.542	102.631
14.866				
1/26/2016 1:45:00 AM	386100.000	45.047	17.551	102.677
14.868				
1/26/2016 2:00:00 AM	387000.000	45.045	17.560	102.671
14.872				
1/26/2016 2:15:00 AM	387900.000	45.044	17.534	102.669
14.872				
1/26/2016 2:30:00 AM	388800.000	45.034	17.561	102.646
14.869				
1/26/2016 2:45:00 AM	389700.000	45.053	17.565	102.690
14.870				
1/26/2016 3:00:00 AM	390600.000	45.043	17.556	102.668
14.868				
1/26/2016 3:15:00 AM	391500.000	45.053	17.564	102.689
14.872				
1/26/2016 3:30:00 AM	392400.000	45.040	17.551	102.661
14.879				
1/26/2016 3:45:00 AM	393300.000	45.060	17.562	102.705
14.864				
1/26/2016 4:00:00 AM	394200.000	45.049	17.562	102.681
14.869				
1/26/2016 4:15:00 AM	395100.000	45.049	17.562	102.681
14.871				
1/26/2016 4:30:00 AM	396000.000	45.039	17.551	102.658
14.866				
1/26/2016 4:45:00 AM	396900.000	45.053	17.552	102.689
14.871				
1/26/2016 5:00:00 AM	397800.000	45.041	17.554	102.663
14.870				
1/26/2016 5:15:00 AM	398700.000	45.039	17.562	102.658
14.872				
1/26/2016 5:30:00 AM	399600.000	45.051	17.552	102.686
14.872				

1/26/2016 5:45:00 AM	400500.000	45.029	17.543	102.636
14.871				
1/26/2016 6:00:00 AM	401400.000	45.041	17.575	102.662
14.869				
1/26/2016 6:15:00 AM	402300.000	45.042	17.565	102.664
14.868				
1/26/2016 6:30:00 AM	403200.000	45.034	17.560	102.647
14.871				
1/26/2016 6:45:00 AM	404100.000	45.056	17.557	102.696
14.865				
1/26/2016 7:00:00 AM	405000.000	45.046	17.547	102.673
14.869				
1/26/2016 7:15:00 AM	405900.000	45.025	17.567	102.625
14.875				
1/26/2016 7:30:00 AM	406800.000	45.035	17.564	102.649
14.878				
1/26/2016 7:45:00 AM	407700.000	45.035	17.554	102.648
14.887				
1/26/2016 8:00:00 AM	408600.000	45.040	17.563	102.660
14.886				
1/26/2016 8:15:00 AM	409500.000	45.040	17.553	102.660
14.890				
1/26/2016 8:30:00 AM	410400.000	45.045	17.580	102.671
14.891				
1/26/2016 8:45:00 AM	411300.000	45.055	17.551	102.694
14.885				
1/26/2016 9:00:00 AM	412200.000	45.048	17.547	102.679
14.887				
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14.884				
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14.894				
1/26/2016 9:45:00 AM	414900.000	45.061	17.567	102.707
14.895				
1/26/2016 10:00:00 AM	415800.000	45.063	17.552	102.713
14.895				
1/26/2016 10:15:00 AM	416700.000	45.075	17.557	102.739
14.891				
1/26/2016 10:30:00 AM	417600.000	45.065	17.548	102.718
14.899				
1/26/2016 10:45:00 AM	418500.000	45.084	17.556	102.760
14.894				
1/26/2016 11:00:00 AM	419400.000	45.088	17.549	102.769
14.891				
1/26/2016 11:15:00 AM	420300.000	45.081	17.551	102.753
14.902				
1/26/2016 11:30:00 AM	421200.000	45.099	17.570	102.794
14.890				
1/26/2016 11:45:00 AM	422100.000	45.102	17.543	102.802
14.886				
1/26/2016 12:00:00 PM	423000.000	45.099	17.568	102.794
14.888				
1/26/2016 12:15:00 PM	423900.000	45.122	17.540	102.846
14.876				

1/26/2016 12:30:00 PM	424800.000	45.116	17.583	102.833
14.873				
1/26/2016 12:45:00 PM	425700.000	45.124	17.557	102.852
14.871				
1/26/2016 1:00:00 PM	426600.000	45.122	17.559	102.848
14.869				
1/26/2016 1:15:00 PM	427500.000	45.127	17.557	102.859
14.866				
1/26/2016 1:30:00 PM	428400.000	45.145	17.553	102.899
14.861				
1/26/2016 1:45:00 PM	429300.000	45.134	17.563	102.875
14.865				
1/26/2016 2:00:00 PM	430200.000	45.122	17.559	102.846
14.859				
1/26/2016 2:15:00 PM	431100.000	45.129	17.557	102.863
14.858				
1/26/2016 2:30:00 PM	432000.000	45.122	17.553	102.848
14.859				
1/26/2016 2:45:00 PM	432900.000	45.117	17.565	102.835
14.863				
1/26/2016 3:00:00 PM	433800.000	45.127	17.529	102.857
14.858				
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14.851				
1/26/2016 3:30:00 PM	435600.000	45.108	17.554	102.814
14.854				
1/26/2016 3:45:00 PM	436500.000	45.115	17.545	102.831
14.853				
1/26/2016 4:00:00 PM	437400.000	45.095	17.542	102.785
14.856				
1/26/2016 4:15:00 PM	438300.000	45.103	17.552	102.804
14.852				
1/26/2016 4:30:00 PM	439200.000	45.089	17.542	102.771
14.848				
1/26/2016 4:45:00 PM	440100.000	45.072	17.558	102.732
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14.858				
1/26/2016 5:15:00 PM	441900.000	45.057	17.562	102.699
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14.863				
1/26/2016 5:45:00 PM	443700.000	45.048	17.538	102.679
14.856				
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14.856				
1/26/2016 6:15:00 PM	445500.000	45.012	17.560	102.596
14.857				
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14.858				
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14.860				
1/26/2016 7:00:00 PM	448200.000	44.990	17.582	102.547
14.862				

1/26/2016 7:15:00 PM	449100.000	44.997	17.561	102.562
14.861				
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14.863				
1/26/2016 7:45:00 PM	450900.000	44.967	17.557	102.494
14.871				
1/26/2016 8:00:00 PM	451800.000	44.968	17.551	102.496
14.859				
1/26/2016 8:15:00 PM	452700.000	44.970	17.554	102.500
14.869				
1/26/2016 8:30:00 PM	453600.000	44.947	17.561	102.449
14.866				
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14.870				
1/26/2016 9:00:00 PM	455400.000	44.949	17.565	102.452
14.872				
1/26/2016 9:15:00 PM	456300.000	44.951	17.559	102.457
14.878				
1/26/2016 9:30:00 PM	457200.000	44.957	17.557	102.472
14.874				
1/26/2016 9:45:00 PM	458100.000	44.953	17.554	102.462
14.873				
1/26/2016 10:00:00 PM	459000.000	44.950	17.574	102.454
14.880				
1/26/2016 10:15:00 PM	459900.000	44.952	17.557	102.458
14.880				
1/26/2016 10:30:00 PM	460800.000	44.959	17.532	102.475
14.877				
1/26/2016 10:45:00 PM	461700.000	44.964	17.553	102.488
14.883				
1/26/2016 11:00:00 PM	462600.000	44.958	17.565	102.474
14.879				
1/26/2016 11:15:00 PM	463500.000	44.976	17.554	102.515
14.880				
1/26/2016 11:30:00 PM	464400.000	44.971	17.540	102.503
14.883				
1/26/2016 11:45:00 PM	465300.000	44.974	17.557	102.509
14.882				
1/27/2016 12:00:00 AM	466200.000	44.990	17.566	102.546
14.887				
1/27/2016 12:15:00 AM	467100.000	44.995	17.560	102.558
14.879				
1/27/2016 12:30:00 AM	468000.000	44.993	17.547	102.552
14.880				
1/27/2016 12:45:00 AM	468900.000	45.000	17.554	102.570
14.880				
1/27/2016 1:00:00 AM	469800.000	45.014	17.551	102.600
14.881				
1/27/2016 1:15:00 AM	470700.000	45.007	17.561	102.585
14.879				
1/27/2016 1:30:00 AM	471600.000	45.027	17.565	102.629
14.878				
1/27/2016 1:45:00 AM	472500.000	45.022	17.548	102.618
14.877				

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14.872				
1/27/2016 2:15:00 AM	474300.000	45.037	17.562	102.654
14.879				
1/27/2016 2:30:00 AM	475200.000	45.045	17.566	102.673
14.871				
1/27/2016 2:45:00 AM	476100.000	45.033	17.545	102.643
14.870				
1/27/2016 3:00:00 AM	477000.000	45.039	17.559	102.657
14.875				
1/27/2016 3:15:00 AM	477900.000	45.044	17.544	102.669
14.873				
1/27/2016 3:30:00 AM	478800.000	45.028	17.565	102.634
14.876				
1/27/2016 3:45:00 AM	479700.000	45.046	17.571	102.674
14.871				
1/27/2016 4:00:00 AM	480600.000	45.053	17.553	102.689
14.865				
1/27/2016 4:15:00 AM	481500.000	45.062	17.561	102.710
14.865				
1/27/2016 4:30:00 AM	482400.000	45.049	17.564	102.680
14.868				
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14.866				
1/27/2016 5:00:00 AM	484200.000	45.042	17.571	102.665
14.860				
1/27/2016 5:15:00 AM	485100.000	45.060	17.559	102.706
14.860				
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1/27/2016 5:45:00 AM	486900.000	45.055	17.553	102.695
14.858				
1/27/2016 6:00:00 AM	487800.000	45.050	17.552	102.682
14.864				
1/27/2016 6:15:00 AM	488700.000	45.049	17.542	102.681
14.862				
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14.867				
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14.862				
1/27/2016 7:00:00 AM	491400.000	45.046	17.540	102.675
14.865				
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14.861				
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14.867				
1/27/2016 7:45:00 AM	494100.000	45.032	17.556	102.642
14.871				
1/27/2016 8:00:00 AM	495000.000	45.026	17.573	102.627
14.871				
1/27/2016 8:15:00 AM	495900.000	45.030	17.554	102.638
14.869				
1/27/2016 8:30:00 AM	496800.000	45.033	17.562	102.645
14.873				

1/27/2016 8:45:00 AM	497700.000	45.042	17.554	102.665	14.877
1/27/2016 9:00:00 AM	498600.000	45.036	17.550	102.652	14.876
1/27/2016 9:15:00 AM	499500.000	45.043	17.568	102.666	14.873
1/27/2016 9:30:00 AM	500400.000	45.048	17.555	102.677	14.874
1/27/2016 9:45:00 AM	501300.000	45.043	17.557	102.667	14.882
1/27/2016 10:00:00 AM	502200.000	45.050	17.559	102.682	14.876
1/27/2016 10:15:00 AM	503100.000	45.049	17.540	102.680	14.877
1/27/2016 10:30:00 AM	504000.000	45.053	17.575	102.689	14.878
1/27/2016 10:45:00 AM	504900.000	45.062	17.539	102.711	14.874
1/27/2016 11:00:00 AM	505800.000	45.053	17.548	102.690	14.878
1/27/2016 11:15:00 AM	506700.000	45.064	17.554	102.714	14.877
1/27/2016 11:30:00 AM	507600.000	45.069	17.570	102.725	14.871
1/27/2016 11:45:00 AM	508500.000	45.068	17.540	102.725	14.871
1/27/2016 12:00:00 PM	509400.000	45.070	17.553	102.729	14.871
1/27/2016 12:15:00 PM	510300.000	45.088	17.547	102.770	14.862
1/27/2016 12:30:00 PM	511200.000	45.105	17.543	102.809	14.854
1/27/2016 12:45:00 PM	512100.000	45.083	17.557	102.757	14.858
1/27/2016 1:00:00 PM	513000.000	45.084	17.559	102.761	14.856
1/27/2016 1:15:00 PM	513900.000	45.094	17.568	102.783	14.854
1/27/2016 1:30:00 PM	514800.000	45.093	17.559	102.780	14.855
1/27/2016 1:45:00 PM	515700.000	45.106	17.571	102.809	14.857
1/27/2016 2:00:00 PM	516600.000	45.109	17.561	102.817	14.855
1/27/2016 2:15:00 PM	517500.000	45.106	17.555	102.810	14.859
1/27/2016 2:30:00 PM	518400.000	45.100	17.568	102.797	14.863
1/27/2016 2:45:00 PM	519300.000	45.108	17.549	102.816	14.853
1/27/2016 3:00:00 PM	520200.000	45.111	17.553	102.821	14.853
1/27/2016 3:15:00 PM	521100.000	45.109	17.553	102.818	14.852

1/27/2016 3:30:00 PM	522000.000	45.096	17.547	102.787
14.849				
1/27/2016 3:45:00 PM	522900.000	45.109	17.543	102.817
14.845				
1/27/2016 4:00:00 PM	523800.000	45.106	17.549	102.810
14.846				
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14.855				
1/27/2016 4:30:00 PM	525600.000	45.075	17.558	102.740
14.846				
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14.857				
1/27/2016 5:00:00 PM	527400.000	45.061	17.559	102.707
14.853				
1/27/2016 5:15:00 PM	528300.000	45.050	17.553	102.683
14.862				
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14.859				
1/27/2016 5:45:00 PM	530100.000	45.047	17.555	102.677
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14.850				
1/27/2016 6:15:00 PM	531900.000	45.027	17.573	102.631
14.859				
1/27/2016 6:30:00 PM	532800.000	45.020	17.551	102.614
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14.867				
1/27/2016 7:00:00 PM	534600.000	44.996	17.548	102.559
14.861				
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14.869				
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14.867				
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14.872				
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14.876				
1/27/2016 9:00:00 PM	541800.000	44.953	17.547	102.462
14.872				
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14.870				
1/27/2016 9:30:00 PM	543600.000	44.934	17.540	102.419
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14.875				

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14.875				
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14.872				

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
1/21/2016	0:00:00	0	136.361	17.5	4611.5
1/21/2016	0:15:00	0	136.368	17.5	4601.1
1/21/2016	0:30:00	0	136.355	17.5	4586.2
1/21/2016	0:45:00	0	136.359	17.5	4577
1/21/2016	1:00:00	0	136.386	17.5	4566.6
1/21/2016	1:15:00	0	136.373	17.5	4567.8
1/21/2016	1:30:00	0	136.32	17.5	4557.5
1/21/2016	1:45:00	0	136.383	17.5	4549.4
1/21/2016	2:00:00	0	136.364	17.5	4554
1/21/2016	2:15:00	0	136.396	17.5	4572.4
1/21/2016	2:30:00	0	136.333	17.5	4563.2
1/21/2016	2:45:00	0	136.357	17.5	4572.4
1/21/2016	3:00:00	0	136.386	17.5	4570.1
1/21/2016	3:15:00	0	136.407	17.5	4572.4
1/21/2016	3:30:00	0	136.408	17.5	4585
1/21/2016	3:45:00	0	136.369	17.5	4588.5
1/21/2016	4:00:00	0	136.385	17.5	4594.3
1/21/2016	4:15:00	0	136.392	17.5	4587.4
1/21/2016	4:30:00	0	136.378	17.5	4586.2
1/21/2016	4:45:00	0	136.421	17.5	4593.1
1/21/2016	5:00:00	0	136.411	17.5	4577
1/21/2016	5:15:00	0	136.416	17.5	4573.5
1/21/2016	5:30:00	0	136.414	17.5	4567.8
1/21/2016	5:45:00	0	136.457	17.5	4556.3
1/21/2016	6:00:00	0	136.426	17.5	4533.3
1/21/2016	6:15:00	0	136.443	17.5	4501.1
1/21/2016	6:30:00	0	136.444	17.5	4483.9
1/21/2016	6:45:00	0	136.481	17.5	4454
1/21/2016	7:00:00	0	136.475	17.5	4410.3
1/21/2016	7:15:00	0	136.474	17.5	4373.5
1/21/2016	7:30:00	0	136.49	17.5	4340.1

1/21/2016	7:45:00	0	136.468	17.5	4302.1
1/21/2016	8:00:00	0	136.483	17.5	4248.1
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1/21/2016	8:30:00	0	136.508	17.5	4146.9
1/21/2016	8:45:00	0	136.507	17.5	4082.5
1/21/2016	9:00:00	0	136.541	17.5	4007.8
1/21/2016	9:15:00	0	136.516	17.5	3941.1
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1/21/2016	10:00:00	0	136.532	17.5	3674.3
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1/21/2016	10:45:00	0	136.535	17.5	3535.1
1/21/2016	11:00:00	0	136.507	17.5	3506.4
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1/21/2016	11:30:00	0	136.544	17.5	3458.1
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1/21/2016	12:00:00	0	136.474	17.5	3447.7
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1/21/2016	12:30:00	0	136.514	17.5	3469.6
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1/21/2016	13:00:00	0	136.504	17.5	3532.8
1/21/2016	13:15:00	0	136.527	17.5	3576.5
1/21/2016	13:30:00	0	136.5	17.5	3648.9
1/21/2016	13:45:00	0	136.475	17.5	3732.9
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1/21/2016	16:00:00	0	136.419	17.5	4508
1/21/2016	16:15:00	0	136.402	17.5	4580.5
1/21/2016	16:30:00	0	136.427	17.5	4646
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1/21/2016	18:00:00	0	136.382	17.5	4912.8
1/21/2016	18:15:00	0	136.363	17.5	4961.1
1/21/2016	18:30:00	0	136.334	17.5	4987.5
1/21/2016	18:45:00	0	136.376	17.5	4995.6
1/21/2016	19:00:00	0	136.367	17.5	5022
1/21/2016	19:15:00	0	136.325	17.5	5016.3

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1/21/2016	19:45:00	0	136.335	17.5	5025.5
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1/21/2016	22:30:00	0	136.376	17.5	4841.5
1/21/2016	22:45:00	0	136.385	17.5	4782.9
1/21/2016	23:00:00	0	136.355	17.5	4780.5
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1/21/2016	23:30:00	0	136.372	17.5	4726.5
1/21/2016	23:45:00	0	136.415	17.5	4679.4
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1/22/2016	1:15:00	0	136.389	17.5	4550.5
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1/22/2016	1:45:00	0	136.406	17.5	4508
1/22/2016	2:00:00	0	136.414	17.5	4514.9
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1/22/2016	2:30:00	0	136.44	17.5	4495.4
1/22/2016	2:45:00	0	136.426	17.5	4500
1/22/2016	3:00:00	0	136.444	17.5	4494.2
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1/22/2016	4:00:00	0	136.493	17.5	4490.8
1/22/2016	4:15:00	0	136.473	17.5	4498.8
1/22/2016	4:30:00	0	136.456	17.5	4514.9
1/22/2016	4:45:00	0	136.498	17.5	4506.9
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1/22/2016	5:15:00	0	136.457	17.5	4495.4
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1/22/2016	5:45:00	0	136.467	17.5	4485
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1/22/2016	6:30:00	0	136.503	17.5	4434.4
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1/23/2016	6:00:00	0	136.658	17.5	3984.8
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1/23/2016	11:00:00	0	136.803	17.5	3045.2
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1/23/2016	11:30:00	0	136.774	17.5	3034.9
1/23/2016	11:45:00	0	136.759	17.5	3033.7
1/23/2016	12:00:00	0	136.785	17.5	3031.4
1/23/2016	12:15:00	0	136.811	17.5	3032.6
1/23/2016	12:30:00	0	136.803	17.5	3030.3
1/23/2016	12:45:00	0	136.84	17.5	3027.9
1/23/2016	13:00:00	0	136.808	17.5	3030.3
1/23/2016	13:15:00	0	136.79	17.5	3027.9
1/23/2016	13:30:00	0	136.831	17.5	3027.9
1/23/2016	13:45:00	0	136.756	17.5	3026.8
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1/23/2016	14:15:00	0	136.809	17.5	3025.6
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1/23/2016	14:45:00	0	136.765	17.5	3024.5
1/23/2016	15:00:00	0	136.778	17.5	3025.6
1/23/2016	15:15:00	0	136.778	17.5	3024.5
1/23/2016	15:30:00	0	136.738	17.5	3023.4
1/23/2016	15:45:00	0	136.733	17.5	3023.4
1/23/2016	16:00:00	0	136.714	17.5	3024.5
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1/23/2016	16:30:00	0	136.726	17.5	3152.1
1/23/2016	16:45:00	0	136.702	17.5	3247.6
1/23/2016	17:00:00	0	136.699	17.5	3359.1
1/23/2016	17:15:00	0	136.736	17.5	3498.3
1/23/2016	17:30:00	0	136.678	17.5	3601.8
1/23/2016	17:45:00	0	136.654	17.5	3713.4
1/23/2016	18:00:00	0	136.69	17.5	3838.7
1/23/2016	18:15:00	0	136.669	17.5	3938.8

1/23/2016	18:30:00	0	136.611	17.5	4051.4
1/23/2016	18:45:00	0	136.647	17.5	4136.5
1/23/2016	19:00:00	0	136.626	17.5	4182.5
1/23/2016	19:15:00	0	136.661	17.5	4252.7
1/23/2016	19:30:00	0	136.658	17.5	4317.1
1/23/2016	19:45:00	0	136.637	17.5	4349.3
1/23/2016	20:00:00	0	136.621	17.5	4402.2
1/23/2016	20:15:00	0	136.617	17.5	4427.5
1/23/2016	20:30:00	0	136.634	17.5	4464.3
1/23/2016	20:45:00	0	136.63	17.5	4503.4
1/23/2016	21:00:00	0	136.608	17.5	4518.4
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1/23/2016	22:30:00	0	136.602	17.5	4463.1
1/23/2016	22:45:00	0	136.64	17.5	4451.6
1/23/2016	23:00:00	0	136.659	17.5	4417.1
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1/24/2016	0:00:00	0	136.641	17.5	4243.5
1/24/2016	0:15:00	0	136.645	17.5	4211.3
1/24/2016	0:30:00	0	136.662	17.5	4166.5
1/24/2016	0:45:00	0	136.647	17.5	4109
1/24/2016	1:00:00	0	136.663	17.5	4071
1/24/2016	1:15:00	0	136.663	17.5	4019.3
1/24/2016	1:30:00	0	136.663	17.5	3964.1
1/24/2016	1:45:00	0	136.681	17.5	3944.5
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1/24/2016	2:15:00	0	136.649	17.5	3862.9
1/24/2016	2:30:00	0	136.708	17.5	3821.4
1/24/2016	2:45:00	0	136.648	17.5	3793.9
1/24/2016	3:00:00	0	136.704	17.5	3773.1
1/24/2016	3:15:00	0	136.67	17.5	3754.8
1/24/2016	3:30:00	0	136.687	17.5	3726
1/24/2016	3:45:00	0	136.709	17.5	3701.9
1/24/2016	4:00:00	0	136.689	17.5	3703
1/24/2016	4:15:00	0	136.703	17.5	3693.8
1/24/2016	4:30:00	0	136.698	17.5	3706.4
1/24/2016	4:45:00	0	136.694	17.5	3715.6
1/24/2016	5:00:00	0	136.732	17.5	3726
1/24/2016	5:15:00	0	136.73	17.5	3742.1
1/24/2016	5:30:00	0	136.706	17.5	3759.4
1/24/2016	5:45:00	0	136.722	17.5	3783.5
1/24/2016	6:00:00	0	136.713	17.5	3804.2

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1/24/2016	6:30:00	0	136.718	17.5	3837.6
1/24/2016	6:45:00	0	136.747	17.5	3832.9
1/24/2016	7:00:00	0	136.708	17.5	3855.9
1/24/2016	7:15:00	0	136.704	17.5	3868.6
1/24/2016	7:30:00	0	136.757	17.5	3876.6
1/24/2016	7:45:00	0	136.715	17.5	3866.3
1/24/2016	8:00:00	0	136.746	17.5	3853.6
1/24/2016	8:15:00	0	136.769	17.5	3845.6
1/24/2016	8:30:00	0	136.763	17.5	3829.5
1/24/2016	8:45:00	0	136.72	17.5	3786.9
1/24/2016	9:00:00	0	136.729	17.5	3736.4
1/24/2016	9:15:00	0	136.767	17.5	3704.1
1/24/2016	9:30:00	0	136.74	17.5	3645.5
1/24/2016	9:45:00	0	136.737	17.5	3585.7
1/24/2016	10:00:00	0	136.739	17.5	3525.9
1/24/2016	10:15:00	0	136.737	17.5	3474.1
1/24/2016	10:30:00	0	136.775	17.5	3371.8
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1/24/2016	11:00:00	0	136.807	17.5	3228.1
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1/24/2016	11:45:00	0	136.837	17.5	3072.8
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1/24/2016	12:15:00	0	136.776	17.5	3040.6
1/24/2016	12:30:00	0	136.807	17.5	3033.7
1/24/2016	12:45:00	0	136.809	17.5	3032.6
1/24/2016	13:00:00	0	136.798	17.5	3031.4
1/24/2016	13:15:00	0	136.838	17.5	3027.9
1/24/2016	13:30:00	0	136.756	17.5	3027.9
1/24/2016	13:45:00	0	136.803	17.5	3027.9
1/24/2016	14:00:00	0	136.767	17.5	3025.6
1/24/2016	14:15:00	0	136.753	17.5	3024.5
1/24/2016	14:30:00	0	136.754	17.5	3023.4
1/24/2016	14:45:00	0	136.749	17.5	3026.8
1/24/2016	15:00:00	0	136.766	17.5	3057.9
1/24/2016	15:15:00	0	136.76	17.5	3125.7
1/24/2016	15:30:00	0	136.725	17.5	3205.1
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1/24/2016	16:30:00	0	136.708	17.5	3676.6
1/24/2016	16:45:00	0	136.709	17.5	3796.1
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1/24/2016	17:30:00	0	136.606	17.5	4146.9
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1/24/2016	20:00:00	0	136.554	17.5	4885.2
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1/24/2016	20:30:00	0	136.544	17.5	4942.7
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1/24/2016	21:00:00	0	136.562	17.5	4979.5
1/24/2016	21:15:00	0	136.543	17.5	4987.5
1/24/2016	21:30:00	0	136.56	17.5	5003.6
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1/24/2016	22:00:00	0	136.54	17.5	4985.3
1/24/2016	22:15:00	0	136.52	17.5	5004.8
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1/24/2016	23:00:00	0	136.548	17.5	4978.4
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1/25/2016	0:30:00	0	136.55	17.5	4803.5
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1/25/2016	1:30:00	0	136.539	17.5	4677
1/25/2016	1:45:00	0	136.542	17.5	4682.8
1/25/2016	2:00:00	0	136.543	17.5	4623
1/25/2016	2:15:00	0	136.542	17.5	4616.1
1/25/2016	2:30:00	0	136.589	17.5	4594.3
1/25/2016	2:45:00	0	136.587	17.5	4570.1
1/25/2016	3:00:00	0	136.571	17.5	4567.8
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1/25/2016	3:30:00	0	136.561	17.5	4548.3
1/25/2016	3:45:00	0	136.559	17.5	4533.3
1/25/2016	4:00:00	0	136.597	17.5	4531
1/25/2016	4:15:00	0	136.559	17.5	4521.8
1/25/2016	4:30:00	0	136.54	17.5	4532.1
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1/25/2016	5:00:00	0	136.562	17.5	4524.1
1/25/2016	5:15:00	0	136.588	17.5	4563.2
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1/25/2016	6:00:00	0	136.578	17.5	4577
1/25/2016	6:15:00	0	136.577	17.5	4594.3
1/25/2016	6:30:00	0	136.603	17.5	4623
1/25/2016	6:45:00	0	136.624	17.5	4619.5
1/25/2016	7:00:00	0	136.576	17.5	4641.4
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1/25/2016	7:30:00	0	136.597	17.5	4647.1
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1/25/2016	8:00:00	0	136.585	17.5	4659.8
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1/25/2016	9:45:00	0	136.576	17.5	4595.4
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1/25/2016	10:45:00	0	136.595	17.5	4498.8
1/25/2016	11:00:00	0	136.651	17.5	4454
1/25/2016	11:15:00	0	136.635	17.5	4422.9
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1/25/2016	12:00:00	0	136.654	17.5	4297.5
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1/25/2016	19:45:00	0	136.491	17.5	4927.8
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1/25/2016	21:00:00	0	136.49	17.5	5088.8
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1/25/2016	22:00:00	0	136.459	17.5	5131.3
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1/26/2016	2:45:00	0	136.486	17.5	4762.1
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1/26/2016	4:30:00	0	136.473	17.5	4648.3
1/26/2016	4:45:00	0	136.513	17.5	4648.3
1/26/2016	5:00:00	0	136.49	17.5	4642.5

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1/26/2016	6:15:00	0	136.512	17.5	4673.6
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1/26/2016	6:45:00	0	136.506	17.5	4689.7
1/26/2016	7:00:00	0	136.519	17.5	4712.7
1/26/2016	7:15:00	0	136.474	17.5	4733.4
1/26/2016	7:30:00	0	136.526	17.5	4725.4
1/26/2016	7:45:00	0	136.533	17.5	4750.6
1/26/2016	8:00:00	0	136.525	17.5	4743.8
1/26/2016	8:15:00	0	136.497	17.5	4770.2
1/26/2016	8:30:00	0	136.534	17.5	4763.3
1/26/2016	8:45:00	0	136.52	17.5	4780.5
1/26/2016	9:00:00	0	136.5	17.5	4749.5
1/26/2016	9:15:00	0	136.553	17.5	4777.1
1/26/2016	9:30:00	0	136.529	17.5	4777.1
1/26/2016	9:45:00	0	136.522	17.5	4756.4
1/26/2016	10:00:00	0	136.52	17.5	4750.6
1/26/2016	10:15:00	0	136.517	17.5	4728.8
1/26/2016	10:30:00	0	136.516	17.5	4720.8
1/26/2016	10:45:00	0	136.516	17.5	4704.6
1/26/2016	11:00:00	0	136.518	17.5	4684
1/26/2016	11:15:00	0	136.54	17.5	4661
1/26/2016	11:30:00	0	136.567	17.5	4643.7
1/26/2016	11:45:00	0	136.557	17.5	4604.6
1/26/2016	12:00:00	0	136.54	17.5	4566.6
1/26/2016	12:15:00	0	136.531	17.5	4558.6
1/26/2016	12:30:00	0	136.541	17.5	4506.9
1/26/2016	12:45:00	0	136.555	17.5	4464.3
1/26/2016	13:00:00	0	136.541	17.5	4435.5
1/26/2016	13:15:00	0	136.567	17.5	4410.3
1/26/2016	13:30:00	0	136.571	17.5	4383.8
1/26/2016	13:45:00	0	136.614	17.5	4360.8
1/26/2016	14:00:00	0	136.559	17.5	4359.6
1/26/2016	14:15:00	0	136.559	17.5	4322.9
1/26/2016	14:30:00	0	136.62	17.5	4304.5
1/26/2016	14:45:00	0	136.581	17.5	4289.5
1/26/2016	15:00:00	0	136.539	17.5	4297.5
1/26/2016	15:15:00	0	136.541	17.5	4293
1/26/2016	15:30:00	0	136.565	17.5	4295.3
1/26/2016	15:45:00	0	136.551	17.5	4301
1/26/2016	16:00:00	0	136.572	17.5	4327.5
1/26/2016	16:15:00	0	136.573	17.5	4333.2
1/26/2016	16:30:00	0	136.536	17.5	4366.5
1/26/2016	16:45:00	0	136.52	17.5	4402.2

1/26/2016	17:00:00	0	136.542	17.5	4427.5
1/26/2016	17:15:00	0	136.555	17.5	4466.6
1/26/2016	17:30:00	0	136.555	17.5	4526.4
1/26/2016	17:45:00	0	136.511	17.5	4542.5
1/26/2016	18:00:00	0	136.517	17.5	4601.1
1/26/2016	18:15:00	0	136.493	17.5	4634.5
1/26/2016	18:30:00	0	136.493	17.5	4696.6
1/26/2016	18:45:00	0	136.505	17.5	4751.8
1/26/2016	19:00:00	0	136.503	17.5	4788.6
1/26/2016	19:15:00	0	136.476	17.5	4830
1/26/2016	19:30:00	0	136.476	17.5	4868
1/26/2016	19:45:00	0	136.457	17.5	4908.2
1/26/2016	20:00:00	0	136.512	17.5	4948.5
1/26/2016	20:15:00	0	136.451	17.5	4995.6
1/26/2016	20:30:00	0	136.435	17.5	5006
1/26/2016	20:45:00	0	136.485	17.5	5047.4
1/26/2016	21:00:00	0	136.424	17.5	5077.3
1/26/2016	21:15:00	0	136.46	17.5	5088.8
1/26/2016	21:30:00	0	136.418	17.5	5123.3
1/26/2016	21:45:00	0	136.455	17.5	5131.3
1/26/2016	22:00:00	0	136.435	17.5	5127.9
1/26/2016	22:15:00	0	136.427	17.5	5125.5
1/26/2016	22:30:00	0	136.461	17.5	5129
1/26/2016	22:45:00	0	136.418	17.5	5125.5
1/26/2016	23:00:00	0	136.423	17.5	5148.5
1/26/2016	23:15:00	0	136.417	17.5	5115.2
1/26/2016	23:30:00	0	136.402	17.5	5112.9
1/26/2016	23:45:00	0	136.477	17.5	5101.4
1/27/2016	0:00:00	0	136.437	17.5	5075
1/27/2016	0:15:00	0	136.461	17.5	5076.1
1/27/2016	0:30:00	0	136.441	17.5	5029
1/27/2016	0:45:00	0	136.42	17.5	5027.8
1/27/2016	1:00:00	0	136.441	17.5	5004.8
1/27/2016	1:15:00	0	136.405	17.5	4995.6
1/27/2016	1:30:00	0	136.447	17.5	4950.8
1/27/2016	1:45:00	0	136.453	17.5	4915.1
1/27/2016	2:00:00	0	136.472	17.5	4894.4
1/27/2016	2:15:00	0	136.454	17.5	4873.7
1/27/2016	2:30:00	0	136.456	17.5	4836.9
1/27/2016	2:45:00	0	136.475	17.5	4811.6
1/27/2016	3:00:00	0	136.497	17.5	4777.1
1/27/2016	3:15:00	0	136.503	17.5	4744.9
1/27/2016	3:30:00	0	136.48	17.5	4736.9
1/27/2016	3:45:00	0	136.467	17.5	4709.3
1/27/2016	4:00:00	0	136.488	17.5	4709.3
1/27/2016	4:15:00	0	136.481	17.5	4674.8
1/27/2016	4:30:00	0	136.492	17.5	4655.2

1/27/2016	4:45:00	0	136.483	17.5	4666.7
1/27/2016	5:00:00	0	136.491	17.5	4647.1
1/27/2016	5:15:00	0	136.521	17.5	4633.4
1/27/2016	5:30:00	0	136.546	17.5	4638
1/27/2016	5:45:00	0	136.502	17.5	4638
1/27/2016	6:00:00	0	136.5	17.5	4636.8
1/27/2016	6:15:00	0	136.518	17.5	4633.4
1/27/2016	6:30:00	0	136.516	17.5	4643.7
1/27/2016	6:45:00	0	136.5	17.5	4659.8
1/27/2016	7:00:00	0	136.535	17.5	4659.8
1/27/2016	7:15:00	0	136.533	17.5	4672.5
1/27/2016	7:30:00	0	136.527	17.5	4682.8
1/27/2016	7:45:00	0	136.505	17.5	4689.7
1/27/2016	8:00:00	0	136.525	17.5	4715
1/27/2016	8:15:00	0	136.482	17.5	4710.4
1/27/2016	8:30:00	0	136.537	17.5	4743.8
1/27/2016	8:45:00	0	136.551	17.5	4733.4
1/27/2016	9:00:00	0	136.509	17.5	4746
1/27/2016	9:15:00	0	136.484	17.5	4757.5
1/27/2016	9:30:00	0	136.54	17.5	4750.6
1/27/2016	9:45:00	0	136.493	17.5	4751.8
1/27/2016	10:00:00	0	136.511	17.5	4757.5
1/27/2016	10:15:00	0	136.532	17.5	4750.6
1/27/2016	10:30:00	0	136.511	17.5	4731.1
1/27/2016	10:45:00	0	136.514	17.5	4728.8
1/27/2016	11:00:00	0	136.516	17.5	4732.3
1/27/2016	11:15:00	0	136.501	17.5	4696.6
1/27/2016	11:30:00	0	136.533	17.5	4674.8
1/27/2016	11:45:00	0	136.512	17.5	4670.1
1/27/2016	12:00:00	0	136.519	17.5	4643.7
1/27/2016	12:15:00	0	136.53	17.5	4641.4
1/27/2016	12:30:00	0	136.56	17.5	4605.8
1/27/2016	12:45:00	0	136.545	17.5	4592
1/27/2016	13:00:00	0	136.572	17.5	4563.2
1/27/2016	13:15:00	0	136.552	17.5	4535.6
1/27/2016	13:30:00	0	136.59	17.5	4514.9
1/27/2016	13:45:00	0	136.544	17.5	4511.5
1/27/2016	14:00:00	0	136.545	17.5	4496.5
1/27/2016	14:15:00	0	136.546	17.5	4470
1/27/2016	14:30:00	0	136.567	17.5	4452.8
1/27/2016	14:45:00	0	136.57	17.5	4441.3
1/27/2016	15:00:00	0	136.551	17.5	4416
1/27/2016	15:15:00	0	136.535	17.5	4414.9
1/27/2016	15:30:00	0	136.559	17.5	4403.4
1/27/2016	15:45:00	0	136.523	17.5	4421.8
1/27/2016	16:00:00	0	136.542	17.5	4414.9
1/27/2016	16:15:00	0	136.56	17.5	4435.5

1/27/2016	16:30:00	0	136.58	17.5	4425.2
1/27/2016	16:45:00	0	136.536	17.5	4463.1
1/27/2016	17:00:00	0	136.553	17.5	4478.1
1/27/2016	17:15:00	0	136.51	17.5	4494.2
1/27/2016	17:30:00	0	136.513	17.5	4539
1/27/2016	17:45:00	0	136.514	17.5	4562
1/27/2016	18:00:00	0	136.509	17.5	4586.2
1/27/2016	18:15:00	0	136.482	17.5	4603.5
1/27/2016	18:30:00	0	136.481	17.5	4648.3
1/27/2016	18:45:00	0	136.475	17.5	4689.7
1/27/2016	19:00:00	0	136.496	17.5	4716.1
1/27/2016	19:15:00	0	136.472	17.5	4744.9
1/27/2016	19:30:00	0	136.473	17.5	4776
1/27/2016	19:45:00	0	136.471	17.5	4828.9
1/27/2016	20:00:00	0	136.468	17.5	4864.5
1/27/2016	20:15:00	0	136.47	17.5	4900.1
1/27/2016	20:30:00	0	136.468	17.5	4940.4
1/27/2016	20:45:00	0	136.448	17.5	4957.6
1/27/2016	21:00:00	0	136.471	17.5	4986.4
1/27/2016	21:15:00	0	136.424	17.5	5020.9
1/27/2016	21:30:00	0	136.423	17.5	5032.4
1/27/2016	21:45:00	0	136.442	17.5	5056.5
1/27/2016	22:00:00	0	136.416	17.5	5079.5
1/27/2016	22:15:00	0	136.435	17.5	5080.7
1/27/2016	22:30:00	0	136.412	17.5	5073.8
1/27/2016	22:45:00	0	136.413	17.5	5091
1/27/2016	23:00:00	0	136.454	17.5	5086.5
1/27/2016	23:15:00	0	136.436	17.5	5110.6
1/27/2016	23:30:00	0	136.42	17.5	5083
1/27/2016	23:45:00	0	136.424	17.5	5094.5

Report Date: 2/1/2016 10:39:45 AM
Report User Name: KMakar
Report Computer Name: WKST46
Application: WinSitu.exe
Application Version: 5.6.25.0

Log File Properties:
File Name: MPWSP MW-7S LT Test_2016-01-28_10-10-56-452-BaroMerge.wsl
Create Date: 2/1/2016 10:37:01 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
2/1/2016 10:37:01 AM User Note: "Pressure & Level adjusted by baro data from: "MPWSP BaroTroll Pre Test_2016-01-28_14-47-48-317.wsl""

Log Data:
Record Count: 953
Sensors: 2
1 - 427086: PCTD 30 PSIA (10.9m/35.8ft)
2 - 0: Baro-Adjustment Calc
Time Zone: Pacific Standard Time

Sensor: PCTD(A) 35.8ft Sensor: PCTD(A) 35.8ft Sensor: PCTD(A) 35.8ft
Sensor: PCTD(A) 35.8ft Sensor: PCTD(A) 35.8ft Sensor: PCTD(A) 35.8ft Sensor: PCTD(A) 35.8ft
Sensor: PCTD(A) 35.8ft Sensor: PCTD(A) 35.8ft Sensor: Baro-Adj Calc
SN#: 427086 SN#: 427086 SN#: 427086 SN#: 427086
SN#: 427086 SN#: 427086 SN#: 427086 SN#: 427086 SN#: 427086
SN#: 000000
Elapsed Time Corrected Corrected
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) Barometric Pressure (PSI)

1/21/2016 12:00:00 AM 216900.000 11.352 17.559 25.875
1811.709 2111.853 1.436 1.090 551.965
1.000 14.838
1/21/2016 12:15:00 AM 217800.000 11.360 17.560 25.892
1816.620 2117.524 1.440 1.093 550.473
1.000 14.831
1/21/2016 12:30:00 AM 218700.000 11.358 17.559 25.889
1809.291 2109.030 1.434 1.088 552.703
1.000 14.830
1/21/2016 12:45:00 AM 219600.000 11.356 17.559 25.884
1806.908 2106.236 1.432 1.086 553.432
1.000 14.827
1/21/2016 1:00:00 AM 220500.000 11.357 17.559 25.887
1804.170 2103.065 1.430 1.085 554.271
1.000 14.827
1/21/2016 1:15:00 AM 221400.000 11.360 17.559 25.892
1802.573 2101.182 1.429 1.084 554.763
1.000 14.824
1/21/2016 1:30:00 AM 222300.000 11.360 17.559 25.894
1808.707 2108.345 1.434 1.088 552.881
1.000 14.820
1/21/2016 1:45:00 AM 223200.000 11.358 17.560 25.888
1810.391 2110.284 1.435 1.089 552.367
1.000 14.822
1/21/2016 2:00:00 AM 224100.000 11.358 17.559 25.888
1810.265 2110.154 1.435 1.089 552.405
1.000 14.819
1/21/2016 2:15:00 AM 225000.000 11.351 17.559 25.873
1819.467 2120.893 1.442 1.094 549.612
1.000 14.825
1/21/2016 2:30:00 AM 225900.000 11.350 17.559 25.871
1811.049 2111.083 1.436 1.089 552.166
1.000 14.825
1/21/2016 2:45:00 AM 226800.000 11.347 17.559 25.863
1811.742 2111.879 1.436 1.090 551.955
1.000 14.827
1/21/2016 3:00:00 AM 227700.000 11.357 17.559 25.887
1811.521 2111.634 1.436 1.089 552.022
1.000 14.817
1/21/2016 3:15:00 AM 228600.000 11.358 17.560 25.888
1809.307 2109.028 1.434 1.088 552.698
1.000 14.815
1/21/2016 3:30:00 AM 229500.000 11.349 17.559 25.867
1808.090 2107.625 1.433 1.087 553.070
1.000 14.824
1/21/2016 3:45:00 AM 230400.000 11.355 17.559 25.882
1805.480 2104.596 1.431 1.086 553.869
1.000 14.817
1/21/2016 4:00:00 AM 231300.000 11.350 17.560 25.871
1808.703 2108.320 1.434 1.088 552.883
1.000 14.820
1/21/2016 4:15:00 AM 232200.000 11.354 17.560 25.879
1809.863 2109.664 1.435 1.088 552.528
1.000 14.816
1/21/2016 4:30:00 AM 233100.000 11.355 17.560 25.882
1817.317 2118.352 1.440 1.093 550.262

1.000 14.814
1/21/2016 4:45:00 AM 234000.000 11.353 17.559 25.877
1813.641 2114.089 1.438 1.091 551.377
1.000 14.815
1/21/2016 5:00:00 AM 234900.000 11.355 17.559 25.881
1810.786 2110.782 1.435 1.089 552.246
1.000 14.812
1/21/2016 5:15:00 AM 235800.000 11.358 17.560 25.888
1811.311 2111.364 1.436 1.089 552.086
1.000 14.807
1/21/2016 5:30:00 AM 236700.000 11.355 17.560 25.881
1808.217 2107.737 1.433 1.087 553.031
1.000 14.810
1/21/2016 5:45:00 AM 237600.000 11.353 17.559 25.877
1809.477 2109.251 1.434 1.088 552.646
1.000 14.808
1/21/2016 6:00:00 AM 238500.000 11.359 17.560 25.890
1808.838 2108.481 1.434 1.088 552.841
1.000 14.803
1/21/2016 6:15:00 AM 239400.000 11.362 17.560 25.898
1814.766 2115.388 1.438 1.091 551.035
1.000 14.797
1/21/2016 6:30:00 AM 240300.000 11.356 17.559 25.885
1806.652 2105.954 1.432 1.086 553.510
1.000 14.802
1/21/2016 6:45:00 AM 241200.000 11.353 17.559 25.877
1808.821 2108.474 1.434 1.088 552.846
1.000 14.804
1/21/2016 7:00:00 AM 242100.000 11.355 17.560 25.882
1808.113 2107.636 1.433 1.087 553.063
1.000 14.801
1/21/2016 7:15:00 AM 243000.000 11.354 17.559 25.879
1809.660 2109.464 1.434 1.088 552.590
1.000 14.803
1/21/2016 7:30:00 AM 243900.000 11.348 17.560 25.866
1807.111 2106.469 1.432 1.087 553.369
1.000 14.809
1/21/2016 7:45:00 AM 244800.000 11.345 17.559 25.859
1816.914 2117.900 1.440 1.093 550.384
1.000 14.812
1/21/2016 8:00:00 AM 245700.000 11.347 17.560 25.862
1814.252 2114.768 1.438 1.091 551.191
1.000 14.812
1/21/2016 8:15:00 AM 246600.000 11.356 17.559 25.885
1804.806 2103.818 1.431 1.085 554.076
1.000 14.802
1/21/2016 8:30:00 AM 247500.000 11.345 17.559 25.858
1804.993 2104.024 1.431 1.085 554.019
1.000 14.812
1/21/2016 8:45:00 AM 248400.000 11.350 17.559 25.871
1805.922 2105.086 1.431 1.086 553.734
1.000 14.808
1/21/2016 9:00:00 AM 249300.000 11.349 17.560 25.868
1803.252 2101.958 1.429 1.084 554.554
1.000 14.808
1/21/2016 9:15:00 AM 250200.000 11.350 17.560 25.871

1807.106 2106.455 1.432 1.087 553.371
1.000 14.807
1/21/2016 9:30:00 AM 251100.000 11.343 17.559 25.854
1804.748 2103.722 1.431 1.085 554.094
1.000 14.815
1/21/2016 9:45:00 AM 252000.000 11.350 17.560 25.870
1804.716 2103.677 1.431 1.085 554.104
1.000 14.809
1/21/2016 10:00:00 AM 252900.000 11.353 17.559 25.877
1799.859 2098.019 1.427 1.082 555.599
1.000 14.806
1/21/2016 10:15:00 AM 253800.000 11.351 17.559 25.872
1804.960 2103.970 1.431 1.085 554.029
1.000 14.809
1/21/2016 10:30:00 AM 254700.000 11.348 17.560 25.867
1809.147 2108.829 1.434 1.088 552.747
1.000 14.811
1/21/2016 10:45:00 AM 255600.000 11.359 17.560 25.890
1808.222 2107.755 1.433 1.087 553.029
1.000 14.801
1/21/2016 11:00:00 AM 256500.000 11.350 17.560 25.869
1813.191 2113.556 1.437 1.090 551.514
1.000 14.810
1/21/2016 11:15:00 AM 257400.000 11.346 17.560 25.861
1814.412 2114.975 1.438 1.091 551.143
1.000 14.814
1/21/2016 11:30:00 AM 258300.000 11.349 17.559 25.869
1814.740 2115.365 1.438 1.091 551.043
1.000 14.810
1/21/2016 11:45:00 AM 259200.000 11.364 17.559 25.902
1810.189 2110.081 1.435 1.089 552.428
1.000 14.795
1/21/2016 12:00:00 PM 260100.000 11.365 17.560 25.904
1807.544 2106.973 1.433 1.087 553.237
1.000 14.793
1/21/2016 12:15:00 PM 261000.000 11.367 17.560 25.909
1809.090 2108.772 1.434 1.088 552.764
1.000 14.789
1/21/2016 12:30:00 PM 261900.000 11.365 17.559 25.904
1809.279 2109.008 1.434 1.088 552.706
1.000 14.790
1/21/2016 12:45:00 PM 262800.000 11.360 17.560 25.894
1808.981 2108.648 1.434 1.088 552.797
1.000 14.793
1/21/2016 1:00:00 PM 263700.000 11.361 17.559 25.895
1804.430 2103.365 1.430 1.085 554.192
1.000 14.791
1/21/2016 1:15:00 PM 264600.000 11.362 17.559 25.898
1803.408 2102.156 1.429 1.084 554.506
1.000 14.788
1/21/2016 1:30:00 PM 265500.000 11.359 17.560 25.890
1804.813 2103.789 1.431 1.085 554.074
1.000 14.787
1/21/2016 1:45:00 PM 266400.000 11.368 17.559 25.911
1801.604 2100.058 1.428 1.083 555.061
1.000 14.777

1/21/2016 2:00:00 PM	267300.000	11.364	17.560	25.903
1802.241	2100.776	1.429	1.084	554.865
1.000	14.778			
1/21/2016 2:15:00 PM	268200.000	11.362	17.560	25.899
1804.883	2103.872	1.431	1.085	554.053
1.000	14.778			
1/21/2016 2:30:00 PM	269100.000	11.369	17.559	25.914
1805.986	2105.166	1.432	1.086	553.714
1.000	14.768			
1/21/2016 2:45:00 PM	270000.000	11.371	17.560	25.917
1804.943	2103.941	1.431	1.085	554.034
1.000	14.763			
1/21/2016 3:00:00 PM	270900.000	11.367	17.559	25.909
1804.790	2103.775	1.431	1.085	554.081
1.000	14.765			
1/21/2016 3:15:00 PM	271800.000	11.359	17.559	25.890
1806.086	2105.282	1.432	1.086	553.683
1.000	14.770			
1/21/2016 3:30:00 PM	272700.000	11.368	17.560	25.910
1806.553	2105.801	1.432	1.086	553.540
1.000	14.760			
1/21/2016 3:45:00 PM	273600.000	11.365	17.559	25.905
1806.855	2106.174	1.432	1.086	553.448
1.000	14.765			
1/21/2016 4:00:00 PM	274500.000	11.368	17.560	25.911
1812.183	2112.381	1.436	1.090	551.821
1.000	14.757			
1/21/2016 4:15:00 PM	275400.000	11.362	17.559	25.896
1810.319	2110.224	1.435	1.089	552.389
1.000	14.761			
1/21/2016 4:30:00 PM	276300.000	11.368	17.560	25.911
1806.616	2105.879	1.432	1.086	553.521
1.000	14.751			
1/21/2016 4:45:00 PM	277200.000	11.365	17.559	25.905
1804.641	2103.611	1.430	1.085	554.127
1.000	14.751			
1/21/2016 5:00:00 PM	278100.000	11.368	17.559	25.911
1800.021	2098.244	1.427	1.082	555.549
1.000	14.748			
1/21/2016 5:15:00 PM	279000.000	11.361	17.559	25.895
1796.157	2093.717	1.424	1.080	556.744
1.000	14.750			
1/21/2016 5:30:00 PM	279900.000	11.364	17.560	25.902
1796.990	2094.649	1.424	1.080	556.486
1.000	14.746			
1/21/2016 5:45:00 PM	280800.000	11.356	17.560	25.884
1807.822	2107.281	1.433	1.087	553.152
1.000	14.751			
1/21/2016 6:00:00 PM	281700.000	11.359	17.559	25.891
1800.480	2098.748	1.427	1.082	555.407
1.000	14.747			
1/21/2016 6:15:00 PM	282600.000	11.353	17.559	25.877
1800.032	2098.221	1.427	1.082	555.546
1.000	14.752			
1/21/2016 6:30:00 PM	283500.000	11.355	17.560	25.881
1795.825	2093.297	1.423	1.079	556.847

1.000 14.753
1/21/2016 6:45:00 PM 284400.000 11.353 17.559 25.878
1803.305 2102.049 1.429 1.084 554.537
1.000 14.752
1/21/2016 7:00:00 PM 285300.000 11.352 17.559 25.874
1800.271 2098.517 1.427 1.082 555.472
1.000 14.755
1/21/2016 7:15:00 PM 286200.000 11.349 17.559 25.867
1800.752 2099.072 1.427 1.083 555.324
1.000 14.760
1/21/2016 7:30:00 PM 287100.000 11.349 17.560 25.868
1799.939 2098.092 1.427 1.082 555.574
1.000 14.758
1/21/2016 7:45:00 PM 288000.000 11.350 17.559 25.870
1800.510 2098.778 1.427 1.082 555.398
1.000 14.758
1/21/2016 8:00:00 PM 288900.000 11.345 17.559 25.858
1807.212 2106.590 1.432 1.087 553.339
1.000 14.766
1/21/2016 8:15:00 PM 289800.000 11.346 17.559 25.861
1805.223 2104.271 1.431 1.085 553.948
1.000 14.766
1/21/2016 8:30:00 PM 290700.000 11.347 17.559 25.864
1806.273 2105.521 1.432 1.086 553.626
1.000 14.767
1/21/2016 8:45:00 PM 291600.000 11.351 17.559 25.874
1801.862 2100.366 1.428 1.083 554.982
1.000 14.763
1/21/2016 9:00:00 PM 292500.000 11.354 17.559 25.879
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1.000 14.760
1/21/2016 9:15:00 PM 293400.000 11.354 17.560 25.878
1798.229 2096.115 1.425 1.081 556.103
1.000 14.763
1/21/2016 9:30:00 PM 294300.000 11.343 17.560 25.854
1798.071 2095.923 1.425 1.081 556.151
1.000 14.773
1/21/2016 9:45:00 PM 295200.000 11.350 17.559 25.869
1795.172 2092.564 1.423 1.079 557.050
1.000 14.768
1/21/2016 10:00:00 PM 296100.000 11.347 17.560 25.864
1797.248 2094.968 1.425 1.080 556.406
1.000 14.772
1/21/2016 10:15:00 PM 297000.000 11.351 17.559 25.872
1793.797 2090.958 1.422 1.078 557.477
1.000 14.770
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1792.542 2089.486 1.421 1.077 557.867
1.000 14.767
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1790.604 2087.251 1.419 1.076 558.471
1.000 14.769
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1.000 14.765
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1791.210 2087.946 1.420 1.077 558.282
1.000 14.769
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1792.062 2088.938 1.420 1.077 558.016
1.000 14.766
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1.000 14.769
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1.000 14.768
1/22/2016 12:15:00 AM 304200.000 11.358 17.559 25.888
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1.000 14.765
1/22/2016 12:30:00 AM 305100.000 11.357 17.559 25.886
1789.734 2086.237 1.419 1.076 558.742
1.000 14.766
1/22/2016 12:45:00 AM 306000.000 11.347 17.559 25.864
1789.849 2086.372 1.419 1.076 558.706
1.000 14.774
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1.000 14.772
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1.000 14.777
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1.000 14.778
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1.000 14.773
1/22/2016 2:00:00 AM 310500.000 11.362 17.559 25.897
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1.000 14.763
1/22/2016 2:15:00 AM 311400.000 11.376 17.560 25.929
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1.000 14.745
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1.000 14.753
1/22/2016 2:45:00 AM 313200.000 11.377 17.559 25.931
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1.000 14.741
1/22/2016 3:00:00 AM 314100.000 11.368 17.559 25.912
1788.144 2084.375 1.417 1.075 559.239
1.000 14.747
1/22/2016 3:15:00 AM 315000.000 11.370 17.560 25.916
1788.562 2084.842 1.418 1.075 559.108
1.000 14.741
1/22/2016 3:30:00 AM 315900.000 11.363 17.559 25.899
1789.441 2085.892 1.418 1.075 558.834
1.000 14.746
1/22/2016 3:45:00 AM 316800.000 11.364 17.559 25.901
1790.954 2087.651 1.420 1.076 558.362
1.000 14.743

1/22/2016 4:00:00 AM	317700.000	11.360	17.560	25.892
1791.726	2088.522	1.420	1.077	558.121
1.000	14.747			
1/22/2016 4:15:00 AM	318600.000	11.359	17.559	25.890
1791.465	2088.255	1.420	1.077	558.202
1.000	14.747			
1/22/2016 4:30:00 AM	319500.000	11.355	17.559	25.882
1789.253	2085.656	1.418	1.075	558.892
1.000	14.748			
1/22/2016 4:45:00 AM	320400.000	11.366	17.559	25.907
1788.973	2085.330	1.418	1.075	558.980
1.000	14.738			
1/22/2016 5:00:00 AM	321300.000	11.361	17.559	25.895
1788.805	2085.146	1.418	1.075	559.032
1.000	14.741			
1/22/2016 5:15:00 AM	322200.000	11.362	17.559	25.898
1792.534	2089.489	1.421	1.077	557.869
1.000	14.740			
1/22/2016 5:30:00 AM	323100.000	11.358	17.559	25.889
1791.721	2088.542	1.420	1.077	558.122
1.000	14.742			
1/22/2016 5:45:00 AM	324000.000	11.356	17.560	25.885
1798.185	2096.063	1.425	1.081	556.116
1.000	14.744			
1/22/2016 6:00:00 AM	324900.000	11.355	17.559	25.881
1794.489	2091.772	1.422	1.079	557.262
1.000	14.746			
1/22/2016 6:15:00 AM	325800.000	11.356	17.560	25.884
1794.472	2091.736	1.422	1.079	557.267
1.000	14.746			
1/22/2016 6:30:00 AM	326700.000	11.353	17.559	25.877
1794.696	2092.005	1.423	1.079	557.198
1.000	14.748			
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1.000	14.747			
1/22/2016 7:00:00 AM	328500.000	11.353	17.559	25.877
1789.636	2086.103	1.419	1.076	558.773
1.000	14.747			
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1788.681	2085.006	1.418	1.075	559.071
1.000	14.752			
1/22/2016 7:30:00 AM	330300.000	11.352	17.559	25.876
1790.947	2087.648	1.420	1.076	558.364
1.000	14.750			
1/22/2016 7:45:00 AM	331200.000	11.348	17.559	25.865
1789.641	2086.125	1.419	1.076	558.771
1.000	14.755			
1/22/2016 8:00:00 AM	332100.000	11.346	17.560	25.862
1790.606	2087.230	1.419	1.076	558.470
1.000	14.758			
1/22/2016 8:15:00 AM	333000.000	11.346	17.559	25.861
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1.000	14.759			
1/22/2016 8:30:00 AM	333900.000	11.347	17.559	25.863
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1.000 14.759
1/22/2016 8:45:00 AM 334800.000 11.352 17.559 25.874
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1.000 14.755
1/22/2016 9:00:00 AM 335700.000 11.358 17.559 25.888
1792.647 2089.630 1.421 1.077 557.834
1.000 14.751
1/22/2016 9:15:00 AM 336600.000 11.348 17.559 25.865
1794.008 2091.216 1.422 1.078 557.411
1.000 14.761
1/22/2016 9:30:00 AM 337500.000 11.354 17.559 25.879
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1.000 14.755
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1791.691 2088.522 1.420 1.077 558.132
1.000 14.762
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1.000 14.759
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1.000 14.756
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1.000 14.748
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1.000 14.746
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1789.032 2085.387 1.418 1.075 558.961
1.000 14.749
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1788.431 2084.686 1.418 1.075 559.149
1.000 14.756
1/22/2016 11:30:00 AM 344700.000 11.363 17.559 25.900
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1.000 14.745
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1.000 14.739
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1.000 14.736
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1789.010 2085.401 1.418 1.075 558.968
1.000 14.736
1/22/2016 12:30:00 PM 348300.000 11.363 17.558 25.900
1792.463 2089.442 1.421 1.077 557.892
1.000 14.736
1/22/2016 12:45:00 PM 349200.000 11.380 17.559 25.938
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1.000 14.718
1/22/2016 1:00:00 PM 350100.000 11.361 17.559 25.894
1792.392 2089.320 1.421 1.077 557.914
1.000 14.731
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1792.717 2089.707 1.421 1.078 557.812
1.000 14.732
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1.000 14.717
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1.000 14.716
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1.000 14.715
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1.000 14.722
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1.000 14.720
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1791.326 2088.093 1.420 1.077 558.246
1.000 14.715
1/22/2016 3:00:00 PM 357300.000 11.365 17.559 25.905
1796.324 2093.919 1.424 1.080 556.692
1.000 14.716
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1.000 14.714
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1.000 14.713
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1.000 14.720
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1.000 14.714
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1.000 14.723
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1.000 14.719
1/22/2016 5:15:00 PM 365400.000 11.358 17.559 25.888
1793.039 2090.086 1.421 1.078 557.712
1.000 14.722
1/22/2016 5:30:00 PM 366300.000 11.362 17.559 25.897
1793.823 2091.016 1.422 1.078 557.469
1.000 14.719
1/22/2016 5:45:00 PM 367200.000 11.353 17.559 25.876
1796.296 2093.894 1.424 1.080 556.701
1.000 14.727

1/22/2016 6:00:00 PM 368100.000 11.361 17.559 25.894
1795.644 2093.106 1.423 1.079 556.903
1.000 14.720
1/22/2016 6:15:00 PM 369000.000 11.354 17.559 25.880
1796.218 2093.800 1.424 1.080 556.725
1.000 14.727
1/22/2016 6:30:00 PM 369900.000 11.354 17.559 25.879
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1.000 14.728
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1.000 14.725
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1.000 14.734
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1.000 14.736
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1.000 14.744
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1799.398 2097.499 1.426 1.082 555.741
1.000 14.737
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1795.532 2093.004 1.423 1.079 556.938
1.000 14.737
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1794.655 2091.949 1.423 1.079 557.210
1.000 14.744
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1.000 14.743
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1792.728 2089.736 1.421 1.078 557.809
1.000 14.740
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1792.679 2089.658 1.421 1.078 557.824
1.000 14.749
1/22/2016 11:15:00 PM 387000.000 11.362 17.559 25.897
1793.096 2090.156 1.421 1.078 557.695
1.000 14.738
1/22/2016 11:30:00 PM 387900.000 11.353 17.559 25.877
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1/24/2016 1:15:00 PM 523800.000 11.376 17.559 25.928
1791.622 2088.417 1.420 1.077 558.154
1.000 14.829
1/24/2016 1:30:00 PM 524700.000 11.381 17.560 25.941
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1.000 14.825
1/24/2016 1:45:00 PM 525600.000 11.383 17.560 25.946
1794.812 2092.115 1.423 1.079 557.161
1.000 14.820
1/24/2016 2:00:00 PM 526500.000 11.380 17.559 25.939
1794.193 2091.439 1.422 1.078 557.354
1.000 14.821
1/24/2016 2:15:00 PM 527400.000 11.379 17.559 25.936
1795.182 2092.572 1.423 1.079 557.047
1.000 14.820
1/24/2016 2:30:00 PM 528300.000 11.383 17.559 25.946
1796.559 2094.193 1.424 1.080 556.620
1.000 14.815
1/24/2016 2:45:00 PM 529200.000 11.382 17.559 25.944
1799.362 2097.469 1.426 1.082 555.752
1.000 14.814
1/24/2016 3:00:00 PM 530100.000 11.375 17.559 25.927
1801.150 2099.532 1.428 1.083 555.201
1.000 14.822
1/24/2016 3:15:00 PM 531000.000 11.372 17.559 25.921
1801.925 2100.432 1.428 1.083 554.962
1.000 14.823
1/24/2016 3:30:00 PM 531900.000 11.372 17.559 25.920
1796.823 2094.501 1.424 1.080 556.538
1.000 14.824
1/24/2016 3:45:00 PM 532800.000 11.370 17.560 25.916
1794.445 2091.697 1.422 1.079 557.275
1.000 14.826
1/24/2016 4:00:00 PM 533700.000 11.368 17.559 25.911
1796.551 2094.172 1.424 1.080 556.622
1.000 14.827
1/24/2016 4:15:00 PM 534600.000 11.371 17.560 25.918
1798.079 2095.940 1.425 1.081 556.149
1.000 14.826
1/24/2016 4:30:00 PM 535500.000 11.370 17.560 25.917
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1.000 14.828
1/24/2016 4:45:00 PM 536400.000 11.363 17.560 25.900
1803.807 2102.617 1.430 1.085 554.383
1.000 14.835
1/24/2016 5:00:00 PM 537300.000 11.369 17.560 25.913
1802.998 2101.670 1.429 1.084 554.632
1.000 14.829
1/24/2016 5:15:00 PM 538200.000 11.376 17.559 25.929
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1.000 14.823
1/24/2016 5:30:00 PM 539100.000 11.378 17.559 25.934
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1.000 14.821
1/24/2016 5:45:00 PM 540000.000 11.367 17.559 25.909
1800.624 2098.923 1.427 1.083 555.363
1.000 14.832
1/24/2016 6:00:00 PM 540900.000 11.363 17.559 25.900
1801.131 2099.506 1.428 1.083 555.207
1.000 14.837
1/24/2016 6:15:00 PM 541800.000 11.359 17.559 25.890
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1.000 14.843
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1.000 14.840
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1800.317 2098.541 1.427 1.082 555.458
1.000 14.835
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1.000 14.837
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1799.458 2097.572 1.426 1.082 555.723
1.000 14.836
1/24/2016 7:30:00 PM 546300.000 11.369 17.559 25.914
1801.259 2099.660 1.428 1.083 555.167
1.000 14.838
1/24/2016 7:45:00 PM 547200.000 11.374 17.559 25.924
1803.480 2102.261 1.430 1.084 554.483
1.000 14.835
1/24/2016 8:00:00 PM 548100.000 11.366 17.559 25.906
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1.000 14.841
1/24/2016 8:15:00 PM 549000.000 11.368 17.559 25.910
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1.000 14.846
1/24/2016 8:30:00 PM 549900.000 11.361 17.559 25.895
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1.000 14.849
1/24/2016 8:45:00 PM 550800.000 11.365 17.559 25.905
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1.000 14.847
1/24/2016 9:00:00 PM 551700.000 11.363 17.559 25.900
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1.000 14.849
1/24/2016 9:15:00 PM 552600.000 11.365 17.559 25.905

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1.000 14.848
1/24/2016 9:30:00 PM 553500.000 11.363 17.560 25.900
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1.000 14.851
1/24/2016 9:45:00 PM 554400.000 11.368 17.560 25.912
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1.000 14.847
1/24/2016 10:00:00 PM 555300.000 11.367 17.559 25.910
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1.000 14.849
1/24/2016 10:15:00 PM 556200.000 11.369 17.560 25.913
1798.286 2096.173 1.425 1.081 556.085
1.000 14.848
1/24/2016 10:30:00 PM 557100.000 11.365 17.559 25.903
1797.966 2095.833 1.425 1.081 556.184
1.000 14.853
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1.000 14.854
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1.000 14.853
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1.000 14.852
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1.000 14.850
1/24/2016 11:45:00 PM 561600.000 11.372 17.559 25.920
1797.659 2095.467 1.425 1.081 556.279
1.000 14.849
1/25/2016 12:00:00 AM 562500.000 11.372 17.559 25.919
1797.363 2095.126 1.425 1.080 556.371
1.000 14.851
1/25/2016 12:15:00 AM 563400.000 11.373 17.559 25.923
1796.939 2094.616 1.424 1.080 556.502
1.000 14.849
1/25/2016 12:30:00 AM 564300.000 11.374 17.559 25.924
1798.840 2096.848 1.426 1.081 555.914
1.000 14.850
1/25/2016 12:45:00 AM 565200.000 11.371 17.559 25.919
1798.816 2096.803 1.426 1.081 555.921
1.000 14.853
1/25/2016 1:00:00 AM 566100.000 11.377 17.559 25.932
1800.817 2099.135 1.427 1.083 555.304
1.000 14.847
1/25/2016 1:15:00 AM 567000.000 11.380 17.560 25.939
1802.579 2101.182 1.429 1.084 554.761
1.000 14.844
1/25/2016 1:30:00 AM 567900.000 11.378 17.559 25.933
1802.322 2100.902 1.429 1.084 554.840
1.000 14.846
1/25/2016 1:45:00 AM 568800.000 11.377 17.559 25.931
1800.981 2099.335 1.428 1.083 555.253
1.000 14.847

1/25/2016 2:00:00 AM	569700.000	11.369	17.559	25.914	1800.056	2098.257
1.427	1.082	555.538	1.000	14.854		
1/25/2016 2:15:00 AM	570600.000	11.380	17.559	25.938	1799.011	2097.060
1.426	1.082	555.861	1.000	14.844		
1/25/2016 2:30:00 AM	571500.000	11.374	17.559	25.926	1798.367	2096.297
1.425	1.081	556.060	1.000	14.848		
1/25/2016 2:45:00 AM	572400.000	11.376	17.560	25.930	1797.965	2095.795
1.425	1.081	556.184	1.000	14.845		
1/25/2016 3:00:00 AM	573300.000	11.382	17.560	25.943	1800.207	2098.417
1.427	1.082	555.492	1.000	14.840		
1/25/2016 3:15:00 AM	574200.000	11.379	17.559	25.936	1799.495	2097.604
1.426	1.082	555.711	1.000	14.842		
1/25/2016 3:30:00 AM	575100.000	11.388	17.560	25.956	1799.751	2097.885
1.427	1.082	555.633	1.000	14.832		
1/25/2016 3:45:00 AM	576000.000	11.378	17.560	25.933	1796.670	2094.274
1.424	1.080	556.585	1.000	14.841		
1/25/2016 4:00:00 AM	576900.000	11.376	17.559	25.930	1797.548	2095.329
1.425	1.081	556.313	1.000	14.842		
1/25/2016 4:15:00 AM	577800.000	11.375	17.560	25.927	1796.686	2094.317
1.424	1.080	556.580	1.000	14.842		
1/25/2016 4:30:00 AM	578700.000	11.373	17.559	25.923	1795.098	2092.494
1.423	1.079	557.073	1.000	14.844		
1/25/2016 4:45:00 AM	579600.000	11.376	17.559	25.929	1795.498	2092.944
1.423	1.079	556.949	1.000	14.841		
1/25/2016 5:00:00 AM	580500.000	11.375	17.560	25.926	1795.700	2093.164
1.423	1.079	556.886	1.000	14.842		
1/25/2016 5:15:00 AM	581400.000	11.383	17.559	25.945	1796.668	2094.320
1.424	1.080	556.586	1.000	14.833		
1/25/2016 5:30:00 AM	582300.000	11.374	17.559	25.926	1798.153	2096.047
1.425	1.081	556.126	1.000	14.841		
1/25/2016 5:45:00 AM	583200.000	11.369	17.559	25.913	1798.132	2096.018
1.425	1.081	556.133	1.000	14.847		
1/25/2016 6:00:00 AM	584100.000	11.376	17.560	25.930	1799.361	2097.427
1.426	1.082	555.753	1.000	14.840		
1/25/2016 6:15:00 AM	585000.000	11.378	17.559	25.933	1799.800	2097.963
1.427	1.082	555.617	1.000	14.840		
1/25/2016 6:30:00 AM	585900.000	11.379	17.560	25.937	1800.720	2099.019
1.427	1.083	555.333				

1.000 14.839
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1801.805 2100.292 1.428 1.083 554.999
1.000 14.842
1/25/2016 7:00:00 AM 587700.000 11.377 17.559 25.932
1801.355 2099.767 1.428 1.083 555.138
1.000 14.839
1/25/2016 7:15:00 AM 588600.000 11.373 17.559 25.922
1802.391 2100.979 1.429 1.084 554.819
1.000 14.845
1/25/2016 7:30:00 AM 589500.000 11.370 17.560 25.915
1802.724 2101.346 1.429 1.084 554.716
1.000 14.849
1/25/2016 7:45:00 AM 590400.000 11.364 17.559 25.903
1800.979 2099.345 1.428 1.083 555.254
1.000 14.856
1/25/2016 8:00:00 AM 591300.000 11.366 17.559 25.907
1800.335 2098.586 1.427 1.082 555.452
1.000 14.856
1/25/2016 8:15:00 AM 592200.000 11.365 17.559 25.904
1799.609 2097.745 1.426 1.082 555.676
1.000 14.857
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1799.123 2097.157 1.426 1.082 555.826
1.000 14.869
1/25/2016 8:45:00 AM 594000.000 11.368 17.559 25.911
1797.419 2095.187 1.425 1.081 556.353
1.000 14.858
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1796.496 2094.091 1.424 1.080 556.639
1.000 14.860
1/25/2016 9:15:00 AM 595800.000 11.362 17.559 25.898
1795.931 2093.441 1.424 1.080 556.814
1.000 14.866
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1797.973 2095.813 1.425 1.081 556.182
1.000 14.864
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1802.698 2101.303 1.429 1.084 554.724
1.000 14.865
1/25/2016 10:00:00 AM 598500.000 11.381 17.559 25.941
1801.478 2099.927 1.428 1.083 555.100
1.000 14.853
1/25/2016 10:15:00 AM 599400.000 11.379 17.559 25.936
1800.495 2098.773 1.427 1.082 555.403
1.000 14.854
1/25/2016 10:30:00 AM 600300.000 11.376 17.559 25.930
1799.511 2097.647 1.426 1.082 555.706
1.000 14.858
1/25/2016 10:45:00 AM 601200.000 11.379 17.560 25.935
1801.798 2100.271 1.428 1.083 555.001
1.000 14.854
1/25/2016 11:00:00 AM 602100.000 11.372 17.559 25.921
1806.627 2105.920 1.432 1.086 553.518
1.000 14.862
1/25/2016 11:15:00 AM 603000.000 11.375 17.559 25.927

1801.566 2100.026 1.428 1.083 555.073
1.000 14.860
1/25/2016 11:30:00 AM 603900.000 11.375 17.559 25.928
1801.081 2099.452 1.428 1.083 555.222
1.000 14.859
1/25/2016 11:45:00 AM 604800.000 11.378 17.559 25.933
1802.099 2100.639 1.428 1.083 554.908
1.000 14.856
1/25/2016 12:00:00 PM 605700.000 11.377 17.559 25.932
1802.207 2100.764 1.429 1.084 554.875
1.000 14.857
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1799.823 2097.989 1.427 1.082 555.610
1.000 14.851
1/25/2016 12:30:00 PM 607500.000 11.386 17.559 25.953
1798.409 2096.329 1.426 1.081 556.047
1.000 14.845
1/25/2016 12:45:00 PM 608400.000 11.392 17.559 25.966
1797.427 2095.196 1.425 1.081 556.351
1.000 14.838
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1798.648 2096.616 1.426 1.081 555.973
1.000 14.847
1/25/2016 1:15:00 PM 610200.000 11.388 17.560 25.957
1798.443 2096.365 1.426 1.081 556.037
1.000 14.839
1/25/2016 1:30:00 PM 611100.000 11.383 17.559 25.946
1797.414 2095.177 1.425 1.080 556.355
1.000 14.839
1/25/2016 1:45:00 PM 612000.000 11.391 17.559 25.963
1796.695 2094.331 1.424 1.080 556.578
1.000 14.830
1/25/2016 2:00:00 PM 612900.000 11.390 17.560 25.961
1795.441 2092.857 1.423 1.079 556.966
1.000 14.830
1/25/2016 2:15:00 PM 613800.000 11.393 17.560 25.968
1797.343 2095.075 1.425 1.080 556.377
1.000 14.824
1/25/2016 2:30:00 PM 614700.000 11.395 17.560 25.972
1796.956 2094.627 1.424 1.080 556.497
1.000 14.825
1/25/2016 2:45:00 PM 615600.000 11.386 17.560 25.951
1798.142 2096.013 1.425 1.081 556.130
1.000 14.830
1/25/2016 3:00:00 PM 616500.000 11.386 17.559 25.953
1798.270 2096.175 1.425 1.081 556.090
1.000 14.824
1/25/2016 3:15:00 PM 617400.000 11.379 17.559 25.936
1797.406 2095.172 1.425 1.080 556.357
1.000 14.831
1/25/2016 3:30:00 PM 618300.000 11.372 17.559 25.919
1793.151 2090.204 1.421 1.078 557.678
1.000 14.833
1/25/2016 3:45:00 PM 619200.000 11.378 17.559 25.934
1794.168 2091.393 1.422 1.078 557.362
1.000 14.832

1/25/2016 4:00:00 PM	620100.000	11.378	17.559	25.934
1799.169	2097.232	1.426	1.082	555.812
1.000	14.832			
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1797.632	2095.423	1.425	1.081	556.287
1.000	14.832			
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1796.354	2093.938	1.424	1.080	556.683
1.000	14.839			
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1798.471	2096.376	1.426	1.081	556.028
1.000	14.840			
1/25/2016 5:00:00 PM	623700.000	11.373	17.560	25.922
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1.000	14.840			
1/25/2016 5:15:00 PM	624600.000	11.369	17.559	25.914
1796.118	2093.662	1.424	1.080	556.756
1.000	14.845			
1/25/2016 5:30:00 PM	625500.000	11.371	17.560	25.917
1796.041	2093.544	1.424	1.080	556.780
1.000	14.843			
1/25/2016 5:45:00 PM	626400.000	11.372	17.559	25.920
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1.000	14.843			
1/25/2016 6:00:00 PM	627300.000	11.379	17.559	25.937
1797.376	2095.142	1.425	1.080	556.367
1.000	14.839			
1/25/2016 6:15:00 PM	628200.000	11.376	17.560	25.929
1800.727	2099.027	1.427	1.083	555.331
1.000	14.842			
1/25/2016 6:30:00 PM	629100.000	11.371	17.559	25.917
1799.774	2097.932	1.427	1.082	555.625
1.000	14.849			
1/25/2016 6:45:00 PM	630000.000	11.370	17.559	25.915
1800.090	2098.300	1.427	1.082	555.528
1.000	14.852			
1/25/2016 7:00:00 PM	630900.000	11.358	17.560	25.889
1799.337	2097.391	1.426	1.082	555.760
1.000	14.863			
1/25/2016 7:15:00 PM	631800.000	11.365	17.559	25.905
1798.234	2096.125	1.425	1.081	556.101
1.000	14.858			
1/25/2016 7:30:00 PM	632700.000	11.367	17.560	25.910
1799.923	2098.085	1.427	1.082	555.579
1.000	14.858			
1/25/2016 7:45:00 PM	633600.000	11.364	17.559	25.901
1800.387	2098.634	1.427	1.082	555.436
1.000	14.864			
1/25/2016 8:00:00 PM	634500.000	11.378	17.560	25.935
1798.956	2096.963	1.426	1.081	555.878
1.000	14.851			
1/25/2016 8:15:00 PM	635400.000	11.373	17.560	25.923
1798.795	2096.759	1.426	1.081	555.928
1.000	14.857			
1/25/2016 8:30:00 PM	636300.000	11.374	17.559	25.925
1799.527	2097.652	1.426	1.082	555.702

1.000 14.858
1/25/2016 8:45:00 PM 637200.000 11.376 17.559 25.931
1799.394 2097.477 1.426 1.082 555.743
1.000 14.855
1/25/2016 9:00:00 PM 638100.000 11.373 17.559 25.923
1797.284 2095.035 1.425 1.080 556.395
1.000 14.859
1/25/2016 9:15:00 PM 639000.000 11.376 17.559 25.930
1796.502 2094.122 1.424 1.080 556.637
1.000 14.856
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1.000 14.864
1/25/2016 9:45:00 PM 640800.000 11.371 17.560 25.917
1797.304 2095.025 1.425 1.080 556.389
1.000 14.865
1/25/2016 10:00:00 PM 641700.000 11.372 17.559 25.921
1796.845 2094.518 1.424 1.080 556.531
1.000 14.864
1/25/2016 10:15:00 PM 642600.000 11.373 17.559 25.923
1795.795 2093.291 1.423 1.079 556.856
1.000 14.863
1/25/2016 10:30:00 PM 643500.000 11.372 17.559 25.920
1796.135 2093.695 1.424 1.080 556.751
1.000 14.865
1/25/2016 10:45:00 PM 644400.000 11.373 17.559 25.923
1798.449 2096.375 1.426 1.081 556.035
1.000 14.865
1/25/2016 11:00:00 PM 645300.000 11.378 17.559 25.934
1796.957 2094.657 1.424 1.080 556.496
1.000 14.862
1/25/2016 11:15:00 PM 646200.000 11.379 17.559 25.936
1797.478 2095.243 1.425 1.081 556.335
1.000 14.862
1/25/2016 11:30:00 PM 647100.000 11.376 17.560 25.929
1798.440 2096.337 1.426 1.081 556.037
1.000 14.865
1/25/2016 11:45:00 PM 648000.000 11.376 17.560 25.930
1800.016 2098.166 1.427 1.082 555.551
1.000 14.870
1/26/2016 12:00:00 AM 648900.000 11.374 17.559 25.924
1798.953 2096.967 1.426 1.081 555.879
1.000 14.869
1/26/2016 12:15:00 AM 649800.000 11.378 17.560 25.933
1799.010 2097.021 1.426 1.081 555.861
1.000 14.864
1/26/2016 12:30:00 AM 650700.000 11.380 17.560 25.939
1798.674 2096.622 1.426 1.081 555.965
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1.000 14.857
1/27/2016 2:00:00 PM 785700.000 11.394 17.560 25.971
1796.874 2094.531 1.424 1.080 556.522
1.000 14.855
1/27/2016 2:15:00 PM 786600.000 11.390 17.559 25.962
1798.760 2096.758 1.426 1.081 555.939
1.000 14.859
1/27/2016 2:30:00 PM 787500.000 11.383 17.559 25.946
1798.794 2096.777 1.426 1.081 555.928

1.000 14.863
1/27/2016 2:45:00 PM 788400.000 11.395 17.560 25.973
1797.729 2095.528 1.425 1.081 556.257
1.000 14.853
1/27/2016 3:00:00 PM 789300.000 11.393 17.559 25.969
1797.623 2095.412 1.425 1.081 556.290
1.000 14.853
1/27/2016 3:15:00 PM 790200.000 11.393 17.559 25.969
1795.520 2092.965 1.423 1.079 556.942
1.000 14.852
1/27/2016 3:30:00 PM 791100.000 11.396 17.559 25.976
1798.973 2096.995 1.426 1.081 555.873
1.000 14.849
1/27/2016 3:45:00 PM 792000.000 11.399 17.559 25.982
1796.313 2093.890 1.424 1.080 556.696
1.000 14.845
1/27/2016 4:00:00 PM 792900.000 11.397 17.559 25.977
1792.761 2089.749 1.421 1.078 557.799
1.000 14.846
1/27/2016 4:15:00 PM 793800.000 11.387 17.559 25.955
1798.226 2096.124 1.425 1.081 556.104
1.000 14.855
1/27/2016 4:30:00 PM 794700.000 11.395 17.560 25.973
1798.652 2096.600 1.426 1.081 555.972
1.000 14.846
1/27/2016 4:45:00 PM 795600.000 11.384 17.559 25.948
1798.774 2096.754 1.426 1.081 555.934
1.000 14.857
1/27/2016 5:00:00 PM 796500.000 11.388 17.560 25.958
1797.426 2095.172 1.425 1.080 556.351
1.000 14.853
1/27/2016 5:15:00 PM 797400.000 11.379 17.560 25.936
1796.561 2094.170 1.424 1.080 556.619
1.000 14.862
1/27/2016 5:30:00 PM 798300.000 11.383 17.560 25.945
1799.297 2097.348 1.426 1.082 555.773
1.000 14.859
1/27/2016 5:45:00 PM 799200.000 11.384 17.560 25.947
1799.876 2098.010 1.427 1.082 555.594
1.000 14.858
1/27/2016 6:00:00 PM 800100.000 11.394 17.559 25.970
1797.977 2095.830 1.425 1.081 556.181
1.000 14.850
1/27/2016 6:15:00 PM 801000.000 11.384 17.560 25.947
1799.703 2097.821 1.427 1.082 555.647
1.000 14.859
1/27/2016 6:30:00 PM 801900.000 11.385 17.560 25.950
1795.459 2092.879 1.423 1.079 556.961
1.000 14.860
1/27/2016 6:45:00 PM 802800.000 11.383 17.560 25.945
1794.998 2092.350 1.423 1.079 557.104
1.000 14.867
1/27/2016 7:00:00 PM 803700.000 11.387 17.560 25.955
1795.716 2093.178 1.423 1.079 556.881
1.000 14.861
1/27/2016 7:15:00 PM 804600.000 11.380 17.560 25.938

1794.465 2091.720 1.422 1.079 557.269
1.000 14.869
1/27/2016 7:30:00 PM 805500.000 11.387 17.560 25.955
1792.497 2089.421 1.421 1.077 557.881
1.000 14.862
1/27/2016 7:45:00 PM 806400.000 11.381 17.560 25.942
1792.008 2088.851 1.420 1.077 558.033
1.000 14.869
1/27/2016 8:00:00 PM 807300.000 11.386 17.560 25.953
1790.911 2087.544 1.420 1.076 558.375
1.000 14.866
1/27/2016 8:15:00 PM 808200.000 11.387 17.559 25.955
1796.802 2094.460 1.424 1.080 556.544
1.000 14.867
1/27/2016 8:30:00 PM 809100.000 11.380 17.560 25.939
1796.069 2093.585 1.424 1.080 556.771
1.000 14.872
1/27/2016 8:45:00 PM 810000.000 11.380 17.560 25.938
1795.996 2093.505 1.424 1.080 556.794
1.000 14.876
1/27/2016 9:00:00 PM 810900.000 11.383 17.560 25.945
1795.906 2093.383 1.424 1.080 556.822
1.000 14.872
1/27/2016 9:15:00 PM 811800.000 11.387 17.559 25.953
1797.292 2095.043 1.425 1.080 556.393
1.000 14.870
1/27/2016 9:30:00 PM 812700.000 11.385 17.560 25.950
1797.188 2094.877 1.425 1.080 556.425
1.000 14.873
1/27/2016 9:45:00 PM 813600.000 11.390 17.560 25.960
1798.745 2096.700 1.426 1.081 555.943
1.000 14.869
1/27/2016 10:00:00 PM 814500.000 11.384 17.560 25.948
1799.079 2097.094 1.426 1.082 555.840
1.000 14.875
1/27/2016 10:15:00 PM 815400.000 11.384 17.560 25.947
1800.776 2099.072 1.427 1.083 555.316
1.000 14.876
1/27/2016 10:30:00 PM 816300.000 11.389 17.559 25.959
1804.077 2102.940 1.430 1.085 554.300
1.000 14.871
1/27/2016 10:45:00 PM 817200.000 11.386 17.560 25.952
1802.667 2101.272 1.429 1.084 554.734
1.000 14.875
1/27/2016 11:00:00 PM 818100.000 11.387 17.560 25.954
1800.984 2099.323 1.428 1.083 555.252
1.000 14.877
1/27/2016 11:15:00 PM 819000.000 11.389 17.559 25.958
1800.067 2098.266 1.427 1.082 555.535
1.000 14.875
1/27/2016 11:30:00 PM 819900.000 11.384 17.560 25.947
1798.918 2096.902 1.426 1.081 555.890
1.000 14.879
1/27/2016 11:45:00 PM 820800.000 11.392 17.560 25.967
1798.481 2096.372 1.426 1.081 556.025
1.000 14.872

Report Date: 2/1/2016 10:39:50 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-8D LT Test_2016-01-28_09-17-23-673-BaroMerge.wsl
Create Date: 2/1/2016 10:37:01 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
2/1/2016 10:37:01 AM	User Note: "Pressure & Level adjusted by baro data from: "MPWSP BaroTroll Pre Test_2016-01-28_14-47-48-317.wsl""

Log Data:
Record Count: 950
Sensors: 2
1 - 437552: PCTD 300 PSIA (200.7m/658.7ft)
2 - 0: Baro-Adjustment Calc
Time Zone: Pacific Standard Time

	Sensor: PCTD(A) 658.7ft	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#: 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)	
1/21/2016 12:00:00 AM	216900.000	132.251	20.392	301.441	10478.935	11490.283	6.621	7813.393	95.430	1.003	14.838	
1/21/2016 12:15:00 AM	217800.000	132.260	20.381	301.460	10480.938	11495.064	6.624	7816.644	95.411	1.003	14.831	
1/21/2016 12:30:00 AM	218700.000	132.253	20.367	301.445	10476.908	11493.906	6.623	7815.857	95.448	1.003	14.830	
1/21/2016 12:45:00 AM	219600.000	132.266	20.382	301.474	10481.504	11495.434	6.624	7816.896	95.406	1.003	14.827	
1/21/2016 1:00:00 AM	220500.000	132.258	20.376	301.457	10483.698	11499.250	6.627	7819.490	95.386	1.003	14.827	
1/21/2016 1:15:00 AM	221400.000	132.260	20.366	301.461	10480.293	11497.912	6.626	7818.581	95.417	1.003	14.824	
1/21/2016 1:30:00 AM	222300.000	132.257	20.378	301.453	10479.514	11494.282	6.624	7816.112	95.424	1.003	14.820	
1/21/2016 1:45:00 AM	223200.000	132.253	20.381	301.445								

10481.334 11495.438 6.624 7816.899 95.408
1.003 14.822
1/21/2016 2:00:00 AM 224100.000 132.256 20.368 301.453
10477.607 11494.439 6.624 7816.219 95.442
1.003 14.819
1/21/2016 2:15:00 AM 225000.000 132.260 20.381 301.460
10480.580 11494.737 6.624 7816.422 95.415
1.003 14.825
1/21/2016 2:30:00 AM 225900.000 132.253 20.383 301.446
10482.498 11496.315 6.625 7817.495 95.397
1.003 14.825
1/21/2016 2:45:00 AM 226800.000 132.257 20.385 301.454
10482.190 11495.367 6.624 7816.850 95.400
1.003 14.827
1/21/2016 3:00:00 AM 227700.000 132.259 20.394 301.459
10484.084 11495.280 6.624 7816.791 95.383
1.003 14.817
1/21/2016 3:15:00 AM 228600.000 132.268 20.380 301.479
10482.054 11496.415 6.625 7817.563 95.401
1.003 14.815
1/21/2016 3:30:00 AM 229500.000 132.258 20.385 301.456
10481.910 11495.061 6.624 7816.641 95.402
1.003 14.824
1/21/2016 3:45:00 AM 230400.000 132.266 20.379 301.474
10483.484 11498.278 6.626 7818.830 95.388
1.003 14.817
1/21/2016 4:00:00 AM 231300.000 132.258 20.389 301.457
10482.641 11494.894 6.624 7816.528 95.396
1.003 14.820
1/21/2016 4:15:00 AM 232200.000 132.273 20.386 301.490
10481.842 11494.796 6.624 7816.461 95.403
1.003 14.816
1/21/2016 4:30:00 AM 233100.000 132.274 20.380 301.492
10475.609 11489.390 6.621 7812.786 95.460
1.003 14.814
1/21/2016 4:45:00 AM 234000.000 132.315 20.387 301.588
10481.945 11494.680 6.624 7816.383 95.402
1.003 14.815
1/21/2016 5:00:00 AM 234900.000 132.281 20.384 301.509
10479.408 11492.758 6.623 7815.075 95.425
1.003 14.812
1/21/2016 5:15:00 AM 235800.000 132.295 20.380 301.541
10478.771 11492.899 6.623 7815.172 95.431
1.003 14.807
1/21/2016 5:30:00 AM 236700.000 132.301 20.372 301.554
10476.568 11492.460 6.623 7814.873 95.451
1.003 14.810
1/21/2016 5:45:00 AM 237600.000 132.306 20.380 301.566
10478.565 11492.674 6.623 7815.019 95.433
1.003 14.808
1/21/2016 6:00:00 AM 238500.000 132.317 20.371 301.591
10475.548 11491.445 6.622 7814.184 95.460
1.003 14.803
1/21/2016 6:15:00 AM 239400.000 132.339 20.365 301.641
10476.200 11493.842 6.623 7815.813 95.454
1.003 14.797
1/21/2016 6:30:00 AM 240300.000 132.338 20.369 301.639

10477.388 11493.967 6.623 7815.898 95.444
1.003 14.802
1/21/2016 6:45:00 AM 241200.000 132.371 20.390 301.715
10478.039 11489.723 6.621 7813.012 95.438
1.003 14.804
1/21/2016 7:00:00 AM 242100.000 132.359 20.380 301.688
10477.892 11491.872 6.622 7814.474 95.439
1.003 14.801
1/21/2016 7:15:00 AM 243000.000 132.363 20.393 301.695
10482.026 11493.256 6.623 7815.415 95.401
1.003 14.803
1/21/2016 7:30:00 AM 243900.000 132.368 20.389 301.707
10477.824 11489.801 6.621 7813.065 95.440
1.003 14.809
1/21/2016 7:45:00 AM 244800.000 132.411 20.381 301.806
10480.102 11494.232 6.624 7816.079 95.419
1.003 14.812
1/21/2016 8:00:00 AM 245700.000 132.389 20.383 301.754
10478.906 11492.249 6.622 7814.729 95.430
1.003 14.812
1/21/2016 8:15:00 AM 246600.000 132.403 20.379 301.787
10476.434 11490.587 6.621 7813.600 95.452
1.003 14.802
1/21/2016 8:30:00 AM 247500.000 132.399 20.386 301.778
10480.758 11493.628 6.623 7815.667 95.413
1.003 14.812
1/21/2016 8:45:00 AM 248400.000 132.413 20.393 301.810
10482.123 11493.382 6.623 7815.500 95.401
1.003 14.808
1/21/2016 9:00:00 AM 249300.000 132.426 20.381 301.841
10477.971 11491.770 6.622 7814.403 95.438
1.003 14.808
1/21/2016 9:15:00 AM 250200.000 132.479 20.378 301.960
10474.731 11489.101 6.620 7812.589 95.468
1.003 14.807
1/21/2016 9:30:00 AM 251100.000 132.430 20.371 301.849
10471.614 11487.255 6.619 7811.333 95.496
1.003 14.815
1/21/2016 9:45:00 AM 252000.000 132.454 20.382 301.902
10474.606 11487.827 6.620 7811.723 95.469
1.003 14.809
1/21/2016 10:00:00 AM 252900.000 132.455 20.383 301.907
10472.060 11484.824 6.618 7809.681 95.492
1.003 14.806
1/21/2016 10:15:00 AM 253800.000 132.447 20.391 301.889
10473.463 11484.558 6.618 7809.499 95.479
1.003 14.809
1/21/2016 10:30:00 AM 254700.000 132.449 20.400 301.892
10471.421 11480.113 6.615 7806.478 95.498
1.003 14.811
1/21/2016 10:45:00 AM 255600.000 132.483 20.392 301.971
10471.296 11481.783 6.616 7807.613 95.499
1.003 14.801
1/21/2016 11:00:00 AM 256500.000 132.447 20.372 301.887
10463.184 11477.798 6.613 7804.903 95.573
1.003 14.810
1/21/2016 11:15:00 AM 257400.000 132.430 20.394 301.849

10469.045 11478.979 6.614 7805.707 95.520
1.003 14.814
1/21/2016 11:30:00 AM 258300.000 132.438 20.375 301.867
10462.767 11476.669 6.613 7804.135 95.577
1.003 14.810
1/21/2016 11:45:00 AM 259200.000 132.425 20.372 301.838
10458.936 11473.052 6.611 7801.676 95.612
1.003 14.795
1/21/2016 12:00:00 PM 260100.000 132.424 20.393 301.834
10462.232 11471.781 6.610 7800.812 95.582
1.003 14.793
1/21/2016 12:15:00 PM 261000.000 132.430 20.388 301.849
10460.217 11470.726 6.609 7800.094 95.600
1.003 14.789
1/21/2016 12:30:00 PM 261900.000 132.410 20.377 301.804
10458.323 11471.144 6.609 7800.378 95.618
1.003 14.790
1/21/2016 12:45:00 PM 262800.000 132.404 20.368 301.790
10452.762 11467.183 6.607 7797.685 95.668
1.003 14.793
1/21/2016 1:00:00 PM 263700.000 132.382 20.384 301.739
10457.142 11468.190 6.608 7798.370 95.628
1.003 14.791
1/21/2016 1:15:00 PM 264600.000 132.389 20.382 301.755
10454.490 11465.765 6.606 7796.721 95.653
1.003 14.788
1/21/2016 1:30:00 PM 265500.000 132.389 20.388 301.754
10453.154 11462.833 6.604 7794.727 95.665
1.003 14.787
1/21/2016 1:45:00 PM 266400.000 132.352 20.385 301.670
10454.064 11464.563 6.605 7795.904 95.657
1.003 14.777
1/21/2016 2:00:00 PM 267300.000 132.338 20.386 301.638
10453.110 11463.328 6.605 7795.063 95.665
1.003 14.778
1/21/2016 2:15:00 PM 268200.000 132.323 20.389 301.606
10455.188 11464.790 6.605 7796.058 95.646
1.003 14.778
1/21/2016 2:30:00 PM 269100.000 132.324 20.381 301.607
10454.979 11466.679 6.607 7797.342 95.648
1.003 14.768
1/21/2016 2:45:00 PM 270000.000 132.306 20.380 301.565
10449.049 11460.301 6.603 7793.005 95.702
1.003 14.763
1/21/2016 3:00:00 PM 270900.000 132.307 20.380 301.568
10451.253 11462.740 6.604 7794.664 95.682
1.003 14.765
1/21/2016 3:15:00 PM 271800.000 132.276 20.378 301.499
10449.475 11461.210 6.603 7793.624 95.699
1.003 14.770
1/21/2016 3:30:00 PM 272700.000 132.277 20.379 301.501
10449.659 11461.179 6.603 7793.602 95.697
1.003 14.760
1/21/2016 3:45:00 PM 273600.000 132.260 20.375 301.461
10449.582 11462.080 6.604 7794.215 95.698
1.003 14.765
1/21/2016 4:00:00 PM 274500.000 132.251 20.385 301.440

10452.429	11462.920	6.604	7794.786	95.672	1.003	14.757
1/21/2016 4:15:00 PM	275400.000	132.244	20.378	301.424	10450.862	11462.876
6.604	7794.756	95.686	1.003	14.761		
1/21/2016 4:30:00 PM	276300.000	132.227	20.381	301.386	10452.313	11463.692
6.605	7795.312	95.673	1.003	14.751		
1/21/2016 4:45:00 PM	277200.000	132.224	20.385	301.379	10451.359	11461.767
6.604	7794.002	95.681	1.003	14.751		
1/21/2016 5:00:00 PM	278100.000	132.252	20.395	301.442	10453.689	11461.933
6.604	7794.115	95.660	1.003	14.748		
1/21/2016 5:15:00 PM	279000.000	132.235	20.389	301.405	10454.283	11463.903
6.605	7795.455	95.655	1.003	14.750		
1/21/2016 5:30:00 PM	279900.000	132.197	20.381	301.318	10454.349	11465.902
6.606	7796.814	95.654	1.003	14.746		
1/21/2016 5:45:00 PM	280800.000	132.197	20.374	301.317	10452.409	11465.475
6.606	7796.523	95.672	1.003	14.751		
1/21/2016 6:00:00 PM	281700.000	132.192	20.393	301.307	10463.262	11472.825
6.610	7801.521	95.572	1.003	14.747		
1/21/2016 6:15:00 PM	282600.000	132.222	20.385	301.375	10459.730	11470.777
6.609	7800.129	95.605	1.003	14.752		
1/21/2016 6:30:00 PM	283500.000	132.200	20.389	301.324	10465.729	11476.370
6.613	7803.932	95.550	1.003	14.753		
1/21/2016 6:45:00 PM	284400.000	132.187	20.384	301.295	10466.282	11478.173
6.614	7805.158	95.545	1.003	14.752		
1/21/2016 7:00:00 PM	285300.000	132.220	20.389	301.370	10468.848	11479.853
6.615	7806.300	95.521	1.003	14.755		
1/21/2016 7:15:00 PM	286200.000	132.197	20.384	301.318	10471.397	11483.847
6.617	7809.016	95.498	1.003	14.760		
1/21/2016 7:30:00 PM	287100.000	132.199	20.390	301.322	10477.609	11489.167
6.621	7812.634	95.442	1.003	14.758		
1/21/2016 7:45:00 PM	288000.000	132.212	20.380	301.352	10477.361	11491.436
6.622	7814.177	95.444	1.003	14.758		
1/21/2016 8:00:00 PM	288900.000	132.209	20.386	301.346	10480.888	11493.770
6.623	7815.764	95.412	1.003	14.766		
1/21/2016 8:15:00 PM	289800.000	132.204	20.397	301.334	10485.288	11495.884
6.625	7817.202	95.372	1.003	14.766		
1/21/2016 8:30:00 PM	290700.000	132.210	20.387	301.348	10483.477	11496.295
6.625	7817.481	95.388	1.003	14.767		
1/21/2016 8:45:00 PM	291600.000	132.217	20.392	301.364		

10490.046 11502.403 6.629 7821.635 95.328
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1/23/2016 9:45:00 AM 424800.000 132.457 20.382 301.910
10507.289 11523.754 6.642 7836.153 95.172
1.003 14.790
1/23/2016 10:00:00 AM 425700.000 132.465 20.392 301.928
10508.478 11522.553 6.641 7835.336 95.161
1.003 14.795
1/23/2016 10:15:00 AM 426600.000 132.463 20.396 301.925
10511.398 11524.955 6.643 7836.970 95.135
1.003 14.797
1/23/2016 10:30:00 AM 427500.000 132.472 20.389 301.944
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1.003 14.800
1/23/2016 10:45:00 AM 428400.000 132.479 20.383 301.960

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1.003 14.798
1/23/2016 11:00:00 AM 429300.000 132.482 20.392 301.966
10512.313 11526.736 6.644 7838.181 95.127
1.003 14.798
1/23/2016 11:15:00 AM 430200.000 132.479 20.392 301.962
10512.987 11527.453 6.644 7838.668 95.120
1.003 14.798
1/23/2016 11:30:00 AM 431100.000 132.499 20.389 302.006
10508.521 11523.423 6.642 7835.928 95.161
1.003 14.793
1/23/2016 11:45:00 AM 432000.000 132.498 20.365 302.004
10502.529 11522.537 6.641 7835.326 95.215
1.003 14.790
1/23/2016 12:00:00 PM 432900.000 132.499 20.378 302.005
10505.335 11522.456 6.641 7835.271 95.190
1.003 14.787
1/23/2016 12:15:00 PM 433800.000 132.505 20.373 302.020
10502.608 11520.749 6.640 7834.110 95.214
1.003 14.784
1/23/2016 12:30:00 PM 434700.000 132.501 20.383 302.012
10504.669 11520.670 6.640 7834.056 95.196
1.003 14.782
1/23/2016 12:45:00 PM 435600.000 132.489 20.392 301.984
10508.774 11522.964 6.642 7835.616 95.159
1.003 14.780
1/23/2016 1:00:00 PM 436500.000 132.490 20.386 301.986
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1.003 14.778
1/23/2016 1:15:00 PM 437400.000 132.484 20.389 301.973
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1.003 14.775
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1.003 14.774
1/23/2016 1:45:00 PM 439200.000 132.455 20.380 301.906
10493.939 11509.618 6.633 7826.541 95.293
1.003 14.779
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1.003 14.777
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1.003 14.775
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1.003 14.782
1/23/2016 2:45:00 PM 442800.000 132.413 20.384 301.810
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1.003 14.782
1/23/2016 3:00:00 PM 443700.000 132.406 20.395 301.793
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1.003 14.778
1/23/2016 3:15:00 PM 444600.000 132.392 20.380 301.763
10494.009 11509.549 6.633 7826.494 95.292
1.003 14.786
1/23/2016 3:30:00 PM 445500.000 132.378 20.390 301.729

10490.816	11503.713	6.630	7822.525	95.321	1.003	14.785
1/23/2016 3:45:00 PM	446400.000	132.396	20.385	301.771	10486.185	11499.875
6.627	7819.916	95.364	1.003	14.789		
1/23/2016 4:00:00 PM	447300.000	132.353	20.388	301.673	10490.013	11503.358
6.629	7822.284	95.329	1.003	14.787		
1/23/2016 4:15:00 PM	448200.000	132.380	20.382	301.736	10486.759	11501.282
6.628	7820.872	95.358	1.003	14.786		
1/23/2016 4:30:00 PM	449100.000	132.320	20.387	301.597	10489.939	11503.549
6.630	7822.414	95.329	1.003	14.790		
1/23/2016 4:45:00 PM	450000.000	132.306	20.390	301.566	10488.446	11501.177
6.628	7820.801	95.343	1.003	14.797		
1/23/2016 5:00:00 PM	450900.000	132.319	20.376	301.595	10486.610	11502.380
6.629	7821.619	95.360	1.003	14.784		
1/23/2016 5:15:00 PM	451800.000	132.292	20.387	301.535	10486.756	11500.058
6.627	7820.039	95.358	1.003	14.790		
1/23/2016 5:30:00 PM	452700.000	132.281	20.375	301.509	10489.105	11505.433
6.631	7823.695	95.337	1.003	14.792		
1/23/2016 5:45:00 PM	453600.000	132.299	20.389	301.549	10495.947	11509.591
6.633	7826.522	95.275	1.003	14.794		
1/23/2016 6:00:00 PM	454500.000	132.248	20.385	301.435	10497.012	11511.708
6.635	7827.962	95.265	1.003	14.800		
1/23/2016 6:15:00 PM	455400.000	132.269	20.386	301.481	10503.058	11518.103
6.639	7832.310	95.210	1.003	14.807		
1/23/2016 6:30:00 PM	456300.000	132.246	20.390	301.429	10502.938	11517.130
6.638	7831.649	95.211	1.003	14.800		
1/23/2016 6:45:00 PM	457200.000	132.237	20.379	301.409	10502.313	11519.016
6.639	7832.931	95.217	1.003	14.802		
1/23/2016 7:00:00 PM	458100.000	132.227	20.384	301.386	10506.334	11522.308
6.641	7835.170	95.181	1.003	14.802		
1/23/2016 7:15:00 PM	459000.000	132.225	20.393	301.382	10511.912	11526.234
6.644	7837.840	95.130	1.003	14.804		
1/23/2016 7:30:00 PM	459900.000	132.223	20.390	301.377	10512.372	11527.330
6.644	7838.585	95.126	1.003	14.805		
1/23/2016 7:45:00 PM	460800.000	132.228	20.384	301.389	10513.829	11530.316
6.646	7840.616	95.113	1.003	14.799		
1/23/2016 8:00:00 PM	461700.000	132.216	20.388	301.361	10517.915	11533.911
6.648	7843.060	95.076	1.003	14.808		
1/23/2016 8:15:00 PM	462600.000	132.226	20.384	301.383		

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1.003 14.806
1/23/2016 8:30:00 PM 463500.000 132.221 20.382 301.372
10516.860 11534.146 6.648 7843.220 95.085
1.003 14.806
1/23/2016 8:45:00 PM 464400.000 132.225 20.393 301.382
10532.970 11549.219 6.658 7853.469 94.940
1.003 14.808
1/23/2016 9:00:00 PM 465300.000 132.227 20.383 301.386
10535.016 11553.932 6.661 7856.674 94.922
1.003 14.810
1/23/2016 9:15:00 PM 466200.000 132.238 20.382 301.412
10531.710 11550.537 6.659 7854.366 94.951
1.003 14.812
1/23/2016 9:30:00 PM 467100.000 132.245 20.378 301.428
10538.043 11558.437 6.664 7859.737 94.894
1.003 14.808
1/23/2016 9:45:00 PM 468000.000 132.238 20.393 301.411
10547.720 11565.307 6.668 7864.409 94.807
1.003 14.816
1/23/2016 10:00:00 PM 468900.000 132.254 20.381 301.448
10539.365 11559.190 6.664 7860.250 94.882
1.003 14.807
1/23/2016 10:15:00 PM 469800.000 132.257 20.392 301.455
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1.003 14.815
1/23/2016 10:30:00 PM 470700.000 132.255 20.390 301.450
10548.204 11566.577 6.669 7865.273 94.803
1.003 14.814
1/23/2016 10:45:00 PM 471600.000 132.270 20.387 301.484
10546.107 11565.124 6.668 7864.285 94.822
1.003 14.814
1/23/2016 11:00:00 PM 472500.000 132.276 20.390 301.498
10547.485 11565.874 6.668 7864.795 94.809
1.003 14.815
1/23/2016 11:15:00 PM 473400.000 132.288 20.385 301.525
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1.003 14.811
1/23/2016 11:30:00 PM 474300.000 132.295 20.382 301.541
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1.003 14.814
1/23/2016 11:45:00 PM 475200.000 132.306 20.387 301.566
10557.938 11578.015 6.676 7873.050 94.715
1.003 14.811
1/24/2016 12:00:00 AM 476100.000 132.330 20.388 301.622
10558.526 11578.470 6.676 7873.360 94.710
1.003 14.816
1/24/2016 12:15:00 AM 477000.000 132.299 20.392 301.549
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1.003 14.816
1/24/2016 12:30:00 AM 477900.000 132.312 20.385 301.579
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1.003 14.814
1/24/2016 12:45:00 AM 478800.000 132.313 20.378 301.582
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1.003 14.808
1/24/2016 1:00:00 AM 479700.000 132.314 20.385 301.584

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1.003 14.816
1/24/2016 1:15:00 AM 480600.000 132.355 20.387 301.679
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1.003 14.817
1/24/2016 1:30:00 AM 481500.000 132.354 20.390 301.676
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1.003 14.811
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1.003 14.818
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1.003 14.815
1/24/2016 2:15:00 AM 484200.000 132.329 20.382 301.618
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1.003 14.821
1/24/2016 2:30:00 AM 485100.000 132.362 20.391 301.694
10562.393 11582.052 6.678 7875.796 94.676
1.003 14.813
1/24/2016 2:45:00 AM 486000.000 132.325 20.392 301.609
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1.003 14.818
1/24/2016 3:00:00 AM 486900.000 132.330 20.390 301.622
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1.003 14.821
1/24/2016 3:15:00 AM 487800.000 132.343 20.388 301.650
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1.003 14.816
1/24/2016 3:30:00 AM 488700.000 132.332 20.388 301.626
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1.003 14.812
1/24/2016 3:45:00 AM 489600.000 132.333 20.384 301.627
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1.003 14.821
1/24/2016 4:00:00 AM 490500.000 132.325 20.385 301.610
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1.003 14.819
1/24/2016 4:15:00 AM 491400.000 132.320 20.376 301.599
10552.635 11574.822 6.674 7870.880 94.763
1.003 14.824
1/24/2016 4:30:00 AM 492300.000 132.331 20.377 301.623
10553.505 11575.586 6.674 7871.399 94.755
1.003 14.820
1/24/2016 4:45:00 AM 493200.000 132.315 20.373 301.587
10552.726 11575.725 6.674 7871.493 94.762
1.003 14.828
1/24/2016 5:00:00 AM 494100.000 132.348 20.387 301.663
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1.003 14.830
1/24/2016 5:15:00 AM 495000.000 132.315 20.383 301.587
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1.003 14.826
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1.003 14.832
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1.003 14.826
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1.003 14.832
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10549.930 11567.921 6.670 7866.187 94.787
1.003 14.833
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1.003 14.838
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1.003 14.841
1/24/2016 7:00:00 AM 501300.000 132.326 20.384 301.611
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1.003 14.842
1/24/2016 7:15:00 AM 502200.000 132.331 20.373 301.622
10546.888 11569.279 6.670 7867.110 94.815
1.003 14.843
1/24/2016 7:30:00 AM 503100.000 132.325 20.385 301.610
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1.003 14.848
1/24/2016 7:45:00 AM 504000.000 132.330 20.386 301.620
10541.380 11560.172 6.665 7860.917 94.864
1.003 14.854
1/24/2016 8:00:00 AM 504900.000 132.328 20.398 301.617
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1.003 14.854
1/24/2016 8:15:00 AM 505800.000 132.351 20.389 301.668
10549.176 11567.896 6.670 7866.169 94.794
1.003 14.844
1/24/2016 8:30:00 AM 506700.000 132.376 20.382 301.726
10546.649 11566.988 6.669 7865.552 94.817
1.003 14.867
1/24/2016 8:45:00 AM 507600.000 132.355 20.381 301.678
10549.660 11570.458 6.671 7867.912 94.790
1.003 14.855
1/24/2016 9:00:00 AM 508500.000 132.375 20.385 301.722
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1.003 14.856
1/24/2016 9:15:00 AM 509400.000 132.386 20.383 301.749
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1.003 14.855
1/24/2016 9:30:00 AM 510300.000 132.392 20.386 301.761
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1.003 14.853
1/24/2016 9:45:00 AM 511200.000 132.398 20.379 301.775
10546.197 11567.191 6.669 7865.691 94.821
1.003 14.858
1/24/2016 10:00:00 AM 512100.000 132.403 20.389 301.788
10549.799 11568.770 6.670 7866.764 94.789
1.003 14.857
1/24/2016 10:15:00 AM 513000.000 132.440 20.393 301.872
10555.003 11573.293 6.673 7869.840 94.742
1.003 14.857
1/24/2016 10:30:00 AM 513900.000 132.409 20.386 301.800

10545.761 11564.852 6.668 7864.100 94.825
1.003 14.859
1/24/2016 10:45:00 AM 514800.000 132.424 20.387 301.834
10548.208 11567.428 6.669 7865.852 94.803
1.003 14.864
1/24/2016 11:00:00 AM 515700.000 132.427 20.383 301.842
10549.021 11569.229 6.670 7867.076 94.796
1.003 14.849
1/24/2016 11:15:00 AM 516600.000 132.435 20.390 301.861
10549.935 11568.539 6.670 7866.607 94.787
1.003 14.850
1/24/2016 11:30:00 AM 517500.000 132.437 20.392 301.866
10545.400 11563.144 6.667 7862.938 94.828
1.003 14.848
1/24/2016 11:45:00 AM 518400.000 132.443 20.383 301.879
10543.538 11563.299 6.667 7863.044 94.845
1.003 14.840
1/24/2016 12:00:00 PM 519300.000 132.442 20.385 301.876
10548.856 11568.689 6.670 7866.709 94.797
1.003 14.841
1/24/2016 12:15:00 PM 520200.000 132.463 20.390 301.923
10547.171 11565.614 6.668 7864.618 94.812
1.003 14.831
1/24/2016 12:30:00 PM 521100.000 132.444 20.390 301.881
10546.506 11564.760 6.668 7864.037 94.818
1.003 14.838
1/24/2016 12:45:00 PM 522000.000 132.461 20.393 301.920
10546.484 11564.143 6.667 7863.617 94.818
1.003 14.827
1/24/2016 1:00:00 PM 522900.000 132.455 20.393 301.906
10547.712 11565.383 6.668 7864.461 94.807
1.003 14.820
1/24/2016 1:15:00 PM 523800.000 132.442 20.388 301.877
10545.938 11564.599 6.667 7863.928 94.823
1.003 14.829
1/24/2016 1:30:00 PM 524700.000 132.447 20.384 301.887
10546.611 11566.438 6.669 7865.179 94.817
1.003 14.825
1/24/2016 1:45:00 PM 525600.000 132.445 20.381 301.882
10544.018 11564.145 6.667 7863.618 94.841
1.003 14.820
1/24/2016 2:00:00 PM 526500.000 132.433 20.391 301.856
10548.366 11566.563 6.669 7865.263 94.801
1.003 14.821
1/24/2016 2:15:00 PM 527400.000 132.425 20.378 301.838
10538.439 11558.766 6.664 7859.961 94.891
1.003 14.820
1/24/2016 2:30:00 PM 528300.000 132.448 20.385 301.889
10539.338 11558.146 6.663 7859.540 94.883
1.003 14.815
1/24/2016 2:45:00 PM 529200.000 132.430 20.378 301.849
10540.639 11561.220 6.665 7861.630 94.871
1.003 14.814
1/24/2016 3:00:00 PM 530100.000 132.406 20.381 301.794
10541.173 11561.024 6.665 7861.497 94.866
1.003 14.822
1/24/2016 3:15:00 PM 531000.000 132.386 20.385 301.749

10541.433	11560.356	6.665	7861.043	94.864	1.003	14.823
1/24/2016 3:30:00 PM	531900.000	132.370	20.386	301.711	10538.113	11556.485
6.662	7858.410	94.894	1.003	14.824		
1/24/2016 3:45:00 PM	532800.000	132.370	20.391	301.713	10531.764	11548.276
6.657	7852.829	94.951	1.003	14.826		
1/24/2016 4:00:00 PM	533700.000	132.357	20.381	301.682	10533.802	11552.982
6.660	7856.028	94.932	1.003	14.827		
1/24/2016 4:15:00 PM	534600.000	132.350	20.392	301.665	10536.676	11553.513
6.661	7856.389	94.907	1.003	14.826		
1/24/2016 4:30:00 PM	535500.000	132.334	20.388	301.630	10531.750	11549.169
6.658	7853.436	94.951	1.003	14.828		
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6.659	7854.236	94.948	1.003	14.835		
1/24/2016 5:00:00 PM	537300.000	132.306	20.386	301.565	10530.274	11548.034
6.657	7852.664	94.964	1.003	14.829		
1/24/2016 5:15:00 PM	538200.000	132.291	20.386	301.533	10536.604	11554.787
6.661	7857.256	94.907	1.003	14.823		
1/24/2016 5:30:00 PM	539100.000	132.284	20.393	301.516	10532.112	11548.193
6.657	7852.772	94.948	1.003	14.821		
1/24/2016 5:45:00 PM	540000.000	132.261	20.395	301.464	10530.776	11546.411
6.656	7851.560	94.960	1.003	14.832		
1/24/2016 6:00:00 PM	540900.000	132.246	20.394	301.429	10533.340	11549.287
6.658	7853.516	94.937	1.003	14.837		
1/24/2016 6:15:00 PM	541800.000	132.239	20.382	301.414	10533.467	11552.464
6.660	7855.676	94.936	1.003	14.843		
1/24/2016 6:30:00 PM	542700.000	132.236	20.389	301.406	10526.174	11542.694
6.654	7849.032	95.001	1.003	14.840		
1/24/2016 6:45:00 PM	543600.000	132.238	20.380	301.412	10532.938	11552.246
6.660	7855.528	94.940	1.003	14.835		
1/24/2016 7:00:00 PM	544500.000	132.216	20.388	301.362	10533.967	11551.472
6.659	7855.001	94.931	1.003	14.837		
1/24/2016 7:15:00 PM	545400.000	132.213	20.382	301.354	10529.592	11548.301
6.657	7852.845	94.970	1.003	14.836		
1/24/2016 7:30:00 PM	546300.000	132.207	20.386	301.341	10534.541	11552.650
6.660	7855.803	94.926	1.003	14.838		
1/24/2016 7:45:00 PM	547200.000	132.234	20.394	301.402	10534.470	11550.651
6.659	7854.443	94.926	1.003	14.835		
1/24/2016 8:00:00 PM	548100.000	132.229	20.390	301.391		

10533.033 11550.132 6.658 7854.090 94.939
1.003 14.841
1/24/2016 8:15:00 PM 549000.000 132.191 20.397 301.305
10537.997 11553.801 6.661 7856.585 94.895
1.003 14.846
1/24/2016 8:30:00 PM 549900.000 132.199 20.388 301.322
10539.528 11557.677 6.663 7859.221 94.881
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1/27/2016 9:00:00 PM 810900.000 132.169 20.380 301.253
10537.125 11556.816 6.663 7858.635 94.903
1.003 14.872
1/27/2016 9:15:00 PM 811800.000 132.164 20.381 301.241
10535.563 11554.913 6.661 7857.341 94.917
1.003 14.870
1/27/2016 9:30:00 PM 812700.000 132.146 20.380 301.202
10537.992 11557.874 6.663 7859.355 94.895
1.003 14.873
1/27/2016 9:45:00 PM 813600.000 132.187 20.381 301.295
10540.587 11560.424 6.665 7861.089 94.871
1.003 14.869
1/27/2016 10:00:00 PM 814500.000 132.160 20.376 301.234
10540.874 11561.900 6.666 7862.092 94.869
1.003 14.875
1/27/2016 10:15:00 PM 815400.000 132.149 20.385 301.208
10542.481 11561.698 6.666 7861.956 94.854
1.003 14.876
1/27/2016 10:30:00 PM 816300.000 132.160 20.383 301.234
10542.980 11562.710 6.666 7862.643 94.850
1.003 14.871
1/27/2016 10:45:00 PM 817200.000 132.156 20.372 301.225
10542.028 11564.288 6.667 7863.716 94.858
1.003 14.875
1/27/2016 11:00:00 PM 818100.000 132.157 20.369 301.227
10546.803 11570.138 6.671 7867.694 94.815
1.003 14.877
1/27/2016 11:15:00 PM 819000.000 132.161 20.385 301.236
10556.665 11577.104 6.675 7872.431 94.727
1.003 14.875
1/27/2016 11:30:00 PM 819900.000 132.150 20.383 301.212
10555.182 11575.942 6.674 7871.642 94.740
1.003 14.879
1/27/2016 11:45:00 PM 820800.000 132.168 20.384 301.252
10557.474 11578.393 6.676 7873.308 94.720
1.003 14.872

Report Date: 2/1/2016 10:39:15 AM
Report User Name: KMakar
Report Computer Name: WKST46
Application: WinSitu.exe
Application Version: 5.6.25.0

Log File Properties:
File Name: MPWSP MW-8M_2016-01-28_09-22-25-064.wsl
Create Date: 1/28/2016 9:22:19 AM

Device Properties:
Device: Aqua TROLL 200
Site: MPWSP MW-8
Device Name:
Serial Number: 410757
Firmware Version: 2.00
Hardware Version: 3
Device Address: 1
Device Comm Cfg: 19200,8,Even,1,(Modbus-RTU)
Used Memory(%): 0
Used Battery(%): 2

Log Configuration
Log Name: MPWSP MW-8M
Created By: CShaw
Computer Name: PROBOOK3
Application: WinSitu.exe
Application Version: 5.6.25.0
Create Date: 7/17/2015 2:05:09 PM Pacific Daylight Time
Log Setup Time Zone: Pacific Daylight Time
Notes Size(bytes): 4096
Overwrite when full: Disabled
Scheduled Start Time: 7/17/2015 8:30:00 PM Pacific Daylight Time
Scheduled Stop Time: No Stop Time
Type: Linear
Interval: Days: 0 hrs: 00 mins: 15 secs: 00

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

Other Log Settings
Depth of Probe: -0.00543076 (ft)
Head Pressure: -0.00241089 (PSI)
Temperature: 27.9046 (C)

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

TDS Factor: 0.68

Log Notes:

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

Log Data:
Record Count: 950
Sensors: 1
1 - 410757: PCTD 100 PSIG (70m/231ft)
Time Zone: Pacific Standard Time

		Sensor: PCTD(G) 231ft	Sensor: PCTD(G) 231ft	Sensor: PCTD(G) 231ft	Sensor: PCTD(G) 231ft	Sensor: PCTD(G) 231ft	Sensor: PCTD(G) 231ft	Sensor: PCTD(G) 231ft	Sensor: PCTD(G) 231ft	Sensor: PCTD(G) 231ft	Sensor: PCTD(G) 231ft
Date and Time	Elapsed Time Seconds	SN#: 410757 Pressure (PSI)	SN#: 410757 Temperature (C)	SN#: 410757 Depth (ft)	SN#: 410757 Actual Conductivity (µS)	SN#: 410757 Specific Conductivity (µS)	SN#: 410757 Total Dissolved Solids (ppt)	SN#: 410757 Salinity (PSU)	SN#: 410757 Resistivity (ohm-cm)	SN#: 410757 Water Density (g/cm3)
1/21/2016 12:00:00 AM	216900.000	71.579	17.364	161.240	42060.945	49243.125	33.485	32.379	23.775	1.023
1/21/2016 12:15:00 AM	217800.000	71.585	17.364	161.252	42078.254	49263.012	33.499	32.393	23.765	1.023
1/21/2016 12:30:00 AM	218700.000	71.582	17.354	161.246	42056.148	49247.918	33.489	32.382	23.778	1.023
1/21/2016 12:45:00 AM	219600.000	71.581	17.360	161.243	42061.340	49247.258	33.488	32.382	23.775	1.023
1/21/2016 1:00:00 AM	220500.000	71.582	17.361	161.245	42093.199	49283.492	33.513	32.408	23.757	1.023
1/21/2016 1:15:00 AM	221400.000	71.581	17.360	161.242	42065.160	49251.730	33.491	32.385	23.773	

1.023
1/21/2016 1:30:00 AM 222300.000 71.577 17.364 161.235
42056.465 49237.504 33.482 32.375 23.778
1.023
1/21/2016 1:45:00 AM 223200.000 71.578 17.355 161.237
42052.531 49242.633 33.485 32.378 23.780
1.023
1/21/2016 2:00:00 AM 224100.000 71.578 17.356 161.236
42081.336 49276.066 33.508 32.402 23.764
1.023
1/21/2016 2:15:00 AM 225000.000 71.575 17.353 161.230
42054.969 49247.883 33.489 32.382 23.778
1.023
1/21/2016 2:30:00 AM 225900.000 71.556 17.356 161.188
41982.621 49159.602 33.429 32.317 23.819
1.023
1/21/2016 2:45:00 AM 226800.000 71.571 17.362 161.221
42003.125 49176.984 33.440 32.330 23.808
1.023
1/21/2016 3:00:00 AM 227700.000 71.570 17.362 161.219
42051.793 49233.863 33.479 32.372 23.780
1.023
1/21/2016 3:15:00 AM 228600.000 71.571 17.362 161.221
42017.332 49194.281 33.452 32.343 23.800
1.023
1/21/2016 3:30:00 AM 229500.000 71.576 17.353 161.233
42047.793 49239.199 33.483 32.375 23.782
1.023
1/21/2016 3:45:00 AM 230400.000 71.578 17.359 161.236
42053.199 49239.652 33.483 32.376 23.779
1.023
1/21/2016 4:00:00 AM 231300.000 71.581 17.363 161.243
42069.207 49253.766 33.493 32.387 23.770
1.023
1/21/2016 4:15:00 AM 232200.000 71.584 17.359 161.251
42033.789 49216.438 33.467 32.359 23.790
1.023
1/21/2016 4:30:00 AM 233100.000 71.589 17.362 161.261
42014.887 49191.031 33.450 32.340 23.801
1.023
1/21/2016 4:45:00 AM 234000.000 71.592 17.359 161.269
42046.402 49231.500 33.477 32.370 23.783
1.023
1/21/2016 5:00:00 AM 234900.000 71.601 17.357 161.287
42028.504 49212.566 33.465 32.356 23.793
1.023
1/21/2016 5:15:00 AM 235800.000 71.588 17.358 161.259
42029.371 49212.043 33.464 32.356 23.793
1.023
1/21/2016 5:30:00 AM 236700.000 71.613 17.360 161.314
42027.598 49208.129 33.462 32.353 23.794
1.023
1/21/2016 5:45:00 AM 237600.000 71.623 17.358 161.337
42046.133 49231.762 33.478 32.370 23.783
1.023

1/21/2016 6:00:00 AM	238500.000	71.632	17.361	161.358
42053.512	49237.504	33.482	32.374	23.779
1.023				
1/21/2016 6:15:00 AM	239400.000	71.636	17.363	161.368
42042.078	49222.102	33.471	32.363	23.786
1.023				
1/21/2016 6:30:00 AM	240300.000	71.645	17.361	161.388
42062.188	49247.664	33.488	32.382	23.774
1.023				
1/21/2016 6:45:00 AM	241200.000	71.658	17.350	161.417
42040.207	49233.684	33.479	32.371	23.787
1.023				
1/21/2016 7:00:00 AM	242100.000	71.662	17.357	161.427
42003.934	49183.797	33.445	32.335	23.807
1.023				
1/21/2016 7:15:00 AM	243000.000	71.671	17.355	161.447
42074.172	49268.250	33.502	32.397	23.768
1.023				
1/21/2016 7:30:00 AM	243900.000	71.680	17.355	161.466
42048.582	49238.590	33.482	32.375	23.782
1.023				
1/21/2016 7:45:00 AM	244800.000	71.690	17.359	161.488
42066.813	49255.297	33.494	32.387	23.772
1.023				
1/21/2016 8:00:00 AM	245700.000	71.699	17.358	161.509
42039.707	49225.105	33.473	32.365	23.787
1.023				
1/21/2016 8:15:00 AM	246600.000	71.706	17.362	161.524
42044.074	49225.691	33.473	32.366	23.785
1.023				
1/21/2016 8:30:00 AM	247500.000	71.712	17.362	161.538
42058.027	49242.227	33.485	32.378	23.777
1.023				
1/21/2016 8:45:00 AM	248400.000	71.705	17.361	161.523
42027.145	49206.633	33.461	32.352	23.794
1.023				
1/21/2016 9:00:00 AM	249300.000	71.724	17.367	161.564
42082.844	49265.293	33.500	32.395	23.763
1.023				
1/21/2016 9:15:00 AM	250200.000	71.731	17.360	161.580
42003.512	49180.211	33.443	32.332	23.808
1.023				
1/21/2016 9:30:00 AM	251100.000	71.733	17.367	161.585
42091.910	49275.820	33.508	32.403	23.758
1.023				
1/21/2016 9:45:00 AM	252000.000	71.732	17.358	161.583
42045.422	49231.016	33.477	32.370	23.784
1.023				
1/21/2016 10:00:00 AM	252900.000	71.734	17.360	161.587
42034.582	49216.207	33.467	32.359	23.790
1.023				
1/21/2016 10:15:00 AM	253800.000	71.736	17.361	161.591
42042.871	49225.047	33.473	32.365	23.785
1.023				
1/21/2016 10:30:00 AM	254700.000	71.736	17.356	161.592

42035.512	49222.023	33.471	32.363	23.789		
1.023						
1/21/2016 10:45:00 AM	255600.000	71.730	17.367	161.579		
42069.328	49249.383	33.490	32.384	23.770		
1.023						
1/21/2016 11:00:00 AM	256500.000	71.729	17.361	161.576		
42020.133	49198.621	33.455	32.346	23.798		
1.023						
1/21/2016 11:15:00 AM	257400.000	71.724	17.359	161.565		
42053.539	49240.148	33.483	32.376	23.779		
1.023						
1/21/2016 11:30:00 AM	258300.000	71.717	17.362	161.549		
42034.438	49213.922	33.465	32.357	23.790		
1.023						
1/21/2016 11:45:00 AM	259200.000	71.713	17.361	161.539		
42071.055	49258.145	33.496	32.390	23.769		
1.023						
1/21/2016 12:00:00 PM	260100.000	71.705	17.362	161.522		
42062.195	49246.043	33.487	32.381	23.774		
1.023						
1/21/2016 12:15:00 PM	261000.000	71.680	17.360	161.466		
42070.051	49257.457	33.495	32.389	23.770		
1.023						
1/21/2016 12:30:00 PM	261900.000	71.683	17.366	161.473		
42031.309	49206.496	33.460	32.352	23.792		
1.023						
1/21/2016 12:45:00 PM	262800.000	71.674	17.359	161.453		
42061.246	49249.266	33.490	32.383	23.775		
1.023						
1/21/2016 1:00:00 PM	263700.000	71.663	17.365	161.428		
42046.844	49225.371	33.473	32.366	23.783		
1.023						
1/21/2016 1:15:00 PM	264600.000	71.650	17.360	161.398		
42027.676	49208.809	33.462	32.353	23.794		
1.023						
1/21/2016 1:30:00 PM	265500.000	71.641	17.359	161.379		
42067.086	49255.523	33.494	32.388	23.772		
1.023						
1/21/2016 1:45:00 PM	266400.000	71.626	17.364	161.344		
42031.254	49207.703	33.461	32.353	23.792		
1.023						
1/21/2016 2:00:00 PM	267300.000	71.615	17.362	161.320		
42080.281	49267.598	33.502	32.397	23.764		
1.023						
1/21/2016 2:15:00 PM	268200.000	71.603	17.362	161.293		
42054.430	49237.328	33.481	32.374	23.779		
1.023						
1/21/2016 2:30:00 PM	269100.000	71.591	17.360	161.267		
42068.219	49255.895	33.494	32.388	23.771		
1.023						
1/21/2016 2:45:00 PM	270000.000	71.581	17.361	161.244		
42063.535	49248.957	33.489	32.383	23.774		
1.023						
1/21/2016 3:00:00 PM	270900.000	71.566	17.365	161.210		
42036.590	49213.840	33.465	32.357	23.789		

1.023
1/21/2016 3:15:00 PM 271800.000 71.556 17.358 161.186
42051.648 49239.086 33.483 32.375 23.780
1.023
1/21/2016 3:30:00 PM 272700.000 71.547 17.366 161.166
42033.762 49209.367 33.462 32.354 23.790
1.023
1/21/2016 3:45:00 PM 273600.000 71.535 17.364 161.140
42072.527 49256.203 33.494 32.388 23.768
1.023
1/21/2016 4:00:00 PM 274500.000 71.530 17.363 161.128
42031.660 49210.102 33.463 32.354 23.792
1.023
1/21/2016 4:15:00 PM 275400.000 71.520 17.360 161.105
42059.637 49245.352 33.487 32.380 23.776
1.023
1/21/2016 4:30:00 PM 276300.000 71.513 17.357 161.090
42050.305 49237.613 33.482 32.374 23.781
1.023
1/21/2016 4:45:00 PM 277200.000 71.508 17.360 161.078
42045.914 49229.859 33.476 32.369 23.784
1.023
1/21/2016 5:00:00 PM 278100.000 71.505 17.362 161.072
42043.660 49224.820 33.473 32.365 23.785
1.023
1/21/2016 5:15:00 PM 279000.000 71.497 17.362 161.054
42074.594 49261.516 33.498 32.392 23.767
1.023
1/21/2016 5:30:00 PM 279900.000 71.499 17.359 161.058
42027.230 49209.152 33.462 32.354 23.794
1.023
1/21/2016 5:45:00 PM 280800.000 71.495 17.353 161.050
42025.988 49213.945 33.465 32.357 23.795
1.023
1/21/2016 6:00:00 PM 281700.000 71.489 17.365 161.037
42021.453 49195.453 33.453 32.344 23.797
1.023
1/21/2016 6:15:00 PM 282600.000 71.492 17.362 161.044
42021.391 49198.840 33.455 32.346 23.797
1.023
1/21/2016 6:30:00 PM 283500.000 71.490 17.357 161.038
42041.617 49228.305 33.475 32.367 23.786
1.023
1/21/2016 6:45:00 PM 284400.000 71.491 17.362 161.040
42078.664 49266.191 33.501 32.396 23.765
1.023
1/21/2016 7:00:00 PM 285300.000 71.492 17.362 161.044
42014.484 49190.852 33.450 32.340 23.801
1.023
1/21/2016 7:15:00 PM 286200.000 71.501 17.362 161.062
42028.332 49207.066 33.461 32.352 23.793
1.023
1/21/2016 7:30:00 PM 287100.000 71.504 17.359 161.071
42052.172 49238.059 33.482 32.375 23.780
1.023

1/21/2016 7:45:00 PM	288000.000	71.506	17.364	161.074
42042.914	49221.352	33.471	32.363	23.785
1.023				
1/21/2016 8:00:00 PM	288900.000	71.514	17.359	161.091
42088.598	49281.004	33.511	32.406	23.759
1.023				
1/21/2016 8:15:00 PM	289800.000	71.517	17.360	161.099
42025.297	49205.336	33.460	32.351	23.795
1.023				
1/21/2016 8:30:00 PM	290700.000	71.522	17.358	161.111
42067.344	49256.984	33.495	32.389	23.771
1.023				
1/21/2016 8:45:00 PM	291600.000	71.532	17.354	161.132
42041.309	49231.414	33.477	32.370	23.786
1.023				
1/21/2016 9:00:00 PM	292500.000	71.535	17.363	161.140
41985.504	49155.957	33.426	32.315	23.818
1.023				
1/21/2016 9:15:00 PM	293400.000	71.545	17.359	161.162
41993.668	49169.359	33.435	32.324	23.813
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42020.926	49200.711	33.456	32.347	23.798
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1/21/2016 9:45:00 PM	295200.000	71.555	17.359	161.185
42022.852	49203.531	33.458	32.349	23.797
1.023				
1/21/2016 10:00:00 PM	296100.000	71.561	17.360	161.197
42063.801	49250.418	33.490	32.384	23.773
1.023				
1/21/2016 10:15:00 PM	297000.000	71.567	17.361	161.211
42053.844	49238.188	33.482	32.375	23.779
1.023				
1/21/2016 10:30:00 PM	297900.000	71.573	17.361	161.224
42061.625	49246.719	33.488	32.381	23.775
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1/21/2016 10:45:00 PM	298800.000	71.575	17.356	161.231
42009.789	49191.809	33.450	32.341	23.804
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1/21/2016 11:00:00 PM	299700.000	71.581	17.359	161.243
42052.535	49238.484	33.482	32.375	23.780
1.023				
1/21/2016 11:15:00 PM	300600.000	71.584	17.360	161.251
42065.281	49252.152	33.491	32.385	23.773
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1/21/2016 11:30:00 PM	301500.000	71.586	17.362	161.255
42025.867	49203.512	33.458	32.350	23.795
1.023				
1/21/2016 11:45:00 PM	302400.000	71.596	17.360	161.276
42029.773	49211.348	33.464	32.355	23.793
1.023				
1/22/2016 12:00:00 AM	303300.000	71.598	17.355	161.282
42014.574	49198.266	33.455	32.345	23.801
1.023				
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1/22/2016 12:30:00 AM 305100.000 71.601 17.360 161.289
42057.574 49243.430 33.486 32.379 23.777
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42060.492 49245.391 33.487 32.380 23.775
1.023
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1.023
1/22/2016 1:15:00 AM 307800.000 71.601 17.358 161.287
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1.023
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1.023
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1.023
1/22/2016 3:45:00 AM 316800.000 71.607 17.365 161.301
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1.023
1/22/2016 8:15:00 AM 333000.000 71.738 17.358 161.597
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1.023
1/22/2016 8:30:00 AM 333900.000 71.750 17.362 161.624
42038.578 49219.063 33.469 32.361 23.788
1.023
1/22/2016 8:45:00 AM 334800.000 71.759 17.366 161.643
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1.023
1/22/2016 9:00:00 AM 335700.000 71.772 17.359 161.674
42030.316 49212.563 33.465 32.356 23.792
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1/22/2016 9:15:00 AM 336600.000 71.766 17.361 161.659
42077.473 49265.559 33.501 32.395 23.766
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1.023				
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42104.613	49302.449	33.526	32.422	23.750
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42001.129	49177.613	33.441	32.330	23.809
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1/22/2016 6:45:00 PM 370800.000 71.601 17.358 161.289
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42050.574 49233.781 33.479 32.372 23.781
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42056.273 49243.914 33.486 32.379 23.778
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42064.102 49249.617 33.490 32.383 23.773
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42033.836 49219.969 33.470 32.361 23.790
1.023
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42057.777 49242.598 33.485 32.378 23.777
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42044.395 49224.715 33.473 32.365 23.784
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42023.582 49202.949 33.458 32.349 23.796
1.023
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41988.809 49160.121 33.429 32.318 23.816
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42062.023	49248.527	33.489	32.383	23.774
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42060.438	49253.520	33.492	32.386	23.775
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42120.980	49319.207	33.537	32.434	23.741
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1.023
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42105.766 49290.484 33.518 32.414 23.750
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1.023
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42065.160 49247.969 33.489 32.382 23.773
1.023
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42079.711 49271.355 33.505 32.399 23.764
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42075.336 49261.234 33.498 32.392 23.767
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1/23/2016 8:30:00 AM 420300.000 71.794 17.361 161.723
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42031.172 49211.645 33.464 32.355 23.792
1.023
1/23/2016 10:15:00 AM 426600.000 71.848 17.359 161.845
42072.039 49261.121 33.498 32.392 23.769
1.023
1/23/2016 10:30:00 AM 427500.000 71.855 17.358 161.861
42066.555 49255.582 33.494 32.388 23.772
1.023
1/23/2016 10:45:00 AM 428400.000 71.861 17.357 161.874
41976.758 49152.453 33.424 32.312 23.823
1.023
1/23/2016 11:00:00 AM 429300.000 71.863 17.364 161.879
42025.633 49201.406 33.457 32.348 23.795
1.023
1/23/2016 11:15:00 AM 430200.000 71.870 17.360 161.894
42012.023 49190.566 33.450 32.340 23.803
1.023
1/23/2016 11:30:00 AM 431100.000 71.873 17.366 161.901
42041.570 49218.324 33.468 32.361 23.786
1.023
1/23/2016 11:45:00 AM 432000.000 71.873 17.360 161.902
42079.875 49269.734 33.503 32.398 23.764
1.023
1/23/2016 12:00:00 PM 432900.000 71.874 17.357 161.903
42027.309 49211.367 33.464 32.355 23.794
1.023
1/23/2016 12:15:00 PM 433800.000 71.872 17.356 161.899
42064.211 49255.434 33.494 32.387 23.773
1.023
1/23/2016 12:30:00 PM 434700.000 71.873 17.354 161.900
42042.426 49231.766 33.478 32.370 23.785
1.023
1/23/2016 12:45:00 PM 435600.000 71.869 17.360 161.892
42065.234 49252.012 33.491 32.385 23.773
1.023

1/23/2016 1:00:00 PM	436500.000	71.860	17.360	161.872
42070.453	49258.207	33.496	32.390	23.770
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42070.539	49258.113	33.496	32.390	23.770
1.023				
1/23/2016 1:30:00 PM	438300.000	71.848	17.360	161.844
42082.996	49272.805	33.506	32.400	23.763
1.023				
1/23/2016 1:45:00 PM	439200.000	71.837	17.364	161.819
42074.594	49259.105	33.496	32.391	23.767
1.023				
1/23/2016 2:00:00 PM	440100.000	71.834	17.362	161.813
42094.891	49284.895	33.514	32.409	23.756
1.023				
1/23/2016 2:15:00 PM	441000.000	71.818	17.361	161.778
42080.652	49269.770	33.503	32.398	23.764
1.023				
1/23/2016 2:30:00 PM	441900.000	71.804	17.365	161.746
42023.961	49198.484	33.455	32.346	23.796
1.023				
1/23/2016 2:45:00 PM	442800.000	71.796	17.362	161.727
42015.813	49192.215	33.451	32.341	23.801
1.023				
1/23/2016 3:00:00 PM	443700.000	71.784	17.360	161.700
42047.453	49231.469	33.477	32.370	23.783
1.023				
1/23/2016 3:15:00 PM	444600.000	71.774	17.358	161.678
42121.168	49319.621	33.537	32.435	23.741
1.023				
1/23/2016 3:30:00 PM	445500.000	71.762	17.357	161.650
42065.047	49255.059	33.493	32.387	23.773
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1/23/2016 3:45:00 PM	446400.000	71.749	17.358	161.621
42027.328	49209.938	33.463	32.354	23.794
1.023				
1/23/2016 4:00:00 PM	447300.000	71.736	17.364	161.593
42034.629	49211.652	33.464	32.356	23.790
1.023				
1/23/2016 4:15:00 PM	448200.000	71.723	17.362	161.563
42055.379	49238.730	33.482	32.375	23.778
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1/23/2016 4:30:00 PM	449100.000	71.715	17.356	161.545
42104.238	49302.406	33.526	32.422	23.751
1.023				
1/23/2016 4:45:00 PM	450000.000	71.704	17.360	161.520
42033.852	49215.266	33.466	32.358	23.790
1.023				
1/23/2016 5:00:00 PM	450900.000	71.695	17.357	161.500
42067.168	49258.125	33.496	32.389	23.772
1.023				
1/23/2016 5:15:00 PM	451800.000	71.683	17.363	161.473
42073.133	49258.074	33.495	32.390	23.768
1.023				
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42095.148 49288.086 33.516 32.412 23.756
1.023
1/23/2016 5:45:00 PM 453600.000 71.654 17.356 161.408
42072.848 49265.355 33.500 32.395 23.768
1.023
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1.023
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42047.676 49230.387 33.477 32.369 23.783
1.023
1/23/2016 6:30:00 PM 456300.000 71.655 17.357 161.410
42055.469 49244.141 33.486 32.379 23.778
1.023
1/23/2016 6:45:00 PM 457200.000 71.651 17.364 161.401
42042.156 49220.941 33.470 32.363 23.786
1.023
1/23/2016 7:00:00 PM 458100.000 71.648 17.361 161.394
42057.023 49241.816 33.484 32.378 23.777
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1/23/2016 7:15:00 PM 459000.000 71.648 17.362 161.393
42074.055 49260.113 33.497 32.391 23.768
1.023
1/23/2016 7:30:00 PM 459900.000 71.646 17.360 161.389
42039.715 49222.215 33.471 32.363 23.787
1.023
1/23/2016 7:45:00 PM 460800.000 71.650 17.356 161.399
42065.918 49257.051 33.495 32.389 23.772
1.023
1/23/2016 8:00:00 PM 461700.000 71.651 17.359 161.401
42037.883 49221.129 33.470 32.362 23.788
1.023
1/23/2016 8:15:00 PM 462600.000 71.652 17.358 161.403
42033.813 49218.008 33.468 32.360 23.790
1.023
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42040.398 49222.547 33.471 32.363 23.787
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42029.586 49213.254 33.465 32.356 23.793
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1/23/2016 9:00:00 PM 465300.000 71.649 17.362 161.397
42086.074 49274.102 33.506 32.401 23.761
1.023
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42038.992 49219.832 33.469 32.362 23.787
1.023
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42035.328 49217.273 33.468 32.360 23.790
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42014.258 49190.203 33.449 32.340 23.801
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42030.488 49210.457 33.463 32.355 23.792

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1/23/2016 10:15:00 PM 469800.000 71.695 17.354 161.500
42019.887 49205.945 33.460 32.351 23.798
1.023
1/23/2016 10:30:00 PM 470700.000 71.702 17.361 161.516
42042.168 49224.422 33.473 32.365 23.786
1.023
1/23/2016 10:45:00 PM 471600.000 71.707 17.356 161.528
41996.910 49176.438 33.440 32.329 23.811
1.023
1/23/2016 11:00:00 PM 472500.000 71.714 17.360 161.543
42049.113 49233.992 33.479 32.372 23.782
1.023
1/23/2016 11:15:00 PM 473400.000 71.723 17.361 161.563
42012.277 49189.227 33.449 32.339 23.803
1.023
1/23/2016 11:30:00 PM 474300.000 71.724 17.361 161.564
42037.137 49218.629 33.469 32.361 23.788
1.023
1/23/2016 11:45:00 PM 475200.000 71.733 17.358 161.586
42038.953 49223.262 33.472 32.364 23.787
1.023
1/24/2016 12:00:00 AM 476100.000 71.741 17.356 161.604
42001.227 49181.781 33.444 32.333 23.809
1.023
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42037.742 49217.309 33.468 32.360 23.788
1.023
1/24/2016 12:30:00 AM 477900.000 71.743 17.362 161.607
42056.586 49239.660 33.483 32.376 23.777
1.023
1/24/2016 12:45:00 AM 478800.000 71.744 17.361 161.611
42122.566 49318.262 33.536 32.434 23.740
1.023
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42079.762 49268.535 33.503 32.397 23.764
1.023
1/24/2016 1:15:00 AM 480600.000 71.749 17.360 161.621
42033.531 49215.168 33.466 32.358 23.791
1.023
1/24/2016 1:30:00 AM 481500.000 71.751 17.366 161.627
42023.250 49197.063 33.454 32.345 23.796
1.023
1/24/2016 1:45:00 AM 482400.000 71.749 17.360 161.621
42053.125 49237.832 33.482 32.375 23.779
1.023
1/24/2016 2:00:00 AM 483300.000 71.749 17.362 161.623
42062.426 49246.789 33.488 32.381 23.774
1.023
1/24/2016 2:15:00 AM 484200.000 71.749 17.355 161.622
42076.301 49270.656 33.504 32.398 23.766
1.023
1/24/2016 2:30:00 AM 485100.000 71.751 17.355 161.627
42062.320 49254.094 33.493 32.386 23.774
1.023

1/24/2016 2:45:00 AM	486000.000	71.747	17.357	161.616
42081.418	49274.723	33.507	32.402	23.763
1.023				
1/24/2016 3:00:00 AM	486900.000	71.744	17.358	161.610
42000.328	49178.801	33.442	32.331	23.809
1.023				
1/24/2016 3:15:00 AM	487800.000	71.741	17.361	161.603
41984.730	49156.797	33.427	32.315	23.818
1.023				
1/24/2016 3:30:00 AM	488700.000	71.738	17.359	161.596
42072.297	49261.625	33.498	32.392	23.769
1.023				
1/24/2016 3:45:00 AM	489600.000	71.739	17.363	161.598
42053.426	49234.898	33.480	32.373	23.779
1.023				
1/24/2016 4:00:00 AM	490500.000	71.741	17.358	161.603
42084.750	49277.559	33.509	32.404	23.762
1.023				
1/24/2016 4:15:00 AM	491400.000	71.735	17.357	161.590
42091.594	49286.145	33.515	32.410	23.758
1.023				
1/24/2016 4:30:00 AM	492300.000	71.725	17.362	161.568
42056.227	49239.727	33.483	32.376	23.778
1.023				
1/24/2016 4:45:00 AM	493200.000	71.726	17.356	161.571
42012.508	49194.895	33.453	32.343	23.802
1.023				
1/24/2016 5:00:00 AM	494100.000	71.726	17.361	161.571
42057.262	49242.289	33.485	32.378	23.777
1.023				
1/24/2016 5:15:00 AM	495000.000	71.726	17.360	161.570
42085.566	49275.711	33.507	32.403	23.761
1.023				
1/24/2016 5:30:00 AM	495900.000	71.721	17.356	161.559
42051.418	49240.840	33.484	32.377	23.780
1.023				
1/24/2016 5:45:00 AM	496800.000	71.721	17.359	161.559
42095.789	49289.711	33.517	32.413	23.755
1.023				
1/24/2016 6:00:00 AM	497700.000	71.724	17.362	161.565
42033.406	49212.813	33.465	32.356	23.791
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42073.359	49259.012	33.496	32.390	23.768
1.023				
1/24/2016 6:30:00 AM	499500.000	71.722	17.362	161.561
42086.555	49275.133	33.507	32.402	23.761
1.023				
1/24/2016 6:45:00 AM	500400.000	71.724	17.359	161.564
42041.063	49224.852	33.473	32.365	23.786
1.023				
1/24/2016 7:00:00 AM	501300.000	71.729	17.357	161.578
42054.992	49243.480	33.486	32.379	23.778
1.023				
1/24/2016 7:15:00 AM	502200.000	71.727	17.363	161.571

42136.895	49332.527	33.546	32.444	23.732
1.023				
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42060.254	49242.711	33.485	32.378	23.775
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1/24/2016 7:45:00 AM	504000.000	71.741	17.357	161.603
42046.523	49233.664	33.479	32.371	23.783
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1/24/2016 8:00:00 AM	504900.000	71.741	17.360	161.604
42052.211	49236.848	33.481	32.374	23.780
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1/24/2016 8:15:00 AM	505800.000	71.753	17.358	161.630
42004.711	49183.840	33.445	32.335	23.807
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1/24/2016 8:30:00 AM	506700.000	71.756	17.358	161.637
42086.129	49279.367	33.510	32.405	23.761
1.023				
1/24/2016 8:45:00 AM	507600.000	71.761	17.359	161.648
42076.258	49266.559	33.501	32.396	23.766
1.023				
1/24/2016 9:00:00 AM	508500.000	71.770	17.360	161.669
42019.633	49199.477	33.456	32.346	23.798
1.023				
1/24/2016 9:15:00 AM	509400.000	71.777	17.355	161.685
42071.195	49264.680	33.500	32.394	23.769
1.023				
1/24/2016 9:30:00 AM	510300.000	71.786	17.359	161.705
42086.652	49278.141	33.509	32.404	23.761
1.023				
1/24/2016 9:45:00 AM	511200.000	71.792	17.363	161.719
42049.059	49230.082	33.476	32.369	23.782
1.023				
1/24/2016 10:00:00 AM	512100.000	71.798	17.360	161.732
42051.375	49235.781	33.480	32.373	23.780
1.023				
1/24/2016 10:15:00 AM	513000.000	71.807	17.358	161.752
42053.168	49240.000	33.483	32.376	23.779
1.023				
1/24/2016 10:30:00 AM	513900.000	71.812	17.359	161.765
42030.883	49212.840	33.465	32.356	23.792
1.023				
1/24/2016 10:45:00 AM	514800.000	71.814	17.365	161.769
42068.805	49251.555	33.491	32.385	23.771
1.023				
1/24/2016 11:00:00 AM	515700.000	71.822	17.359	161.786
42073.637	49263.285	33.499	32.393	23.768
1.023				
1/24/2016 11:15:00 AM	516600.000	71.824	17.362	161.791
42076.883	49263.809	33.499	32.394	23.766
1.023				
1/24/2016 11:30:00 AM	517500.000	71.827	17.358	161.797
42023.168	49205.453	33.460	32.351	23.796
1.023				
1/24/2016 11:45:00 AM	518400.000	71.832	17.362	161.810
42052.434	49234.992	33.480	32.373	23.780

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1/24/2016 12:00:00 PM 519300.000 71.838 17.362 161.822
42070.398 49255.934 33.494 32.388 23.770
1.023
1/24/2016 12:15:00 PM 520200.000 71.835 17.357 161.816
42060.043 49249.695 33.490 32.383 23.776
1.023
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42029.836 49213.934 33.465 32.357 23.793
1.023
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42012.441 49193.176 33.451 32.342 23.802
1.023
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42041.211 49224.066 33.472 32.365 23.786
1.023
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42100.805 49291.246 33.518 32.414 23.753
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42103.059 49294.070 33.520 32.416 23.751
1.023
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42051.184 49238.727 33.482 32.375 23.781
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42047.059 49231.781 33.478 32.370 23.783
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42095.160 49287.234 33.515 32.411 23.756
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42109.918 49307.895 33.529 32.426 23.747
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42033.438 49209.680 33.463 32.354 23.791
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42083.859 49273.434 33.506 32.401 23.762
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42105.520 49300.820 33.525 32.421 23.750
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42058.305 49240.035 33.483 32.377 23.777
1.023
1/24/2016 3:45:00 PM 532800.000 71.725 17.362 161.567
42081.238 49269.402 33.503 32.398 23.764
1.023
1/24/2016 4:00:00 PM 533700.000 71.712 17.361 161.538
42063.820 49249.773 33.490 32.383 23.773
1.023
1/24/2016 4:15:00 PM 534600.000 71.697 17.363 161.504
42121.773 49315.113 33.534 32.432 23.741
1.023

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42074.320	49263.895	33.499	32.394	23.767
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1/24/2016 4:45:00 PM	536400.000	71.675	17.359	161.455
42037.391	49220.375	33.470	32.362	23.788
1.023				
1/24/2016 5:00:00 PM	537300.000	71.662	17.360	161.427
42089.363	49280.262	33.511	32.406	23.759
1.023				
1/24/2016 5:15:00 PM	538200.000	71.653	17.361	161.405
42059.750	49244.715	33.486	32.380	23.776
1.023				
1/24/2016 5:30:00 PM	539100.000	71.640	17.360	161.377
42064.738	49251.816	33.491	32.385	23.773
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1/24/2016 5:45:00 PM	540000.000	71.628	17.354	161.349
42042.492	49232.129	33.478	32.370	23.785
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1/24/2016 6:00:00 PM	540900.000	71.618	17.358	161.326
42082.445	49274.188	33.506	32.401	23.763
1.023				
1/24/2016 6:15:00 PM	541800.000	71.606	17.360	161.299
42087.012	49277.402	33.509	32.404	23.760
1.023				
1/24/2016 6:30:00 PM	542700.000	71.602	17.354	161.292
42053.473	49245.660	33.487	32.380	23.779
1.023				
1/24/2016 6:45:00 PM	543600.000	71.597	17.357	161.280
42072.988	49264.359	33.500	32.394	23.768
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1/24/2016 7:00:00 PM	544500.000	71.589	17.362	161.260
42077.977	49265.477	33.501	32.395	23.765
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1/24/2016 7:15:00 PM	545400.000	71.584	17.359	161.250
42029.836	49212.102	33.464	32.356	23.793
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1/24/2016 7:30:00 PM	546300.000	71.582	17.354	161.246
42001.508	49184.035	33.445	32.335	23.809
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1/24/2016 7:45:00 PM	547200.000	71.579	17.360	161.239
42064.313	49251.594	33.491	32.385	23.773
1.023				
1/24/2016 8:00:00 PM	548100.000	71.577	17.355	161.235
42059.082	49250.883	33.491	32.384	23.776
1.023				
1/24/2016 8:15:00 PM	549000.000	71.575	17.362	161.231
42059.742	49243.934	33.486	32.379	23.776
1.023				
1/24/2016 8:30:00 PM	549900.000	71.576	17.365	161.233
42054.398	49234.219	33.479	32.372	23.779
1.023				
1/24/2016 8:45:00 PM	550800.000	71.575	17.365	161.231
42089.332	49274.617	33.507	32.402	23.759
1.023				
1/24/2016 9:00:00 PM	551700.000	71.579	17.364	161.240

42114.973	49305.805	33.528	32.425	23.745		
1.023						
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42060.609	49242.547	33.485	32.378	23.775		
1.023						
1/24/2016 9:30:00 PM	553500.000	71.587	17.364	161.258		
42074.363	49258.551	33.496	32.390	23.767		
1.023						
1/24/2016 9:45:00 PM	554400.000	71.591	17.355	161.265		
42059.176	49250.215	33.490	32.383	23.776		
1.023						
1/24/2016 10:00:00 PM	555300.000	71.595	17.357	161.274		
42071.297	49263.152	33.499	32.393	23.769		
1.023						
1/24/2016 10:15:00 PM	556200.000	71.600	17.364	161.286		
42045.012	49224.188	33.472	32.365	23.784		
1.023						
1/24/2016 10:30:00 PM	557100.000	71.606	17.358	161.300		
42032.703	49216.234	33.467	32.359	23.791		
1.023						
1/24/2016 10:45:00 PM	558000.000	71.612	17.359	161.313		
42035.352	49218.266	33.468	32.360	23.789		
1.023						
1/24/2016 11:00:00 PM	558900.000	71.617	17.359	161.324		
42020.848	49201.770	33.457	32.348	23.798		
1.023						
1/24/2016 11:15:00 PM	559800.000	71.613	17.358	161.315		
42077.375	49268.539	33.503	32.397	23.766		
1.023						
1/24/2016 11:30:00 PM	560700.000	71.635	17.362	161.364		
42049.957	49232.668	33.478	32.371	23.781		
1.023						
1/24/2016 11:45:00 PM	561600.000	71.637	17.358	161.370		
42044.590	49230.152	33.477	32.369	23.784		
1.023						
1/25/2016 12:00:00 AM	562500.000	71.643	17.359	161.384		
42065.008	49253.578	33.492	32.386	23.773		
1.023						
1/25/2016 12:15:00 AM	563400.000	71.650	17.359	161.398		
42039.043	49222.984	33.472	32.364	23.787		
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1/25/2016 12:30:00 AM	564300.000	71.654	17.357	161.409		
42091.180	49285.762	33.514	32.410	23.758		
1.023						
1/25/2016 12:45:00 AM	565200.000	71.657	17.359	161.415		
42078.480	49269.254	33.503	32.398	23.765		
1.023						
1/25/2016 1:00:00 AM	566100.000	71.662	17.359	161.425		
42066.641	49254.621	33.493	32.387	23.772		
1.023						
1/25/2016 1:15:00 AM	567000.000	71.668	17.363	161.438		
42073.383	49258.559	33.496	32.390	23.768		
1.023						
1/25/2016 1:30:00 AM	567900.000	71.669	17.356	161.441		
42092.730	49288.535	33.516	32.412	23.757		

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42080.250 49275.672 33.507 32.402 23.764
1.023
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42077.879 49268.355 33.502 32.397 23.765
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1.023
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42039.730 49222.426 33.471 32.363 23.787
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1/25/2016 5:00:00 AM 580500.000 71.652 17.356 161.403
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1.023
1/25/2016 5:15:00 AM 581400.000 71.651 17.359 161.401
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1.023
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1.023
1/25/2016 5:45:00 AM 583200.000 71.646 17.360 161.389
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1/25/2016 6:00:00 AM 584100.000 71.645 17.356 161.387
42133.539 49337.094 33.549 32.447 23.734
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1/25/2016 6:30:00 AM	585900.000	71.644	17.356	161.386
42004.355	49185.156	33.446	32.336	23.807
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42060.793	49244.688	33.486	32.380	23.775
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1/25/2016 7:30:00 AM	589500.000	71.647	17.358	161.391
42069.512	49259.043	33.496	32.390	23.770
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1/25/2016 8:00:00 AM	591300.000	71.653	17.361	161.404
42029.063	49209.176	33.462	32.354	23.793
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1/25/2016 8:15:00 AM	592200.000	71.657	17.354	161.415
42059.031	49251.586	33.491	32.384	23.776
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42043.477	49230.965	33.477	32.369	23.785
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1.023				
1/25/2016 9:30:00 AM	596700.000	71.671	17.358	161.445
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42018.883	49198.883	33.455	32.346	23.799
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1/25/2016 10:45:00 AM	601200.000	71.708	17.357	161.528

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42013.297	49196.773	33.454	32.344	23.802		
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1/25/2016 3:30:00 PM 618300.000 71.697 17.361 161.506
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42043.512 49230.902 33.477 32.369 23.785
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42017.941 49201.539 33.457 32.348 23.799
1.023

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42031.152	49210.652	33.463	32.355	23.792
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42033.609	49220.477	33.470	32.362	23.790
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41989.688	49163.641	33.431	32.320	23.815
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42045.641	49226.945	33.474	32.367	23.784
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1/25/2016 10:45:00 PM	644400.000	71.554	17.362	161.183
42042.914	49224.230	33.472	32.365	23.785
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42024.820	49212.492	33.464	32.356	23.795
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42052.105	49238.840	33.482	32.375	23.780
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42029.773	49214.336	33.466	32.357	23.793
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41989.508	49168.246	33.434	32.323	23.815	1.023
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1/26/2016 2:30:00 AM	657900.000	71.638	17.354	161.371	
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42032.039	49217.184	33.468	32.359	23.791	1.023
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42071.844	49265.328	33.500	32.395	23.769	1.023
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42079.469	49270.316	33.504	32.398	23.765	1.023
1/26/2016 3:30:00 AM	661500.000	71.617	17.360	161.325	
42046.680	49230.563	33.477	32.369	23.783	1.023
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42050.902	49239.660	33.483	32.376	23.781	1.023
1/26/2016 4:00:00 AM	663300.000	71.633	17.358	161.361	
42070.203	49259.945	33.497	32.391	23.770	1.023
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42044.191	49233.832	33.479	32.371	23.784	1.023
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1/26/2016 5:00:00 AM	666900.000	71.621	17.354	161.333	
42044.313	49234.824	33.480	32.372	23.784	

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1/26/2016 5:15:00 AM 667800.000 71.619 17.353 161.328
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42029.719 49215.625 33.467 32.358 23.793
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42081.984 49274.020 33.506 32.401 23.763
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1.023
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1.023
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1.023
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42085.938 49281.941 33.512 32.407 23.761
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1/26/2016 8:45:00 AM 680400.000 71.618 17.353 161.326
42029.855 49218.969 33.469 32.360 23.793
1.023
1/26/2016 9:00:00 AM 681300.000 71.619 17.351 161.329
42028.480 49219.473 33.469 32.361 23.793
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1/26/2016 9:15:00 AM 682200.000 71.624 17.353 161.340
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1/26/2016 9:30:00 AM 683100.000 71.629 17.354 161.352
42044.613 49234.703 33.480 32.372 23.784
1.023

1/26/2016 9:45:00 AM	684000.000	71.628	17.360	161.350	42110.551	49305.348
33.528	32.424	23.747	1.023			
1/26/2016 10:00:00 AM	684900.000	71.638	17.359	161.372	42039.324	49222.918
33.472	32.364	23.787	1.023			
1/26/2016 10:15:00 AM	685800.000	71.642	17.354	161.381	42041.238	49231.223
33.477	32.369	23.786	1.023			
1/26/2016 10:30:00 AM	686700.000	71.633	17.357	161.360	42056.629	49245.500
33.487	32.380	23.777	1.023			
1/26/2016 10:45:00 AM	687600.000	71.654	17.357	161.407	42041.676	49227.797
33.475	32.367	23.786	1.023			
1/26/2016 11:00:00 AM	688500.000	71.664	17.358	161.429	41984.391	49160.141
33.429	32.318	23.818	1.023			
1/26/2016 11:15:00 AM	689400.000	71.669	17.354	161.441	42002.777	49185.715
33.446	32.336	23.808	1.023			
1/26/2016 11:30:00 AM	690300.000	71.674	17.357	161.452	42087.945	49282.367
33.512	32.407	23.760	1.023			
1/26/2016 11:45:00 AM	691200.000	71.682	17.357	161.470	42012.316	49193.133
33.451	32.342	23.803	1.023			
1/26/2016 12:00:00 PM	692100.000	71.689	17.358	161.487	42074.570	49265.059
33.500	32.395	23.767	1.023			
1/26/2016 12:15:00 PM	693000.000	71.692	17.363	161.493	42041.637	49221.098
33.470	32.363	23.786	1.023			
1/26/2016 12:30:00 PM	693900.000	71.694	17.356	161.498	42036.930	49224.066
33.472	32.364	23.789	1.023			
1/26/2016 12:45:00 PM	694800.000	71.703	17.359	161.518	42044.344	49228.895
33.476	32.368	23.784	1.023			
1/26/2016 1:00:00 PM	695700.000	71.703	17.363	161.517	42004.066	49177.883
33.441	32.331	23.807	1.023			
1/26/2016 1:15:00 PM	696600.000	71.706	17.355	161.526	42005.520	49187.383
33.447	32.337	23.806	1.023			
1/26/2016 1:30:00 PM	697500.000	71.707	17.352	161.527	42048.277	49241.391
33.484	32.377	23.782	1.023			
1/26/2016 1:45:00 PM	698400.000	71.706	17.358	161.524	42027.809	49210.586
33.463	32.355	23.794	1.023			
1/26/2016 2:00:00 PM	699300.000	71.708	17.358	161.530	42027.121	49210.082
33.463	32.354	23.794	1.023			
1/26/2016 2:15:00 PM	700200.000	71.704	17.358	161.521		

42033.695	49217.871	33.468	32.360	23.790		
1.023						
1/26/2016 2:30:00 PM	701100.000	71.703	17.362	161.517		
42057.672	49241.813	33.484	32.378	23.777		
1.023						
1/26/2016 2:45:00 PM	702000.000	71.697	17.355	161.504		
42026.559	49212.109	33.464	32.356	23.794		
1.023						
1/26/2016 3:00:00 PM	702900.000	71.688	17.355	161.485		
42042.230	49231.234	33.477	32.370	23.786		
1.023						
1/26/2016 3:15:00 PM	703800.000	71.687	17.354	161.482		
42027.016	49214.383	33.466	32.357	23.794		
1.023						
1/26/2016 3:30:00 PM	704700.000	71.681	17.357	161.468		
42055.059	49244.223	33.486	32.379	23.778		
1.023						
1/26/2016 3:45:00 PM	705600.000	71.673	17.354	161.449		
42073.840	49269.125	33.503	32.397	23.768		
1.023						
1/26/2016 4:00:00 PM	706500.000	71.649	17.357	161.397		
42040.746	49227.379	33.475	32.367	23.786		
1.023						
1/26/2016 4:15:00 PM	707400.000	71.655	17.356	161.410		
42091.414	49287.867	33.516	32.411	23.758		
1.023						
1/26/2016 4:30:00 PM	708300.000	71.646	17.347	161.390		
42028.664	49224.219	33.472	32.364	23.793		
1.023						
1/26/2016 4:45:00 PM	709200.000	71.640	17.354	161.377		
41994.660	49176.117	33.440	32.329	23.813		
1.023						
1/26/2016 5:00:00 PM	710100.000	71.630	17.354	161.353		
42003.996	49186.848	33.447	32.337	23.807		
1.023						
1/26/2016 5:15:00 PM	711000.000	71.619	17.355	161.328		
42015.133	49198.922	33.455	32.346	23.801		
1.023						
1/26/2016 5:30:00 PM	711900.000	71.607	17.357	161.302		
42066.742	49256.859	33.495	32.388	23.772		
1.023						
1/26/2016 5:45:00 PM	712800.000	71.602	17.359	161.291		
42033.352	49216.320	33.467	32.359	23.791		
1.023						
1/26/2016 6:00:00 PM	713700.000	71.590	17.360	161.263		
42055.469	49240.965	33.484	32.377	23.778		
1.023						
1/26/2016 6:15:00 PM	714600.000	71.586	17.360	161.254		
42048.109	49231.852	33.478	32.370	23.782		
1.023						
1/26/2016 6:30:00 PM	715500.000	71.574	17.361	161.226		
42059.293	49244.094	33.486	32.379	23.776		
1.023						
1/26/2016 6:45:00 PM	716400.000	71.562	17.357	161.202		
42010.949	49191.906	33.450	32.341	23.803		

1.023
1/26/2016 7:00:00 PM 717300.000 71.558 17.359 161.191
42005.477 49183.871 33.445 32.335 23.806
1.023
1/26/2016 7:15:00 PM 718200.000 71.546 17.355 161.165
42032.055 49218.848 33.469 32.360 23.791
1.023
1/26/2016 7:30:00 PM 719100.000 71.545 17.360 161.163
42030.402 49211.617 33.464 32.355 23.792
1.023
1/26/2016 7:45:00 PM 720000.000 71.536 17.354 161.142
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1.023
1/26/2016 8:00:00 PM 720900.000 71.519 17.361 161.104
42028.059 49208.000 33.461 32.353 23.794
1.023
1/26/2016 8:15:00 PM 721800.000 71.529 17.357 161.126
42035.270 49220.965 33.470 32.362 23.790
1.023
1/26/2016 8:30:00 PM 722700.000 71.528 17.356 161.124
42032.324 49217.711 33.468 32.360 23.791
1.023
1/26/2016 8:45:00 PM 723600.000 71.521 17.359 161.108
42022.891 49203.574 33.458 32.349 23.797
1.023
1/26/2016 9:00:00 PM 724500.000 71.523 17.362 161.113
42041.039 49222.141 33.471 32.363 23.786
1.023
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1.023
1/26/2016 9:30:00 PM 726300.000 71.507 17.355 161.077
42002.215 49184.184 33.445 32.335 23.808
1.023
1/26/2016 9:45:00 PM 727200.000 71.526 17.356 161.119
42040.863 49227.801 33.475 32.367 23.786
1.023
1/26/2016 10:00:00 PM 728100.000 71.526 17.358 161.119
42031.789 49214.965 33.466 32.358 23.792
1.023
1/26/2016 10:15:00 PM 729000.000 71.533 17.354 161.135
41995.453 49177.516 33.441 32.330 23.812
1.023
1/26/2016 10:30:00 PM 729900.000 71.535 17.357 161.141
42092.805 49287.859 33.516 32.411 23.757
1.023
1/26/2016 10:45:00 PM 730800.000 71.539 17.361 161.148
41999.078 49173.488 33.438 32.328 23.810
1.023
1/26/2016 11:00:00 PM 731700.000 71.547 17.354 161.167
42059.242 49251.641 33.491 32.384 23.776
1.023
1/26/2016 11:15:00 PM 732600.000 71.562 17.357 161.200
42048.031 49235.328 33.480 32.373 23.782
1.023

1/26/2016 11:30:00 PM	733500.000	71.557	17.358	161.189
42030.281	49213.285	33.465	32.357	23.792
1.023				
1/26/2016 11:45:00 PM	734400.000	71.559	17.356	161.194
42045.598	49233.832	33.479	32.371	23.784
1.023				
1/27/2016 12:00:00 AM	735300.000	71.572	17.357	161.222
42004.984	49185.313	33.446	32.336	23.807
1.023				
1/27/2016 12:15:00 AM	736200.000	71.577	17.358	161.234
42027.246	49209.648	33.463	32.354	23.794
1.023				
1/27/2016 12:30:00 AM	737100.000	71.581	17.354	161.242
42032.121	49219.883	33.470	32.361	23.791
1.023				
1/27/2016 12:45:00 AM	738000.000	71.588	17.355	161.258
42020.047	49204.871	33.459	32.350	23.798
1.023				
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42013.094	49196.922	33.454	32.344	23.802
1.023				
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42045.836	49236.605	33.481	32.373	23.784
1.023				
1/27/2016 1:30:00 AM	740700.000	71.605	17.359	161.297
42044.102	49229.098	33.476	32.368	23.785
1.023				
1/27/2016 1:45:00 AM	741600.000	71.613	17.360	161.316
42020.617	49199.957	33.456	32.347	23.798
1.023				
1/27/2016 2:00:00 AM	742500.000	71.618	17.355	161.326
42044.809	49233.480	33.479	32.371	23.784
1.023				
1/27/2016 2:15:00 AM	743400.000	71.626	17.357	161.345
42010.559	49192.117	33.451	32.341	23.804
1.023				
1/27/2016 2:30:00 AM	744300.000	71.628	17.361	161.348
42012.859	49189.906	33.449	32.340	23.802
1.023				
1/27/2016 2:45:00 AM	745200.000	71.631	17.357	161.356
42016.766	49198.914	33.455	32.346	23.800
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1/27/2016 3:00:00 AM	746100.000	71.636	17.355	161.367
42057.180	49247.875	33.489	32.382	23.777
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42069.238	49259.203	33.496	32.390	23.770
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42058.598	49247.613	33.488	32.382	23.776
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42028.645	49214.551	33.466	32.357	23.793
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42053.617	49244.484	33.486	32.379	23.779		
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41997.172	49178.469	33.441	32.331	23.811		
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42063.648	49256.508	33.494	32.388	23.773		
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42015.055	49197.102	33.454	32.345	23.801		
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42030.023	49214.242	33.466	32.357	23.793		
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42070.633	49263.531	33.499	32.393	23.770		
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42057.223	49247.539	33.488	32.382	23.777		
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42014.469	49194.109	33.452	32.343	23.801		
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42011.270	49193.637	33.452	32.342	23.803		
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42015.641	49200.016	33.456	32.347	23.801		
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1/27/2016 7:15:00 AM	761400.000	71.621	17.360	161.334		
42024.695	49205.125	33.459	32.351	23.796		
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42046.227	49234.570	33.480	32.372	23.783		
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1/27/2016 7:45:00 AM	763200.000	71.622	17.359	161.335		
42057.543	49243.969	33.486	32.379	23.777		
1.023						
1/27/2016 8:00:00 AM	764100.000	71.623	17.358	161.337		
42028.625	49211.648	33.464	32.355	23.793		
1.023						
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42027.664	49207.535	33.461	32.352	23.794		
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42000.230	49177.438	33.441	32.330	23.809		

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1/27/2016 8:45:00 AM 766800.000 71.625 17.354 161.343
42030.555 49218.047 33.468 32.360 23.792
1.023
1/27/2016 9:00:00 AM 767700.000 71.626 17.365 161.344
41993.570 49162.508 33.431 32.320 23.813
1.023
1/27/2016 9:15:00 AM 768600.000 71.628 17.355 161.350
42042.789 49231.418 33.477 32.370 23.785
1.023
1/27/2016 9:30:00 AM 769500.000 71.618 17.355 161.326
42043.484 49232.230 33.478 32.370 23.785
1.023
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1.023
1/27/2016 10:00:00 AM 771300.000 71.637 17.359 161.370
42021.156 49202.133 33.457 32.348 23.798
1.023
1/27/2016 10:15:00 AM 772200.000 71.646 17.354 161.389
42053.652 49245.758 33.487 32.380 23.779
1.023
1/27/2016 10:30:00 AM 773100.000 71.649 17.355 161.396
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1.023
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1.023
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1.023
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1.023
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1.023
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1.023
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42052.961 49238.109 33.482 32.375 23.780
1.023
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42018.195 49193.176 33.451 32.342 23.799
1.023

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42028.926	49214.695	33.466	32.357	23.793
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42041.258	49231.059	33.477	32.369	23.786
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1/27/2016 5:15:00 PM	797400.000	71.652	17.354	161.403
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42007.523	49188.953	33.448	32.339	23.805
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42037.645 49223.078 33.472 32.364 23.788
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42042.953 49232.668 33.478 32.371 23.785
1.023
1/27/2016 9:00:00 PM 810900.000 71.557 17.355 161.190
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1.023
1/27/2016 9:15:00 PM 811800.000 71.557 17.356 161.189
42053.270 49242.910 33.485 32.378 23.779
1.023
1/27/2016 9:30:00 PM 812700.000 71.555 17.359 161.185
42022.266 49203.137 33.458 32.349 23.797
1.023
1/27/2016 9:45:00 PM 813600.000 71.554 17.357 161.182
42031.555 49215.945 33.467 32.358 23.792
1.023
1/27/2016 10:00:00 PM 814500.000 71.539 17.361 161.149
42043.500 49225.883 33.474 32.366 23.785
1.023
1/27/2016 10:15:00 PM 815400.000 71.554 17.361 161.182
42045.609 49228.254 33.475 32.368 23.784

1.023
1/27/2016 10:30:00 PM 816300.000 71.556 17.357 161.188
42013.340 49194.328 33.452 32.343 23.802
1.023
1/27/2016 10:45:00 PM 817200.000 71.561 17.355 161.199
42042.500 49230.688 33.477 32.369 23.785
1.023
1/27/2016 11:00:00 PM 818100.000 71.565 17.358 161.207
42014.633 49194.965 33.453 32.343 23.801
1.023
1/27/2016 11:15:00 PM 819000.000 71.569 17.359 161.216
41988.340 49163.613 33.431 32.320 23.816
1.023
1/27/2016 11:30:00 PM 819900.000 71.576 17.357 161.232
41994.285 49172.590 33.437 32.327 23.813
1.023
1/27/2016 11:45:00 PM 820800.000 71.566 17.356 161.209
41966.035 49141.051 33.416 32.303 23.829
1.023

Report Date: 2/1/2016 10:39:55 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_2016-01-28_09-26-05-671-BaroMerge.wsl
Create Date: 2/1/2016 10:37:01 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
2/1/2016 10:37:01 AM	User Note: "Pressure & Level adjusted by baro data from: "MPWSP BaroTroll Pre Test_2016-01-28_14-47-48-317.wsl""

Log Data:

Record Count: 950

Sensors: 2

1 - 428966: PCTD 100 PSIA (60.1m/197.3ft)

2 - 0: Baro-Adjustment Calc

Time Zone: Pacific Standard Time

		Sensor: PCTD(A) 197.3ft SN#: 428966	Sensor: PCTD(A) 197.3ft SN#: 428966	Sensor: PCTD(A) 197.3ft SN#: 428966	Sensor: PCTD(A) 197.3ft SN#: 428966	Sensor: PCTD(A) 197.3ft SN#: 428966	Sensor: PCTD(A) 197.3ft SN#: 428966	Sensor: PCTD(A) 197.3ft SN#: 428966	Sensor: PCTD(A) 197.3ft SN#: 428966	Sensor: PCTD(A) 197.3ft SN#: 428966	Sensor: 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)		
1/21/2016 12:00:00 AM	216900.000	19.827	16.208	45.193	1933.236	2323.399	1.203	1579.912	517.268	1.000	14.838		
1/21/2016 12:15:00 AM	217800.000	19.834	16.208	45.208	1932.932	2323.040	1.203	1579.667	517.349	1.000	14.831		
1/21/2016 12:30:00 AM	218700.000	19.828	16.208	45.195	1932.685	2322.751	1.203	1579.471	517.415	1.000	14.830		
1/21/2016 12:45:00 AM	219600.000	19.828	16.208	45.195	1932.598	2322.656	1.203	1579.406	517.438	1.000	14.827		
1/21/2016 1:00:00 AM	220500.000	19.834	16.208	45.208	1932.605	2322.628	1.203	1579.387	517.436	1.000	14.827		
1/21/2016 1:15:00 AM	221400.000	19.831	16.207	45.202	1932.573	2322.631	1.203	1579.389	517.445	1.000	14.824		
1/21/2016 1:30:00 AM	222300.000	19.839	16.207	45.219	1932.526	2322.598	1.203	1579.367	517.457	1.000	14.820		
1/21/2016 1:45:00 AM	223200.000	19.831	16.207	45.201									

1932.566 2322.669 1.203 1579.415 517.447
1.000 14.822
1/21/2016 2:00:00 AM 224100.000 19.829 16.207 45.197
1932.243 2322.272 1.202 1579.145 517.533
1.000 14.819
1/21/2016 2:15:00 AM 225000.000 19.833 16.206 45.206
1932.158 2322.231 1.202 1579.118 517.556
1.000 14.825
1/21/2016 2:30:00 AM 225900.000 19.835 16.206 45.211
1932.284 2322.364 1.203 1579.207 517.522
1.000 14.825
1/21/2016 2:45:00 AM 226800.000 19.832 16.206 45.204
1932.429 2322.528 1.203 1579.319 517.483
1.000 14.827
1/21/2016 3:00:00 AM 227700.000 19.830 16.206 45.199
1931.930 2321.961 1.202 1578.933 517.617
1.000 14.817
1/21/2016 3:15:00 AM 228600.000 19.832 16.206 45.203
1931.922 2321.947 1.202 1578.924 517.619
1.000 14.815
1/21/2016 3:30:00 AM 229500.000 19.832 16.205 45.204
1931.775 2321.794 1.202 1578.820 517.659
1.000 14.824
1/21/2016 3:45:00 AM 230400.000 19.834 16.205 45.207
1931.786 2321.797 1.202 1578.822 517.656
1.000 14.817
1/21/2016 4:00:00 AM 231300.000 19.837 16.205 45.215
1931.657 2321.656 1.202 1578.726 517.690
1.000 14.820
1/21/2016 4:15:00 AM 232200.000 19.840 16.205 45.221
1931.510 2321.476 1.202 1578.604 517.730
1.000 14.816
1/21/2016 4:30:00 AM 233100.000 19.839 16.204 45.220
1931.325 2321.296 1.202 1578.481 517.779
1.000 14.814
1/21/2016 4:45:00 AM 234000.000 19.838 16.205 45.218
1930.872 2320.708 1.202 1578.082 517.901
1.000 14.815
1/21/2016 5:00:00 AM 234900.000 19.839 16.205 45.220
1930.946 2320.821 1.202 1578.158 517.881
1.000 14.812
1/21/2016 5:15:00 AM 235800.000 19.844 16.205 45.229
1930.888 2320.761 1.202 1578.117 517.896
1.000 14.807
1/21/2016 5:30:00 AM 236700.000 19.839 16.205 45.219
1930.517 2320.305 1.201 1577.807 517.996
1.000 14.810
1/21/2016 5:45:00 AM 237600.000 19.840 16.205 45.223
1930.579 2320.389 1.201 1577.865 517.979
1.000 14.808
1/21/2016 6:00:00 AM 238500.000 19.840 16.204 45.220
1930.665 2320.535 1.202 1577.964 517.956
1.000 14.803
1/21/2016 6:15:00 AM 239400.000 19.850 16.204 45.244
1930.642 2320.493 1.202 1577.935 517.962
1.000 14.797
1/21/2016 6:30:00 AM 240300.000 19.837 16.203 45.215

1930.522 2320.382 1.201 1577.859 517.995
1.000 14.802
1/21/2016 6:45:00 AM 241200.000 19.841 16.203 45.224
1930.621 2320.505 1.202 1577.944 517.968
1.000 14.804
1/21/2016 7:00:00 AM 242100.000 19.851 16.203 45.247
1930.678 2320.611 1.202 1578.016 517.953
1.000 14.801
1/21/2016 7:15:00 AM 243000.000 19.850 16.203 45.244
1930.587 2320.492 1.202 1577.935 517.977
1.000 14.803
1/21/2016 7:30:00 AM 243900.000 19.846 16.203 45.235
1930.609 2320.519 1.202 1577.953 517.971
1.000 14.809
1/21/2016 7:45:00 AM 244800.000 19.842 16.203 45.227
1930.357 2320.207 1.201 1577.741 518.039
1.000 14.812
1/21/2016 8:00:00 AM 245700.000 19.841 16.202 45.224
1930.625 2320.580 1.202 1577.994 517.967
1.000 14.812
1/21/2016 8:15:00 AM 246600.000 19.850 16.203 45.244
1930.514 2320.410 1.201 1577.879 517.997
1.000 14.802
1/21/2016 8:30:00 AM 247500.000 19.834 16.202 45.208
1930.399 2320.295 1.201 1577.801 518.028
1.000 14.812
1/21/2016 8:45:00 AM 248400.000 19.843 16.202 45.229
1930.359 2320.246 1.201 1577.768 518.038
1.000 14.808
1/21/2016 9:00:00 AM 249300.000 19.848 16.202 45.241
1929.004 2318.627 1.200 1576.667 518.402
1.000 14.808
1/21/2016 9:15:00 AM 250200.000 19.842 16.203 45.226
1928.245 2317.640 1.200 1575.995 518.606
1.000 14.807
1/21/2016 9:30:00 AM 251100.000 19.846 16.203 45.234
1928.061 2317.442 1.200 1575.861 518.656
1.000 14.815
1/21/2016 9:45:00 AM 252000.000 19.851 16.202 45.247
1928.101 2317.523 1.200 1575.916 518.645
1.000 14.809
1/21/2016 10:00:00 AM 252900.000 19.856 16.202 45.258
1927.957 2317.350 1.200 1575.798 518.684
1.000 14.806
1/21/2016 10:15:00 AM 253800.000 19.852 16.202 45.249
1928.037 2317.446 1.200 1575.863 518.662
1.000 14.809
1/21/2016 10:30:00 AM 254700.000 19.852 16.203 45.249
1927.893 2317.263 1.200 1575.739 518.701
1.000 14.811
1/21/2016 10:45:00 AM 255600.000 19.857 16.202 45.261
1927.793 2317.153 1.200 1575.664 518.728
1.000 14.801
1/21/2016 11:00:00 AM 256500.000 19.847 16.203 45.238
1927.706 2317.034 1.200 1575.583 518.751
1.000 14.810
1/21/2016 11:15:00 AM 257400.000 19.837 16.203 45.214

1927.548 2316.830 1.200 1575.444 518.794
1.000 14.814
1/21/2016 11:30:00 AM 258300.000 19.841 16.202 45.225
1927.664 2316.998 1.200 1575.559 518.763
1.000 14.810
1/21/2016 11:45:00 AM 259200.000 19.849 16.202 45.241
1927.850 2317.235 1.200 1575.720 518.713
1.000 14.795
1/21/2016 12:00:00 PM 260100.000 19.845 16.202 45.233
1927.622 2316.957 1.200 1575.531 518.774
1.000 14.793
1/21/2016 12:15:00 PM 261000.000 19.859 16.203 45.266
1927.587 2316.896 1.200 1575.489 518.783
1.000 14.789
1/21/2016 12:30:00 PM 261900.000 19.855 16.202 45.256
1927.765 2317.152 1.200 1575.664 518.735
1.000 14.790
1/21/2016 12:45:00 PM 262800.000 19.848 16.203 45.239
1927.827 2317.185 1.200 1575.686 518.719
1.000 14.793
1/21/2016 1:00:00 PM 263700.000 19.844 16.202 45.230
1927.905 2317.302 1.200 1575.765 518.698
1.000 14.791
1/21/2016 1:15:00 PM 264600.000 19.856 16.202 45.259
1927.825 2317.224 1.200 1575.712 518.719
1.000 14.788
1/21/2016 1:30:00 PM 265500.000 19.851 16.201 45.246
1927.723 2317.139 1.200 1575.654 518.747
1.000 14.787
1/21/2016 1:45:00 PM 266400.000 19.848 16.201 45.240
1927.869 2317.333 1.200 1575.786 518.707
1.000 14.777
1/21/2016 2:00:00 PM 267300.000 19.854 16.201 45.254
1927.926 2317.392 1.200 1575.827 518.692
1.000 14.778
1/21/2016 2:15:00 PM 268200.000 19.853 16.201 45.252
1927.697 2317.126 1.200 1575.646 518.754
1.000 14.778
1/21/2016 2:30:00 PM 269100.000 19.849 16.201 45.241
1927.724 2317.172 1.200 1575.677 518.746
1.000 14.768
1/21/2016 2:45:00 PM 270000.000 19.856 16.200 45.257
1927.857 2317.341 1.200 1575.792 518.711
1.000 14.763
1/21/2016 3:00:00 PM 270900.000 19.857 16.201 45.260
1927.682 2317.121 1.200 1575.642 518.758
1.000 14.765
1/21/2016 3:15:00 PM 271800.000 19.856 16.200 45.258
1927.692 2317.143 1.200 1575.657 518.755
1.000 14.770
1/21/2016 3:30:00 PM 272700.000 19.862 16.201 45.272
1927.674 2317.107 1.200 1575.633 518.760
1.000 14.760
1/21/2016 3:45:00 PM 273600.000 19.858 16.200 45.263
1927.902 2317.405 1.200 1575.835 518.699
1.000 14.765
1/21/2016 4:00:00 PM 274500.000 19.864 16.201 45.276

1927.658 2317.088 1.200 1575.620 518.764
1.000 14.757
1/21/2016 4:15:00 PM 275400.000 19.854 16.200 45.253
1927.634 2317.093 1.200 1575.623 518.771
1.000 14.761
1/21/2016 4:30:00 PM 276300.000 19.860 16.200 45.266
1927.730 2317.203 1.200 1575.698 518.745
1.000 14.751
1/21/2016 4:45:00 PM 277200.000 19.866 16.200 45.280
1927.464 2316.883 1.200 1575.481 518.816
1.000 14.751
1/21/2016 5:00:00 PM 278100.000 19.866 16.200 45.280
1927.981 2317.510 1.200 1575.907 518.677
1.000 14.748
1/21/2016 5:15:00 PM 279000.000 19.856 16.200 45.258
1927.895 2317.425 1.200 1575.849 518.700
1.000 14.750
1/21/2016 5:30:00 PM 279900.000 19.864 16.200 45.276
1928.077 2317.644 1.200 1575.998 518.651
1.000 14.746
1/21/2016 5:45:00 PM 280800.000 19.859 16.200 45.264
1928.071 2317.631 1.200 1575.990 518.653
1.000 14.751
1/21/2016 6:00:00 PM 281700.000 19.866 16.200 45.280
1928.178 2317.765 1.200 1576.081 518.624
1.000 14.747
1/21/2016 6:15:00 PM 282600.000 19.853 16.199 45.251
1928.254 2317.907 1.200 1576.177 518.604
1.000 14.752
1/21/2016 6:30:00 PM 283500.000 19.864 16.199 45.277
1928.300 2317.930 1.200 1576.193 518.592
1.000 14.753
1/21/2016 6:45:00 PM 284400.000 19.862 16.199 45.271
1928.214 2317.841 1.200 1576.132 518.615
1.000 14.752
1/21/2016 7:00:00 PM 285300.000 19.860 16.199 45.267
1928.626 2318.341 1.200 1576.472 518.504
1.000 14.755
1/21/2016 7:15:00 PM 286200.000 19.854 16.199 45.253
1928.554 2318.273 1.200 1576.426 518.523
1.000 14.760
1/21/2016 7:30:00 PM 287100.000 19.856 16.199 45.258
1928.746 2318.476 1.200 1576.564 518.472
1.000 14.758
1/21/2016 7:45:00 PM 288000.000 19.866 16.199 45.280
1928.907 2318.688 1.201 1576.708 518.428
1.000 14.758
1/21/2016 8:00:00 PM 288900.000 19.854 16.198 45.253
1928.969 2318.791 1.201 1576.778 518.412
1.000 14.766
1/21/2016 8:15:00 PM 289800.000 19.865 16.199 45.278
1928.990 2318.782 1.201 1576.772 518.406
1.000 14.766
1/21/2016 8:30:00 PM 290700.000 19.865 16.199 45.279
1929.137 2318.973 1.201 1576.902 518.367
1.000 14.767
1/21/2016 8:45:00 PM 291600.000 19.863 16.199 45.273

1929.164 2318.988 1.201 1576.912 518.359
1.000 14.763
1/21/2016 9:00:00 PM 292500.000 19.864 16.198 45.275
1929.343 2319.226 1.201 1577.074 518.311
1.000 14.760
1/21/2016 9:15:00 PM 293400.000 19.869 16.199 45.287
1929.608 2319.531 1.201 1577.281 518.240
1.000 14.763
1/21/2016 9:30:00 PM 294300.000 19.863 16.199 45.274
1929.689 2319.623 1.201 1577.344 518.218
1.000 14.773
1/21/2016 9:45:00 PM 295200.000 19.864 16.198 45.275
1929.719 2319.683 1.201 1577.385 518.210
1.000 14.768
1/21/2016 10:00:00 PM 296100.000 19.857 16.199 45.259
1930.109 2320.114 1.201 1577.677 518.106
1.000 14.772
1/21/2016 10:15:00 PM 297000.000 19.866 16.199 45.281
1930.177 2320.219 1.201 1577.749 518.087
1.000 14.770
1/21/2016 10:30:00 PM 297900.000 19.869 16.199 45.288
1930.165 2320.195 1.201 1577.733 518.090
1.000 14.767
1/21/2016 10:45:00 PM 298800.000 19.862 16.199 45.271
1930.271 2320.323 1.201 1577.820 518.062
1.000 14.769
1/21/2016 11:00:00 PM 299700.000 19.863 16.200 45.274
1930.562 2320.631 1.202 1578.029 517.984
1.000 14.765
1/21/2016 11:15:00 PM 300600.000 19.868 16.199 45.286
1930.948 2321.119 1.202 1578.361 517.880
1.000 14.769
1/21/2016 11:30:00 PM 301500.000 19.870 16.199 45.290
1930.946 2321.116 1.202 1578.359 517.881
1.000 14.766
1/21/2016 11:45:00 PM 302400.000 19.871 16.199 45.291
1931.511 2321.819 1.202 1578.837 517.729
1.000 14.769
1/22/2016 12:00:00 AM 303300.000 19.863 16.199 45.273
1931.594 2321.919 1.202 1578.905 517.707
1.000 14.768
1/22/2016 12:15:00 AM 304200.000 19.861 16.199 45.269
1931.599 2321.896 1.202 1578.889 517.706
1.000 14.765
1/22/2016 12:30:00 AM 305100.000 19.867 16.200 45.283
1931.969 2322.327 1.203 1579.182 517.607
1.000 14.766
1/22/2016 12:45:00 AM 306000.000 19.862 16.199 45.272
1931.942 2322.328 1.203 1579.183 517.614
1.000 14.774
1/22/2016 1:00:00 AM 306900.000 19.861 16.200 45.270
1932.645 2323.134 1.203 1579.731 517.426
1.000 14.772
1/22/2016 1:15:00 AM 307800.000 19.867 16.199 45.284
1932.380 2322.863 1.203 1579.547 517.497
1.000 14.777
1/22/2016 1:30:00 AM 308700.000 19.865 16.199 45.278

1932.984 2323.565 1.203 1580.024 517.335
1.000 14.778
1/22/2016 1:45:00 AM 309600.000 19.861 16.199 45.270
1932.944 2323.504 1.203 1579.983 517.346
1.000 14.773
1/22/2016 2:00:00 AM 310500.000 19.868 16.199 45.286
1933.041 2323.629 1.203 1580.068 517.320
1.000 14.763
1/22/2016 2:15:00 AM 311400.000 19.879 16.200 45.310
1933.202 2323.809 1.203 1580.190 517.277
1.000 14.745
1/22/2016 2:30:00 AM 312300.000 19.867 16.199 45.284
1933.334 2323.977 1.203 1580.304 517.241
1.000 14.753
1/22/2016 2:45:00 AM 313200.000 19.884 16.199 45.321
1933.602 2324.299 1.204 1580.523 517.170
1.000 14.741
1/22/2016 3:00:00 AM 314100.000 19.865 16.199 45.279
1933.602 2324.294 1.204 1580.520 517.169
1.000 14.747
1/22/2016 3:15:00 AM 315000.000 19.872 16.199 45.293
1933.644 2324.349 1.204 1580.558 517.158
1.000 14.741
1/22/2016 3:30:00 AM 315900.000 19.867 16.199 45.282
1933.720 2324.445 1.204 1580.623 517.138
1.000 14.746
1/22/2016 3:45:00 AM 316800.000 19.868 16.199 45.286
1934.457 2325.345 1.204 1581.235 516.941
1.000 14.743
1/22/2016 4:00:00 AM 317700.000 19.859 16.199 45.265
1934.241 2325.076 1.204 1581.052 516.999
1.000 14.747
1/22/2016 4:15:00 AM 318600.000 19.871 16.198 45.292
1934.611 2325.558 1.204 1581.380 516.900
1.000 14.747
1/22/2016 4:30:00 AM 319500.000 19.871 16.199 45.293
1934.951 2325.934 1.204 1581.635 516.809
1.000 14.748
1/22/2016 4:45:00 AM 320400.000 19.871 16.198 45.292
1935.262 2326.351 1.205 1581.919 516.726
1.000 14.738
1/22/2016 5:00:00 AM 321300.000 19.876 16.199 45.305
1935.795 2326.949 1.205 1582.325 516.584
1.000 14.741
1/22/2016 5:15:00 AM 322200.000 19.871 16.198 45.293
1935.857 2327.061 1.205 1582.401 516.567
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1988.786 2390.440 1.240 1625.500 502.819
1.000 14.869
1/26/2016 8:30:00 PM 722700.000 20.031 16.203 45.657
1988.713 2390.338 1.240 1625.430 502.838
1.000 14.866
1/26/2016 8:45:00 PM 723600.000 20.035 16.203 45.665
1988.427 2389.975 1.239 1625.183 502.910
1.000 14.870
1/26/2016 9:00:00 PM 724500.000 20.029 16.203 45.653
1988.244 2389.766 1.239 1625.041 502.956
1.000 14.872
1/26/2016 9:15:00 PM 725400.000 20.027 16.203 45.648
1988.183 2389.696 1.239 1624.993 502.972
1.000 14.878
1/26/2016 9:30:00 PM 726300.000 20.035 16.202 45.666
1987.856 2389.351 1.239 1624.759 503.055
1.000 14.874
1/26/2016 9:45:00 PM 727200.000 20.030 16.203 45.654
1987.820 2389.298 1.239 1624.723 503.064
1.000 14.873
1/26/2016 10:00:00 PM 728100.000 20.032 16.202 45.658
1987.475 2388.918 1.239 1624.464 503.151
1.000 14.880
1/26/2016 10:15:00 PM 729000.000 20.033 16.203 45.662
1987.182 2388.531 1.239 1624.201 503.225
1.000 14.880
1/26/2016 10:30:00 PM 729900.000 20.030 16.203 45.654
1986.890 2388.176 1.238 1623.960 503.299
1.000 14.877
1/26/2016 10:45:00 PM 730800.000 20.032 16.203 45.658
1986.962 2388.263 1.238 1624.019 503.281
1.000 14.883
1/26/2016 11:00:00 PM 731700.000 20.035 16.203 45.665
1986.717 2387.940 1.238 1623.799 503.343
1.000 14.879
1/26/2016 11:15:00 PM 732600.000 20.035 16.204 45.665
1986.994 2388.209 1.238 1623.982 503.273
1.000 14.880
1/26/2016 11:30:00 PM 733500.000 20.030 16.204 45.655
1987.086 2388.315 1.238 1624.054 503.250
1.000 14.883
1/26/2016 11:45:00 PM 734400.000 20.034 16.204 45.664
1987.178 2388.426 1.239 1624.129 503.226
1.000 14.882
1/27/2016 12:00:00 AM 735300.000 20.026 16.205 45.646
1987.255 2388.480 1.239 1624.166 503.207
1.000 14.887
1/27/2016 12:15:00 AM 736200.000 20.035 16.205 45.666

1987.300 2388.552 1.239 1624.216 503.195
1.000 14.879
1/27/2016 12:30:00 AM 737100.000 20.033 16.204 45.662
1987.174 2388.416 1.239 1624.123 503.227
1.000 14.880
1/27/2016 12:45:00 AM 738000.000 20.039 16.204 45.676
1987.507 2388.836 1.239 1624.408 503.143
1.000 14.880
1/27/2016 1:00:00 AM 738900.000 20.027 16.204 45.647
1987.387 2388.687 1.239 1624.307 503.173
1.000 14.881
1/27/2016 1:15:00 AM 739800.000 20.035 16.205 45.665
1987.400 2388.674 1.239 1624.298 503.170
1.000 14.879
1/27/2016 1:30:00 AM 740700.000 20.037 16.205 45.671
1987.281 2388.506 1.239 1624.184 503.200
1.000 14.878
1/27/2016 1:45:00 AM 741600.000 20.035 16.205 45.666
1986.919 2388.057 1.238 1623.879 503.292
1.000 14.877
1/27/2016 2:00:00 AM 742500.000 20.039 16.206 45.674
1987.007 2388.148 1.238 1623.941 503.269
1.000 14.872
1/27/2016 2:15:00 AM 743400.000 20.029 16.206 45.652
1986.838 2387.954 1.238 1623.809 503.312
1.000 14.879
1/27/2016 2:30:00 AM 744300.000 20.041 16.206 45.680
1986.674 2387.733 1.238 1623.659 503.354
1.000 14.871
1/27/2016 2:45:00 AM 745200.000 20.039 16.206 45.675
1986.766 2387.849 1.238 1623.738 503.330
1.000 14.870
1/27/2016 3:00:00 AM 746100.000 20.039 16.206 45.676
1986.790 2387.893 1.238 1623.767 503.324
1.000 14.875
1/27/2016 3:15:00 AM 747000.000 20.035 16.206 45.667
1986.885 2387.996 1.238 1623.838 503.300
1.000 14.873
1/27/2016 3:30:00 AM 747900.000 20.031 16.207 45.657
1986.911 2387.965 1.238 1623.816 503.294
1.000 14.876
1/27/2016 3:45:00 AM 748800.000 20.032 16.206 45.658
1987.174 2388.310 1.238 1624.051 503.227
1.000 14.871
1/27/2016 4:00:00 AM 749700.000 20.034 16.206 45.663
1987.440 2388.644 1.239 1624.278 503.160
1.000 14.865
1/27/2016 4:15:00 AM 750600.000 20.041 16.207 45.681
1987.619 2388.826 1.239 1624.402 503.115
1.000 14.865
1/27/2016 4:30:00 AM 751500.000 20.035 16.207 45.667
1987.755 2388.994 1.239 1624.516 503.080
1.000 14.868
1/27/2016 4:45:00 AM 752400.000 20.033 16.207 45.660
1987.732 2388.961 1.239 1624.494 503.086
1.000 14.866
1/27/2016 5:00:00 AM 753300.000 20.040 16.207 45.678

1987.854 2389.089 1.239 1624.580 503.055
1.000 14.860
1/27/2016 5:15:00 AM 754200.000 20.040 16.207 45.677
1987.915 2389.147 1.239 1624.620 503.040
1.000 14.860
1/27/2016 5:30:00 AM 755100.000 20.032 16.207 45.660
1987.823 2389.070 1.239 1624.568 503.063
1.000 14.859
1/27/2016 5:45:00 AM 756000.000 20.046 16.207 45.692
1987.667 2388.869 1.239 1624.431 503.102
1.000 14.858
1/27/2016 6:00:00 AM 756900.000 20.038 16.207 45.673
1987.440 2388.616 1.239 1624.259 503.160
1.000 14.864
1/27/2016 6:15:00 AM 757800.000 20.042 16.207 45.681
1987.528 2388.722 1.239 1624.331 503.137
1.000 14.862
1/27/2016 6:30:00 AM 758700.000 20.034 16.206 45.663
1987.462 2388.656 1.239 1624.286 503.154
1.000 14.867
1/27/2016 6:45:00 AM 759600.000 20.041 16.206 45.680
1987.465 2388.689 1.239 1624.308 503.154
1.000 14.862
1/27/2016 7:00:00 AM 760500.000 20.037 16.206 45.671
1987.603 2388.826 1.239 1624.402 503.119
1.000 14.865
1/27/2016 7:15:00 AM 761400.000 20.046 16.206 45.690
1987.719 2388.966 1.239 1624.497 503.089
1.000 14.861
1/27/2016 7:30:00 AM 762300.000 20.039 16.206 45.676
1987.744 2388.990 1.239 1624.513 503.083
1.000 14.867
1/27/2016 7:45:00 AM 763200.000 20.037 16.206 45.671
1987.937 2389.252 1.239 1624.691 503.034
1.000 14.871
1/27/2016 8:00:00 AM 764100.000 20.039 16.207 45.675
1988.270 2389.617 1.239 1624.940 502.950
1.000 14.871
1/27/2016 8:15:00 AM 765000.000 20.033 16.207 45.662
1988.333 2389.684 1.239 1624.985 502.934
1.000 14.869
1/27/2016 8:30:00 AM 765900.000 20.035 16.207 45.666
1988.264 2389.587 1.239 1624.919 502.951
1.000 14.873
1/27/2016 8:45:00 AM 766800.000 20.033 16.207 45.662
1988.251 2389.594 1.239 1624.924 502.955
1.000 14.877
1/27/2016 9:00:00 AM 767700.000 20.041 16.207 45.680
1988.465 2389.833 1.239 1625.087 502.900
1.000 14.876
1/27/2016 9:15:00 AM 768600.000 20.045 16.206 45.689
1988.717 2390.169 1.240 1625.315 502.837
1.000 14.873
1/27/2016 9:30:00 AM 769500.000 20.042 16.206 45.683
1988.556 2389.972 1.239 1625.181 502.877
1.000 14.874
1/27/2016 9:45:00 AM 770400.000 20.033 16.206 45.662

1988.658 2390.089 1.239 1625.261 502.852
1.000 14.882
1/27/2016 10:00:00 AM 771300.000 20.042 16.206 45.683
1988.741 2390.227 1.240 1625.355 502.831
1.000 14.876
1/27/2016 10:15:00 AM 772200.000 20.040 16.206 45.677
1988.457 2389.876 1.239 1625.116 502.903
1.000 14.877
1/27/2016 10:30:00 AM 773100.000 20.036 16.206 45.668
1988.278 2389.647 1.239 1624.960 502.948
1.000 14.878
1/27/2016 10:45:00 AM 774000.000 20.034 16.206 45.664
1988.143 2389.470 1.239 1624.840 502.982
1.000 14.874
1/27/2016 11:00:00 AM 774900.000 20.030 16.207 45.653
1988.030 2389.319 1.239 1624.737 503.011
1.000 14.878
1/27/2016 11:15:00 AM 775800.000 20.035 16.207 45.666
1987.881 2389.131 1.239 1624.609 503.048
1.000 14.877
1/27/2016 11:30:00 AM 776700.000 20.030 16.207 45.654
1987.793 2389.045 1.239 1624.550 503.070
1.000 14.871
1/27/2016 11:45:00 AM 777600.000 20.028 16.207 45.649
1987.844 2389.062 1.239 1624.562 503.058
1.000 14.871
1/27/2016 12:00:00 PM 778500.000 20.039 16.207 45.675
1987.544 2388.711 1.239 1624.324 503.133
1.000 14.871
1/27/2016 12:15:00 PM 779400.000 20.042 16.208 45.682
1987.340 2388.428 1.239 1624.131 503.185
1.000 14.862
1/27/2016 12:30:00 PM 780300.000 20.041 16.208 45.679
1987.280 2388.351 1.239 1624.079 503.200
1.000 14.854
1/27/2016 12:45:00 PM 781200.000 20.041 16.208 45.680
1987.579 2388.725 1.239 1624.333 503.125
1.000 14.858
1/27/2016 1:00:00 PM 782100.000 20.042 16.207 45.683
1987.999 2389.268 1.239 1624.702 503.018
1.000 14.856
1/27/2016 1:15:00 PM 783000.000 20.040 16.207 45.678
1988.568 2389.932 1.239 1625.154 502.874
1.000 14.854
1/27/2016 1:30:00 PM 783900.000 20.039 16.207 45.675
1988.491 2389.845 1.239 1625.095 502.894
1.000 14.855
1/27/2016 1:45:00 PM 784800.000 20.041 16.207 45.680
1988.885 2390.347 1.240 1625.436 502.794
1.000 14.857
1/27/2016 2:00:00 PM 785700.000 20.037 16.207 45.671
1988.404 2389.745 1.239 1625.027 502.916
1.000 14.855
1/27/2016 2:15:00 PM 786600.000 20.039 16.207 45.675
1988.433 2389.800 1.239 1625.064 502.909
1.000 14.859
1/27/2016 2:30:00 PM 787500.000 20.030 16.207 45.655

1987.796 2389.030 1.239 1624.540 503.070
1.000 14.863
1/27/2016 2:45:00 PM 788400.000 20.045 16.207 45.689
1986.772 2387.779 1.238 1623.690 503.329
1.000 14.853
1/27/2016 3:00:00 PM 789300.000 20.045 16.207 45.689
1987.347 2388.479 1.239 1624.166 503.184
1.000 14.853
1/27/2016 3:15:00 PM 790200.000 20.039 16.208 45.674
1987.363 2388.474 1.239 1624.163 503.179
1.000 14.852
1/27/2016 3:30:00 PM 791100.000 20.041 16.208 45.680
1987.565 2388.693 1.239 1624.312 503.128
1.000 14.849
1/27/2016 3:45:00 PM 792000.000 20.042 16.208 45.683
1988.149 2389.415 1.239 1624.802 502.980
1.000 14.845
1/27/2016 4:00:00 PM 792900.000 20.040 16.207 45.678
1988.873 2390.304 1.240 1625.407 502.797
1.000 14.846
1/27/2016 4:15:00 PM 793800.000 20.034 16.208 45.664
1989.805 2391.410 1.240 1626.159 502.562
1.000 14.855
1/27/2016 4:30:00 PM 794700.000 20.045 16.207 45.688
1990.430 2392.180 1.241 1626.682 502.404
1.000 14.846
1/27/2016 4:45:00 PM 795600.000 20.039 16.208 45.674
1990.757 2392.540 1.241 1626.927 502.321
1.000 14.857
1/27/2016 5:00:00 PM 796500.000 20.042 16.208 45.682
1991.206 2393.060 1.241 1627.281 502.208
1.000 14.853
1/27/2016 5:15:00 PM 797400.000 20.032 16.207 45.660
1991.299 2393.215 1.241 1627.387 502.185
1.000 14.862
1/27/2016 5:30:00 PM 798300.000 20.039 16.208 45.675
1991.312 2393.192 1.241 1627.371 502.181
1.000 14.859
1/27/2016 5:45:00 PM 799200.000 20.030 16.208 45.654
1991.669 2393.607 1.241 1627.653 502.091
1.000 14.858
1/27/2016 6:00:00 PM 800100.000 20.048 16.208 45.696
1991.471 2393.403 1.241 1627.514 502.141
1.000 14.850
1/27/2016 6:15:00 PM 801000.000 20.036 16.207 45.668
1991.366 2393.291 1.241 1627.438 502.168
1.000 14.859
1/27/2016 6:30:00 PM 801900.000 20.042 16.208 45.681
1991.177 2393.059 1.241 1627.280 502.215
1.000 14.860
1/27/2016 6:45:00 PM 802800.000 20.036 16.208 45.669
1991.126 2392.969 1.241 1627.219 502.228
1.000 14.867
1/27/2016 7:00:00 PM 803700.000 20.039 16.208 45.674
1990.776 2392.563 1.241 1626.943 502.317
1.000 14.861
1/27/2016 7:15:00 PM 804600.000 20.038 16.208 45.672

1990.187	2391.839	1.240	1626.451	502.465	1.000	14.869
1/27/2016 7:30:00 PM	805500.000	20.046	16.208	45.690	1989.979	2391.600
1.240	1626.288	502.518	1.000	14.862		
1/27/2016 7:45:00 PM	806400.000	20.042	16.209	45.681	1989.646	2391.156
1.240	1625.986	502.602	1.000	14.869		
1/27/2016 8:00:00 PM	807300.000	20.041	16.209	45.680	1989.028	2390.413
1.240	1625.481	502.758	1.000	14.866		
1/27/2016 8:15:00 PM	808200.000	20.032	16.209	45.659	1988.799	2390.109
1.239	1625.275	502.816	1.000	14.867		
1/27/2016 8:30:00 PM	809100.000	20.038	16.209	45.673	1988.317	2389.515
1.239	1624.870	502.938	1.000	14.872		
1/27/2016 8:45:00 PM	810000.000	20.025	16.210	45.644	1987.792	2388.866
1.239	1624.429	503.071	1.000	14.876		
1/27/2016 9:00:00 PM	810900.000	20.034	16.210	45.665	1987.224	2388.177
1.238	1623.961	503.215	1.000	14.872		
1/27/2016 9:15:00 PM	811800.000	20.039	16.210	45.676	1986.994	2387.887
1.238	1623.764	503.273	1.000	14.870		
1/27/2016 9:30:00 PM	812700.000	20.035	16.210	45.667	1986.624	2387.438
1.238	1623.458	503.367	1.000	14.873		
1/27/2016 9:45:00 PM	813600.000	20.042	16.211	45.681	1986.215	2386.922
1.238	1623.107	503.470	1.000	14.869		
1/27/2016 10:00:00 PM	814500.000	20.035	16.211	45.666	1985.667	2386.244
1.237	1622.646	503.609	1.000	14.875		
1/27/2016 10:15:00 PM	815400.000	20.044	16.211	45.687	1985.311	2385.822
1.237	1622.359	503.699	1.000	14.876		
1/27/2016 10:30:00 PM	816300.000	20.043	16.211	45.684	1985.325	2385.852
1.237	1622.379	503.696	1.000	14.871		
1/27/2016 10:45:00 PM	817200.000	20.039	16.211	45.674	1985.252	2385.746
1.237	1622.307	503.714	1.000	14.875		
1/27/2016 11:00:00 PM	818100.000	20.038	16.211	45.672	1985.225	2385.708
1.237	1622.281	503.721	1.000	14.877		
1/27/2016 11:15:00 PM	819000.000	20.044	16.211	45.686	1985.568	2386.110
1.237	1622.555	503.634	1.000	14.875		
1/27/2016 11:30:00 PM	819900.000	20.038	16.211	45.672	1985.993	2386.621
1.238	1622.902	503.527	1.000	14.879		
1/27/2016 11:45:00 PM	820800.000	20.043	16.212	45.684	1986.469	2387.179
1.238	1623.282	503.406	1.000	14.872		

Report Date: 2/1/2016 10:40:00 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_2016-01-28_08-54-45-675-BaroMerge.wsl
Create Date: 2/1/2016 10:37:01 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
2/1/2016 10:37:01 AM	User Note: "Pressure & Level adjusted by baro data from: "MPWSP BaroTroll Pre Test_2016-01-28_14-47-48-317.wsl""

Log Data:
Record Count: 949
Sensors: 2
1 - 437458: PCTD 300 PSIA (200.7m/658.7ft)
2 - 0: Baro-Adjustment Calc
Time Zone: Pacific Standard Time

		Sensor: PCTD(A) 658.7ft SN#: 437458	Sensor: PCTD(A) 658.7ft SN#: 437458	Sensor: PCTD(A) 658.7ft SN#: 437458	Sensor: PCTD(A) 658.7ft SN#: 437458	Sensor: PCTD(A) 658.7ft SN#: 437458	Sensor: PCTD(A) 658.7ft SN#: 437458	Sensor: PCTD(A) 658.7ft SN#: 437458	Sensor: PCTD(A) 658.7ft SN#: 437458	Sensor: PCTD(A) 658.7ft SN#: 437458	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)	Corrected Barometric Pressure (PSI)
1/21/2016 12:00:00 AM	216900.000	152.973	21.131	353.211	628.445	678.587	0.334	461.439	1591.228	0.998	14.838
1/21/2016 12:15:00 AM	217800.000	152.989	21.135	353.248	628.349	678.432	0.334	461.334	1591.473	0.998	14.831
1/21/2016 12:30:00 AM	218700.000	152.988	21.127	353.243	627.819	677.968	0.334	461.018	1592.816	0.998	14.830
1/21/2016 12:45:00 AM	219600.000	152.977	21.131	353.219	627.991	678.100	0.334	461.108	1592.378	0.998	14.827
1/21/2016 1:00:00 AM	220500.000	152.977	21.127	353.219	627.603	677.735	0.333	460.860	1593.364	0.998	14.827

1/21/2016 1:15:00 AM 221400.000 152.989 21.133 353.247
627.641 677.692 0.333 460.830 1593.267
0.998 14.824
1/21/2016 1:30:00 AM 222300.000 152.991 21.134 353.252
627.348 677.361 0.333 460.606 1594.012
0.998 14.820
1/21/2016 1:45:00 AM 223200.000 152.986 21.128 353.239
627.199 677.286 0.333 460.554 1594.391
0.998 14.822
1/21/2016 2:00:00 AM 224100.000 152.994 21.128 353.258
628.149 678.320 0.334 461.258 1591.980
0.998 14.819
1/21/2016 2:15:00 AM 225000.000 152.992 21.132 353.254
628.398 678.527 0.334 461.399 1591.348
0.998 14.825
1/21/2016 2:30:00 AM 225900.000 152.995 21.137 353.261
628.506 678.567 0.334 461.425 1591.074
0.998 14.825
1/21/2016 2:45:00 AM 226800.000 152.985 21.136 353.237
628.615 678.707 0.334 461.521 1590.799
0.998 14.827
1/21/2016 3:00:00 AM 227700.000 153.000 21.133 353.271
628.129 678.218 0.334 461.188 1592.030
0.998 14.817
1/21/2016 3:15:00 AM 228600.000 152.994 21.126 353.259
628.683 678.925 0.334 461.669 1590.627
0.998 14.815
1/21/2016 3:30:00 AM 229500.000 152.983 21.123 353.233
630.220 680.619 0.335 462.821 1586.747
0.998 14.824
1/21/2016 3:45:00 AM 230400.000 152.994 21.120 353.259
629.935 680.356 0.335 462.642 1587.466
0.998 14.817
1/21/2016 4:00:00 AM 231300.000 153.000 21.123 353.273
629.807 680.172 0.335 462.517 1587.789
0.998 14.820
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1/21/2016 3:00:00 PM	270900.000	153.069	21.123	353.433	627.831	678.035	0.334
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1/21/2016 3:15:00 PM	271800.000	153.060	21.132	353.410	628.352	678.479	0.334
461.366	1591.465	0.998	14.770				
1/21/2016 3:30:00 PM	272700.000	153.052	21.128	353.392	628.598	678.795	0.334
461.580	1590.841	0.998	14.760				
1/21/2016 3:45:00 PM	273600.000	153.051	21.126	353.390	628.203	678.406	0.334
461.316	1591.841	0.998	14.765				
1/21/2016 4:00:00 PM	274500.000	153.053	21.125	353.395	627.658	677.823	0.334
460.920	1593.224	0.998	14.757				
1/21/2016 4:15:00 PM	275400.000	153.030	21.128	353.342	627.950	678.099	0.334
461.107	1592.485	0.998	14.761				
1/21/2016 4:30:00 PM	276300.000	153.047	21.123	353.381	628.259	678.505	0.334
461.384	1591.700	0.998	14.751				
1/21/2016 4:45:00 PM	277200.000	153.039	21.114	353.363	627.822	678.161	0.334
461.149	1592.809	0.998	14.751				
1/21/2016 5:00:00 PM	278100.000	153.032	21.135	353.346	628.309	678.393	0.334
461.307	1591.573	0.998	14.748				
1/21/2016 5:15:00 PM	279000.000	153.031	21.118	353.344	628.008	678.295	0.334
461.241	1592.337	0.998	14.750				
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460.937	1593.365	0.998	14.746				
1/21/2016 5:45:00 PM	280800.000	153.026	21.128	353.332	627.964	678.108	0.334
461.114	1592.449	0.998	14.751				
1/21/2016 6:00:00 PM	281700.000	153.021	21.128	353.321	628.350	678.528	0.334
461.399	1591.469	0.998	14.747				
1/21/2016 6:15:00 PM	282600.000	153.002	21.134	353.277	628.324	678.421	0.334
461.326	1591.534	0.998	14.752				
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461.328	1591.633	0.998	14.753				
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461.344	1591.500	0.998	14.752				
1/21/2016 7:00:00 PM	285300.000	153.001	21.141	353.274	628.235	678.224	0.334
461.192	1591.760	0.998	14.755				

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628.803 679.160 0.334 461.829 1590.323
0.998 14.766

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1/22/2016 12:15:00 AM	304200.000	153.000	21.136	353.272	628.153	678.208	0.334	461.181	1591.968	0.998	14.765
1/22/2016 12:30:00 AM	305100.000	153.001	21.134	353.274	627.739	677.790	0.333	460.897	1593.019	0.998	14.766
1/22/2016 12:45:00 AM	306000.000	153.005	21.133	353.283	627.888	677.967	0.334	461.018	1592.642	0.998	14.774
1/22/2016 1:00:00 AM	306900.000	153.047	21.133	353.382	628.100	678.188	0.334	461.168	1592.104	0.998	14.772
1/22/2016 1:15:00 AM	307800.000	153.014	21.122	353.305	628.037	678.273	0.334	461.225	1592.263	0.998	14.777
1/22/2016 1:30:00 AM	308700.000	153.010	21.129	353.295	628.089	678.235	0.334	461.200	1592.131	0.998	14.778
1/22/2016 1:45:00 AM	309600.000	152.964	21.127	353.190	628.293	678.478	0.334	461.365	1591.615	0.998	14.773
1/22/2016 2:00:00 AM	310500.000	153.017	21.123	353.310	628.491	678.746	0.334	461.547	1591.114	0.998	14.763
1/22/2016 2:15:00 AM	311400.000	153.018	21.137	353.313	629.441	679.589	0.334	462.121	1588.712	0.998	14.745
1/22/2016 2:30:00 AM	312300.000	153.030	21.123	353.341	629.461	679.802	0.335	462.265	1588.661	0.998	14.753
1/22/2016 2:45:00 AM	313200.000	153.042	21.116	353.369	629.700	680.152	0.335	462.503	1588.059	0.998	14.741
1/22/2016 3:00:00 AM	314100.000	153.019	21.131	353.317	629.710	679.956	0.335	462.370	1588.032	0.998	14.747
1/22/2016 3:15:00 AM	315000.000	153.030	21.130	353.342	629.838	680.109	0.335	462.474	1587.710	0.998	14.741
1/22/2016 3:30:00 AM	315900.000	153.035	21.119	353.354	629.541	679.938	0.335	462.358	1588.459	0.998	14.746
1/22/2016 3:45:00 AM	316800.000	153.032	21.128	353.347	630.060	680.376	0.335	462.656	1587.151	0.998	14.743
1/22/2016 4:00:00 AM	317700.000	153.030	21.131	353.342	630.578	680.894	0.335	463.008	1585.845	0.998	14.747

1/22/2016 4:15:00 AM	318600.000	153.028	21.133	353.336	630.501	680.777	0.335	462.928	1586.040	0.998	14.747
1/22/2016 4:30:00 AM	319500.000	153.042	21.123	353.370	630.471	680.888	0.335	463.004	1586.115	0.998	14.748
1/22/2016 4:45:00 AM	320400.000	153.050	21.127	353.387	630.332	680.684	0.335	462.865	1586.466	0.998	14.738
1/22/2016 5:00:00 AM	321300.000	153.044	21.123	353.374	629.751	680.119	0.335	462.481	1587.929	0.998	14.741
1/22/2016 5:15:00 AM	322200.000	153.055	21.122	353.400	629.924	680.308	0.335	462.610	1587.493	0.998	14.740
1/22/2016 5:30:00 AM	323100.000	153.039	21.135	353.363	630.057	680.277	0.335	462.588	1587.158	0.998	14.742
1/22/2016 5:45:00 AM	324000.000	153.037	21.135	353.358	630.000	680.214	0.335	462.545	1587.302	0.998	14.744
1/22/2016 6:00:00 AM	324900.000	153.057	21.139	353.403	629.357	679.467	0.334	462.037	1588.923	0.998	14.746
1/22/2016 6:15:00 AM	325800.000	153.044	21.135	353.375	628.416	678.509	0.334	461.386	1591.302	0.998	14.746
1/22/2016 6:30:00 AM	326700.000	153.057	21.122	353.405	628.365	678.631	0.334	461.469	1591.431	0.998	14.748
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1/22/2016 7:00:00 AM	328500.000	153.055	21.131	353.398	629.019	679.207	0.334	461.861	1589.777	0.998	14.747
1/22/2016 7:15:00 AM	329400.000	153.023	21.136	353.325	629.089	679.220	0.334	461.869	1589.599	0.998	14.752
1/22/2016 7:30:00 AM	330300.000	153.067	21.130	353.426	629.349	679.579	0.334	462.114	1588.944	0.998	14.750
1/22/2016 7:45:00 AM	331200.000	153.056	21.139	353.403	629.587	679.711	0.334	462.204	1588.343	0.998	14.755
1/22/2016 8:00:00 AM	332100.000	153.063	21.127	353.418	629.234	679.498	0.334	462.058	1589.233	0.998	14.758
1/22/2016 8:15:00 AM	333000.000	153.065	21.135	353.423	629.153	679.304	0.334	461.927	1589.440	0.998	14.759
1/22/2016 8:30:00 AM	333900.000	153.074	21.129	353.443	629.192	679.432	0.334	462.014	1589.341	0.998	14.759

1/22/2016 8:45:00 AM	334800.000	153.070	21.127	353.433	629.673	679.968	0.335	462.378	1588.127	0.998	14.755
1/22/2016 9:00:00 AM	335700.000	153.081	21.134	353.460	629.995	680.228	0.335	462.555	1587.315	0.998	14.751
1/22/2016 9:15:00 AM	336600.000	153.085	21.120	353.468	629.279	679.648	0.334	462.161	1589.121	0.998	14.761
1/22/2016 9:30:00 AM	337500.000	153.079	21.127	353.455	629.330	679.604	0.334	462.131	1588.992	0.998	14.755
1/22/2016 9:45:00 AM	338400.000	153.076	21.116	353.447	629.704	680.163	0.335	462.511	1588.048	0.998	14.762
1/22/2016 10:00:00 AM	339300.000	153.096	21.117	353.493	630.561	681.073	0.335	463.129	1585.890	0.998	14.759
1/22/2016 10:15:00 AM	340200.000	153.099	21.122	353.500	632.049	682.607	0.336	464.173	1582.156	0.998	14.756
1/22/2016 10:30:00 AM	341100.000	153.098	21.123	353.497	631.483	681.977	0.336	463.745	1583.574	0.998	14.748
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1/22/2016 11:00:00 AM	342900.000	153.103	21.127	353.510	630.529	680.894	0.335	463.008	1585.970	0.998	14.749
1/22/2016 11:15:00 AM	343800.000	153.096	21.139	353.494	629.473	679.584	0.334	462.117	1588.631	0.998	14.756
1/22/2016 11:30:00 AM	344700.000	153.112	21.136	353.531	629.336	679.478	0.334	462.045	1588.976	0.998	14.745
1/22/2016 11:45:00 AM	345600.000	153.067	21.135	353.426	629.349	679.513	0.334	462.069	1588.943	0.998	14.739
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1/22/2016 12:30:00 PM	348300.000	153.147	21.133	353.612	627.738	677.801	0.333	460.905	1593.021	0.998	14.736
1/22/2016 12:45:00 PM	349200.000	153.120	21.128	353.549	627.894	678.040	0.334	461.068	1592.625	0.998	14.718
1/22/2016 1:00:00 PM	350100.000	153.118	21.130	353.545	628.001	678.121	0.334	461.123	1592.354	0.998	14.731

1/22/2016 1:15:00 PM	351000.000	153.106	21.130	353.517	628.189	678.325	0.334	461.261	1591.878	0.998	14.732
1/22/2016 1:30:00 PM	351900.000	153.114	21.134	353.536	628.527	678.637	0.334	461.473	1591.022	0.998	14.717
1/22/2016 1:45:00 PM	352800.000	153.115	21.119	353.538	628.156	678.441	0.334	461.340	1591.960	0.998	14.716
1/22/2016 2:00:00 PM	353700.000	153.118	21.124	353.544	628.476	678.726	0.334	461.534	1591.151	0.998	14.715
1/22/2016 2:15:00 PM	354600.000	153.112	21.135	353.530	628.778	678.898	0.334	461.651	1590.387	0.998	14.722
1/22/2016 2:30:00 PM	355500.000	153.112	21.130	353.532	628.871	679.071	0.334	461.768	1590.151	0.998	14.720
1/22/2016 2:45:00 PM	356400.000	153.111	21.131	353.529	628.794	678.972	0.334	461.701	1590.345	0.998	14.715
1/22/2016 3:00:00 PM	357300.000	153.093	21.127	353.488	629.273	679.536	0.334	462.085	1589.136	0.998	14.716
1/22/2016 3:15:00 PM	358200.000	153.087	21.132	353.474	629.838	680.078	0.335	462.453	1587.710	0.998	14.714
1/22/2016 3:30:00 PM	359100.000	153.087	21.141	353.473	629.023	679.079	0.334	461.774	1589.767	0.998	14.713
1/22/2016 3:45:00 PM	360000.000	153.094	21.131	353.489	628.703	678.876	0.334	461.635	1590.577	0.998	14.714
1/22/2016 4:00:00 PM	360900.000	153.095	21.120	353.491	628.417	678.718	0.334	461.528	1591.299	0.998	14.723
1/22/2016 4:15:00 PM	361800.000	153.080	21.125	353.457	628.967	679.245	0.334	461.887	1589.909	0.998	14.720
1/22/2016 4:30:00 PM	362700.000	153.097	21.114	353.497	628.776	679.180	0.334	461.843	1590.391	0.998	14.714
1/22/2016 4:45:00 PM	363600.000	153.077	21.129	353.450	630.459	680.793	0.335	462.939	1586.145	0.998	14.723
1/22/2016 5:00:00 PM	364500.000	153.093	21.122	353.487	630.586	681.036	0.335	463.104	1585.826	0.998	14.719
1/22/2016 5:15:00 PM	365400.000	153.080	21.132	353.456	630.552	680.859	0.335	462.984	1585.911	0.998	14.722
1/22/2016 5:30:00 PM	366300.000	153.078	21.136	353.453	631.078	681.363	0.335	463.327	1584.590	0.998	14.719

1/22/2016 5:45:00 PM 367200.000 153.067 21.135 353.427
630.507 680.755 0.335 462.914 1586.025
0.998 14.727
1/22/2016 6:00:00 PM 368100.000 153.077 21.127 353.451
629.855 680.172 0.335 462.517 1587.666
0.998 14.720
1/22/2016 6:15:00 PM 369000.000 153.066 21.126 353.424
629.559 679.865 0.335 462.308 1588.414
0.998 14.727
1/22/2016 6:30:00 PM 369900.000 153.061 21.135 353.413
629.901 680.104 0.335 462.470 1587.550
0.998 14.728
1/22/2016 6:45:00 PM 370800.000 153.066 21.131 353.424
629.410 679.638 0.334 462.154 1588.790
0.998 14.725
1/22/2016 7:00:00 PM 371700.000 153.071 21.123 353.436
629.162 679.474 0.334 462.043 1589.416
0.998 14.726
1/22/2016 7:15:00 PM 372600.000 153.054 21.124 353.398
629.311 679.625 0.334 462.145 1589.038
0.998 14.731
1/22/2016 7:30:00 PM 373500.000 153.052 21.124 353.392
630.291 680.679 0.335 462.862 1586.568
0.998 14.733
1/22/2016 7:45:00 PM 374400.000 153.045 21.128 353.376
630.095 680.421 0.335 462.686 1587.061
0.998 14.733
1/22/2016 8:00:00 PM 375300.000 153.041 21.130 353.368
630.014 680.304 0.335 462.607 1587.266
0.998 14.741
1/22/2016 8:15:00 PM 376200.000 153.044 21.138 353.373
630.314 680.517 0.335 462.751 1586.512
0.998 14.734
1/22/2016 8:30:00 PM 377100.000 153.034 21.134 353.350
630.519 680.792 0.335 462.938 1585.994
0.998 14.736
1/22/2016 8:45:00 PM 378000.000 153.039 21.134 353.363
630.764 681.047 0.335 463.112 1585.380
0.998 14.739
1/22/2016 9:00:00 PM 378900.000 153.040 21.124 353.364
630.277 680.665 0.335 462.852 1586.604
0.998 14.736
1/22/2016 9:15:00 PM 379800.000 153.038 21.125 353.361
630.862 681.291 0.335 463.278 1585.132
0.998 14.737
1/22/2016 9:30:00 PM 380700.000 153.022 21.124 353.323
631.241 681.715 0.335 463.566 1584.181
0.998 14.744
1/22/2016 9:45:00 PM 381600.000 153.028 21.128 353.336
631.497 681.929 0.336 463.712 1583.540
0.998 14.737
1/22/2016 10:00:00 PM 382500.000 153.034 21.127 353.350
631.668 682.123 0.336 463.843 1583.111
0.998 14.737

1/22/2016 10:15:00 PM	383400.000	153.024	21.131	353.327	631.364	681.739	0.336
463.583	1583.873	0.998	14.744				
1/22/2016 10:30:00 PM	384300.000	153.025	21.133	353.329	631.646	682.019	0.336
463.773	1583.166	0.998	14.743				
1/22/2016 10:45:00 PM	385200.000	153.034	21.135	353.351	631.631	681.975	0.336
463.743	1583.203	0.998	14.740				
1/22/2016 11:00:00 PM	386100.000	153.026	21.129	353.332	631.490	681.905	0.336
463.695	1583.557	0.998	14.749				
1/22/2016 11:15:00 PM	387000.000	153.042	21.124	353.369	631.184	681.643	0.335
463.517	1584.324	0.998	14.738				
1/22/2016 11:30:00 PM	387900.000	153.039	21.118	353.362	631.217	681.773	0.336
463.606	1584.242	0.998	14.746				
1/22/2016 11:45:00 PM	388800.000	153.038	21.130	353.359	631.741	682.164	0.336
463.871	1582.927	0.998	14.742				
1/23/2016 12:00:00 AM	389700.000	153.045	21.116	353.377	631.410	682.011	0.336
463.767	1583.757	0.998	14.743				
1/23/2016 12:15:00 AM	390600.000	153.046	21.121	353.378	631.323	681.846	0.336
463.655	1583.975	0.998	14.742				
1/23/2016 12:30:00 AM	391500.000	153.051	21.128	353.391	631.587	682.034	0.336
463.783	1583.312	0.998	14.738				
1/23/2016 12:45:00 AM	392400.000	153.047	21.115	353.380	631.285	681.887	0.336
463.683	1584.070	0.998	14.739				
1/23/2016 1:00:00 AM	393300.000	153.059	21.126	353.409	633.071	683.653	0.336
464.884	1579.602	0.998	14.743				
1/23/2016 1:15:00 AM	394200.000	153.055	21.114	353.399	633.125	683.890	0.337
465.045	1579.468	0.998	14.745				
1/23/2016 1:30:00 AM	395100.000	153.055	21.125	353.400	632.927	683.520	0.336
464.793	1579.961	0.998	14.747				
1/23/2016 1:45:00 AM	396000.000	153.055	21.128	353.399	632.663	683.185	0.336
464.566	1580.620	0.998	14.747				
1/23/2016 2:00:00 AM	396900.000	153.049	21.132	353.385	632.343	682.787	0.336
464.295	1581.419	0.998	14.747				
1/23/2016 2:15:00 AM	397800.000	153.061	21.134	353.412	632.234	682.644	0.336
464.198	1581.693	0.998	14.751				
1/23/2016 2:30:00 AM	398700.000	153.048	21.119	353.383	631.479	682.033	0.336
463.782	1583.583	0.998	14.752				

1/23/2016 2:45:00 AM 399600.000 153.058 21.126 353.407
631.699 682.175 0.336 463.879 1583.033
0.998 14.757
1/23/2016 3:00:00 AM 400500.000 153.070 21.121 353.433
631.881 682.440 0.336 464.059 1582.575
0.998 14.754
1/23/2016 3:15:00 AM 401400.000 153.067 21.130 353.426
632.129 682.578 0.336 464.153 1581.955
0.998 14.750
1/23/2016 3:30:00 AM 402300.000 153.075 21.130 353.446
632.358 682.825 0.336 464.321 1581.384
0.998 14.749
1/23/2016 3:45:00 AM 403200.000 153.065 21.128 353.422
632.746 683.278 0.336 464.629 1580.413
0.998 14.752
1/23/2016 4:00:00 AM 404100.000 153.059 21.133 353.409
632.595 683.049 0.336 464.473 1580.790
0.998 14.753
1/23/2016 4:15:00 AM 405000.000 153.059 21.121 353.409
632.521 683.130 0.336 464.528 1580.976
0.998 14.753
1/23/2016 4:30:00 AM 405900.000 153.075 21.131 353.446
632.641 683.121 0.336 464.522 1580.675
0.998 14.751
1/23/2016 4:45:00 AM 406800.000 153.068 21.132 353.430
632.918 683.406 0.336 464.716 1579.983
0.998 14.747
1/23/2016 5:00:00 AM 407700.000 153.068 21.132 353.430
633.142 683.646 0.336 464.879 1579.424
0.998 14.753
1/23/2016 5:15:00 AM 408600.000 153.059 21.141 353.409
632.695 683.038 0.336 464.466 1580.540
0.998 14.752
1/23/2016 5:30:00 AM 409500.000 153.075 21.132 353.445
631.760 682.153 0.336 463.864 1582.880
0.998 14.755
1/23/2016 5:45:00 AM 410400.000 153.067 21.125 353.428
631.398 681.860 0.336 463.665 1583.787
0.998 14.756
1/23/2016 6:00:00 AM 411300.000 153.068 21.133 353.429
631.459 681.812 0.336 463.632 1583.635
0.998 14.766
1/23/2016 6:15:00 AM 412200.000 153.069 21.129 353.431
630.732 681.092 0.335 463.142 1585.459
0.998 14.764
1/23/2016 6:30:00 AM 413100.000 153.062 21.138 353.416
630.697 680.919 0.335 463.025 1585.547
0.998 14.767
1/23/2016 6:45:00 AM 414000.000 153.070 21.138 353.433
629.970 680.146 0.335 462.500 1587.376
0.998 14.768
1/23/2016 7:00:00 AM 414900.000 153.076 21.138 353.448
629.663 679.808 0.335 462.270 1588.151
0.998 14.774

1/23/2016 7:15:00 AM 415800.000 153.090 21.136 353.481
629.277 679.414 0.334 462.002 1589.124
0.998 14.770
1/23/2016 7:30:00 AM 416700.000 153.078 21.128 353.453
628.997 679.233 0.334 461.879 1589.833
0.998 14.777
1/23/2016 7:45:00 AM 417600.000 153.081 21.134 353.459
628.980 679.122 0.334 461.803 1589.876
0.998 14.781
1/23/2016 8:00:00 AM 418500.000 153.081 21.124 353.459
627.847 678.043 0.334 461.069 1592.746
0.998 14.784
1/23/2016 8:15:00 AM 419400.000 153.085 21.138 353.469
628.491 678.545 0.334 461.411 1591.114
0.998 14.777
1/23/2016 8:30:00 AM 420300.000 153.094 21.124 353.488
628.102 678.320 0.334 461.258 1592.098
0.998 14.789
1/23/2016 8:45:00 AM 421200.000 153.090 21.131 353.480
627.993 678.100 0.334 461.108 1592.374
0.998 14.785
1/23/2016 9:00:00 AM 422100.000 153.088 21.127 353.477
627.792 677.944 0.334 461.002 1592.885
0.998 14.794
1/23/2016 9:15:00 AM 423000.000 153.103 21.139 353.511
627.795 677.780 0.333 460.890 1592.876
0.998 14.781
1/23/2016 9:30:00 AM 423900.000 153.106 21.130 353.518
627.561 677.656 0.333 460.806 1593.470
0.998 14.786
1/23/2016 9:45:00 AM 424800.000 153.102 21.127 353.508
627.183 677.279 0.333 460.550 1594.430
0.998 14.790
1/23/2016 10:00:00 AM 425700.000 153.101 21.142 353.506
626.845 676.714 0.333 460.165 1595.290
0.998 14.795
1/23/2016 10:15:00 AM 426600.000 153.106 21.133 353.517
626.442 676.404 0.333 459.955 1596.317
0.998 14.797
1/23/2016 10:30:00 AM 427500.000 153.105 21.128 353.514
625.627 675.594 0.332 459.404 1598.397
0.998 14.800
1/23/2016 10:45:00 AM 428400.000 153.108 21.141 353.523
625.388 675.148 0.332 459.101 1599.007
0.998 14.798
1/23/2016 11:00:00 AM 429300.000 153.120 21.136 353.548
625.478 675.319 0.332 459.217 1598.778
0.998 14.798
1/23/2016 11:15:00 AM 430200.000 153.108 21.128 353.521
625.599 675.557 0.332 459.379 1598.467
0.998 14.798
1/23/2016 11:30:00 AM 431100.000 153.118 21.127 353.545
625.711 675.692 0.332 459.471 1598.181
0.998 14.793

1/23/2016 11:45:00 AM	432000.000	153.128	21.126	353.567	625.620	675.616	0.332
459.419	1598.414	0.998	14.790				
1/23/2016 12:00:00 PM	432900.000	153.123	21.138	353.556	625.687	675.522	0.332
459.355	1598.243	0.998	14.787				
1/23/2016 12:15:00 PM	433800.000	153.133	21.125	353.580	625.725	675.734	0.332
459.499	1598.145	0.998	14.784				
1/23/2016 12:30:00 PM	434700.000	153.128	21.128	353.567	625.374	675.316	0.332
459.215	1599.042	0.998	14.782				
1/23/2016 12:45:00 PM	435600.000	153.129	21.132	353.571	625.530	675.428	0.332
459.291	1598.643	0.998	14.780				
1/23/2016 1:00:00 PM	436500.000	153.131	21.135	353.575	625.624	675.489	0.332
459.332	1598.405	0.998	14.778				
1/23/2016 1:15:00 PM	437400.000	153.135	21.125	353.583	625.766	675.779	0.332
459.530	1598.042	0.998	14.775				
1/23/2016 1:30:00 PM	438300.000	153.136	21.130	353.586	625.421	675.343	0.332
459.233	1598.923	0.998	14.774				
1/23/2016 1:45:00 PM	439200.000	153.131	21.127	353.575	624.681	674.587	0.332
458.719	1600.816	0.998	14.779				
1/23/2016 2:00:00 PM	440100.000	153.137	21.121	353.589	625.257	675.287	0.332
459.196	1599.343	0.998	14.777				
1/23/2016 2:15:00 PM	441000.000	153.134	21.118	353.583	626.521	676.692	0.333
460.151	1596.115	0.998	14.775				
1/23/2016 2:30:00 PM	441900.000	153.123	21.125	353.556	628.506	678.744	0.334
461.546	1591.073	0.998	14.782				
1/23/2016 2:45:00 PM	442800.000	153.120	21.119	353.550	627.858	678.120	0.334
461.122	1592.716	0.998	14.782				
1/23/2016 3:00:00 PM	443700.000	153.118	21.126	353.545	627.698	677.861	0.334
460.945	1593.122	0.998	14.778				
1/23/2016 3:15:00 PM	444600.000	153.124	21.124	353.558	627.149	677.295	0.333
460.561	1594.516	0.998	14.786				
1/23/2016 3:30:00 PM	445500.000	153.080	21.123	353.458	627.163	677.319	0.333
460.577	1594.483	0.998	14.785				
1/23/2016 3:45:00 PM	446400.000	153.100	21.125	353.504	627.329	677.477	0.333
460.684	1594.059	0.998	14.789				
1/23/2016 4:00:00 PM	447300.000	153.108	21.125	353.522	627.073	677.194	0.333
460.492	1594.712	0.998	14.787				

1/23/2016 4:15:00 PM	448200.000	153.105	21.113	353.515	626.849	677.124	0.333	460.445	1595.280	0.998	14.786
1/23/2016 4:30:00 PM	449100.000	153.100	21.116	353.503	626.393	676.589	0.333	460.081	1596.442	0.998	14.790
1/23/2016 4:45:00 PM	450000.000	153.082	21.118	353.462	625.462	675.554	0.332	459.377	1598.817	0.998	14.797
1/23/2016 5:00:00 PM	450900.000	153.095	21.127	353.491	625.564	675.539	0.332	459.367	1598.557	0.998	14.784
1/23/2016 5:15:00 PM	451800.000	153.062	21.122	353.415	625.722	675.783	0.332	459.532	1598.154	0.998	14.790
1/23/2016 5:30:00 PM	452700.000	153.076	21.122	353.449	625.556	675.595	0.332	459.405	1598.577	0.998	14.792
1/23/2016 5:45:00 PM	453600.000	153.081	21.126	353.460	626.452	676.510	0.333	460.027	1596.291	0.998	14.794
1/23/2016 6:00:00 PM	454500.000	153.070	21.119	353.433	625.510	675.583	0.332	459.397	1598.694	0.998	14.800
1/23/2016 6:15:00 PM	455400.000	153.050	21.120	353.388	625.212	675.251	0.332	459.171	1599.457	0.998	14.807
1/23/2016 6:30:00 PM	456300.000	153.060	21.120	353.410	624.957	674.981	0.332	458.987	1600.110	0.998	14.800
1/23/2016 6:45:00 PM	457200.000	153.055	21.123	353.399	625.029	675.018	0.332	459.012	1599.925	0.998	14.802
1/23/2016 7:00:00 PM	458100.000	153.059	21.115	353.408	625.181	675.296	0.332	459.201	1599.536	0.998	14.802
1/23/2016 7:15:00 PM	459000.000	153.046	21.122	353.379	625.153	675.162	0.332	459.110	1599.607	0.998	14.804
1/23/2016 7:30:00 PM	459900.000	153.042	21.121	353.369	625.547	675.596	0.332	459.405	1598.602	0.998	14.805
1/23/2016 7:45:00 PM	460800.000	153.037	21.128	353.357	625.687	675.650	0.332	459.442	1598.244	0.998	14.799
1/23/2016 8:00:00 PM	461700.000	153.032	21.127	353.346	625.769	675.756	0.332	459.514	1598.034	0.998	14.808
1/23/2016 8:15:00 PM	462600.000	153.039	21.118	353.363	625.802	675.921	0.333	459.626	1597.950	0.998	14.806
1/23/2016 8:30:00 PM	463500.000	152.991	21.115	353.252	625.833	675.998	0.333	459.679	1597.869	0.998	14.806

1/23/2016 8:45:00 PM	464400.000	153.027	21.131	353.334	625.430	675.330	0.332
459.225	1598.901	0.998	14.808				
1/23/2016 9:00:00 PM	465300.000	153.029	21.135	353.340	625.870	675.756	0.332
459.514	1597.776	0.998	14.810				
1/23/2016 9:15:00 PM	466200.000	153.026	21.127	353.332	626.053	676.058	0.333
459.719	1597.310	0.998	14.812				
1/23/2016 9:30:00 PM	467100.000	153.027	21.125	353.334	626.077	676.113	0.333
459.757	1597.247	0.998	14.808				
1/23/2016 9:45:00 PM	468000.000	153.020	21.119	353.319	626.392	676.536	0.333
460.045	1596.445	0.998	14.816				
1/23/2016 10:00:00 PM	468900.000	153.020	21.123	353.318	626.352	676.439	0.333
459.979	1596.548	0.998	14.807				
1/23/2016 10:15:00 PM	469800.000	153.020	21.135	353.319	626.862	676.822	0.333
460.239	1595.247	0.998	14.815				
1/23/2016 10:30:00 PM	470700.000	153.018	21.125	353.314	626.517	676.588	0.333
460.080	1596.127	0.998	14.814				
1/23/2016 10:45:00 PM	471600.000	153.015	21.134	353.308	626.667	676.624	0.333
460.104	1595.744	0.998	14.814				
1/23/2016 11:00:00 PM	472500.000	153.023	21.133	353.324	626.789	676.776	0.333
460.208	1595.433	0.998	14.815				
1/23/2016 11:15:00 PM	473400.000	153.022	21.124	353.322	626.937	677.063	0.333
460.403	1595.058	0.998	14.811				
1/23/2016 11:30:00 PM	474300.000	153.023	21.126	353.326	626.823	676.905	0.333
460.296	1595.347	0.998	14.814				
1/23/2016 11:45:00 PM	475200.000	153.024	21.134	353.327	626.752	676.725	0.333
460.173	1595.528	0.998	14.811				
1/24/2016 12:00:00 AM	476100.000	153.018	21.131	353.314	627.083	677.123	0.333
460.443	1594.686	0.998	14.816				
1/24/2016 12:15:00 AM	477000.000	153.022	21.127	353.322	626.951	677.036	0.333
460.385	1595.021	0.998	14.816				
1/24/2016 12:30:00 AM	477900.000	153.020	21.133	353.318	626.620	676.599	0.333
460.087	1595.864	0.998	14.814				
1/24/2016 12:45:00 AM	478800.000	153.032	21.130	353.347	626.743	676.762	0.333
460.198	1595.549	0.998	14.808				
1/24/2016 1:00:00 AM	479700.000	153.023	21.134	353.326	626.699	676.670	0.333
460.136	1595.663	0.998	14.816				

1/24/2016 1:15:00 AM	480600.000	153.028	21.131	353.338	626.324	676.304	0.333
459.887	1596.618	0.998	14.817				
1/24/2016 1:30:00 AM	481500.000	153.037	21.133	353.358	626.323	676.267	0.333
459.862	1596.620	0.998	14.811				
1/24/2016 1:45:00 AM	482400.000	153.032	21.127	353.345	626.517	676.568	0.333
460.066	1596.125	0.998	14.818				
1/24/2016 2:00:00 AM	483300.000	153.042	21.130	353.369	626.584	676.599	0.333
460.087	1595.955	0.998	14.815				
1/24/2016 2:15:00 AM	484200.000	153.031	21.134	353.343	626.614	676.570	0.333
460.068	1595.880	0.998	14.821				
1/24/2016 2:30:00 AM	485100.000	153.041	21.131	353.367	626.162	676.122	0.333
459.763	1597.030	0.998	14.813				
1/24/2016 2:45:00 AM	486000.000	153.041	21.124	353.368	625.960	676.007	0.333
459.684	1597.547	0.998	14.818				
1/24/2016 3:00:00 AM	486900.000	153.049	21.117	353.386	626.085	676.239	0.333
459.843	1597.228	0.998	14.821				
1/24/2016 3:15:00 AM	487800.000	153.051	21.121	353.390	626.453	676.576	0.333
460.072	1596.288	0.998	14.816				
1/24/2016 3:30:00 AM	488700.000	153.056	21.126	353.402	626.411	676.461	0.333
459.993	1596.396	0.998	14.812				
1/24/2016 3:45:00 AM	489600.000	153.049	21.133	353.386	626.596	676.573	0.333
460.070	1595.924	0.998	14.821				
1/24/2016 4:00:00 AM	490500.000	153.011	21.119	353.299	626.474	676.628	0.333
460.107	1596.236	0.998	14.819				
1/24/2016 4:15:00 AM	491400.000	153.049	21.119	353.386	626.346	676.488	0.333
460.012	1596.562	0.998	14.824				
1/24/2016 4:30:00 AM	492300.000	153.047	21.131	353.381	626.650	676.659	0.333
460.128	1595.787	0.998	14.820				
1/24/2016 4:45:00 AM	493200.000	153.045	21.132	353.377	627.469	677.523	0.333
460.715	1593.704	0.998	14.828				
1/24/2016 5:00:00 AM	494100.000	153.045	21.133	353.377	627.542	677.593	0.333
460.763	1593.519	0.998	14.830				
1/24/2016 5:15:00 AM	495000.000	153.045	21.128	353.377	627.022	677.094	0.333
460.424	1594.840	0.998	14.826				
1/24/2016 5:30:00 AM	495900.000	153.051	21.136	353.390	627.300	677.288	0.333
460.556	1594.134	0.998	14.832				

1/24/2016 5:45:00 AM	496800.000	153.042	21.136	353.369	627.076	677.043	0.333	460.390
1594.703	0.998	14.826						
1/24/2016 6:00:00 AM	497700.000	153.042	21.142	353.370	625.832	675.611	0.332	459.415
1597.874	0.998	14.832						
1/24/2016 6:15:00 AM	498600.000	153.049	21.141	353.385	625.494	675.264	0.332	459.180
1598.737	0.998	14.833						
1/24/2016 6:30:00 AM	499500.000	153.009	21.122	353.292	624.888	674.877	0.332	458.916
1600.286	0.998	14.838						
1/24/2016 6:45:00 AM	500400.000	153.059	21.126	353.408	624.545	674.455	0.332	458.629
1601.164	0.998	14.841						
1/24/2016 7:00:00 AM	501300.000	153.053	21.135	353.394	624.752	674.541	0.332	458.688
1600.635	0.998	14.842						
1/24/2016 7:15:00 AM	502200.000	153.068	21.133	353.429	624.828	674.654	0.332	458.765
1600.440	0.998	14.843						
1/24/2016 7:30:00 AM	503100.000	153.051	21.127	353.390	624.952	674.878	0.332	458.917
1600.122	0.998	14.848						
1/24/2016 7:45:00 AM	504000.000	153.057	21.127	353.404	625.421	675.380	0.332	459.258
1598.922	0.998	14.854						
1/24/2016 8:00:00 AM	504900.000	153.055	21.121	353.400	625.432	675.484	0.332	459.329
1598.895	0.998	14.854						
1/24/2016 8:15:00 AM	505800.000	153.066	21.129	353.424	627.561	677.664	0.333	460.812
1593.470	0.998	14.844						
1/24/2016 8:30:00 AM	506700.000	153.038	21.135	353.359	628.869	678.993	0.334	461.715
1590.156	0.998	14.867						
1/24/2016 8:45:00 AM	507600.000	153.063	21.135	353.417	628.081	678.135	0.334	461.132
1592.152	0.998	14.855						
1/24/2016 9:00:00 AM	508500.000	153.061	21.133	353.414	628.154	678.243	0.334	461.205
1591.965	0.998	14.856						
1/24/2016 9:15:00 AM	509400.000	153.051	21.120	353.389	626.198	676.315	0.333	459.894
1596.940	0.998	14.855						
1/24/2016 9:30:00 AM	510300.000	153.076	21.132	353.448	626.372	676.345	0.333	459.915
1596.496	0.998	14.853						
1/24/2016 9:45:00 AM	511200.000	153.073	21.124	353.440	626.379	676.458	0.333	459.991
1596.478	0.998	14.858						
1/24/2016 10:00:00 AM	512100.000	153.061	21.120	353.414	626.411	676.548	0.333	460.053
1596.395	0.998	14.857						

1/24/2016 10:15:00 AM 513000.000 153.070 21.135 353.434
626.649 676.603 0.333 460.090 1595.789
0.998 14.857
1/24/2016 10:30:00 AM 513900.000 153.077 21.136 353.450
626.482 676.397 0.333 459.950 1596.215
0.998 14.859
1/24/2016 10:45:00 AM 514800.000 153.068 21.132 353.430
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0.998 14.864
1/24/2016 11:00:00 AM 515700.000 153.083 21.128 353.464
625.998 675.992 0.333 459.675 1597.450
0.998 14.849
1/24/2016 11:15:00 AM 516600.000 153.086 21.120 353.471
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0.998 14.850
1/24/2016 11:30:00 AM 517500.000 153.092 21.124 353.486
625.818 675.856 0.333 459.582 1597.909
0.998 14.848
1/24/2016 11:45:00 AM 518400.000 153.085 21.130 353.469
626.722 676.752 0.333 460.191 1595.603
0.998 14.840
1/24/2016 12:00:00 PM 519300.000 153.050 21.130 353.389
626.591 676.608 0.333 460.093 1595.937
0.998 14.841
1/24/2016 12:15:00 PM 520200.000 153.105 21.132 353.515
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0.998 14.831
1/24/2016 12:30:00 PM 521100.000 153.085 21.138 353.469
626.213 676.089 0.333 459.740 1596.900
0.998 14.838
1/24/2016 12:45:00 PM 522000.000 153.102 21.128 353.507
625.848 675.833 0.332 459.567 1597.833
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1/24/2016 1:00:00 PM 522900.000 153.113 21.135 353.533
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0.998 14.820
1/24/2016 1:15:00 PM 523800.000 153.095 21.134 353.492
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0.998 14.820
1/24/2016 2:00:00 PM 526500.000 153.100 21.134 353.504
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0.998 14.821
1/24/2016 2:15:00 PM 527400.000 153.099 21.132 353.502
625.799 675.716 0.332 459.487 1597.958
0.998 14.820
1/24/2016 2:30:00 PM 528300.000 153.104 21.137 353.513
625.418 675.237 0.332 459.161 1598.931
0.998 14.815

1/24/2016 2:45:00 PM	529200.000	153.104	21.136	353.511	625.485	675.329	0.332
459.224	1598.760	0.998	14.814				
1/24/2016 3:00:00 PM	530100.000	153.101	21.131	353.506	625.320	675.215	0.332
459.146	1599.181	0.998	14.822				
1/24/2016 3:15:00 PM	531000.000	153.109	21.126	353.525	625.100	675.043	0.332
459.029	1599.745	0.998	14.823				
1/24/2016 3:30:00 PM	531900.000	153.101	21.125	353.506	625.154	675.126	0.332
459.085	1599.605	0.998	14.824				
1/24/2016 3:45:00 PM	532800.000	153.099	21.128	353.502	625.337	675.284	0.332
459.193	1599.138	0.998	14.826				
1/24/2016 4:00:00 PM	533700.000	153.096	21.122	353.494	625.315	675.333	0.332
459.226	1599.195	0.998	14.827				
1/24/2016 4:15:00 PM	534600.000	153.092	21.123	353.485	625.768	675.813	0.332
459.553	1598.036	0.998	14.826				
1/24/2016 4:30:00 PM	535500.000	153.090	21.131	353.480	625.799	675.732	0.332
459.498	1597.956	0.998	14.828				
1/24/2016 4:45:00 PM	536400.000	153.071	21.137	353.436	625.853	675.704	0.332
459.479	1597.820	0.998	14.835				
1/24/2016 5:00:00 PM	537300.000	153.089	21.131	353.478	625.831	675.773	0.332
459.526	1597.874	0.998	14.829				
1/24/2016 5:15:00 PM	538200.000	153.079	21.129	353.456	625.594	675.547	0.332
459.372	1598.482	0.998	14.823				
1/24/2016 5:30:00 PM	539100.000	153.070	21.136	353.435	625.988	675.868	0.333
459.590	1597.475	0.998	14.821				
1/24/2016 5:45:00 PM	540000.000	153.058	21.135	353.405	625.669	675.545	0.332
459.371	1598.289	0.998	14.832				
1/24/2016 6:00:00 PM	540900.000	153.045	21.135	353.377	625.978	675.875	0.333
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1/24/2016 6:15:00 PM	541800.000	153.054	21.136	353.396	625.427	675.257	0.332
459.175	1598.908	0.998	14.843				
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459.211	1598.954	0.998	14.840				
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459.596	1597.733	0.998	14.835				
1/24/2016 7:00:00 PM	544500.000	153.043	21.136	353.372	626.273	676.170	0.333
459.796	1596.749	0.998	14.837				

1/24/2016 7:15:00 PM 545400.000 153.034 21.131 353.351
626.355 676.335 0.333 459.908 1596.539
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0.998 14.838
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1/24/2016 9:00:00 PM 551700.000 153.008 21.122 353.292
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0.998 14.853
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0.998 14.854
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0.998 14.850

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0.998 14.849
1/25/2016 12:00:00 AM 562500.000 153.016 21.126 353.310
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0.998 14.851
1/25/2016 12:15:00 AM 563400.000 153.004 21.142 353.280
627.811 677.750 0.333 460.870 1592.836
0.998 14.849
1/25/2016 12:30:00 AM 564300.000 153.010 21.139 353.295
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0.998 14.850
1/25/2016 12:45:00 AM 565200.000 152.999 21.128 353.270
626.603 676.642 0.333 460.116 1595.906
0.998 14.853
1/25/2016 1:00:00 AM 566100.000 152.999 21.137 353.271
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626.325 676.527 0.333 460.038 1596.615
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626.052 676.268 0.333 459.862 1597.312
0.998 14.846
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627.078 677.214 0.333 460.506 1594.698
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1/25/2016 2:15:00 AM 570600.000 153.033 21.115 353.349
627.251 677.522 0.333 460.715 1594.259
0.998 14.844
1/25/2016 2:30:00 AM 571500.000 153.026 21.122 353.333
627.473 677.668 0.333 460.814 1593.693
0.998 14.848
1/25/2016 2:45:00 AM 572400.000 153.030 21.132 353.341
627.491 677.551 0.333 460.735 1593.649
0.998 14.845
1/25/2016 3:00:00 AM 573300.000 153.029 21.131 353.340
627.548 677.624 0.333 460.784 1593.503
0.998 14.840
1/25/2016 3:15:00 AM 574200.000 153.023 21.131 353.324
627.900 678.009 0.334 461.046 1592.610
0.998 14.842
1/25/2016 3:30:00 AM 575100.000 153.041 21.136 353.367
627.504 677.506 0.333 460.704 1593.615
0.998 14.832
1/25/2016 3:45:00 AM 576000.000 153.026 21.125 353.333
627.483 677.635 0.333 460.792 1593.670
0.998 14.841
1/25/2016 4:00:00 AM 576900.000 153.033 21.121 353.349
627.516 677.735 0.333 460.860 1593.584
0.998 14.842

1/25/2016 4:15:00 AM	577800.000	153.040	21.118	353.365	627.953	678.248	0.334	461.209	1592.476	0.998	14.842
1/25/2016 4:30:00 AM	578700.000	153.035	21.118	353.353	627.806	678.088	0.334	461.100	1592.850	0.998	14.844
1/25/2016 4:45:00 AM	579600.000	153.029	21.126	353.339	628.058	678.240	0.334	461.203	1592.209	0.998	14.841
1/25/2016 5:00:00 AM	580500.000	153.026	21.135	353.333	628.888	679.013	0.334	461.729	1590.107	0.998	14.842
1/25/2016 5:15:00 AM	581400.000	153.031	21.135	353.344	629.066	679.199	0.334	461.856	1589.658	0.998	14.833
1/25/2016 5:30:00 AM	582300.000	153.034	21.135	353.350	629.110	679.260	0.334	461.897	1589.547	0.998	14.841
1/25/2016 5:45:00 AM	583200.000	153.026	21.129	353.331	628.925	679.133	0.334	461.811	1590.014	0.998	14.847
1/25/2016 6:00:00 AM	584100.000	153.039	21.123	353.362	627.506	677.696	0.333	460.834	1593.609	0.998	14.840
1/25/2016 6:15:00 AM	585000.000	153.037	21.126	353.358	627.770	677.940	0.334	460.999	1592.939	0.998	14.840
1/25/2016 6:30:00 AM	585900.000	153.036	21.141	353.355	628.271	678.261	0.334	461.218	1591.670	0.998	14.839
1/25/2016 6:45:00 AM	586800.000	153.047	21.132	353.380	628.542	678.679	0.334	461.502	1590.983	0.998	14.842
1/25/2016 7:00:00 AM	587700.000	153.043	21.132	353.372	628.402	678.538	0.334	461.406	1591.337	0.998	14.839
1/25/2016 7:15:00 AM	588600.000	153.042	21.132	353.368	628.499	678.631	0.334	461.469	1591.092	0.998	14.845
1/25/2016 7:30:00 AM	589500.000	153.053	21.124	353.395	628.014	678.220	0.334	461.189	1592.322	0.998	14.849
1/25/2016 7:45:00 AM	590400.000	153.040	21.125	353.364	627.926	678.122	0.334	461.123	1592.543	0.998	14.856
1/25/2016 8:00:00 AM	591300.000	153.039	21.135	353.363	628.234	678.301	0.334	461.245	1591.762	0.998	14.856
1/25/2016 8:15:00 AM	592200.000	153.040	21.141	353.364	628.669	678.700	0.334	461.516	1590.661	0.998	14.857
1/25/2016 8:30:00 AM	593100.000	153.023	21.137	353.326	628.254	678.305	0.334	461.247	1591.712	0.998	14.869

1/25/2016 8:45:00 AM 594000.000 153.053 21.135 353.394
627.953 677.997 0.334 461.038 1592.477
0.998 14.858
1/25/2016 9:00:00 AM 594900.000 153.046 21.141 353.379
627.490 677.420 0.333 460.645 1593.651
0.998 14.860
1/25/2016 9:15:00 AM 595800.000 153.040 21.125 353.364
627.035 677.157 0.333 460.467 1594.807
0.998 14.866
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626.954 677.150 0.333 460.462 1595.013
0.998 14.864
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628.072 678.181 0.334 461.163 1592.174
0.998 14.865
1/25/2016 10:00:00 AM 598500.000 153.053 21.132 353.394
628.055 678.163 0.334 461.151 1592.217
0.998 14.853
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627.829 677.906 0.334 460.976 1592.790
0.998 14.854
1/25/2016 10:30:00 AM 600300.000 153.060 21.143 353.412
629.493 679.550 0.334 462.094 1588.579
0.998 14.858
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629.227 679.305 0.334 461.928 1589.252
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0.998 14.856
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0.998 14.857
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0.998 14.851
1/25/2016 12:30:00 PM 607500.000 153.070 21.122 353.433
627.279 677.455 0.333 460.669 1594.188
0.998 14.845
1/25/2016 12:45:00 PM 608400.000 153.087 21.129 353.474
629.138 679.366 0.334 461.969 1589.476
0.998 14.838
1/25/2016 1:00:00 PM 609300.000 153.071 21.127 353.435
628.993 679.241 0.334 461.884 1589.844
0.998 14.847

1/25/2016 1:15:00 PM	610200.000	153.085	21.138	353.468
629.254	679.369	0.334	461.971	1589.185
0.998	14.839			
1/25/2016 1:30:00 PM	611100.000	153.078	21.132	353.453
629.026	679.208	0.334	461.861	1589.758
0.998	14.839			
1/25/2016 1:45:00 PM	612000.000	153.094	21.128	353.489
628.688	678.889	0.334	461.644	1590.615
0.998	14.830			
1/25/2016 2:00:00 PM	612900.000	153.088	21.119	353.475
628.343	678.647	0.334	461.480	1591.488
0.998	14.830			
1/25/2016 2:15:00 PM	613800.000	153.085	21.129	353.468
628.422	678.590	0.334	461.441	1591.288
0.998	14.824			
1/25/2016 2:30:00 PM	614700.000	153.052	21.132	353.393
628.598	678.745	0.334	461.547	1590.842
0.998	14.825			
1/25/2016 2:45:00 PM	615600.000	153.084	21.126	353.467
629.408	679.705	0.334	462.199	1588.794
0.998	14.830			
1/25/2016 3:00:00 PM	616500.000	153.085	21.130	353.468
629.278	679.508	0.334	462.065	1589.122
0.998	14.824			
1/25/2016 3:15:00 PM	617400.000	153.087	21.121	353.472
628.884	679.200	0.334	461.856	1590.118
0.998	14.831			
1/25/2016 3:30:00 PM	618300.000	153.076	21.130	353.449
629.229	679.451	0.334	462.027	1589.247
0.998	14.833			
1/25/2016 3:45:00 PM	619200.000	153.082	21.126	353.462
630.003	680.342	0.335	462.633	1587.294
0.998	14.832			
1/25/2016 4:00:00 PM	620100.000	153.085	21.136	353.469
629.865	680.055	0.335	462.437	1587.642
0.998	14.832			
1/25/2016 4:15:00 PM	621000.000	153.077	21.137	353.450
629.928	680.112	0.335	462.477	1587.484
0.998	14.832			
1/25/2016 4:30:00 PM	621900.000	153.071	21.132	353.436
629.748	679.980	0.335	462.387	1587.936
0.998	14.839			
1/25/2016 4:45:00 PM	622800.000	153.073	21.134	353.442
629.547	679.743	0.334	462.225	1588.444
0.998	14.840			
1/25/2016 5:00:00 PM	623700.000	153.066	21.130	353.425
628.839	679.030	0.334	461.741	1590.232
0.998	14.840			
1/25/2016 5:15:00 PM	624600.000	153.064	21.134	353.420
628.602	678.713	0.334	461.525	1590.831
0.998	14.845			
1/25/2016 5:30:00 PM	625500.000	153.071	21.122	353.437
628.439	678.712	0.334	461.524	1591.245
0.998	14.843			

1/25/2016 5:45:00 PM	626400.000	153.056	21.121	353.401	628.364	678.645	0.334
461.479	1591.433	0.998	14.843				
1/25/2016 6:00:00 PM	627300.000	153.057	21.127	353.403	628.581	678.790	0.334
461.577	1590.886	0.998	14.839				
1/25/2016 6:15:00 PM	628200.000	153.048	21.120	353.383	628.662	678.976	0.334
461.704	1590.680	0.998	14.842				
1/25/2016 6:30:00 PM	629100.000	153.038	21.122	353.360	629.182	679.510	0.334
462.067	1589.366	0.998	14.849				
1/25/2016 6:45:00 PM	630000.000	153.032	21.132	353.347	630.619	680.923	0.335
463.028	1585.743	0.998	14.852				
1/25/2016 7:00:00 PM	630900.000	153.019	21.127	353.316	630.789	681.174	0.335
463.198	1585.315	0.998	14.863				
1/25/2016 7:15:00 PM	631800.000	153.031	21.118	353.343	630.130	680.591	0.335
462.802	1586.975	0.998	14.858				
1/25/2016 7:30:00 PM	632700.000	153.014	21.126	353.305	630.709	681.110	0.335
463.155	1585.516	0.998	14.858				
1/25/2016 7:45:00 PM	633600.000	153.008	21.136	353.290	630.759	681.023	0.335
463.096	1585.392	0.998	14.864				
1/25/2016 8:00:00 PM	634500.000	153.026	21.141	353.332	630.891	681.097	0.335
463.146	1585.060	0.998	14.851				
1/25/2016 8:15:00 PM	635400.000	153.001	21.138	353.274	630.559	680.772	0.335
462.925	1585.895	0.998	14.857				
1/25/2016 8:30:00 PM	636300.000	153.002	21.135	353.277	630.168	680.393	0.335
462.667	1586.879	0.998	14.858				
1/25/2016 8:45:00 PM	637200.000	152.990	21.127	353.249	629.801	680.115	0.335
462.478	1587.803	0.998	14.855				
1/25/2016 9:00:00 PM	638100.000	152.996	21.135	353.263	629.744	679.941	0.335
462.360	1587.948	0.998	14.859				
1/25/2016 9:15:00 PM	639000.000	152.999	21.132	353.269	629.239	679.434	0.334
462.015	1589.222	0.998	14.856				
1/25/2016 9:30:00 PM	639900.000	152.988	21.141	353.244	629.149	679.213	0.334
461.865	1589.448	0.998	14.864				
1/25/2016 9:45:00 PM	640800.000	152.983	21.136	353.232	628.706	678.806	0.334
461.588	1590.570	0.998	14.865				
1/25/2016 10:00:00 PM	641700.000	152.993	21.135	353.256	627.933	677.981	0.334
461.027	1592.527	0.998	14.864				

1/25/2016 10:15:00 PM 642600.000 152.975 21.132 353.214
628.478 678.612 0.334 461.456 1591.146
0.998 14.863
1/25/2016 10:30:00 PM 643500.000 152.984 21.132 353.234
628.574 678.712 0.334 461.524 1590.903
0.998 14.865
1/25/2016 10:45:00 PM 644400.000 152.980 21.134 353.227
629.264 679.433 0.334 462.015 1589.157
0.998 14.865
1/25/2016 11:00:00 PM 645300.000 152.985 21.130 353.237
629.278 679.508 0.334 462.065 1589.122
0.998 14.862
1/25/2016 11:15:00 PM 646200.000 152.972 21.124 353.209
629.345 679.665 0.334 462.172 1588.954
0.998 14.862
1/25/2016 11:30:00 PM 647100.000 152.975 21.129 353.214
629.727 680.006 0.335 462.404 1587.991
0.998 14.865
1/25/2016 11:45:00 PM 648000.000 152.973 21.121 353.210
629.639 680.018 0.335 462.412 1588.211
0.998 14.870
1/26/2016 12:00:00 AM 648900.000 152.966 21.123 353.193
629.821 680.183 0.335 462.525 1587.751
0.998 14.869
1/26/2016 12:15:00 AM 649800.000 152.985 21.129 353.238
630.483 680.822 0.335 462.959 1586.086
0.998 14.864
1/26/2016 12:30:00 AM 650700.000 152.973 21.127 353.211
630.936 681.337 0.335 463.310 1584.947
0.998 14.862
1/26/2016 12:45:00 AM 651600.000 152.982 21.126 353.230
630.644 681.034 0.335 463.103 1585.681
0.998 14.866
1/26/2016 1:00:00 AM 652500.000 152.985 21.125 353.238
630.478 680.866 0.335 462.989 1586.098
0.998 14.861
1/26/2016 1:15:00 AM 653400.000 152.976 21.131 353.217
630.473 680.775 0.335 462.927 1586.111
0.998 14.862
1/26/2016 1:30:00 AM 654300.000 152.980 21.132 353.226
630.504 680.795 0.335 462.941 1586.033
0.998 14.866
1/26/2016 1:45:00 AM 655200.000 152.978 21.132 353.221
630.418 680.713 0.335 462.885 1586.249
0.998 14.868
1/26/2016 2:00:00 AM 656100.000 152.977 21.127 353.219
630.393 680.751 0.335 462.911 1586.312
0.998 14.872
1/26/2016 2:15:00 AM 657000.000 152.969 21.137 353.200
630.290 680.495 0.335 462.737 1586.572
0.998 14.872
1/26/2016 2:30:00 AM 657900.000 152.978 21.132 353.221
629.963 680.221 0.335 462.550 1587.394
0.998 14.869

1/26/2016 2:45:00 AM 658800.000 152.989 21.119 353.247
629.354 679.746 0.334 462.228 1588.932
0.998 14.870
1/26/2016 3:00:00 AM 659700.000 152.987 21.133 353.243
630.056 680.307 0.335 462.608 1587.160
0.998 14.868
1/26/2016 3:15:00 AM 660600.000 152.988 21.130 353.244
629.909 680.193 0.335 462.531 1587.530
0.998 14.872
1/26/2016 3:30:00 AM 661500.000 152.977 21.133 353.218
629.972 680.206 0.335 462.540 1587.372
0.998 14.879
1/26/2016 3:45:00 AM 662400.000 152.996 21.133 353.263
629.942 680.174 0.335 462.519 1587.448
0.998 14.864
1/26/2016 4:00:00 AM 663300.000 152.995 21.133 353.261
629.786 680.014 0.335 462.410 1587.841
0.998 14.869
1/26/2016 4:15:00 AM 664200.000 152.989 21.134 353.248
629.297 679.470 0.334 462.039 1589.075
0.998 14.871
1/26/2016 4:30:00 AM 665100.000 152.998 21.134 353.267
629.154 679.310 0.334 461.931 1589.436
0.998 14.866
1/26/2016 4:45:00 AM 666000.000 152.956 21.129 353.171
629.031 679.248 0.334 461.889 1589.747
0.998 14.871
1/26/2016 5:00:00 AM 666900.000 152.987 21.131 353.241
629.162 679.371 0.334 461.972 1589.415
0.998 14.870
1/26/2016 5:15:00 AM 667800.000 152.995 21.130 353.260
628.809 678.996 0.334 461.717 1590.309
0.998 14.872
1/26/2016 5:30:00 AM 668700.000 152.997 21.131 353.266
628.906 679.095 0.334 461.785 1590.063
0.998 14.872
1/26/2016 5:45:00 AM 669600.000 152.984 21.137 353.236
629.452 679.595 0.334 462.125 1588.683
0.998 14.871
1/26/2016 6:00:00 AM 670500.000 152.988 21.136 353.245
629.295 679.443 0.334 462.021 1589.080
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1/26/2016 6:15:00 AM 671400.000 152.994 21.137 353.257
629.234 679.357 0.334 461.963 1589.233
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1/26/2016 6:30:00 AM 672300.000 152.999 21.130 353.270
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0.998 14.871
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629.158 679.302 0.334 461.925 1589.427
0.998 14.869

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0.998 14.875
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0.998 14.887
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628.795 678.909 0.334 461.658 1590.343
0.998 14.886
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0.998 14.890
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628.536 678.727 0.334 461.534 1590.998
0.998 14.891
1/26/2016 8:45:00 AM 680400.000 152.998 21.137 353.267
628.633 678.711 0.334 461.524 1590.752
0.998 14.885
1/26/2016 9:00:00 AM 681300.000 152.995 21.134 353.260
628.598 678.715 0.334 461.526 1590.841
0.998 14.887
1/26/2016 9:15:00 AM 682200.000 153.007 21.134 353.289
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0.998 14.884
1/26/2016 9:30:00 AM 683100.000 153.001 21.126 353.275
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0.998 14.894
1/26/2016 9:45:00 AM 684000.000 153.005 21.131 353.283
627.933 678.036 0.334 461.064 1592.528
0.998 14.895
1/26/2016 10:00:00 AM 684900.000 153.002 21.131 353.276
628.546 678.704 0.334 461.519 1590.973
0.998 14.895
1/26/2016 10:15:00 AM 685800.000 153.008 21.126 353.292
627.989 678.172 0.334 461.157 1592.385
0.998 14.891
1/26/2016 10:30:00 AM 686700.000 152.996 21.134 353.262
628.311 678.410 0.334 461.319 1591.568
0.998 14.899
1/26/2016 10:45:00 AM 687600.000 153.005 21.129 353.283
628.298 678.466 0.334 461.357 1591.601
0.998 14.894
1/26/2016 11:00:00 AM 688500.000 153.014 21.135 353.305
628.522 678.624 0.334 461.464 1591.033
0.998 14.891
1/26/2016 11:15:00 AM 689400.000 152.966 21.121 353.194
628.152 678.412 0.334 461.320 1591.971
0.998 14.902
1/26/2016 11:30:00 AM 690300.000 153.009 21.126 353.294
627.862 678.036 0.334 461.064 1592.708
0.998 14.890

1/26/2016 11:45:00 AM 691200.000 153.009 21.124 353.293
628.488 678.732 0.334 461.538 1591.119
0.998 14.886
1/26/2016 12:00:00 PM 692100.000 153.008 21.123 353.291
628.496 678.756 0.334 461.554 1591.100
0.998 14.888
1/26/2016 12:15:00 PM 693000.000 153.023 21.125 353.326
628.623 678.862 0.334 461.626 1590.779
0.998 14.876
1/26/2016 12:30:00 PM 693900.000 153.023 21.115 353.326
628.242 678.599 0.334 461.448 1591.744
0.998 14.873
1/26/2016 12:45:00 PM 694800.000 153.019 21.126 353.316
628.618 678.844 0.334 461.614 1590.791
0.998 14.871
1/26/2016 1:00:00 PM 695700.000 153.020 21.132 353.318
628.668 678.825 0.334 461.601 1590.664
0.998 14.869
1/26/2016 1:15:00 PM 696600.000 153.027 21.131 353.334
628.443 678.593 0.334 461.443 1591.234
0.998 14.866
1/26/2016 1:30:00 PM 697500.000 153.029 21.141 353.338
628.511 678.526 0.334 461.398 1591.063
0.998 14.861
1/26/2016 1:45:00 PM 698400.000 153.017 21.142 353.312
628.414 678.411 0.334 461.319 1591.308
0.998 14.865
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627.933 677.915 0.334 460.982 1592.526
0.998 14.859
1/26/2016 2:15:00 PM 700200.000 153.038 21.132 353.360
627.748 677.828 0.334 460.923 1592.997
0.998 14.858
1/26/2016 2:30:00 PM 701100.000 153.032 21.127 353.347
627.720 677.871 0.334 460.952 1593.066
0.998 14.859
1/26/2016 2:45:00 PM 702000.000 153.027 21.135 353.336
627.223 677.213 0.333 460.505 1594.329
0.998 14.863
1/26/2016 3:00:00 PM 702900.000 153.037 21.133 353.357
627.280 677.311 0.333 460.572 1594.185
0.998 14.858
1/26/2016 3:15:00 PM 703800.000 153.038 21.117 353.360
626.861 677.074 0.333 460.410 1595.250
0.998 14.851
1/26/2016 3:30:00 PM 704700.000 153.023 21.125 353.325
627.165 677.297 0.333 460.562 1594.476
0.998 14.854
1/26/2016 3:45:00 PM 705600.000 153.029 21.136 353.339
627.241 677.223 0.333 460.512 1594.283
0.998 14.853
1/26/2016 4:00:00 PM 706500.000 153.028 21.133 353.336
626.960 676.962 0.333 460.334 1594.998
0.998 14.856

1/26/2016 4:15:00 PM	707400.000	153.032	21.118	353.347	626.610	676.793	0.333	460.219
1595.890	0.998	14.852						
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1589.661	0.998	14.848						
1/26/2016 4:45:00 PM	709200.000	153.024	21.136	353.328	629.609	679.784	0.335	462.253
1588.288	0.998	14.851						
1/26/2016 5:00:00 PM	710100.000	153.019	21.125	353.316	629.334	679.631	0.334	462.149
1588.981	0.998	14.858						
1/26/2016 5:15:00 PM	711000.000	153.019	21.120	353.317	628.698	679.019	0.334	461.733
1590.589	0.998	14.856						
1/26/2016 5:30:00 PM	711900.000	153.005	21.126	353.284	629.638	679.954	0.335	462.369
1588.214	0.998	14.863						
1/26/2016 5:45:00 PM	712800.000	153.006	21.118	353.287	628.146	678.448	0.334	461.345
1591.986	0.998	14.856						
1/26/2016 6:00:00 PM	713700.000	153.004	21.134	353.282	628.394	678.493	0.334	461.375
1591.359	0.998	14.856						
1/26/2016 6:15:00 PM	714600.000	153.018	21.134	353.315	628.317	678.409	0.334	461.318
1591.554	0.998	14.857						
1/26/2016 6:30:00 PM	715500.000	153.009	21.135	353.294	627.778	677.817	0.334	460.915
1592.921	0.998	14.858						
1/26/2016 6:45:00 PM	716400.000	153.000	21.134	353.272	627.398	677.416	0.333	460.643
1593.883	0.998	14.860						
1/26/2016 7:00:00 PM	717300.000	153.000	21.124	353.273	626.948	677.069	0.333	460.407
1595.028	0.998	14.862						
1/26/2016 7:15:00 PM	718200.000	153.010	21.123	353.296	626.840	676.967	0.333	460.338
1595.303	0.998	14.861						
1/26/2016 7:30:00 PM	719100.000	152.989	21.125	353.246	626.987	677.097	0.333	460.426
1594.929	0.998	14.863						
1/26/2016 7:45:00 PM	720000.000	152.976	21.127	353.216	627.024	677.109	0.333	460.434
1594.834	0.998	14.871						
1/26/2016 8:00:00 PM	720900.000	152.995	21.136	353.260	626.992	676.955	0.333	460.329
1594.918	0.998	14.859						
1/26/2016 8:15:00 PM	721800.000	152.978	21.131	353.222	626.869	676.891	0.333	460.286
1595.230	0.998	14.869						
1/26/2016 8:30:00 PM	722700.000	152.980	21.126	353.225	626.687	676.756	0.333	460.194
1595.694	0.998	14.866						

1/26/2016 8:45:00 PM 723600.000 152.976 21.131 353.217
626.716 676.721 0.333 460.170 1595.619
0.998 14.870
1/26/2016 9:00:00 PM 724500.000 152.966 21.128 353.194
626.581 676.619 0.333 460.101 1595.964
0.998 14.872
1/26/2016 9:15:00 PM 725400.000 152.968 21.137 353.199
626.438 676.340 0.333 459.911 1596.327
0.998 14.878
1/26/2016 9:30:00 PM 726300.000 152.972 21.131 353.207
626.201 676.173 0.333 459.798 1596.931
0.998 14.874
1/26/2016 9:45:00 PM 727200.000 152.964 21.135 353.190
626.181 676.086 0.333 459.739 1596.984
0.998 14.873
1/26/2016 10:00:00 PM 728100.000 152.959 21.135 353.178
626.452 676.388 0.333 459.944 1596.292
0.998 14.880
1/26/2016 10:15:00 PM 729000.000 152.966 21.112 353.194
626.085 676.314 0.333 459.894 1597.228
0.998 14.880
1/26/2016 10:30:00 PM 729900.000 152.950 21.134 353.157
626.758 676.725 0.333 460.173 1595.511
0.998 14.877
1/26/2016 10:45:00 PM 730800.000 152.955 21.131 353.168
627.018 677.044 0.333 460.390 1594.851
0.998 14.883
1/26/2016 11:00:00 PM 731700.000 152.947 21.123 353.149
626.919 677.053 0.333 460.396 1595.103
0.998 14.879
1/26/2016 11:15:00 PM 732600.000 152.953 21.135 353.164
626.886 676.858 0.333 460.263 1595.186
0.998 14.880
1/26/2016 11:30:00 PM 733500.000 152.949 21.127 353.155
626.694 676.761 0.333 460.197 1595.674
0.998 14.883
1/26/2016 11:45:00 PM 734400.000 152.958 21.110 353.175
626.499 676.789 0.333 460.216 1596.172
0.998 14.882
1/27/2016 12:00:00 AM 735300.000 152.945 21.122 353.146
626.548 676.668 0.333 460.134 1596.046
0.998 14.887
1/27/2016 12:15:00 AM 736200.000 152.946 21.137 353.147
628.265 678.310 0.334 461.250 1591.686
0.998 14.879
1/27/2016 12:30:00 AM 737100.000 152.920 21.126 353.088
627.974 678.151 0.334 461.143 1592.423
0.998 14.880
1/27/2016 12:45:00 AM 738000.000 152.965 21.121 353.192
627.318 677.513 0.333 460.709 1594.088
0.998 14.880
1/27/2016 1:00:00 AM 738900.000 152.946 21.131 353.147
627.541 677.614 0.333 460.778 1593.521
0.998 14.881

1/27/2016 1:15:00 AM 739800.000 152.959 21.122 353.178
627.508 677.712 0.333 460.844 1593.604
0.998 14.879
1/27/2016 1:30:00 AM 740700.000 152.962 21.122 353.184
627.430 677.627 0.333 460.786 1593.804
0.998 14.878
1/27/2016 1:45:00 AM 741600.000 152.949 21.130 353.154
627.710 677.817 0.334 460.915 1593.093
0.998 14.877
1/27/2016 2:00:00 AM 742500.000 152.966 21.129 353.193
627.860 677.982 0.334 461.028 1592.713
0.998 14.872
1/27/2016 2:15:00 AM 743400.000 152.955 21.117 353.168
627.600 677.872 0.334 460.953 1593.372
0.998 14.879
1/27/2016 2:30:00 AM 744300.000 152.981 21.113 353.229
627.812 678.156 0.334 461.146 1592.833
0.998 14.871
1/27/2016 2:45:00 AM 745200.000 152.938 21.106 353.129
628.657 679.176 0.334 461.839 1590.692
0.998 14.870
1/27/2016 3:00:00 AM 746100.000 152.959 21.125 353.178
631.252 681.702 0.335 463.557 1584.153
0.998 14.875
1/27/2016 3:15:00 AM 747000.000 152.972 21.129 353.208
630.999 681.383 0.335 463.341 1584.789
0.998 14.873
1/27/2016 3:30:00 AM 747900.000 152.976 21.129 353.216
631.099 681.482 0.335 463.408 1584.538
0.998 14.876
1/27/2016 3:45:00 AM 748800.000 152.981 21.124 353.229
630.182 680.564 0.335 462.783 1586.843
0.998 14.871
1/27/2016 4:00:00 AM 749700.000 152.987 21.128 353.243
629.434 679.704 0.334 462.199 1588.730
0.998 14.865
1/27/2016 4:15:00 AM 750600.000 152.978 21.128 353.220
629.098 679.335 0.334 461.948 1589.578
0.998 14.865
1/27/2016 4:30:00 AM 751500.000 152.979 21.133 353.223
628.915 679.076 0.334 461.772 1590.041
0.998 14.868
1/27/2016 4:45:00 AM 752400.000 152.970 21.137 353.204
628.915 679.014 0.334 461.730 1590.040
0.998 14.866
1/27/2016 5:00:00 AM 753300.000 152.985 21.134 353.238
628.309 678.398 0.334 461.311 1591.573
0.998 14.860
1/27/2016 5:15:00 AM 754200.000 152.995 21.133 353.260
628.227 678.331 0.334 461.265 1591.782
0.998 14.860
1/27/2016 5:30:00 AM 755100.000 152.987 21.133 353.242
628.096 678.189 0.334 461.169 1592.114
0.998 14.859

1/27/2016 5:45:00 AM	756000.000	152.985	21.126	353.238	627.828	677.991	0.334	461.034
1592.792	0.998	14.858						
1/27/2016 6:00:00 AM	756900.000	152.974	21.134	353.211	627.576	677.614	0.333	460.777
1593.432	0.998	14.864						
1/27/2016 6:15:00 AM	757800.000	152.983	21.127	353.233	627.200	677.304	0.333	460.567
1594.388	0.998	14.862						
1/27/2016 6:30:00 AM	758700.000	152.988	21.138	353.245	627.157	677.099	0.333	460.427
1594.498	0.998	14.867						
1/27/2016 6:45:00 AM	759600.000	152.993	21.132	353.256	627.046	677.074	0.333	460.410
1594.778	0.998	14.862						
1/27/2016 7:00:00 AM	760500.000	152.992	21.132	353.253	626.884	676.889	0.333	460.284
1595.191	0.998	14.865						
1/27/2016 7:15:00 AM	761400.000	153.001	21.128	353.276	626.521	676.550	0.333	460.054
1596.116	0.998	14.861						
1/27/2016 7:30:00 AM	762300.000	152.993	21.133	353.257	626.407	676.366	0.333	459.929
1596.407	0.998	14.867						
1/27/2016 7:45:00 AM	763200.000	152.990	21.131	353.248	626.424	676.410	0.333	459.959
1596.362	0.998	14.871						
1/27/2016 8:00:00 AM	764100.000	152.980	21.123	353.227	625.976	676.031	0.333	459.701
1597.506	0.998	14.871						
1/27/2016 8:15:00 AM	765000.000	152.981	21.121	353.228	626.843	677.003	0.333	460.362
1595.296	0.998	14.869						
1/27/2016 8:30:00 AM	765900.000	152.989	21.133	353.247	627.142	677.158	0.333	460.468
1594.536	0.998	14.873						
1/27/2016 8:45:00 AM	766800.000	152.982	21.128	353.231	627.073	677.145	0.333	460.459
1594.711	0.998	14.877						
1/27/2016 9:00:00 AM	767700.000	152.992	21.121	353.254	626.939	677.102	0.333	460.429
1595.051	0.998	14.876						
1/27/2016 9:15:00 AM	768600.000	152.989	21.121	353.246	627.255	677.451	0.333	460.667
1594.249	0.998	14.873						
1/27/2016 9:30:00 AM	769500.000	152.995	21.129	353.260	627.697	677.818	0.334	460.916
1593.125	0.998	14.874						
1/27/2016 9:45:00 AM	770400.000	152.986	21.124	353.240	627.362	677.521	0.333	460.714
1593.976	0.998	14.882						
1/27/2016 10:00:00 AM	771300.000	152.984	21.126	353.235	627.562	677.711	0.333	460.843
1593.468	0.998	14.876						

1/27/2016 10:15:00 AM	772200.000	152.991	21.135	353.251	628.158	678.225	0.334	461.193	1591.956	0.998	14.877
1/27/2016 10:30:00 AM	773100.000	152.997	21.129	353.265	627.712	677.831	0.334	460.925	1593.088	0.998	14.878
1/27/2016 10:45:00 AM	774000.000	152.994	21.119	353.258	628.030	678.310	0.334	461.251	1592.280	0.998	14.874
1/27/2016 11:00:00 AM	774900.000	152.992	21.135	353.253	629.932	680.148	0.335	462.501	1587.473	0.998	14.878
1/27/2016 11:15:00 AM	775800.000	152.983	21.143	353.234	630.349	680.475	0.335	462.723	1586.422	0.998	14.877
1/27/2016 11:30:00 AM	776700.000	152.993	21.141	353.256	629.743	679.859	0.335	462.305	1587.948	0.998	14.871
1/27/2016 11:45:00 AM	777600.000	152.997	21.126	353.265	628.218	678.414	0.334	461.322	1591.805	0.998	14.871
1/27/2016 12:00:00 PM	778500.000	152.998	21.119	353.268	628.880	679.229	0.334	461.876	1590.128	0.998	14.871
1/27/2016 12:15:00 PM	779400.000	152.998	21.122	353.268	628.797	679.091	0.334	461.782	1590.339	0.998	14.862
1/27/2016 12:30:00 PM	780300.000	153.009	21.128	353.292	629.660	679.946	0.335	462.363	1588.159	0.998	14.854
1/27/2016 12:45:00 PM	781200.000	153.002	21.127	353.277	630.434	680.795	0.335	462.940	1586.208	0.998	14.858
1/27/2016 1:00:00 PM	782100.000	153.016	21.128	353.309	629.949	680.264	0.335	462.580	1587.430	0.998	14.856
1/27/2016 1:15:00 PM	783000.000	153.002	21.112	353.276	628.734	679.171	0.334	461.836	1590.499	0.998	14.854
1/27/2016 1:30:00 PM	783900.000	153.008	21.119	353.290	630.186	680.642	0.335	462.836	1586.833	0.998	14.855
1/27/2016 1:45:00 PM	784800.000	153.016	21.118	353.309	630.604	681.102	0.335	463.149	1585.782	0.998	14.857
1/27/2016 2:00:00 PM	785700.000	152.976	21.114	353.216	631.024	681.611	0.335	463.495	1584.725	0.998	14.855
1/27/2016 2:15:00 PM	786600.000	153.004	21.123	353.281	631.747	682.273	0.336	463.946	1582.913	0.998	14.859
1/27/2016 2:30:00 PM	787500.000	152.998	21.127	353.269	631.354	681.795	0.336	463.621	1583.897	0.998	14.863

1/27/2016 2:45:00 PM	788400.000	153.012	21.133	353.300	631.502	681.861	0.336	463.666	1583.526	0.998	14.853
1/27/2016 3:00:00 PM	789300.000	153.008	21.126	353.292	631.198	681.638	0.335	463.514	1584.290	0.998	14.853
1/27/2016 3:15:00 PM	790200.000	153.018	21.123	353.314	630.838	681.288	0.335	463.276	1585.194	0.998	14.852
1/27/2016 3:30:00 PM	791100.000	153.012	21.126	353.300	630.439	680.816	0.335	462.955	1586.198	0.998	14.849
1/27/2016 3:45:00 PM	792000.000	153.012	21.118	353.301	630.052	680.514	0.335	462.750	1587.170	0.998	14.845
1/27/2016 4:00:00 PM	792900.000	153.008	21.129	353.292	630.315	680.633	0.335	462.830	1586.507	0.998	14.846
1/27/2016 4:15:00 PM	793800.000	153.002	21.131	353.277	630.168	680.446	0.335	462.703	1586.878	0.998	14.855
1/27/2016 4:30:00 PM	794700.000	153.008	21.128	353.292	630.024	680.345	0.335	462.634	1587.240	0.998	14.846
1/27/2016 4:45:00 PM	795600.000	152.998	21.135	353.268	629.828	680.035	0.335	462.424	1587.735	0.998	14.857
1/27/2016 5:00:00 PM	796500.000	153.011	21.129	353.297	628.982	679.201	0.334	461.857	1589.872	0.998	14.853
1/27/2016 5:15:00 PM	797400.000	152.960	21.130	353.180	629.101	679.317	0.334	461.935	1589.570	0.998	14.862
1/27/2016 5:30:00 PM	798300.000	152.993	21.122	353.257	628.742	679.034	0.334	461.743	1590.478	0.998	14.859
1/27/2016 5:45:00 PM	799200.000	152.988	21.136	353.245	628.989	679.109	0.334	461.794	1589.852	0.998	14.858
1/27/2016 6:00:00 PM	800100.000	153.004	21.130	353.281	628.631	678.802	0.334	461.585	1590.759	0.998	14.850
1/27/2016 6:15:00 PM	801000.000	152.996	21.131	353.264	628.533	678.693	0.334	461.511	1591.005	0.998	14.859
1/27/2016 6:30:00 PM	801900.000	152.989	21.134	353.248	628.496	678.611	0.334	461.456	1591.099	0.998	14.860
1/27/2016 6:45:00 PM	802800.000	152.979	21.125	353.225	628.378	678.598	0.334	461.446	1591.398	0.998	14.867
1/27/2016 7:00:00 PM	803700.000	152.988	21.138	353.244	628.464	678.508	0.334	461.386	1591.180	0.998	14.861

1/27/2016 7:15:00 PM 804600.000 152.971 21.121 353.204
628.005 678.262 0.334 461.218 1592.344
0.998 14.869
1/27/2016 7:30:00 PM 805500.000 152.983 21.133 353.234
628.208 678.310 0.334 461.251 1591.828
0.998 14.862
1/27/2016 7:45:00 PM 806400.000 152.963 21.131 353.187
627.913 678.014 0.334 461.050 1592.577
0.998 14.869
1/27/2016 8:00:00 PM 807300.000 152.968 21.134 353.198
628.189 678.269 0.334 461.223 1591.878
0.998 14.866
1/27/2016 8:15:00 PM 808200.000 152.973 21.124 353.211
627.969 678.169 0.334 461.155 1592.434
0.998 14.867
1/27/2016 8:30:00 PM 809100.000 152.956 21.133 353.170
628.157 678.253 0.334 461.212 1591.959
0.998 14.872
1/27/2016 8:45:00 PM 810000.000 152.950 21.127 353.156
627.999 678.167 0.334 461.154 1592.359
0.998 14.876
1/27/2016 9:00:00 PM 810900.000 152.952 21.125 353.161
628.064 678.267 0.334 461.221 1592.194
0.998 14.872
1/27/2016 9:15:00 PM 811800.000 152.941 21.131 353.137
628.139 678.259 0.334 461.216 1592.004
0.998 14.870
1/27/2016 9:30:00 PM 812700.000 152.939 21.134 353.131
628.201 678.289 0.334 461.237 1591.846
0.998 14.873
1/27/2016 9:45:00 PM 813600.000 152.937 21.119 353.126
628.076 678.368 0.334 461.290 1592.164
0.998 14.869
1/27/2016 10:00:00 PM 814500.000 152.932 21.135 353.116
628.304 678.385 0.334 461.302 1591.586
0.998 14.875
1/27/2016 10:15:00 PM 815400.000 152.936 21.133 353.125
628.405 678.518 0.334 461.392 1591.330
0.998 14.876
1/27/2016 10:30:00 PM 816300.000 152.928 21.137 353.106
628.094 678.130 0.334 461.129 1592.118
0.998 14.871
1/27/2016 10:45:00 PM 817200.000 152.927 21.131 353.103
628.452 678.605 0.334 461.451 1591.212
0.998 14.875
1/27/2016 11:00:00 PM 818100.000 152.926 21.129 353.102
628.107 678.255 0.334 461.213 1592.087
0.998 14.877
1/27/2016 11:15:00 PM 819000.000 152.925 21.123 353.099
628.110 678.346 0.334 461.276 1592.079
0.998 14.875
1/27/2016 11:30:00 PM 819900.000 152.922 21.134 353.093
628.298 678.389 0.334 461.304 1591.601
0.998 14.879

1/27/2016 11:45:00 PM	820800.000	152.928	21.126	353.105	628.352	678.554	0.334	461.417	1591.464	0.998	14.872

Report Date: 2/1/2016 10:39:21 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_2016-01-28_08-58-43-258.wsl
Create Date: 1/28/2016 8:58:40 AM

Device Properties:
Device: Aqua TROLL 200
Site: MPWSP MW-9
Device Name:
Serial Number: 410760
Firmware Version: 2.00
Hardware Version: 3
Device Address: 1
Device Comm Cfg: 19200,8,Even,1,(Modbus-RTU)
Used Memory(%): 0
Used Battery(%): 1

Log Configuration
Log Name: MPWSP MW-9M
Created By: CShaw
Computer Name: PROBOOK3
Application: WinSitu.exe
Application Version: 5.6.25.0
Create Date: 7/17/2015 1:20:50 PM Pacific Daylight Time
Log Setup Time Zone: Pacific Daylight Time
Notes Size(bytes): 4096
Overwrite when full: Disabled
Scheduled Start Time: 7/17/2015 8:30:00 PM Pacific Daylight Time
Scheduled Stop Time: No Stop Time
Type: Linear
Interval: Days: 0 hrs: 00 mins: 15 secs: 00

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

Other Log Settings
Depth of Probe: -0.0320346 (ft)
Head Pressure: -0.0142212 (PSI)
Temperature: 25.1824 (C)

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

TDS Factor: 0.68

Log Notes:

Date and Time	Note
7/17/2015 1:21:04 PM	Used Battery: 1% Used Memory: 1% User Name: CShaw
7/17/2015 1:21:34 PM	Sensor SN: 410760 Cache Timeout: 1000 User Name: CShaw
7/17/2015 1:25:28 PM	Sensor SN: 410760 Cache Timeout: 1750 User Name: CShaw
7/17/2015 1:25:28 PM	Device Taken Offline
7/17/2015 1:25:35 PM	Sensor Disabled: 1
7/17/2015 1:26:04 PM	Sensor SN: 410760 Cache Timeout: 1000 User Name: CShaw
7/17/2015 1:26:38 PM	Device Put Online
7/17/2015 1:26:38 PM	Sensor SN: 410760 Cache Timeout: 1750 User Name: CShaw
7/17/2015 1:29:36 PM	Sensor SN: 410760 Cache Timeout: 1000 User Name: CShaw
7/17/2015 1:31:15 PM	Device Taken Offline
7/17/2015 1:32:19 PM	Device Put Online
7/17/2015 1:32:20 PM	Sensor SN: 410760 Cache Timeout: 1750 User Name: CShaw
7/17/2015 1:33:21 PM	Sensor SN: 410760 Cache Timeout: 1000 User Name: CShaw
7/17/2015 1:33:27 PM	Device Taken Offline
7/17/2015 1:34:34 PM	Device Put Online
7/17/2015 1:34:35 PM	Sensor SN: 410760 Cache Timeout: 1750 User Name: CShaw
7/17/2015 1:35:49 PM	Sensor SN: 410760 Cache Timeout: 1000 User Name: CShaw
7/17/2015 1:35:55 PM	Device Taken Offline
7/17/2015 1:37:59 PM	Sensor SN: 410760 Actual conductivity calibration. Cell Constant: 1.0333 Cell Offset: 0 Reference Temperature: 25 Temperature Coefficient: 0.0191 User Name: CShaw
7/17/2015 1:39:38 PM	Device Put Online
7/17/2015 1:39:39 PM	Sensor SN: 410760 Cache Timeout: 1750 User Name: CShaw
7/17/2015 1:39:41 PM	Sensor SN: 410760 Cache Timeout: 1000 User Name: CShaw
7/17/2015 1:39:46 PM	Device Taken Offline
7/17/2015 1:41:11 PM	Sensor SN: 410760 Actual conductivity calibration. Cell Constant: 1.03308 Cell Offset: 0 Reference Temperature: 25 Temperature Coefficient: 0.0191 User Name: CShaw
7/17/2015 1:41:19 PM	Device Put Online
7/17/2015 1:41:19 PM	Sensor SN: 410760 Cache Timeout: 1750 User Name: CShaw
7/17/2015 1:43:47 PM	Sensor SN: 410760 Cache Timeout: 1000 User Name: CShaw
7/17/2015 1:43:53 PM	Device Taken Offline
7/17/2015 1:45:06 PM	Sensor SN: 410760 Actual conductivity calibration. Cell Constant: 1.01925 Cell Offset: 0 Reference Temperature: 25 Temperature Coefficient: 0.0191 User Name: CShaw
7/17/2015 1:46:24 PM	Device Put Online
7/17/2015 1:46:25 PM	Sensor SN: 410760 Cache Timeout: 1750 User Name: CShaw
7/23/2015 3:03:12 PM	Log Download - Used Battery: 2% Used Memory: 1% User Name: KMakar
7/30/2015 3:14:57 PM	Log Download - Used Battery: 2% Used Memory: 3% User Name: BDuarte
8/6/2015 4:56:22 PM	Log Download - Used Battery: 3% Used Memory: 3% User Name: CShaw
8/13/2015 10:19:14 AM	Log Download - Used Battery: 3% Used Memory: 4% User Name: KMakar
8/20/2015 4:11:23 PM	Log Download - Used Battery: 3% Used Memory: 4% User Name: BDuarte Interval - Start Time: 7/30/2015 3:15:00 PM
8/27/2015 8:32:48 AM	Log Download - Used Battery: 4% Used Memory: 6% User Name: KMakar
9/3/2015 12:34:39 PM	Log Download - Used Battery: 4% Used Memory: 6% User Name: CShaw Interval - Start Time: 8/1/2015 5:30:00 PM Stop Time: 9/3/2015 12:45:00 PM
9/10/2015 8:48:06 AM	Log Download - Used Battery: 4% Used Memory: 7% User Name: KMakar Interval - Start

Time: 8/10/2015 8:30:00 AM Stop Time: 9/10/2015 8:45:00 AM
9/17/2015 8:52:29 AM Log Download - Used Battery: 5% Used Memory: 7% User Name: KMakar Interval - Start Time: 9/1/2015 5:30:00 AM Stop Time: 9/17/2015 8:52:00 AM
9/24/2015 5:20:50 PM Log Download - Used Battery: 5% Used Memory: 9% User Name: CShaw Interval - Start Time: 9/1/2015 5:30:00 PM Stop Time: 9/24/2015 9:00:00 AM
9/24/2015 7:51:21 PM Log Download - Used Battery: 5% Used Memory: 9% User Name: CShaw Interval - Start Time: 9/1/2015 5:30:00 PM Stop Time: 9/24/2015 8:45:00 PM
10/1/2015 9:09:29 AM Log Download - Used Battery: 5% Used Memory: 9% User Name: KMakar Interval - Start Time: 9/15/2015 7:30:00 AM Stop Time: 10/1/2015 9:00:00 AM
10/8/2015 10:56:12 AM Log Download - Used Battery: 6% Used Memory: 10% User Name: CShaw Interval - Start Time: 9/14/2015 5:30:00 PM Stop Time: 10/8/2015 11:45:00 PM
10/15/2015 10:36:31 AM Log Download - Used Battery: 6% Used Memory: 10% User Name: KMakar Interval - Start Time: 9/30/2015 7:30:00 AM Stop Time: 10/15/2015 10:45:00 AM
10/22/2015 9:59:02 AM Log Download - Used Battery: 7% Used Memory: 12% User Name: CShaw Interval - Start Time: 10/1/2015 3:05:00 AM Stop Time: 10/22/2015 5:30:00 PM
10/29/2015 1:02:30 PM Log Download - Used Battery: 7% Used Memory: 12% User Name: KMakar Interval - Start Time: 10/13/2015 6:15:00 AM Stop Time: 10/29/2015 1:00:00 PM
11/5/2015 9:23:03 AM Log Download - Used Battery: 7% Used Memory: 14% User Name: KMakar Interval - Start Time: 10/20/2015 6:15:00 AM Stop Time: 11/5/2015 9:30:00 AM
11/12/2015 1:20:28 PM Log Download - Used Battery: 8% Used Memory: 14% User Name: CShaw Interval - Start Time: 10/27/2015 11:00:00 AM Stop Time: 11/12/2015 2:00:00 PM
11/19/2015 10:18:41 AM Log Download - Used Battery: 8% Used Memory: 15% User Name: KMakar Interval - Start Time: 11/1/2015 7:00:00 AM Stop Time: 11/19/2015 10:30:00 AM
11/29/2015 10:53:05 AM Log Download - Used Battery: 9% Used Memory: 17% User Name: CShaw Interval - Start Time: 11/13/2015 1:00:00 AM Stop Time: 11/29/2015 11:00:00 AM
12/3/2015 7:43:20 AM Log Download - Used Battery: 9% Used Memory: 17% User Name: KMakar Interval - Start Time: 11/18/2015 7:00:00 AM Stop Time: 12/3/2015 7:45:00 AM
12/10/2015 9:56:12 AM Log Download - Used Battery: 9% Used Memory: 18% User Name: CShaw Interval - Start Time: 10/13/2015 1:00:00 AM Stop Time: 12/10/2015 10:45:00 AM
12/17/2015 9:17:42 AM Log Download - Used Battery: 9% Used Memory: 18% User Name: KMakar Interval - Start Time: 12/1/2015 12:00:00 PM Stop Time: 12/17/2015 9:15:00 AM
1/3/2016 11:29:31 AM Log Download - Used Battery: 10% Used Memory: 20% User Name: CShaw Interval - Start Time: 11/30/2015 1:00:00 AM Stop Time: 1/3/2016 12:00:00 PM
1/7/2016 8:42:47 AM Log Download - Used Battery: 11% Used Memory: 21% User Name: KMakar Interval - Start Time: 12/31/2015 10:00:00 AM Stop Time: 1/7/2016 8:45:00 AM
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

Log Data:
Record Count: 948
Sensors: 1
1 - 410760: PCTD 100 PSIG (70m/231ft)
Time Zone: Pacific Standard Time

Sensor: PCTD(G) 231ft Sensor: PCTD(G) 231ft Sensor: PCTD(G) 231ft
Sensor: PCTD(G) 231ft Sensor: PCTD(G) 231ft Sensor: PCTD(G) 231ft Sensor: PCTD(G) 231ft
Sensor: PCTD(G) 231ft Sensor: PCTD(G) 231ft

Elapsed Time SN#: 410760 SN#: 410760 SN#: 410760
SN#: 410760 SN#: 410760 SN#: 410760 SN#: 410760 SN#:
410760 SN#: 410760
Date and Time Seconds Pressure (PSI) Temperature (C) Depth (ft)
Actual Conductivity (µS) Specific Conductivity (µS) Total Dissolved Solids (ppm) Salinity (PSU)
Resistivity (ohm-cm) Water Density (g/cm3)
--- --- --- --- ---
--- --- --- --- ---
--- --- ---
1/21/2016 12:00:00 AM 216900.000 71.093 16.819 160.144
38068.617 45118.676 30680.701 29.342 26.268
1.021
1/21/2016 12:15:00 AM 217800.000 71.097 16.829 160.154
38090.672 45134.949 30691.768 29.354 26.253
1.021
1/21/2016 12:30:00 AM 218700.000 71.112 16.828 160.186
38100.277 45146.707 30699.762 29.362 26.247
1.021
1/21/2016 12:45:00 AM 219600.000 71.100 16.832 160.160
38121.484 45167.793 30714.102 29.378 26.232
1.021
1/21/2016 1:00:00 AM 220500.000 71.100 16.831 160.160
38082.637 45123.105 30683.715 29.345 26.259
1.021
1/21/2016 1:15:00 AM 221400.000 71.099 16.833 160.157
38088.023 45127.617 30686.781 29.349 26.255
1.021
1/21/2016 1:30:00 AM 222300.000 71.120 16.823 160.204
38079.082 45127.316 30686.576 29.348 26.261
1.021
1/21/2016 1:45:00 AM 223200.000 71.112 16.826 160.186
38084.000 45129.387 30687.984 29.350 26.258
1.021
1/21/2016 2:00:00 AM 224100.000 71.116 16.827 160.197
38094.086 45140.531 30695.564 29.358 26.251
1.021
1/21/2016 2:15:00 AM 225000.000 71.114 16.834 160.191
38101.926 45142.555 30696.939 29.360 26.245
1.021
1/21/2016 2:30:00 AM 225900.000 71.097 16.819 160.153
38090.902 45145.633 30699.031 29.361 26.253
1.021
1/21/2016 2:45:00 AM 226800.000 71.097 16.826 160.154
38080.492 45125.863 30685.588 29.347 26.260
1.021
1/21/2016 3:00:00 AM 227700.000 71.112 16.833 160.186
38113.207 45157.535 30707.127 29.370 26.238
1.021
1/21/2016 3:15:00 AM 228600.000 71.116 16.830 160.196
38090.426 45133.770 30690.963 29.353 26.253
1.021
1/21/2016 3:30:00 AM 229500.000 71.100 16.823 160.161
38085.703 45134.539 30691.488 29.353 26.257
1.021
1/21/2016 3:45:00 AM 230400.000 71.119 16.826 160.201

38087.395 45134.043 30691.152 29.353 26.255
1.021
1/21/2016 4:00:00 AM 231300.000 71.101 16.827 160.163
38095.762 45143.234 30697.400 29.360 26.250
1.021
1/21/2016 4:15:00 AM 232200.000 71.106 16.828 160.173
38092.297 45137.684 30693.627 29.356 26.252
1.021
1/21/2016 4:30:00 AM 233100.000 71.124 16.827 160.213
38077.527 45120.992 30682.277 29.344 26.262
1.021
1/21/2016 4:45:00 AM 234000.000 71.110 16.821 160.182
38090.934 45143.332 30697.469 29.359 26.253
1.021
1/21/2016 5:00:00 AM 234900.000 71.110 16.835 160.183
38098.215 45137.715 30693.646 29.356 26.248
1.021
1/21/2016 5:15:00 AM 235800.000 71.115 16.827 160.193
38104.570 45152.680 30703.822 29.367 26.244
1.021
1/21/2016 5:30:00 AM 236700.000 71.130 16.831 160.227
38109.879 45155.383 30705.662 29.369 26.240
1.021
1/21/2016 5:45:00 AM 237600.000 71.120 16.828 160.204
38105.664 45153.617 30704.463 29.367 26.243
1.021
1/21/2016 6:00:00 AM 238500.000 71.138 16.832 160.246
38059.902 45095.008 30664.605 29.325 26.274
1.021
1/21/2016 6:15:00 AM 239400.000 71.129 16.830 160.224
38107.816 45154.023 30704.738 29.368 26.241
1.021
1/21/2016 6:30:00 AM 240300.000 71.134 16.832 160.236
38098.551 45140.707 30695.682 29.358 26.248
1.021
1/21/2016 6:45:00 AM 241200.000 71.139 16.825 160.248
38086.984 45134.086 30691.182 29.353 26.256
1.021
1/21/2016 7:00:00 AM 242100.000 71.159 16.828 160.294
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1.021
1/21/2016 7:15:00 AM 243000.000 71.162 16.835 160.300
38086.098 45122.910 30683.582 29.346 26.256
1.021
1/21/2016 7:30:00 AM 243900.000 71.170 16.823 160.318
38088.219 45138.141 30693.938 29.356 26.255
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1/21/2016 7:45:00 AM 244800.000 71.155 16.828 160.284
38088.195 45133.098 30690.508 29.352 26.255
1.021
1/21/2016 8:00:00 AM 245700.000 71.177 16.819 160.333
38099.770 45155.246 30705.570 29.368 26.247
1.021
1/21/2016 8:15:00 AM 246600.000 71.164 16.819 160.303

38079.313 45131.176 30689.201 29.351 26.261
1.021
1/21/2016 8:30:00 AM 247500.000 71.188 16.827 160.358
38084.137 45128.465 30687.357 29.349 26.258
1.021
1/21/2016 8:45:00 AM 248400.000 71.176 16.818 160.330
38080.402 45133.457 30690.754 29.352 26.260
1.021
1/21/2016 9:00:00 AM 249300.000 71.181 16.820 160.342
38080.422 45131.859 30689.664 29.351 26.260
1.021
1/21/2016 9:15:00 AM 250200.000 71.185 16.822 160.350
38106.340 45159.891 30708.729 29.372 26.242
1.021
1/21/2016 9:30:00 AM 251100.000 71.199 16.829 160.383
38117.379 45166.340 30713.111 29.377 26.235
1.021
1/21/2016 9:45:00 AM 252000.000 71.185 16.819 160.350
38083.492 45136.305 30692.689 29.354 26.258
1.021
1/21/2016 10:00:00 AM 252900.000 71.196 16.812 160.376
38073.672 45132.020 30689.775 29.351 26.265
1.021
1/21/2016 10:15:00 AM 253800.000 71.199 16.830 160.382
38084.879 45127.195 30686.492 29.348 26.257
1.021
1/21/2016 10:30:00 AM 254700.000 71.201 16.816 160.386
38104.023 45163.418 30711.127 29.374 26.244
1.021
1/21/2016 10:45:00 AM 255600.000 71.201 16.813 160.388
38092.313 45152.961 30704.016 29.366 26.252
1.021
1/21/2016 11:00:00 AM 256500.000 71.200 16.826 160.386
38105.938 45156.016 30706.094 29.369 26.243
1.021
1/21/2016 11:15:00 AM 257400.000 71.198 16.834 160.381
38111.566 45154.430 30705.014 29.368 26.239
1.021
1/21/2016 11:30:00 AM 258300.000 71.216 16.828 160.422
38078.492 45121.324 30682.500 29.344 26.262
1.021
1/21/2016 11:45:00 AM 259200.000 71.211 16.831 160.410
38106.578 45151.113 30702.758 29.366 26.242
1.021
1/21/2016 12:00:00 PM 260100.000 71.199 16.821 160.383
38081.996 45132.297 30689.965 29.352 26.259
1.021
1/21/2016 12:15:00 PM 261000.000 71.207 16.820 160.400
38085.969 45138.434 30694.135 29.356 26.256
1.021
1/21/2016 12:30:00 PM 261900.000 71.212 16.825 160.412
38071.504 45116.008 30678.887 29.340 26.266
1.021
1/21/2016 12:45:00 PM 262800.000 71.207 16.829 160.400
38132.469 45184.574 30725.514 29.390 26.224

1.021
1/21/2016 1:00:00 PM 263700.000 71.199 16.826 160.382
38070.105 45113.816 30677.396 29.338 26.267
1.021
1/21/2016 1:15:00 PM 264600.000 71.196 16.826 160.376
38085.188 45130.969 30689.061 29.351 26.257
1.021
1/21/2016 1:30:00 PM 265500.000 71.176 16.827 160.331
38124.078 45176.789 30720.219 29.384 26.230
1.021
1/21/2016 1:45:00 PM 266400.000 71.170 16.820 160.317
38091.266 45144.273 30698.107 29.360 26.253
1.021
1/21/2016 2:00:00 PM 267300.000 71.163 16.823 160.302
38070.598 45117.441 30679.863 29.341 26.267
1.021
1/21/2016 2:15:00 PM 268200.000 71.180 16.827 160.340
38075.508 45118.418 30680.527 29.342 26.264
1.021
1/21/2016 2:30:00 PM 269100.000 71.169 16.820 160.314
38097.320 45151.977 30703.344 29.366 26.249
1.021
1/21/2016 2:45:00 PM 270000.000 71.166 16.828 160.308
38109.969 45158.273 30707.629 29.371 26.240
1.021
1/21/2016 3:00:00 PM 270900.000 71.143 16.820 160.257
38090.289 45142.930 30697.195 29.359 26.253
1.021
1/21/2016 3:15:00 PM 271800.000 71.136 16.826 160.241
38083.281 45128.613 30687.459 29.349 26.258
1.021
1/21/2016 3:30:00 PM 272700.000 71.149 16.821 160.270
38071.875 45120.117 30681.682 29.343 26.266
1.021
1/21/2016 3:45:00 PM 273600.000 71.140 16.825 160.250
38063.496 45106.156 30672.189 29.333 26.272
1.021
1/21/2016 4:00:00 PM 274500.000 71.121 16.819 160.208
38074.730 45126.281 30685.873 29.347 26.264
1.021
1/21/2016 4:15:00 PM 275400.000 71.109 16.833 160.181
38115.668 45160.000 30708.803 29.372 26.236
1.021
1/21/2016 4:30:00 PM 276300.000 71.122 16.838 160.210
38100.383 45137.141 30693.256 29.356 26.246
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1/21/2016 4:45:00 PM 277200.000 71.115 16.837 160.194
38097.348 45134.168 30691.236 29.354 26.249
1.021
1/21/2016 5:00:00 PM 278100.000 71.114 16.825 160.191
38083.047 45129.688 30688.189 29.350 26.258
1.021
1/21/2016 5:15:00 PM 279000.000 71.092 16.832 160.142
38099.328 45141.543 30696.250 29.359 26.247

1.021
1/21/2016 5:30:00 PM 279900.000 71.092 16.828 160.141
38106.719 45154.516 30705.072 29.368 26.242
1.021
1/21/2016 5:45:00 PM 280800.000 71.104 16.827 160.168
38093.676 45139.863 30695.109 29.357 26.251
1.021
1/21/2016 6:00:00 PM 281700.000 71.083 16.824 160.122
38080.766 45127.793 30686.900 29.348 26.260
1.021
1/21/2016 6:15:00 PM 282600.000 71.096 16.830 160.152
38100.988 45145.934 30699.236 29.362 26.246
1.021
1/21/2016 6:30:00 PM 283500.000 71.079 16.829 160.113
38073.797 45115.055 30678.240 29.339 26.265
1.021
1/21/2016 6:45:00 PM 284400.000 71.079 16.828 160.112
38073.895 45115.801 30678.746 29.340 26.265
1.021
1/21/2016 7:00:00 PM 285300.000 71.092 16.826 160.141
38121.133 45174.285 30718.516 29.382 26.232
1.021
1/21/2016 7:15:00 PM 286200.000 71.094 16.831 160.146
38109.313 45154.535 30705.086 29.368 26.240
1.021
1/21/2016 7:30:00 PM 287100.000 71.074 16.828 160.102
38106.594 45154.898 30705.334 29.368 26.242
1.021
1/21/2016 7:45:00 PM 288000.000 71.093 16.828 160.144
38081.859 45125.238 30685.164 29.347 26.259
1.021
1/21/2016 8:00:00 PM 288900.000 71.095 16.819 160.149
38082.172 45134.742 30691.625 29.353 26.259
1.021
1/21/2016 8:15:00 PM 289800.000 71.096 16.828 160.152
38096.195 45141.953 30696.531 29.359 26.249
1.021
1/21/2016 8:30:00 PM 290700.000 71.094 16.831 160.146
38095.602 45138.559 30694.221 29.357 26.250
1.021
1/21/2016 8:45:00 PM 291600.000 71.082 16.832 160.119
38081.043 45120.227 30681.756 29.343 26.260
1.021
1/21/2016 9:00:00 PM 292500.000 71.097 16.824 160.153
38090.809 45139.781 30695.053 29.357 26.253
1.021
1/21/2016 9:15:00 PM 293400.000 71.085 16.826 160.125
38086.090 45132.309 30689.973 29.352 26.256
1.021
1/21/2016 9:30:00 PM 294300.000 71.090 16.823 160.137
38091.953 45142.566 30696.947 29.359 26.252
1.021
1/21/2016 9:45:00 PM 295200.000 71.090 16.826 160.137
38072.703 45116.352 30679.121 29.340 26.266
1.021

1/21/2016 10:00:00 PM	296100.000	71.107	16.830	160.176
38104.652	45149.824	30701.881	29.365	26.244
1.021				
1/21/2016 10:15:00 PM	297000.000	71.095	16.829	160.149
38085.898	45128.582	30687.438	29.349	26.256
1.021				
1/21/2016 10:30:00 PM	297900.000	71.118	16.830	160.200
38083.246	45124.910	30684.939	29.347	26.258
1.021				
1/21/2016 10:45:00 PM	298800.000	71.119	16.826	160.203
38096.273	45144.734	30698.422	29.361	26.249
1.021				
1/21/2016 11:00:00 PM	299700.000	71.124	16.823	160.213
38112.043	45165.652	30712.646	29.376	26.238
1.021				
1/21/2016 11:15:00 PM	300600.000	71.111	16.826	160.185
38103.305	45152.340	30703.594	29.366	26.244
1.021				
1/21/2016 11:30:00 PM	301500.000	71.124	16.827	160.213
38105.414	45154.207	30704.863	29.368	26.243
1.021				
1/21/2016 11:45:00 PM	302400.000	71.130	16.827	160.228
38098.316	45146.070	30699.330	29.362	26.248
1.021				
1/22/2016 12:00:00 AM	303300.000	71.129	16.820	160.226
38087.262	45139.879	30695.117	29.357	26.255
1.021				
1/22/2016 12:15:00 AM	304200.000	71.119	16.826	160.202
38115.816	45167.090	30713.623	29.377	26.236
1.021				
1/22/2016 12:30:00 AM	305100.000	71.136	16.820	160.242
38101.535	45156.879	30706.678	29.369	26.246
1.021				
1/22/2016 12:45:00 AM	306000.000	71.121	16.826	160.208
38093.266	45140.367	30695.449	29.358	26.251
1.021				
1/22/2016 1:00:00 AM	306900.000	71.135	16.818	160.238
38090.215	45145.625	30699.025	29.361	26.253
1.021				
1/22/2016 1:15:00 AM	307800.000	71.142	16.819	160.255
38094.227	45148.773	30701.168	29.363	26.251
1.021				
1/22/2016 1:30:00 AM	308700.000	71.126	16.825	160.218
38082.777	45129.098	30687.787	29.349	26.259
1.021				
1/22/2016 1:45:00 AM	309600.000	71.141	16.831	160.252
38070.879	45109.445	30674.426	29.336	26.267
1.021				
1/22/2016 2:00:00 AM	310500.000	71.125	16.829	160.215
38095.250	45140.117	30695.279	29.358	26.250
1.021				
1/22/2016 2:15:00 AM	311400.000	71.132	16.821	160.232
38095.410	45148.555	30701.020	29.363	26.250
1.021				

1/22/2016 2:30:00 AM	312300.000	71.143	16.825	160.256
38097.301	45146.660	30699.730	29.362	26.249
1.021				
1/22/2016 2:45:00 AM	313200.000	71.131	16.822	160.229
38131.328	45189.957	30729.174	29.393	26.225
1.021				
1/22/2016 3:00:00 AM	314100.000	71.132	16.826	160.231
38112.090	45163.477	30711.166	29.374	26.238
1.021				
1/22/2016 3:15:00 AM	315000.000	71.136	16.822	160.240
38091.656	45142.668	30697.016	29.359	26.252
1.021				
1/22/2016 3:30:00 AM	315900.000	71.136	16.823	160.240
38082.680	45130.957	30689.053	29.351	26.259
1.021				
1/22/2016 3:45:00 AM	316800.000	71.149	16.826	160.271
38081.453	45126.371	30685.936	29.348	26.260
1.021				
1/22/2016 4:00:00 AM	317700.000	71.156	16.823	160.287
38107.496	45160.453	30709.109	29.372	26.242
1.021				
1/22/2016 4:15:00 AM	318600.000	71.153	16.826	160.280
38079.668	45124.332	30684.547	29.346	26.261
1.021				
1/22/2016 4:30:00 AM	319500.000	71.137	16.828	160.243
38099.223	45145.711	30699.086	29.362	26.247
1.021				
1/22/2016 4:45:00 AM	320400.000	71.155	16.824	160.285
38101.500	45152.547	30703.734	29.366	26.246
1.021				
1/22/2016 5:00:00 AM	321300.000	71.141	16.826	160.252
38077.734	45121.961	30682.936	29.344	26.262
1.021				
1/22/2016 5:15:00 AM	322200.000	71.159	16.828	160.293
38094.988	45140.336	30695.432	29.358	26.250
1.021				
1/22/2016 5:30:00 AM	323100.000	71.145	16.825	160.261
38086.516	45133.527	30690.799	29.353	26.256
1.021				
1/22/2016 5:45:00 AM	324000.000	71.146	16.828	160.263
38089.945	45134.719	30691.609	29.354	26.254
1.021				
1/22/2016 6:00:00 AM	324900.000	71.172	16.833	160.322
38113.605	45158.102	30707.512	29.371	26.237
1.021				
1/22/2016 6:15:00 AM	325800.000	71.175	16.829	160.328
38128.570	45179.676	30722.182	29.386	26.227
1.021				
1/22/2016 6:30:00 AM	326700.000	71.176	16.829	160.332
38100.816	45146.789	30699.818	29.362	26.246
1.021				
1/22/2016 6:45:00 AM	327600.000	71.163	16.827	160.302
38104.109	45152.664	30703.814	29.367	26.244
1.021				
1/22/2016 7:00:00 AM	328500.000	71.184	16.824	160.348

38101.047 45151.637 30703.115 29.366 26.246
1.021
1/22/2016 7:15:00 AM 329400.000 71.190 16.827 160.363
38087.230 45132.934 30690.395 29.352 26.256
1.021
1/22/2016 7:30:00 AM 330300.000 71.199 16.825 160.384
38089.875 45138.047 30693.875 29.356 26.254
1.021
1/22/2016 7:45:00 AM 331200.000 71.201 16.823 160.387
38101.098 45152.871 30703.955 29.367 26.246
1.021
1/22/2016 8:00:00 AM 332100.000 71.200 16.832 160.384
38086.047 45125.891 30685.605 29.348 26.256
1.021
1/22/2016 8:15:00 AM 333000.000 71.210 16.827 160.408
38099.516 45147.141 30700.059 29.363 26.247
1.021
1/22/2016 8:30:00 AM 333900.000 71.202 16.825 160.390
38108.406 45159.922 30708.750 29.372 26.241
1.021
1/22/2016 8:45:00 AM 334800.000 71.224 16.825 160.438
38111.242 45163.461 30711.154 29.374 26.239
1.021
1/22/2016 9:00:00 AM 335700.000 71.213 16.819 160.415
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1/22/2016 9:15:00 AM 336600.000 71.233 16.814 160.460
38069.324 45124.891 30684.928 29.346 26.268
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1/22/2016 9:30:00 AM 337500.000 71.222 16.825 160.435
38097.727 45147.617 30700.383 29.363 26.248
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38088.754 45138.609 30694.256 29.356 26.254
1.021
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1.021
1/22/2016 10:15:00 AM 340200.000 71.252 16.827 160.503
38083.875 45128.336 30687.271 29.349 26.258
1.021
1/22/2016 10:30:00 AM 341100.000 71.256 16.828 160.512
38094.129 45139.949 30695.168 29.357 26.251
1.021
1/22/2016 10:45:00 AM 342000.000 71.247 16.828 160.490
38093.563 45139.277 30694.709 29.357 26.251
1.021
1/22/2016 11:00:00 AM 342900.000 71.266 16.828 160.533
38080.891 45124.262 30684.500 29.346 26.260
1.021
1/22/2016 11:15:00 AM 343800.000 71.250 16.830 160.497
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38105.207 45140.527 30695.561 29.359 26.243
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1/22/2016 11:45:00 AM 345600.000 71.256 16.828 160.511
38105.453 45153.016 30704.053 29.367 26.243
1.021
1/22/2016 12:00:00 PM 346500.000 71.258 16.824 160.516
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1.021
1/22/2016 12:15:00 PM 347400.000 71.272 16.828 160.547
38086.629 45130.430 30688.693 29.351 26.256
1.021
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38109.918 45155.781 30705.934 29.369 26.240
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38103.035 45158.035 30707.467 29.370 26.245
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1/22/2016 1:15:00 PM 351000.000 71.269 16.823 160.540
38085.602 45134.949 30691.768 29.354 26.257
1.021
1/22/2016 1:30:00 PM 351900.000 71.246 16.831 160.488
38094.211 45137.090 30693.223 29.356 26.251
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1/22/2016 1:45:00 PM 352800.000 71.247 16.826 160.491
38096.023 45144.344 30698.156 29.360 26.249
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38087.410 45132.168 30689.877 29.352 26.255
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38094.172 45152.465 30703.678 29.366 26.251
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1.021
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38098.973 45147.129 30700.051 29.363 26.247

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1/22/2016 4:15:00 PM 361800.000 71.196 16.835 160.376
38087.164 45124.887 30684.926 29.347 26.256
1.021
1/22/2016 4:30:00 PM 362700.000 71.208 16.823 160.402
38073.996 45121.195 30682.414 29.344 26.265
1.021
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38097.520 45140.742 30695.707 29.358 26.248
1.021
1/22/2016 5:00:00 PM 364500.000 71.207 16.828 160.400
38115.605 45165.492 30712.535 29.376 26.236
1.021
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38100.906 45160.887 30709.404 29.372 26.246
1.021
1/22/2016 5:30:00 PM 366300.000 71.184 16.827 160.348
38107.496 45156.508 30706.426 29.369 26.242
1.021
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38095.582 45143.559 30697.623 29.360 26.250
1.021
1/22/2016 6:00:00 PM 368100.000 71.195 16.824 160.375
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1/22/2016 6:15:00 PM 369000.000 71.175 16.830 160.328
38084.305 45126.242 30685.846 29.348 26.258
1.021
1/22/2016 6:30:00 PM 369900.000 71.173 16.827 160.324
38091.289 45137.746 30693.670 29.356 26.253
1.021
1/22/2016 6:45:00 PM 370800.000 71.172 16.825 160.322
38057.195 45099.133 30667.412 29.328 26.276
1.021
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38090.605 45132.641 30690.197 29.352 26.253
1.021
1/22/2016 7:15:00 PM 372600.000 71.181 16.832 160.342
38111.184 45155.938 30706.039 29.369 26.239
1.021
1/22/2016 7:30:00 PM 373500.000 71.179 16.832 160.338
38086.910 45127.008 30686.367 29.348 26.256
1.021
1/22/2016 7:45:00 PM 374400.000 71.179 16.831 160.339
38075.301 45114.336 30677.750 29.339 26.264
1.021
1/22/2016 8:00:00 PM 375300.000 71.166 16.829 160.307
38087.430 45130.926 30689.031 29.351 26.255
1.021
1/22/2016 8:15:00 PM 376200.000 71.163 16.830 160.302
38091.555 45134.660 30691.570 29.354 26.253
1.021
1/22/2016 8:30:00 PM 377100.000 71.165 16.829 160.306
38099.496 45145.402 30698.875 29.361 26.247

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38110.508 45162.500 30710.500 29.374 26.239
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38085.121 45125.418 30685.287 29.347 26.257
1.021
1/22/2016 9:15:00 PM 379800.000 71.186 16.830 160.353
38089.801 45132.680 30690.225 29.352 26.254
1.021
1/22/2016 9:30:00 PM 380700.000 71.172 16.816 160.322
38096.008 45154.199 30704.857 29.367 26.249
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1/22/2016 9:45:00 PM 381600.000 71.175 16.818 160.328
38081.863 45135.453 30692.109 29.354 26.259
1.021
1/22/2016 10:00:00 PM 382500.000 71.179 16.818 160.339
38093.977 45149.449 30701.625 29.364 26.251
1.021
1/22/2016 10:15:00 PM 383400.000 71.177 16.825 160.333
38087.598 45135.523 30692.158 29.354 26.255
1.021
1/22/2016 10:30:00 PM 384300.000 71.182 16.832 160.345
38089.328 45130.145 30688.500 29.351 26.254
1.021
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38095.574 45144.172 30698.039 29.360 26.250
1.021
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38103.395 45154.164 30704.834 29.368 26.244
1.021
1/22/2016 11:15:00 PM 387000.000 71.208 16.828 160.402
38105.262 45152.969 30704.021 29.367 26.243
1.021
1/22/2016 11:30:00 PM 387900.000 71.212 16.832 160.412
38089.184 45130.152 30688.506 29.351 26.254
1.021
1/22/2016 11:45:00 PM 388800.000 71.200 16.827 160.386
38111.371 45161.457 30709.793 29.373 26.239
1.021
1/23/2016 12:00:00 AM 389700.000 71.222 16.829 160.436
38100.152 45146.180 30699.404 29.362 26.247
1.021
1/23/2016 12:15:00 AM 390600.000 71.204 16.833 160.394
38101.355 45142.781 30697.094 29.360 26.246
1.021
1/23/2016 12:30:00 AM 391500.000 71.224 16.831 160.438
38095.871 45138.336 30694.068 29.356 26.250
1.021
1/23/2016 12:45:00 AM 392400.000 71.230 16.823 160.453
38090.789 45140.652 30695.646 29.358 26.253
1.021
1/23/2016 1:00:00 AM 393300.000 71.212 16.822 160.411
38109.773 45164.859 30712.107 29.375 26.240
1.021

1/23/2016 1:15:00 AM	394200.000	71.213	16.827	160.413
38105.895	45154.523	30705.078	29.368	26.243
1.021				
1/23/2016 1:30:00 AM	395100.000	71.220	16.821	160.430
38102.336	45156.762	30706.598	29.369	26.245
1.021				
1/23/2016 1:45:00 AM	396000.000	71.238	16.826	160.471
38088.922	45135.219	30691.949	29.354	26.254
1.021				
1/23/2016 2:00:00 AM	396900.000	71.235	16.832	160.465
38119.738	45165.723	30712.691	29.376	26.233
1.021				
1/23/2016 2:15:00 AM	397800.000	71.221	16.827	160.432
38092.418	45138.375	30694.098	29.356	26.252
1.021				
1/23/2016 2:30:00 AM	398700.000	71.237	16.830	160.469
38104.301	45149.406	30701.598	29.364	26.244
1.021				
1/23/2016 2:45:00 AM	399600.000	71.222	16.819	160.435
38087.957	45141.957	30696.533	29.358	26.255
1.021				
1/23/2016 3:00:00 AM	400500.000	71.224	16.817	160.439
38089.645	45145.215	30698.748	29.361	26.254
1.021				
1/23/2016 3:15:00 AM	401400.000	71.221	16.824	160.432
38087.012	45135.281	30691.994	29.354	26.256
1.021				
1/23/2016 3:30:00 AM	402300.000	71.238	16.828	160.471
38109.313	45157.309	30706.973	29.370	26.240
1.021				
1/23/2016 3:45:00 AM	403200.000	71.220	16.827	160.430
38104.656	45153.414	30704.322	29.367	26.244
1.021				
1/23/2016 4:00:00 AM	404100.000	71.237	16.828	160.469
38111.754	45160.305	30709.010	29.372	26.239
1.021				
1/23/2016 4:15:00 AM	405000.000	71.237	16.838	160.469
38126.859	45168.250	30714.410	29.378	26.228
1.021				
1/23/2016 4:30:00 AM	405900.000	71.223	16.829	160.436
38099.410	45145.301	30698.807	29.361	26.247
1.021				
1/23/2016 4:45:00 AM	406800.000	71.237	16.823	160.469
38130.191	45187.980	30727.826	29.392	26.226
1.021				
1/23/2016 5:00:00 AM	407700.000	71.238	16.820	160.470
38106.555	45163.109	30710.914	29.374	26.242
1.021				
1/23/2016 5:15:00 AM	408600.000	71.222	16.820	160.435
38076.191	45127.125	30686.447	29.348	26.263
1.021				
1/23/2016 5:30:00 AM	409500.000	71.225	16.821	160.441
38107.496	45162.961	30710.816	29.374	26.242
1.021				

1/23/2016 5:45:00 AM	410400.000	71.222	16.825	160.434
38105.121	45155.578	30705.795	29.369	26.243
1.021				
1/23/2016 6:00:00 AM	411300.000	71.238	16.825	160.470
38074.938	45120.078	30681.656	29.343	26.264
1.021				
1/23/2016 6:15:00 AM	412200.000	71.223	16.825	160.437
38104.953	45155.918	30706.025	29.369	26.243
1.021				
1/23/2016 6:30:00 AM	413100.000	71.245	16.832	160.485
38094.297	45135.930	30692.432	29.355	26.251
1.021				
1/23/2016 6:45:00 AM	414000.000	71.244	16.829	160.483
38111.566	45159.527	30708.480	29.372	26.239
1.021				
1/23/2016 7:00:00 AM	414900.000	71.234	16.826	160.462
38098.758	45147.582	30700.357	29.363	26.248
1.021				
1/23/2016 7:15:00 AM	415800.000	71.250	16.825	160.497
38086.289	45133.527	30690.799	29.353	26.256
1.021				
1/23/2016 7:30:00 AM	416700.000	71.250	16.827	160.498
38085.863	45130.785	30688.934	29.351	26.256
1.021				
1/23/2016 7:45:00 AM	417600.000	71.256	16.834	160.512
38107.988	45149.906	30701.939	29.365	26.241
1.021				
1/23/2016 8:00:00 AM	418500.000	71.260	16.827	160.520
38105.266	45154.496	30705.061	29.368	26.243
1.021				
1/23/2016 8:15:00 AM	419400.000	71.247	16.830	160.491
38073.129	45113.273	30677.027	29.338	26.265
1.021				
1/23/2016 8:30:00 AM	420300.000	71.266	16.832	160.534
38091.359	45132.449	30690.066	29.352	26.253
1.021				
1/23/2016 8:45:00 AM	421200.000	71.270	16.828	160.543
38069.977	45111.508	30675.826	29.337	26.267
1.021				
1/23/2016 9:00:00 AM	422100.000	71.278	16.836	160.561
38077.492	45111.727	30675.977	29.338	26.262
1.021				
1/23/2016 9:15:00 AM	423000.000	71.264	16.829	160.529
38083.180	45125.816	30685.557	29.347	26.258
1.021				
1/23/2016 9:30:00 AM	423900.000	71.286	16.828	160.579
38089.496	45134.109	30691.197	29.353	26.254
1.021				
1/23/2016 9:45:00 AM	424800.000	71.278	16.824	160.560
38091.621	45140.840	30695.771	29.358	26.252
1.021				
1/23/2016 10:00:00 AM	425700.000	71.294	16.825	160.596
38093.684	45142.375	30696.816	29.359	26.251
1.021				
1/23/2016 10:15:00 AM	426600.000	71.281	16.834	160.569

38110.766 45153.652 30704.484 29.368 26.239
1.021
1/23/2016 10:30:00 AM 427500.000 71.300 16.839 160.611
38123.801 45163.543 30711.211 29.375 26.230
1.021
1/23/2016 10:45:00 AM 428400.000 71.288 16.825 160.582
38089.418 45137.773 30693.688 29.356 26.254
1.021
1/23/2016 11:00:00 AM 429300.000 71.315 16.827 160.643
38099.836 45147.430 30700.252 29.363 26.247
1.021
1/23/2016 11:15:00 AM 430200.000 71.311 16.825 160.636
38086.082 45133.367 30690.691 29.353 26.256
1.021
1/23/2016 11:30:00 AM 431100.000 71.314 16.827 160.642
38091.828 45137.578 30693.555 29.356 26.252
1.021
1/23/2016 11:45:00 AM 432000.000 71.317 16.829 160.649
38097.648 45142.609 30696.977 29.359 26.248
1.021
1/23/2016 12:00:00 PM 432900.000 71.325 16.824 160.665
38073.305 45119.035 30680.945 29.342 26.265
1.021
1/23/2016 12:15:00 PM 433800.000 71.324 16.829 160.663
38092.066 45136.070 30692.529 29.355 26.252
1.021
1/23/2016 12:30:00 PM 434700.000 71.311 16.821 160.635
38065.129 45112.309 30676.373 29.337 26.271
1.021
1/23/2016 12:45:00 PM 435600.000 71.315 16.820 160.645
38095.961 45150.555 30702.379 29.365 26.250
1.021
1/23/2016 1:00:00 PM 436500.000 71.322 16.832 160.660
38113.902 45159.160 30708.229 29.372 26.237
1.021
1/23/2016 1:15:00 PM 437400.000 71.324 16.830 160.663
38121.867 45170.117 30715.682 29.379 26.232
1.021
1/23/2016 1:30:00 PM 438300.000 71.322 16.827 160.661
38117.859 45168.523 30714.598 29.378 26.234
1.021
1/23/2016 1:45:00 PM 439200.000 71.318 16.831 160.651
38076.664 45115.949 30678.846 29.340 26.263
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1/23/2016 2:00:00 PM 440100.000 71.315 16.822 160.644
38085.703 45135.699 30692.275 29.354 26.257
1.021
1/23/2016 2:15:00 PM 441000.000 71.316 16.827 160.647
38095.723 45143.000 30697.240 29.360 26.250
1.021
1/23/2016 2:30:00 PM 441900.000 71.311 16.831 160.636
38114.320 45160.918 30709.426 29.373 26.237
1.021
1/23/2016 2:45:00 PM 442800.000 71.290 16.827 160.587

38102.848	45151.090	30702.744	29.365	26.245		
1.021						
1/23/2016 3:00:00 PM	443700.000	71.298	16.835	160.605		
38092.023	45130.113	30688.479	29.351	26.252		
1.021						
1/23/2016 3:15:00 PM	444600.000	71.281	16.826	160.567		
38108.926	45159.000	30708.123	29.371	26.241		
1.021						
1/23/2016 3:30:00 PM	445500.000	71.291	16.823	160.589		
38083.602	45131.945	30689.725	29.351	26.258		
1.021						
1/23/2016 3:45:00 PM	446400.000	71.285	16.822	160.577		
38081.070	45129.945	30688.363	29.350	26.260		
1.021						
1/23/2016 4:00:00 PM	447300.000	71.265	16.823	160.532		
38089.223	45139.430	30694.814	29.357	26.254		
1.021						
1/23/2016 4:15:00 PM	448200.000	71.272	16.828	160.548		
38107.496	45155.438	30705.697	29.369	26.242		
1.021						
1/23/2016 4:30:00 PM	449100.000	71.270	16.816	160.543		
38071.410	45124.941	30684.963	29.346	26.266		
1.021						
1/23/2016 4:45:00 PM	450000.000	71.260	16.832	160.519		
38103.203	45145.953	30699.250	29.362	26.245		
1.021						
1/23/2016 5:00:00 PM	450900.000	71.254	16.821	160.507		
38101.012	45154.750	30705.232	29.368	26.246		
1.021						
1/23/2016 5:15:00 PM	451800.000	71.233	16.828	160.460		
38112.301	45161.660	30709.930	29.373	26.238		
1.021						
1/23/2016 5:30:00 PM	452700.000	71.227	16.828	160.446		
38080.117	45122.715	30683.449	29.345	26.260		
1.021						
1/23/2016 5:45:00 PM	453600.000	71.236	16.822	160.467		
38067.043	45113.859	30677.426	29.338	26.269		
1.021						
1/23/2016 6:00:00 PM	454500.000	71.220	16.829	160.430		
38131.160	45182.395	30724.031	29.388	26.225		
1.021						
1/23/2016 6:15:00 PM	455400.000	71.212	16.825	160.412		
38093.512	45142.172	30696.680	29.359	26.251		
1.021						
1/23/2016 6:30:00 PM	456300.000	71.229	16.819	160.451		
38102.652	45159.375	30708.375	29.371	26.245		
1.021						
1/23/2016 6:45:00 PM	457200.000	71.221	16.832	160.433		
38100.254	45143.348	30697.477	29.360	26.247		
1.021						
1/23/2016 7:00:00 PM	458100.000	71.201	16.830	160.388		
38077.680	45118.316	30680.457	29.342	26.262		
1.021						
1/23/2016 7:15:00 PM	459000.000	71.202	16.821	160.390		
38081.254	45131.777	30689.611	29.351	26.260		

1.021
1/23/2016 7:30:00 PM 459900.000 71.212 16.829 160.412
38103.438 45149.367 30701.572 29.364 26.244
1.021
1/23/2016 7:45:00 PM 460800.000 71.192 16.828 160.367
38097.156 45143.262 30697.420 29.360 26.249
1.021
1/23/2016 8:00:00 PM 461700.000 71.194 16.824 160.371
38096.383 45146.113 30699.357 29.362 26.249
1.021
1/23/2016 8:15:00 PM 462600.000 71.191 16.825 160.364
38092.344 45140.973 30695.863 29.358 26.252
1.021
1/23/2016 8:30:00 PM 463500.000 71.210 16.819 160.408
38106.504 45163.855 30711.424 29.374 26.242
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1/23/2016 8:45:00 PM 464400.000 71.190 16.821 160.362
38085.250 45135.965 30692.459 29.354 26.257
1.021
1/23/2016 9:00:00 PM 465300.000 71.212 16.832 160.411
38097.961 45140.734 30695.701 29.358 26.248
1.021
1/23/2016 9:15:00 PM 466200.000 71.192 16.828 160.366
38112.492 45161.434 30709.775 29.373 26.238
1.021
1/23/2016 9:30:00 PM 467100.000 71.191 16.823 160.364
38083.414 45132.355 30690.004 29.352 26.258
1.021
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38080.582 45121.934 30682.916 29.345 26.260
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38103.438 45148.742 30701.145 29.364 26.244
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38134.156 45187.918 30727.787 29.392 26.223
1.021
1/23/2016 10:30:00 PM 470700.000 71.215 16.824 160.420
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1.021
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38081.832 45128.430 30687.334 29.349 26.259
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38130.863 45186.352 30726.721 29.391 26.225
1.021
1/23/2016 11:15:00 PM 473400.000 71.228 16.825 160.448
38114.008 45166.375 30713.137 29.376 26.237
1.021
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38095.250 45148.629 30701.068 29.363 26.250
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1/23/2016 11:45:00 PM 475200.000 71.234 16.818 160.461
38090.191 45145.059 30698.643 29.361 26.253

1.021
1/24/2016 12:00:00 AM 476100.000 71.217 16.829 160.423
38086.887 45129.668 30688.176 29.350 26.256
1.021
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38081.730 45138.156 30693.949 29.355 26.259
1.021
1/24/2016 2:45:00 AM 486000.000 71.250 16.827 160.497
38104.441 45153.328 30704.266 29.367 26.244
1.021
1/24/2016 3:00:00 AM 486900.000 71.254 16.834 160.506
38080.391 45117.766 30680.082 29.342 26.260
1.021
1/24/2016 3:15:00 AM 487800.000 71.252 16.822 160.502
38082.402 45132.504 30690.105 29.352 26.259
1.021
1/24/2016 3:30:00 AM 488700.000 71.233 16.819 160.460
38119.238 45178.320 30721.260 29.385 26.233
1.021
1/24/2016 3:45:00 AM 489600.000 71.235 16.823 160.465
38092.309 45142.266 30696.740 29.359 26.252
1.021
1/24/2016 4:00:00 AM 490500.000 71.235 16.830 160.464
38086.145 45128.523 30687.396 29.349 26.256
1.021
1/24/2016 4:15:00 AM 491400.000 71.231 16.827 160.455
38124.375 45176.508 30720.025 29.384 26.230
1.021

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38092.910	45137.703	30693.641	29.356	26.252
1.021				
1/24/2016 4:45:00 AM	493200.000	71.232	16.827	160.458
38099.207	45147.230	30700.119	29.363	26.247
1.021				
1/24/2016 5:00:00 AM	494100.000	71.229	16.830	160.450
38098.129	45142.266	30696.740	29.359	26.248
1.021				
1/24/2016 5:15:00 AM	495000.000	71.230	16.816	160.452
38082.805	45139.078	30694.576	29.356	26.259
1.021				
1/24/2016 5:30:00 AM	495900.000	71.243	16.826	160.482
38108.047	45158.141	30707.537	29.370	26.241
1.021				
1/24/2016 5:45:00 AM	496800.000	71.226	16.827	160.443
38074.840	45117.809	30680.111	29.341	26.264
1.021				
1/24/2016 6:00:00 AM	497700.000	71.228	16.819	160.449
38064.039	45113.336	30677.070	29.338	26.272
1.021				
1/24/2016 6:15:00 AM	498600.000	71.228	16.829	160.447
38095.352	45140.418	30695.486	29.358	26.250
1.021				
1/24/2016 6:30:00 AM	499500.000	71.243	16.829	160.481
38089.934	45133.363	30690.689	29.353	26.254
1.021				
1/24/2016 6:45:00 AM	500400.000	71.241	16.829	160.478
38099.504	45145.336	30698.830	29.361	26.247
1.021				
1/24/2016 7:00:00 AM	501300.000	71.246	16.825	160.489
38107.945	45159.105	30708.193	29.371	26.241
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1/24/2016 7:15:00 AM	502200.000	71.244	16.830	160.484
38066.785	45105.406	30671.676	29.333	26.270
1.021				
1/24/2016 7:30:00 AM	503100.000	71.233	16.835	160.459
38087.102	45124.453	30684.629	29.347	26.256
1.021				
1/24/2016 7:45:00 AM	504000.000	71.249	16.822	160.496
38092.879	45144.027	30697.941	29.360	26.252
1.021				
1/24/2016 8:00:00 AM	504900.000	71.236	16.826	160.467
38111.965	45162.699	30710.639	29.374	26.238
1.021				
1/24/2016 8:15:00 AM	505800.000	71.239	16.826	160.473
38097.941	45145.906	30699.219	29.362	26.248
1.021				
1/24/2016 8:30:00 AM	506700.000	71.257	16.828	160.513
38086.887	45131.461	30689.396	29.351	26.256
1.021				
1/24/2016 8:45:00 AM	507600.000	71.259	16.830	160.518
38085.520	45127.859	30686.947	29.349	26.257
1.021				

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38097.500	45144.398	30698.193	29.361	26.248
1.021				
1/24/2016 9:15:00 AM	509400.000	71.264	16.827	160.528
38074.309	45117.535	30679.926	29.341	26.264
1.021				
1/24/2016 9:30:00 AM	510300.000	71.268	16.828	160.539
38116.180	45165.906	30712.818	29.376	26.236
1.021				
1/24/2016 9:45:00 AM	511200.000	71.273	16.828	160.549
38097.809	45144.488	30698.254	29.361	26.248
1.021				
1/24/2016 10:00:00 AM	512100.000	71.255	16.824	160.509
38076.234	45122.328	30683.186	29.344	26.263
1.021				
1/24/2016 10:15:00 AM	513000.000	71.264	16.832	160.528
38113.023	45158.398	30707.713	29.371	26.238
1.021				
1/24/2016 10:30:00 AM	513900.000	71.266	16.822	160.534
38076.531	45124.652	30684.766	29.346	26.263
1.021				
1/24/2016 10:45:00 AM	514800.000	71.272	16.817	160.547
38086.992	45142.520	30696.914	29.359	26.256
1.021				
1/24/2016 11:00:00 AM	515700.000	71.277	16.823	160.558
38102.047	45154.082	30704.777	29.367	26.245
1.021				
1/24/2016 11:15:00 AM	516600.000	71.281	16.822	160.568
38077.285	45125.723	30685.494	29.347	26.262
1.021				
1/24/2016 11:30:00 AM	517500.000	71.281	16.814	160.569
38080.438	45137.535	30693.525	29.355	26.260
1.021				
1/24/2016 11:45:00 AM	518400.000	71.303	16.819	160.617
38112.492	45170.422	30715.889	29.379	26.238
1.021				
1/24/2016 12:00:00 PM	519300.000	71.291	16.819	160.589
38060.305	45108.570	30673.830	29.334	26.274
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1/24/2016 12:15:00 PM	520200.000	71.297	16.824	160.603
38087.223	45136.070	30692.529	29.354	26.256
1.021				
1/24/2016 12:30:00 PM	521100.000	71.294	16.829	160.596
38077.457	45119.035	30680.945	29.342	26.262
1.021				
1/24/2016 12:45:00 PM	522000.000	71.299	16.818	160.609
38109.539	45168.254	30714.412	29.377	26.240
1.021				
1/24/2016 1:00:00 PM	522900.000	71.312	16.830	160.638
38090.242	45133.551	30690.814	29.353	26.253
1.021				
1/24/2016 1:15:00 PM	523800.000	71.292	16.836	160.593
38110.488	45151.078	30702.736	29.366	26.239
1.021				
1/24/2016 1:30:00 PM	524700.000	71.307	16.825	160.626

38113.270 45165.055 30712.240 29.375 26.238
1.021
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38107.918 45168.758 30714.758 29.378 26.241
1.021
1/24/2016 2:00:00 PM 526500.000 71.293 16.825 160.594
38084.176 45131.105 30689.154 29.351 26.258
1.021
1/24/2016 2:15:00 PM 527400.000 71.307 16.833 160.625
38084.664 45123.895 30684.250 29.346 26.257
1.021
1/24/2016 2:30:00 PM 528300.000 71.300 16.827 160.610
38082.215 45126.641 30686.117 29.348 26.259
1.021
1/24/2016 2:45:00 PM 529200.000 71.282 16.824 160.570
38093.406 45143.309 30697.451 29.360 26.251
1.021
1/24/2016 3:00:00 PM 530100.000 71.297 16.828 160.603
38103.797 45151.582 30703.078 29.366 26.244
1.021
1/24/2016 3:15:00 PM 531000.000 71.274 16.830 160.551
38103.371 45149.012 30701.330 29.364 26.244
1.021
1/24/2016 3:30:00 PM 531900.000 71.287 16.828 160.581
38096.234 45142.094 30696.627 29.359 26.249
1.021
1/24/2016 3:45:00 PM 532800.000 71.263 16.830 160.527
38088.887 45131.945 30689.725 29.352 26.254
1.021
1/24/2016 4:00:00 PM 533700.000 71.259 16.814 160.518
38085.488 45143.797 30697.783 29.359 26.257
1.021
1/24/2016 4:15:00 PM 534600.000 71.268 16.826 160.539
38096.320 45144.883 30698.523 29.361 26.249
1.021
1/24/2016 4:30:00 PM 535500.000 71.264 16.830 160.529
38100.176 45144.875 30698.518 29.361 26.247
1.021
1/24/2016 4:45:00 PM 536400.000 71.241 16.840 160.477
38109.480 45145.410 30698.881 29.362 26.240
1.021
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38112.977 45165.965 30712.855 29.376 26.238
1.021
1/24/2016 5:15:00 PM 538200.000 71.241 16.819 160.478
38076.465 45128.430 30687.334 29.349 26.263
1.021
1/24/2016 5:30:00 PM 539100.000 71.221 16.828 160.433
38109.016 45157.492 30707.098 29.370 26.241
1.021
1/24/2016 5:45:00 PM 540000.000 71.229 16.822 160.451
38103.348 45157.242 30706.926 29.370 26.244
1.021
1/24/2016 6:00:00 PM 540900.000 71.205 16.825 160.396

38106.250 45157.719 30707.250 29.370 26.242
1.021
1/24/2016 6:15:00 PM 541800.000 71.216 16.835 160.421
38108.109 45149.625 30701.748 29.365 26.241
1.021
1/24/2016 6:30:00 PM 542700.000 71.194 16.829 160.371
38087.664 45130.777 30688.930 29.351 26.255
1.021
1/24/2016 6:45:00 PM 543600.000 71.206 16.832 160.399
38112.895 45157.797 30707.305 29.371 26.238
1.021
1/24/2016 7:00:00 PM 544500.000 71.197 16.819 160.379
38087.957 45141.684 30696.346 29.358 26.255
1.021
1/24/2016 7:15:00 PM 545400.000 71.198 16.828 160.381
38091.098 45136.535 30692.844 29.355 26.253
1.021
1/24/2016 7:30:00 PM 546300.000 71.197 16.829 160.378
38090.145 45134.246 30691.287 29.353 26.254
1.021
1/24/2016 7:45:00 PM 547200.000 71.176 16.823 160.332
38111.227 45165.238 30712.363 29.375 26.239
1.021
1/24/2016 8:00:00 PM 548100.000 71.185 16.828 160.351
38096.520 45142.688 30697.029 29.359 26.249
1.021
1/24/2016 8:15:00 PM 549000.000 71.170 16.831 160.318
38117.734 45165.043 30712.232 29.376 26.235
1.021
1/24/2016 8:30:00 PM 549900.000 71.183 16.827 160.346
38083.074 45127.926 30686.992 29.349 26.258
1.021
1/24/2016 8:45:00 PM 550800.000 71.175 16.828 160.330
38070.699 45111.738 30675.984 29.337 26.267
1.021
1/24/2016 9:00:00 PM 551700.000 71.163 16.829 160.302
38097.438 45142.434 30696.857 29.359 26.248
1.021
1/24/2016 9:15:00 PM 552600.000 71.178 16.830 160.336
38088.488 45130.844 30688.977 29.351 26.255
1.021
1/24/2016 9:30:00 PM 553500.000 71.163 16.818 160.302
38087.633 45142.199 30696.697 29.359 26.255
1.021
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38087.395 45125.875 30685.596 29.348 26.255
1.021
1/24/2016 10:00:00 PM 555300.000 71.179 16.827 160.339
38122.863 45174.715 30718.807 29.383 26.231
1.021
1/24/2016 10:15:00 PM 556200.000 71.176 16.827 160.332
38062.066 45102.844 30669.936 29.331 26.273
1.021
1/24/2016 10:30:00 PM 557100.000 71.165 16.822 160.305
38090.336 45141.645 30696.320 29.358 26.253

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38078.012 45125.512 30685.348 29.347 26.262
1.021
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1.021
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38100.949 45146.238 30699.443 29.362 26.246
1.021
1/24/2016 11:30:00 PM 560700.000 71.172 16.822 160.321
38094.672 45147.047 30699.992 29.362 26.250
1.021
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38075.352 45108.203 30673.580 29.335 26.264
1.021
1/25/2016 12:00:00 AM 562500.000 71.196 16.831 160.377
38130.465 45179.957 30722.371 29.387 26.226
1.021
1/25/2016 12:15:00 AM 563400.000 71.180 16.837 160.341
38121.340 45162.688 30710.629 29.374 26.232
1.021
1/25/2016 12:30:00 AM 564300.000 71.182 16.827 160.345
38107.121 45156.332 30706.309 29.369 26.242
1.021
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38107.098 45157.742 30707.268 29.370 26.242
1.021
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38097.598 45150.789 30702.539 29.365 26.248
1.021
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38082.449 45131.578 30689.475 29.351 26.259
1.021
1/25/2016 1:30:00 AM 567900.000 71.214 16.823 160.416
38104.262 45156.430 30706.375 29.369 26.244
1.021
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38102.195 45149.602 30701.730 29.364 26.245
1.021
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38081.391 45127.805 30686.908 29.348 26.260
1.021
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38088.613 45140.406 30695.479 29.357 26.255
1.021
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38129.387 45175.090 30719.063 29.383 26.226
1.021
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38083.457 45124.711 30684.807 29.347 26.258
1.021
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38095.891 45145.621 30699.023 29.361 26.250

1.021
1/25/2016 3:15:00 AM 574200.000 71.204 16.820 160.393
38093.477 45147.508 30700.307 29.362 26.251
1.021
1/25/2016 3:30:00 AM 575100.000 71.205 16.823 160.397
38087.984 45137.328 30693.385 29.355 26.255
1.021
1/25/2016 3:45:00 AM 576000.000 71.218 16.833 160.425
38105.926 45148.828 30701.205 29.364 26.243
1.021
1/25/2016 4:00:00 AM 576900.000 71.221 16.835 160.433
38097.914 45137.441 30693.463 29.356 26.248
1.021
1/25/2016 4:15:00 AM 577800.000 71.218 16.833 160.427
38106.719 45149.137 30701.416 29.364 26.242
1.021
1/25/2016 4:30:00 AM 578700.000 71.203 16.829 160.392
38099.645 45144.871 30698.514 29.361 26.247
1.021
1/25/2016 4:45:00 AM 579600.000 71.219 16.820 160.429
38113.477 45170.598 30716.008 29.379 26.237
1.021
1/25/2016 5:00:00 AM 580500.000 71.202 16.834 160.388
38087.055 45125.559 30685.383 29.347 26.256
1.021
1/25/2016 5:15:00 AM 581400.000 71.219 16.829 160.429
38100.000 45145.820 30699.160 29.362 26.247
1.021
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38090.340 45132.324 30689.982 29.352 26.253
1.021
1/25/2016 5:45:00 AM 583200.000 71.202 16.833 160.390
38125.094 45171.168 30716.396 29.380 26.229
1.021
1/25/2016 6:00:00 AM 584100.000 71.218 16.822 160.425
38115.887 45171.660 30716.730 29.380 26.236
1.021
1/25/2016 6:15:00 AM 585000.000 71.217 16.830 160.424
38113.184 45160.289 30708.998 29.372 26.238
1.021
1/25/2016 6:30:00 AM 585900.000 71.218 16.825 160.426
38081.953 45128.754 30687.553 29.349 26.259
1.021
1/25/2016 6:45:00 AM 586800.000 71.199 16.826 160.383
38095.395 45143.520 30697.596 29.360 26.250
1.021
1/25/2016 7:00:00 AM 587700.000 71.214 16.835 160.416
38113.438 45155.750 30705.912 29.369 26.237
1.021
1/25/2016 7:15:00 AM 588600.000 71.196 16.829 160.376
38067.691 45107.188 30672.891 29.334 26.269
1.021
1/25/2016 7:30:00 AM 589500.000 71.199 16.828 160.383
38107.035 45154.969 30705.379 29.368 26.242
1.021

1/25/2016 7:45:00 AM	590400.000	71.202	16.821	160.390
38101.813	45156.500	30706.422	29.369	26.245
1.021				
1/25/2016 8:00:00 AM	591300.000	71.199	16.826	160.384
38093.684	45141.758	30696.398	29.359	26.251
1.021				
1/25/2016 8:15:00 AM	592200.000	71.217	16.829	160.424
38063.266	45102.293	30669.559	29.330	26.272
1.021				
1/25/2016 8:30:00 AM	593100.000	71.220	16.830	160.430
38087.711	45130.105	30688.475	29.350	26.255
1.021				
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38104.258	45149.074	30701.373	29.364	26.244
1.021				
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38090.137	45133.254	30690.615	29.353	26.254
1.021				
1/25/2016 9:15:00 AM	595800.000	71.212	16.830	160.411
38105.102	45150.254	30702.176	29.365	26.243
1.021				
1/25/2016 9:30:00 AM	596700.000	71.230	16.832	160.452
38103.203	45145.953	30699.250	29.362	26.245
1.021				
1/25/2016 9:45:00 AM	597600.000	71.231	16.826	160.454
38133.930	45189.000	30728.521	29.393	26.223
1.021				
1/25/2016 10:00:00 AM	598500.000	71.219	16.831	160.428
38133.000	45182.418	30724.047	29.388	26.224
1.021				
1/25/2016 10:15:00 AM	599400.000	71.238	16.825	160.470
38116.074	45168.379	30714.500	29.378	26.236
1.021				
1/25/2016 10:30:00 AM	600300.000	71.226	16.820	160.443
38098.992	45153.246	30704.209	29.367	26.247
1.021				
1/25/2016 10:45:00 AM	601200.000	71.228	16.835	160.449
38121.359	45165.398	30712.473	29.376	26.232
1.021				
1/25/2016 11:00:00 AM	602100.000	71.242	16.832	160.480
38098.195	45140.285	30695.396	29.358	26.248
1.021				
1/25/2016 11:15:00 AM	603000.000	71.235	16.829	160.463
38100.824	45146.449	30699.586	29.362	26.246
1.021				
1/25/2016 11:30:00 AM	603900.000	71.256	16.819	160.512
38095.348	45150.359	30702.246	29.364	26.250
1.021				
1/25/2016 11:45:00 AM	604800.000	71.246	16.821	160.488
38109.055	45164.809	30712.072	29.375	26.240
1.021				
1/25/2016 12:00:00 PM	605700.000	71.244	16.823	160.484
38095.961	45146.695	30699.754	29.362	26.250
1.021				

1/25/2016 12:15:00 PM	606600.000	71.248	16.826	160.493
38092.262	45139.707	30695.004	29.357	26.252
1.021				
1/25/2016 12:30:00 PM	607500.000	71.251	16.829	160.500
38121.004	45170.711	30716.086	29.380	26.232
1.021				
1/25/2016 12:45:00 PM	608400.000	71.268	16.828	160.539
38096.105	45141.844	30696.455	29.359	26.249
1.021				
1/25/2016 1:00:00 PM	609300.000	71.258	16.826	160.515
38079.953	45124.668	30684.775	29.346	26.261
1.021				
1/25/2016 1:15:00 PM	610200.000	71.260	16.828	160.520
38121.570	45172.113	30717.039	29.381	26.232
1.021				
1/25/2016 1:30:00 PM	611100.000	71.259	16.825	160.518
38103.875	45154.902	30705.336	29.368	26.244
1.021				
1/25/2016 1:45:00 PM	612000.000	71.260	16.820	160.521
38098.105	45152.465	30703.678	29.366	26.248
1.021				
1/25/2016 2:00:00 PM	612900.000	71.275	16.815	160.553
38079.289	45135.090	30691.861	29.353	26.261
1.021				
1/25/2016 2:15:00 PM	613800.000	71.275	16.820	160.553
38100.313	45154.902	30705.336	29.368	26.247
1.021				
1/25/2016 2:30:00 PM	614700.000	71.271	16.818	160.546
38101.727	45159.184	30708.248	29.371	26.246
1.021				
1/25/2016 2:45:00 PM	615600.000	71.255	16.824	160.508
38088.418	45137.125	30693.246	29.355	26.255
1.021				
1/25/2016 3:00:00 PM	616500.000	71.255	16.815	160.508
38113.801	45176.270	30719.863	29.383	26.237
1.021				
1/25/2016 3:15:00 PM	617400.000	71.251	16.819	160.500
38095.750	45151.289	30702.879	29.365	26.250
1.021				
1/25/2016 3:30:00 PM	618300.000	71.246	16.820	160.489
38099.473	45154.352	30704.959	29.367	26.247
1.021				
1/25/2016 3:45:00 PM	619200.000	71.243	16.825	160.481
38069.191	45113.711	30677.326	29.338	26.268
1.021				
1/25/2016 4:00:00 PM	620100.000	71.240	16.832	160.476
38083.879	45123.770	30684.166	29.346	26.258
1.021				
1/25/2016 4:15:00 PM	621000.000	71.248	16.817	160.493
38078.012	45131.879	30689.680	29.351	26.262
1.021				
1/25/2016 4:30:00 PM	621900.000	71.228	16.818	160.447
38082.832	45136.160	30692.590	29.354	26.259
1.021				
1/25/2016 4:45:00 PM	622800.000	71.238	16.829	160.470

38111.926 45160.055 30708.840 29.372 26.239
1.021
1/25/2016 5:00:00 PM 623700.000 71.232 16.834 160.456
38093.293 45132.598 30690.168 29.352 26.251
1.021
1/25/2016 5:15:00 PM 624600.000 71.228 16.822 160.447
38092.352 45143.578 30697.633 29.360 26.252
1.021
1/25/2016 5:30:00 PM 625500.000 71.222 16.827 160.435
38120.645 45172.719 30717.451 29.381 26.233
1.021
1/25/2016 5:45:00 PM 626400.000 71.217 16.823 160.423
38112.598 45166.410 30713.162 29.376 26.238
1.021
1/25/2016 6:00:00 PM 627300.000 71.212 16.829 160.413
38115.777 45164.797 30712.064 29.375 26.236
1.021
1/25/2016 6:15:00 PM 628200.000 71.205 16.829 160.396
38102.469 45148.746 30701.148 29.364 26.245
1.021
1/25/2016 6:30:00 PM 629100.000 71.186 16.829 160.352
38098.406 45143.934 30697.875 29.360 26.248
1.021
1/25/2016 6:45:00 PM 630000.000 71.195 16.827 160.373
38107.328 45156.477 30706.406 29.369 26.242
1.021
1/25/2016 7:00:00 PM 630900.000 71.192 16.822 160.367
38086.027 45135.906 30692.418 29.354 26.256
1.021
1/25/2016 7:15:00 PM 631800.000 71.179 16.829 160.339
38087.379 45130.516 30688.752 29.351 26.255
1.021
1/25/2016 7:30:00 PM 632700.000 71.179 16.828 160.337
38129.520 45181.535 30723.443 29.388 26.226
1.021
1/25/2016 7:45:00 PM 633600.000 71.158 16.833 160.290
38107.988 45151.531 30703.043 29.366 26.241
1.021
1/25/2016 8:00:00 PM 634500.000 71.158 16.826 160.291
38116.598 45168.273 30714.428 29.378 26.235
1.021
1/25/2016 8:15:00 PM 635400.000 71.154 16.824 160.281
38100.273 45151.535 30703.047 29.366 26.247
1.021
1/25/2016 8:30:00 PM 636300.000 71.148 16.812 160.267
38098.188 45160.539 30709.168 29.371 26.248
1.021
1/25/2016 8:45:00 PM 637200.000 71.146 16.825 160.263
38114.277 45166.426 30713.172 29.376 26.237
1.021
1/25/2016 9:00:00 PM 638100.000 71.146 16.825 160.263
38103.500 45154.195 30704.855 29.368 26.244
1.021
1/25/2016 9:15:00 PM 639000.000 71.142 16.833 160.254

38122.227 45167.691 30714.033 29.378 26.231
1.021
1/25/2016 9:30:00 PM 639900.000 71.153 16.833 160.279
38088.926 45128.586 30687.441 29.350 26.254
1.021
1/25/2016 9:45:00 PM 640800.000 71.157 16.840 160.288
38097.066 45131.336 30689.311 29.352 26.249
1.021
1/25/2016 10:00:00 PM 641700.000 71.157 16.827 160.289
38105.355 45154.141 30704.818 29.368 26.243
1.021
1/25/2016 10:15:00 PM 642600.000 71.139 16.830 160.249
38106.113 45151.453 30702.990 29.366 26.243
1.021
1/25/2016 10:30:00 PM 643500.000 71.140 16.834 160.251
38125.789 45171.000 30716.281 29.380 26.229
1.021
1/25/2016 10:45:00 PM 644400.000 71.160 16.832 160.295
38113.332 45158.668 30707.895 29.371 26.238
1.021
1/25/2016 11:00:00 PM 645300.000 71.140 16.838 160.251
38105.813 45142.945 30697.205 29.360 26.243
1.021
1/25/2016 11:15:00 PM 646200.000 71.162 16.830 160.299
38130.340 45180.789 30722.939 29.387 26.226
1.021
1/25/2016 11:30:00 PM 647100.000 71.165 16.823 160.305
38102.766 45155.121 30705.484 29.368 26.245
1.021
1/25/2016 11:45:00 PM 648000.000 71.163 16.825 160.302
38128.336 45183.270 30724.625 29.389 26.227
1.021
1/26/2016 12:00:00 AM 648900.000 71.165 16.837 160.305
38106.449 45145.488 30698.934 29.362 26.242
1.021
1/26/2016 12:15:00 AM 649800.000 71.174 16.819 160.327
38102.168 45158.988 30708.115 29.371 26.245
1.021
1/26/2016 12:30:00 AM 650700.000 71.157 16.827 160.289
38105.035 45153.324 30704.264 29.367 26.243
1.021
1/26/2016 12:45:00 AM 651600.000 71.156 16.829 160.286
38104.934 45151.496 30703.018 29.366 26.243
1.021
1/26/2016 1:00:00 AM 652500.000 71.182 16.830 160.345
38104.004 45149.586 30701.719 29.365 26.244
1.021
1/26/2016 1:15:00 AM 653400.000 71.183 16.822 160.346
38094.211 45146.234 30699.439 29.362 26.251
1.021
1/26/2016 1:30:00 AM 654300.000 71.170 16.820 160.317
38124.820 45184.039 30725.146 29.389 26.230
1.021
1/26/2016 1:45:00 AM 655200.000 71.185 16.833 160.350
38097.543 45138.707 30694.322 29.357 26.248

1.021
1/26/2016 2:00:00 AM 656100.000 71.191 16.830 160.364
38116.582 45163.855 30711.424 29.375 26.235
1.021
1/26/2016 2:15:00 AM 657000.000 71.189 16.826 160.360
38099.586 45148.754 30701.154 29.364 26.247
1.021
1/26/2016 2:30:00 AM 657900.000 71.177 16.826 160.333
38109.016 45159.559 30708.502 29.372 26.241
1.021
1/26/2016 2:45:00 AM 658800.000 71.191 16.826 160.364
38113.477 45164.848 30712.100 29.375 26.237
1.021
1/26/2016 3:00:00 AM 659700.000 71.193 16.830 160.369
38124.641 45174.313 30718.535 29.382 26.230
1.021
1/26/2016 3:15:00 AM 660600.000 71.194 16.826 160.371
38127.648 45181.461 30723.396 29.387 26.228
1.021
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38071.320 45115.344 30678.434 29.340 26.266
1.021
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38123.762 45168.426 30714.531 29.378 26.230
1.021
1/26/2016 4:00:00 AM 663300.000 71.202 16.829 160.389
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1.021
1/26/2016 4:15:00 AM 664200.000 71.182 16.824 160.343
38093.438 45142.809 30697.111 29.359 26.251
1.021
1/26/2016 4:30:00 AM 665100.000 71.180 16.829 160.340
38123.844 45174.441 30718.623 29.382 26.230
1.021
1/26/2016 4:45:00 AM 666000.000 71.196 16.831 160.377
38109.523 45155.313 30705.613 29.369 26.240
1.021
1/26/2016 5:00:00 AM 666900.000 71.196 16.834 160.377
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1.021
1/26/2016 5:15:00 AM 667800.000 71.196 16.826 160.377
38106.191 45155.855 30705.984 29.369 26.242
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1/26/2016 5:30:00 AM 668700.000 71.196 16.828 160.377
38104.344 45152.230 30703.520 29.366 26.244
1.021
1/26/2016 5:45:00 AM 669600.000 71.179 16.824 160.339
38104.051 45155.570 30705.791 29.369 26.244
1.021
1/26/2016 6:00:00 AM 670500.000 71.196 16.831 160.376
38109.352 45155.211 30705.543 29.369 26.240
1.021
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1.021
1/26/2016 6:30:00 AM 672300.000 71.189 16.824 160.360
38099.836 45151.016 30702.691 29.365 26.247
1.021
1/26/2016 6:45:00 AM 673200.000 71.178 16.828 160.335
38117.398 45167.523 30713.916 29.377 26.235
1.021
1/26/2016 7:00:00 AM 674100.000 71.191 16.827 160.365
38110.051 45159.172 30708.238 29.371 26.240
1.021
1/26/2016 7:15:00 AM 675000.000 71.174 16.822 160.327
38098.168 45151.191 30702.813 29.365 26.248
1.021
1/26/2016 7:30:00 AM 675900.000 71.173 16.839 160.324
38123.324 45163.074 30710.893 29.375 26.231
1.021
1/26/2016 7:45:00 AM 676800.000 71.185 16.822 160.350
38083.648 45133.539 30690.807 29.352 26.258
1.021
1/26/2016 8:00:00 AM 677700.000 71.184 16.830 160.348
38086.281 45128.508 30687.385 29.349 26.256
1.021
1/26/2016 8:15:00 AM 678600.000 71.175 16.821 160.328
38118.160 45175.516 30719.354 29.383 26.234
1.021
1/26/2016 8:30:00 AM 679500.000 71.186 16.825 160.353
38122.309 45175.766 30719.523 29.383 26.231
1.021
1/26/2016 8:45:00 AM 680400.000 71.189 16.819 160.359
38096.719 45152.070 30703.410 29.366 26.249
1.021
1/26/2016 9:00:00 AM 681300.000 71.175 16.821 160.329
38093.355 45146.023 30699.299 29.361 26.251
1.021
1/26/2016 9:15:00 AM 682200.000 71.192 16.827 160.368
38107.121 45156.605 30706.494 29.369 26.242
1.021
1/26/2016 9:30:00 AM 683100.000 71.195 16.819 160.373
38099.855 45156.246 30706.250 29.369 26.247
1.021
1/26/2016 9:45:00 AM 684000.000 71.196 16.820 160.377
38096.398 45150.441 30702.303 29.365 26.249
1.021
1/26/2016 10:00:00 AM 684900.000 71.199 16.833 160.384
38109.629 45152.844 30703.936 29.367 26.240
1.021
1/26/2016 10:15:00 AM 685800.000 71.202 16.823 160.389
38091.879 45142.031 30696.582 29.359 26.252
1.021
1/26/2016 10:30:00 AM 686700.000 71.183 16.824 160.347
38121.004 45175.289 30719.197 29.383 26.232
1.021
1/26/2016 10:45:00 AM 687600.000 71.207 16.820 160.400
38100.699 45155.453 30705.711 29.368 26.246
1.021

1/26/2016 11:00:00 AM	688500.000	71.207	16.830	160.401
38106.766	45153.133	30704.133	29.367	26.242
1.021				
1/26/2016 11:15:00 AM	689400.000	71.214	16.829	160.417
38109.734	45157.535	30707.127	29.370	26.240
1.021				
1/26/2016 11:30:00 AM	690300.000	71.215	16.832	160.419
38094.047	45135.633	30692.232	29.355	26.251
1.021				
1/26/2016 11:45:00 AM	691200.000	71.220	16.825	160.430
38115.461	45167.828	30714.125	29.377	26.236
1.021				
1/26/2016 12:00:00 PM	692100.000	71.223	16.828	160.437
38111.859	45160.961	30709.455	29.373	26.239
1.021				
1/26/2016 12:15:00 PM	693000.000	71.225	16.823	160.441
38104.512	45156.727	30706.576	29.369	26.244
1.021				
1/26/2016 12:30:00 PM	693900.000	71.229	16.823	160.451
38099.262	45151.059	30702.723	29.365	26.247
1.021				
1/26/2016 12:45:00 PM	694800.000	71.217	16.830	160.423
38101.141	45145.836	30699.170	29.362	26.246
1.021				
1/26/2016 1:00:00 PM	695700.000	71.235	16.827	160.464
38076.586	45120.508	30681.947	29.343	26.263
1.021				
1/26/2016 1:15:00 PM	696600.000	71.219	16.825	160.428
38101.121	45151.105	30702.754	29.365	26.246
1.021				
1/26/2016 1:30:00 PM	697500.000	71.240	16.831	160.475
38086.219	45127.270	30686.545	29.348	26.256
1.021				
1/26/2016 1:45:00 PM	698400.000	71.226	16.823	160.444
38083.145	45132.129	30689.850	29.351	26.258
1.021				
1/26/2016 2:00:00 PM	699300.000	71.243	16.813	160.481
38089.441	45149.824	30701.881	29.364	26.254
1.021				
1/26/2016 2:15:00 PM	700200.000	71.244	16.823	160.483
38120.113	45175.492	30719.338	29.383	26.233
1.021				
1/26/2016 2:30:00 PM	701100.000	71.244	16.827	160.483
38118.773	45170.414	30715.885	29.379	26.234
1.021				
1/26/2016 2:45:00 PM	702000.000	71.243	16.831	160.482
38101.645	45145.629	30699.027	29.362	26.246
1.021				
1/26/2016 3:00:00 PM	702900.000	71.236	16.831	160.466
38120.914	45168.813	30714.795	29.378	26.232
1.021				
1/26/2016 3:15:00 PM	703800.000	71.240	16.826	160.475
38134.520	45189.512	30728.871	29.393	26.223
1.021				

1/26/2016 3:30:00 PM	704700.000	71.219	16.821	160.428
38075.898	45125.789	30685.539	29.347	26.263
1.021				
1/26/2016 3:45:00 PM	705600.000	71.215	16.838	160.418
38111.184	45149.305	30701.529	29.365	26.239
1.021				
1/26/2016 4:00:00 PM	706500.000	71.229	16.823	160.451
38112.176	45165.809	30712.752	29.376	26.238
1.021				
1/26/2016 4:15:00 PM	707400.000	71.210	16.819	160.408
38118.602	45178.465	30721.357	29.385	26.234
1.021				
1/26/2016 4:30:00 PM	708300.000	71.209	16.820	160.404
38085.926	45138.293	30694.041	29.356	26.256
1.021				
1/26/2016 4:45:00 PM	709200.000	71.212	16.825	160.412
38108.645	45160.207	30708.943	29.372	26.241
1.021				
1/26/2016 5:00:00 PM	710100.000	71.203	16.821	160.391
38095.250	45148.363	30700.887	29.363	26.250
1.021				
1/26/2016 5:15:00 PM	711000.000	71.213	16.825	160.414
38114.957	45167.582	30713.959	29.377	26.236
1.021				
1/26/2016 5:30:00 PM	711900.000	71.209	16.819	160.406
38107.328	45164.113	30711.600	29.374	26.242
1.021				
1/26/2016 5:45:00 PM	712800.000	71.193	16.819	160.370
38119.484	45178.520	30721.395	29.385	26.233
1.021				
1/26/2016 6:00:00 PM	713700.000	71.188	16.821	160.358
38100.020	45154.281	30704.914	29.367	26.247
1.021				
1/26/2016 6:15:00 PM	714600.000	71.181	16.829	160.342
38091.199	45135.137	30691.895	29.354	26.253
1.021				
1/26/2016 6:30:00 PM	715500.000	71.188	16.821	160.357
38087.199	45138.820	30694.400	29.356	26.256
1.021				
1/26/2016 6:45:00 PM	716400.000	71.187	16.826	160.355
38105.523	45155.066	30705.445	29.368	26.243
1.021				
1/26/2016 7:00:00 PM	717300.000	71.182	16.824	160.345
38086.824	45134.973	30691.781	29.354	26.256
1.021				
1/26/2016 7:15:00 PM	718200.000	71.159	16.826	160.294
38107.480	45157.563	30707.145	29.370	26.242
1.021				
1/26/2016 7:30:00 PM	719100.000	71.173	16.826	160.324
38110.176	45161.039	30709.510	29.373	26.240
1.021				
1/26/2016 7:45:00 PM	720000.000	71.154	16.827	160.282
38123.512	45176.031	30719.701	29.383	26.231
1.021				
1/26/2016 8:00:00 PM	720900.000	71.165	16.821	160.305

38116.852 45173.699 30718.117 29.381 26.235
1.021
1/26/2016 8:15:00 PM 721800.000 71.146 16.821 160.262
38097.586 45150.867 30702.592 29.365 26.248
1.021
1/26/2016 8:30:00 PM 722700.000 71.144 16.822 160.258
38103.141 45156.898 30706.693 29.369 26.245
1.021
1/26/2016 8:45:00 PM 723600.000 71.137 16.822 160.243
38094.453 45146.430 30699.574 29.362 26.251
1.021
1/26/2016 9:00:00 PM 724500.000 71.129 16.833 160.225
38114.453 45158.480 30707.770 29.371 26.237
1.021
1/26/2016 9:15:00 PM 725400.000 71.131 16.824 160.230
38101.918 45152.672 30703.816 29.366 26.245
1.021
1/26/2016 9:30:00 PM 726300.000 71.144 16.823 160.258
38089.691 45139.438 30694.820 29.357 26.254
1.021
1/26/2016 9:45:00 PM 727200.000 71.145 16.835 160.261
38129.324 45174.125 30718.408 29.383 26.227
1.021
1/26/2016 10:00:00 PM 728100.000 71.142 16.833 160.254
38130.234 45177.711 30720.844 29.385 26.226
1.021
1/26/2016 10:15:00 PM 729000.000 71.126 16.829 160.217
38102.469 45148.574 30701.033 29.364 26.245
1.021
1/26/2016 10:30:00 PM 729900.000 71.142 16.828 160.255
38089.941 45134.355 30691.363 29.353 26.254
1.021
1/26/2016 10:45:00 PM 730800.000 71.130 16.823 160.228
38073.875 45120.422 30681.889 29.343 26.265
1.021
1/26/2016 11:00:00 PM 731700.000 71.146 16.828 160.263
38109.750 45157.930 30707.395 29.370 26.240
1.021
1/26/2016 11:15:00 PM 732600.000 71.129 16.830 160.225
38085.441 45127.418 30686.645 29.348 26.257
1.021
1/26/2016 11:30:00 PM 733500.000 71.145 16.832 160.261
38130.934 45179.340 30721.953 29.386 26.225
1.021
1/26/2016 11:45:00 PM 734400.000 71.148 16.831 160.268
38098.848 45142.492 30696.896 29.359 26.248
1.021
1/27/2016 12:00:00 AM 735300.000 71.151 16.834 160.274
38111.371 45153.828 30704.605 29.368 26.239
1.021
1/27/2016 12:15:00 AM 736200.000 71.135 16.838 160.239
38100.746 45137.844 30693.734 29.356 26.246
1.021
1/27/2016 12:30:00 AM 737100.000 71.158 16.832 160.291

38134.387 45182.902 30724.375 29.389 26.223
1.021
1/27/2016 12:45:00 AM 738000.000 71.160 16.833 160.295
38116.492 45161.066 30709.525 29.373 26.235
1.021
1/27/2016 1:00:00 AM 738900.000 71.162 16.829 160.300
38109.988 45157.938 30707.398 29.370 26.240
1.021
1/27/2016 1:15:00 AM 739800.000 71.165 16.834 160.306
38125.027 45169.922 30715.547 29.379 26.229
1.021
1/27/2016 1:30:00 AM 740700.000 71.168 16.844 160.312
38118.656 45152.063 30703.404 29.367 26.234
1.021
1/27/2016 1:45:00 AM 741600.000 71.176 16.818 160.331
38109.840 45168.699 30714.717 29.378 26.240
1.021
1/27/2016 2:00:00 AM 742500.000 71.164 16.817 160.303
38110.652 45170.113 30715.680 29.379 26.239
1.021
1/27/2016 2:15:00 AM 743400.000 71.178 16.823 160.335
38112.301 45165.957 30712.852 29.376 26.238
1.021
1/27/2016 2:30:00 AM 744300.000 71.185 16.819 160.352
38106.633 45163.555 30711.219 29.374 26.242
1.021
1/27/2016 2:45:00 AM 745200.000 71.188 16.826 160.357
38142.844 45199.289 30735.520 29.400 26.217
1.021
1/27/2016 3:00:00 AM 746100.000 71.187 16.833 160.356
38106.695 45149.367 30701.572 29.365 26.242
1.021
1/27/2016 3:15:00 AM 747000.000 71.173 16.829 160.324
38112.742 45161.023 30709.498 29.373 26.238
1.021
1/27/2016 3:30:00 AM 747900.000 71.189 16.827 160.359
38111.055 45160.637 30709.234 29.372 26.239
1.021
1/27/2016 3:45:00 AM 748800.000 71.177 16.820 160.334
38093.559 45146.898 30699.893 29.362 26.251
1.021
1/27/2016 4:00:00 AM 749700.000 71.183 16.825 160.347
38107.395 45158.621 30707.865 29.371 26.242
1.021
1/27/2016 4:15:00 AM 750600.000 71.200 16.843 160.385
38117.039 45151.949 30703.328 29.367 26.235
1.021
1/27/2016 4:30:00 AM 751500.000 71.198 16.829 160.381
38111.902 45160.207 30708.943 29.372 26.239
1.021
1/27/2016 4:45:00 AM 752400.000 71.184 16.821 160.349
38108.852 45164.125 30711.607 29.375 26.241
1.021
1/27/2016 5:00:00 AM 753300.000 71.201 16.823 160.388
38101.516 45153.176 30704.160 29.367 26.246

1.021
1/27/2016 5:15:00 AM 754200.000 71.204 16.831 160.394
38116.195 45163.320 30711.059 29.374 26.236
1.021
1/27/2016 5:30:00 AM 755100.000 71.205 16.822 160.395
38095.605 45147.434 30700.258 29.363 26.250
1.021
1/27/2016 5:45:00 AM 756000.000 71.183 16.820 160.347
38077.891 45128.688 30687.510 29.349 26.262
1.021
1/27/2016 6:00:00 AM 756900.000 71.184 16.821 160.348
38103.496 45157.777 30707.291 29.370 26.244
1.021
1/27/2016 6:15:00 AM 757800.000 71.198 16.822 160.381
38101.332 45154.852 30705.299 29.368 26.246
1.021
1/27/2016 6:30:00 AM 758700.000 71.186 16.822 160.352
38102.703 45156.121 30706.164 29.369 26.245
1.021
1/27/2016 6:45:00 AM 759600.000 71.197 16.826 160.379
38090.488 45137.152 30693.266 29.355 26.253
1.021
1/27/2016 7:00:00 AM 760500.000 71.183 16.828 160.347
38095.172 45141.363 30696.129 29.358 26.250
1.021
1/27/2016 7:15:00 AM 761400.000 71.195 16.838 160.375
38088.156 45122.656 30683.406 29.346 26.255
1.021
1/27/2016 7:30:00 AM 762300.000 71.201 16.827 160.387
38123.824 45175.770 30719.523 29.383 26.230
1.021
1/27/2016 7:45:00 AM 763200.000 71.196 16.824 160.377
38099.793 45150.246 30702.170 29.365 26.247
1.021
1/27/2016 8:00:00 AM 764100.000 71.193 16.834 160.369
38136.539 45183.477 30724.766 29.389 26.222
1.021
1/27/2016 8:15:00 AM 765000.000 71.189 16.830 160.359
38127.680 45177.281 30720.553 29.385 26.228
1.021
1/27/2016 8:30:00 AM 765900.000 71.178 16.819 160.336
38121.148 45180.680 30722.863 29.386 26.232
1.021
1/27/2016 8:45:00 AM 766800.000 71.197 16.826 160.379
38096.641 45145.172 30698.719 29.361 26.249
1.021
1/27/2016 9:00:00 AM 767700.000 71.173 16.831 160.325
38116.492 45163.398 30711.113 29.375 26.235
1.021
1/27/2016 9:15:00 AM 768600.000 71.198 16.825 160.381
38120.371 45174.281 30718.514 29.382 26.233
1.021
1/27/2016 9:30:00 AM 769500.000 71.191 16.825 160.365
38109.352 45161.301 30709.686 29.373 26.240

1.021
1/27/2016 9:45:00 AM 770400.000 71.178 16.829 160.336
38103.773 45150.660 30702.449 29.365 26.244
1.021
1/27/2016 10:00:00 AM 771300.000 71.203 16.825 160.391
38126.547 45181.680 30723.545 29.387 26.228
1.021
1/27/2016 10:15:00 AM 772200.000 71.197 16.827 160.379
38077.066 45120.086 30681.660 29.343 26.263
1.021
1/27/2016 10:30:00 AM 773100.000 71.202 16.827 160.389
38089.555 45135.066 30691.848 29.354 26.254
1.021
1/27/2016 10:45:00 AM 774000.000 71.186 16.819 160.354
38092.473 45147.223 30700.113 29.362 26.252
1.021
1/27/2016 11:00:00 AM 774900.000 71.190 16.834 160.362
38120.895 45165.652 30712.646 29.376 26.232
1.021
1/27/2016 11:15:00 AM 775800.000 71.209 16.827 160.406
38117.039 45167.984 30714.232 29.378 26.235
1.021
1/27/2016 11:30:00 AM 776700.000 71.213 16.818 160.414
38104.895 45162.836 30710.730 29.373 26.243
1.021
1/27/2016 11:45:00 AM 777600.000 71.196 16.822 160.375
38108.320 45163.035 30710.865 29.374 26.241
1.021
1/27/2016 12:00:00 PM 778500.000 71.215 16.829 160.418
38113.168 45161.254 30709.654 29.373 26.238
1.021
1/27/2016 12:15:00 PM 779400.000 71.220 16.824 160.430
38115.969 45170.137 30715.695 29.379 26.236
1.021
1/27/2016 12:30:00 PM 780300.000 71.222 16.827 160.435
38096.051 45143.301 30697.447 29.360 26.249
1.021
1/27/2016 12:45:00 PM 781200.000 71.210 16.821 160.407
38092.906 45145.586 30699.000 29.361 26.252
1.021
1/27/2016 1:00:00 PM 782100.000 71.210 16.825 160.408
38091.098 45138.867 30694.432 29.357 26.253
1.021
1/27/2016 1:15:00 PM 783000.000 71.229 16.829 160.450
38110.723 45158.176 30707.561 29.371 26.239
1.021
1/27/2016 1:30:00 PM 783900.000 71.235 16.834 160.465
38110.723 45153.516 30704.391 29.368 26.239
1.021
1/27/2016 1:45:00 PM 784800.000 71.233 16.826 160.460
38099.328 45147.809 30700.512 29.363 26.247
1.021
1/27/2016 2:00:00 PM 785700.000 71.233 16.828 160.459
38135.336 45188.871 30728.436 29.393 26.222
1.021

1/27/2016 2:15:00 PM	786600.000	71.222	16.833	160.434
38130.234	45177.000	30720.361	29.385	26.226
1.021				
1/27/2016 2:30:00 PM	787500.000	71.238	16.833	160.471
38102.957	45145.313	30698.814	29.362	26.245
1.021				
1/27/2016 2:45:00 PM	788400.000	71.222	16.822	160.435
38078.141	45126.828	30686.244	29.348	26.262
1.021				
1/27/2016 3:00:00 PM	789300.000	71.236	16.823	160.466
38084.305	45133.152	30690.545	29.352	26.258
1.021				
1/27/2016 3:15:00 PM	790200.000	71.242	16.820	160.480
38093.695	45147.504	30700.305	29.362	26.251
1.021				
1/27/2016 3:30:00 PM	791100.000	71.238	16.818	160.470
38098.344	45155.258	30705.578	29.368	26.248
1.021				
1/27/2016 3:45:00 PM	792000.000	71.236	16.827	160.467
38096.105	45142.648	30697.004	29.359	26.249
1.021				
1/27/2016 4:00:00 PM	792900.000	71.236	16.826	160.467
38146.020	45203.328	30738.266	29.403	26.215
1.021				
1/27/2016 4:15:00 PM	793800.000	71.219	16.823	160.429
38086.305	45135.875	30692.396	29.354	26.256
1.021				
1/27/2016 4:30:00 PM	794700.000	71.238	16.830	160.472
38097.227	45141.656	30696.328	29.359	26.249
1.021				
1/27/2016 4:45:00 PM	795600.000	71.217	16.817	160.423
38075.883	45129.805	30688.270	29.349	26.263
1.021				
1/27/2016 5:00:00 PM	796500.000	71.227	16.817	160.445
38104.824	45163.922	30711.467	29.374	26.243
1.021				
1/27/2016 5:15:00 PM	797400.000	71.207	16.825	160.401
38122.961	45176.898	30720.293	29.384	26.231
1.021				
1/27/2016 5:30:00 PM	798300.000	71.219	16.830	160.427
38104.113	45149.715	30701.809	29.365	26.244
1.021				
1/27/2016 5:45:00 PM	799200.000	71.199	16.831	160.384
38091.750	45133.824	30691.002	29.353	26.252
1.021				
1/27/2016 6:00:00 PM	800100.000	71.215	16.827	160.419
38094.387	45140.789	30695.738	29.358	26.251
1.021				
1/27/2016 6:15:00 PM	801000.000	71.195	16.822	160.373
38098.992	45151.809	30703.232	29.366	26.247
1.021				
1/27/2016 6:30:00 PM	801900.000	71.195	16.826	160.374
38115.398	45166.945	30713.525	29.377	26.236
1.021				

1/27/2016 6:45:00 PM	802800.000	71.186	16.827	160.354
38122.711	45174.629	30718.750	29.382	26.231
1.021				
1/27/2016 7:00:00 PM	803700.000	71.196	16.830	160.377
38107.836	45153.492	30704.377	29.367	26.241
1.021				
1/27/2016 7:15:00 PM	804600.000	71.178	16.832	160.335
38108.910	45153.527	30704.398	29.367	26.241
1.021				
1/27/2016 7:30:00 PM	805500.000	71.191	16.825	160.365
38096.031	45145.344	30698.836	29.361	26.249
1.021				
1/27/2016 7:45:00 PM	806400.000	71.166	16.819	160.309
38120.746	45180.734	30722.902	29.386	26.232
1.021				
1/27/2016 8:00:00 PM	807300.000	71.165	16.823	160.305
38078.902	45126.566	30686.068	29.348	26.261
1.021				
1/27/2016 8:15:00 PM	808200.000	71.164	16.825	160.304
38088.703	45136.926	30693.111	29.355	26.255
1.021				
1/27/2016 8:30:00 PM	809100.000	71.161	16.825	160.297
38087.563	45135.121	30691.885	29.354	26.255
1.021				
1/27/2016 8:45:00 PM	810000.000	71.154	16.824	160.282
38108.340	45161.004	30709.484	29.372	26.241
1.021				
1/27/2016 9:00:00 PM	810900.000	71.172	16.820	160.323
38083.879	45136.234	30692.643	29.354	26.258
1.021				
1/27/2016 9:15:00 PM	811800.000	71.151	16.819	160.275
38102.551	45159.441	30708.422	29.371	26.245
1.021				
1/27/2016 9:30:00 PM	812700.000	71.149	16.826	160.269
38117.188	45168.715	30714.727	29.378	26.235
1.021				
1/27/2016 9:45:00 PM	813600.000	71.145	16.831	160.261
38101.117	45144.922	30698.549	29.361	26.246
1.021				
1/27/2016 10:00:00 PM	814500.000	71.143	16.827	160.258
38107.496	45156.508	30706.426	29.369	26.242
1.021				
1/27/2016 10:15:00 PM	815400.000	71.141	16.826	160.253
38089.352	45136.078	30692.535	29.355	26.254
1.021				
1/27/2016 10:30:00 PM	816300.000	71.156	16.836	160.287
38091.004	45127.563	30686.742	29.349	26.253
1.021				
1/27/2016 10:45:00 PM	817200.000	71.139	16.824	160.248
38114.320	45168.094	30714.307	29.378	26.237
1.021				
1/27/2016 11:00:00 PM	818100.000	71.162	16.824	160.300
38115.168	45168.648	30714.684	29.378	26.236
1.021				
1/27/2016 11:15:00 PM	819000.000	71.158	16.814	160.291

38110.258	45172.781	30717.492	29.380	26.240	1.021	
1/27/2016 11:30:00 PM	819900.000	71.161	16.828	160.297	38098.992	45145.992
30699.275	29.362	26.247	1.021			
1/27/2016 11:45:00 PM	820800.000	71.148	16.831	160.267	38099.242	45142.516
30696.910	29.359	26.247	1.021			

Report Date: 2/1/2016 10:40:05 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_2016-01-28_09-01-47-631-BaroMerge.wsl
Create Date: 2/1/2016 10:37:01 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
2/1/2016 10:37:01 AM	User Note: "Pressure & Level adjusted by baro data from: "MPWSP BaroTroll Pre Test_2016-01-28_14-47-48-317.wsl""

Log Data:
Record Count: 949
Sensors: 2
1 - 428901: PCTD 100 PSIA (60.1m/197.3ft)
2 - 0: Baro-Adjustment Calc
Time Zone: Pacific Standard Time

		Sensor: PCTD(A) 197.3ft	Sensor: PCTD(A) 197.3ft	Sensor: PCTD(A) 197.3ft	Sensor: PCTD(A) 197.3ft	Sensor: PCTD(A) 197.3ft	Sensor: PCTD(A) 197.3ft	Sensor: PCTD(A) 197.3ft	Sensor: PCTD(A) 197.3ft	Sensor: PCTD(A) 197.3ft	Sensor: PCTD(A) 197.3ft	Sensor: Baro-Adj Calc
		SN#: 428901	SN#: 428901	SN#: 428901	SN#: 428901	SN#: 428901	SN#: 428901	SN#: 428901	SN#: 428901	SN#: 428901	SN#: 428901	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)	
1/21/2016 12:00:00 AM	216900.000	26.412	16.874	60.202	4618.662	5467.218	2.979	3717.708	216.513	1.001	14.838	
1/21/2016 12:15:00 AM	217800.000	26.414	16.874	60.205	4618.617	5467.144	2.979	3717.658	216.515	1.001	14.831	
1/21/2016 12:30:00 AM	218700.000	26.408	16.874	60.192	4618.727	5467.274	2.979	3717.747	216.510	1.001	14.830	
1/21/2016 12:45:00 AM	219600.000	26.420	16.874	60.220	4618.792	5467.395	2.979	3717.829	216.507	1.001	14.827	
1/21/2016 1:00:00 AM	220500.000	26.414	16.874	60.206	4619.378	5468.045	2.979	3718.271	216.479	1.001	14.827	

1/21/2016 1:15:00 AM	221400.000	26.416	16.873	60.210	4620.481	5469.447	2.980
3719.224	216.428	1.001	14.824				
1/21/2016 1:30:00 AM	222300.000	26.418	16.874	60.214	4620.324	5469.186	2.980
3719.047	216.435	1.001	14.820				
1/21/2016 1:45:00 AM	223200.000	26.414	16.873	60.205	4621.702	5470.903	2.981
3720.214	216.370	1.001	14.822				
1/21/2016 2:00:00 AM	224100.000	26.416	16.873	60.210	4621.404	5470.518	2.980
3719.952	216.384	1.001	14.819				
1/21/2016 2:15:00 AM	225000.000	26.409	16.873	60.194	4622.133	5471.402	2.981
3720.553	216.350	1.001	14.825				
1/21/2016 2:30:00 AM	225900.000	26.418	16.873	60.215	4622.962	5472.383	2.982
3721.221	216.312	1.001	14.825				
1/21/2016 2:45:00 AM	226800.000	26.406	16.873	60.188	4623.367	5472.907	2.982
3721.577	216.293	1.001	14.827				
1/21/2016 3:00:00 AM	227700.000	26.422	16.873	60.223	4623.840	5473.478	2.982
3721.965	216.270	1.001	14.817				
1/21/2016 3:15:00 AM	228600.000	26.426	16.874	60.234	4624.396	5474.027	2.983
3722.339	216.244	1.001	14.815				
1/21/2016 3:30:00 AM	229500.000	26.412	16.873	60.201	4624.175	5473.863	2.982
3722.227	216.255	1.001	14.824				
1/21/2016 3:45:00 AM	230400.000	26.407	16.874	60.190	4623.988	5473.566	2.982
3722.025	216.264	1.001	14.817				
1/21/2016 4:00:00 AM	231300.000	26.423	16.873	60.225	4622.869	5472.372	2.982
3721.213	216.316	1.001	14.820				
1/21/2016 4:15:00 AM	232200.000	26.410	16.873	60.196	4622.640	5471.991	2.981
3720.954	216.327	1.001	14.816				
1/21/2016 4:30:00 AM	233100.000	26.428	16.873	60.237	4623.159	5472.649	2.982
3721.402	216.302	1.001	14.814				
1/21/2016 4:45:00 AM	234000.000	26.416	16.873	60.211	4622.979	5472.393	2.982
3721.227	216.311	1.001	14.815				
1/21/2016 5:00:00 AM	234900.000	26.415	16.873	60.208	4623.479	5473.017	2.982
3721.652	216.287	1.001	14.812				
1/21/2016 5:15:00 AM	235800.000	26.420	16.873	60.220	4622.599	5471.954	2.981
3720.929	216.329	1.001	14.807				
1/21/2016 5:30:00 AM	236700.000	26.419	16.873	60.216	4623.326	5472.879	2.982
3721.558	216.295	1.001	14.810				

1/21/2016 5:45:00 AM 237600.000 26.413 16.873 60.203
4623.455 5473.053 2.982 3721.676 216.288
1.001 14.808
1/21/2016 6:00:00 AM 238500.000 26.421 16.872 60.222
4623.508 5473.138 2.982 3721.734 216.286
1.001 14.803
1/21/2016 6:15:00 AM 239400.000 26.430 16.872 60.242
4624.134 5473.878 2.982 3722.238 216.257
1.001 14.797
1/21/2016 6:30:00 AM 240300.000 26.426 16.873 60.233
4625.400 5475.280 2.983 3723.190 216.198
1.001 14.802
1/21/2016 6:45:00 AM 241200.000 26.423 16.873 60.225
4625.182 5475.110 2.983 3723.075 216.208
1.001 14.804
1/21/2016 7:00:00 AM 242100.000 26.422 16.872 60.223
4625.283 5475.251 2.983 3723.171 216.203
1.001 14.801
1/21/2016 7:15:00 AM 243000.000 26.421 16.872 60.221
4626.297 5476.439 2.984 3723.979 216.156
1.001 14.803
1/21/2016 7:30:00 AM 243900.000 26.420 16.873 60.218
4626.021 5476.049 2.984 3723.713 216.168
1.001 14.809
1/21/2016 7:45:00 AM 244800.000 26.415 16.872 60.207
4625.839 5475.952 2.984 3723.647 216.177
1.001 14.812
1/21/2016 8:00:00 AM 245700.000 26.412 16.873 60.201
4626.101 5476.165 2.984 3723.792 216.165
1.001 14.812
1/21/2016 8:15:00 AM 246600.000 26.425 16.873 60.231
4625.612 5475.619 2.983 3723.421 216.188
1.001 14.802
1/21/2016 8:30:00 AM 247500.000 26.420 16.873 60.220
4624.619 5474.323 2.983 3722.540 216.234
1.001 14.812
1/21/2016 8:45:00 AM 248400.000 26.416 16.873 60.209
4624.165 5473.894 2.982 3722.248 216.255
1.001 14.808
1/21/2016 9:00:00 AM 249300.000 26.424 16.872 60.229
4623.735 5473.451 2.982 3721.947 216.275
1.001 14.808
1/21/2016 9:15:00 AM 250200.000 26.425 16.873 60.230
4624.523 5474.330 2.983 3722.545 216.239
1.001 14.807
1/21/2016 9:30:00 AM 251100.000 26.413 16.873 60.203
4623.995 5473.705 2.982 3722.120 216.263
1.001 14.815
1/21/2016 9:45:00 AM 252000.000 26.428 16.872 60.237
4623.938 5473.702 2.982 3722.117 216.266
1.001 14.809
1/21/2016 10:00:00 AM 252900.000 26.433 16.872 60.249
4624.732 5474.684 2.983 3722.785 216.229
1.001 14.806

1/21/2016 10:15:00 AM	253800.000	26.429	16.871	60.239	4624.090	5473.947	2.982
3722.284	216.259	1.001	14.809				
1/21/2016 10:30:00 AM	254700.000	26.421	16.872	60.222	4624.234	5474.052	2.983
3722.355	216.252	1.001	14.811				
1/21/2016 10:45:00 AM	255600.000	26.431	16.872	60.245	4623.810	5473.561	2.982
3722.021	216.272	1.001	14.801				
1/21/2016 11:00:00 AM	256500.000	26.418	16.871	60.214	4623.940	5473.792	2.982
3722.179	216.266	1.001	14.810				
1/21/2016 11:15:00 AM	257400.000	26.424	16.871	60.228	4623.708	5473.526	2.982
3721.998	216.277	1.001	14.814				
1/21/2016 11:30:00 AM	258300.000	26.419	16.872	60.217	4624.201	5474.034	2.983
3722.344	216.254	1.001	14.810				
1/21/2016 11:45:00 AM	259200.000	26.432	16.872	60.247	4623.995	5473.812	2.982
3722.192	216.263	1.001	14.795				
1/21/2016 12:00:00 PM	260100.000	26.433	16.871	60.249	4624.739	5474.725	2.983
3722.813	216.228	1.001	14.793				
1/21/2016 12:15:00 PM	261000.000	26.441	16.872	60.267	4624.834	5474.795	2.983
3722.861	216.224	1.001	14.789				
1/21/2016 12:30:00 PM	261900.000	26.436	16.872	60.257	4625.173	5475.206	2.983
3723.140	216.208	1.001	14.790				
1/21/2016 12:45:00 PM	262800.000	26.430	16.871	60.243	4625.365	5475.456	2.983
3723.310	216.199	1.001	14.793				
1/21/2016 1:00:00 PM	263700.000	26.429	16.871	60.241	4626.444	5476.776	2.984
3724.208	216.149	1.001	14.791				
1/21/2016 1:15:00 PM	264600.000	26.429	16.871	60.240	4626.742	5477.096	2.984
3724.426	216.135	1.001	14.788				
1/21/2016 1:30:00 PM	265500.000	26.433	16.872	60.248	4627.609	5478.089	2.985
3725.101	216.094	1.001	14.787				
1/21/2016 1:45:00 PM	266400.000	26.434	16.871	60.252	4627.630	5478.247	2.985
3725.208	216.093	1.001	14.777				
1/21/2016 2:00:00 PM	267300.000	26.429	16.871	60.240	4628.429	5479.148	2.985
3725.821	216.056	1.001	14.778				
1/21/2016 2:15:00 PM	268200.000	26.433	16.871	60.249	4628.579	5479.292	2.986
3725.919	216.049	1.001	14.778				
1/21/2016 2:30:00 PM	269100.000	26.438	16.871	60.260	4628.618	5479.415	2.986
3726.002	216.047	1.001	14.768				

1/21/2016 2:45:00 PM	270000.000	26.442	16.871	60.270
4629.735	5480.706	2.986	3726.880	215.995
1.001	14.763			
1/21/2016 3:00:00 PM	270900.000	26.441	16.871	60.267
4630.058	5481.132	2.987	3727.170	215.980
1.001	14.765			
1/21/2016 3:15:00 PM	271800.000	26.429	16.871	60.240
4630.303	5481.378	2.987	3727.338	215.969
1.001	14.770			
1/21/2016 3:30:00 PM	272700.000	26.433	16.871	60.249
4630.753	5481.943	2.987	3727.722	215.948
1.001	14.760			
1/21/2016 3:45:00 PM	273600.000	26.436	16.871	60.256
4632.334	5483.804	2.988	3728.987	215.874
1.001	14.765			
1/21/2016 4:00:00 PM	274500.000	26.440	16.871	60.264
4631.739	5483.122	2.988	3728.523	215.902
1.001	14.757			
1/21/2016 4:15:00 PM	275400.000	26.429	16.871	60.239
4632.034	5483.394	2.988	3728.708	215.888
1.001	14.761			
1/21/2016 4:30:00 PM	276300.000	26.438	16.871	60.260
4631.709	5483.009	2.988	3728.447	215.903
1.001	14.751			
1/21/2016 4:45:00 PM	277200.000	26.440	16.871	60.265
4630.563	5481.708	2.987	3727.561	215.956
1.001	14.751			
1/21/2016 5:00:00 PM	278100.000	26.438	16.871	60.261
4630.961	5482.123	2.987	3727.844	215.938
1.001	14.748			
1/21/2016 5:15:00 PM	279000.000	26.436	16.871	60.257
4631.060	5482.251	2.987	3727.931	215.933
1.001	14.750			
1/21/2016 5:30:00 PM	279900.000	26.440	16.871	60.265
4630.636	5481.794	2.987	3727.621	215.953
1.001	14.746			
1/21/2016 5:45:00 PM	280800.000	26.436	16.871	60.255
4631.328	5482.547	2.987	3728.133	215.921
1.001	14.751			
1/21/2016 6:00:00 PM	281700.000	26.441	16.871	60.268
4631.839	5483.240	2.988	3728.604	215.897
1.001	14.747			
1/21/2016 6:15:00 PM	282600.000	26.436	16.871	60.256
4632.292	5483.742	2.988	3728.945	215.876
1.001	14.752			
1/21/2016 6:30:00 PM	283500.000	26.436	16.870	60.255
4631.879	5483.352	2.988	3728.680	215.895
1.001	14.753			
1/21/2016 6:45:00 PM	284400.000	26.432	16.871	60.247
4631.717	5483.052	2.988	3728.476	215.903
1.001	14.752			
1/21/2016 7:00:00 PM	285300.000	26.434	16.871	60.250
4630.714	5481.865	2.987	3727.668	215.949
1.001	14.755			

1/21/2016 7:15:00 PM	286200.000	26.425	16.870	60.231	4629.940	5481.023
2.987	3727.096	215.986	1.001	14.760		
1/21/2016 7:30:00 PM	287100.000	26.431	16.872	60.244	4628.633	5479.281
2.986	3725.911	216.047	1.001	14.758		
1/21/2016 7:45:00 PM	288000.000	26.440	16.871	60.265	4627.267	5477.739
2.985	3724.863	216.110	1.001	14.758		
1/21/2016 8:00:00 PM	288900.000	26.436	16.872	60.256	4626.196	5476.417
2.984	3723.964	216.160	1.001	14.766		
1/21/2016 8:15:00 PM	289800.000	26.437	16.872	60.258	4625.803	5475.931
2.984	3723.633	216.179	1.001	14.766		
1/21/2016 8:30:00 PM	290700.000	26.429	16.872	60.241	4625.798	5475.937
2.984	3723.637	216.179	1.001	14.767		
1/21/2016 8:45:00 PM	291600.000	26.438	16.872	60.261	4625.432	5475.470
2.983	3723.320	216.196	1.001	14.763		
1/21/2016 9:00:00 PM	292500.000	26.437	16.872	60.257	4623.093	5472.646
2.982	3721.400	216.305	1.001	14.760		
1/21/2016 9:15:00 PM	293400.000	26.439	16.873	60.262	4621.716	5470.953
2.981	3720.248	216.370	1.001	14.763		
1/21/2016 9:30:00 PM	294300.000	26.433	16.873	60.248	4621.633	5470.887
2.981	3720.204	216.374	1.001	14.773		
1/21/2016 9:45:00 PM	295200.000	26.435	16.872	60.254	4620.932	5470.154
2.980	3719.705	216.407	1.001	14.768		
1/21/2016 10:00:00 PM	296100.000	26.437	16.872	60.258	4621.179	5470.381
2.980	3719.859	216.395	1.001	14.772		
1/21/2016 10:15:00 PM	297000.000	26.440	16.873	60.265	4621.212	5470.389
2.980	3719.865	216.393	1.001	14.770		
1/21/2016 10:30:00 PM	297900.000	26.436	16.873	60.256	4621.870	5471.177
2.981	3720.400	216.363	1.001	14.767		
1/21/2016 10:45:00 PM	298800.000	26.433	16.873	60.249	4621.521	5470.777
2.981	3720.128	216.379	1.001	14.769		
1/21/2016 11:00:00 PM	299700.000	26.440	16.872	60.265	4620.756	5469.880
2.980	3719.519	216.415	1.001	14.765		
1/21/2016 11:15:00 PM	300600.000	26.435	16.872	60.254	4621.216	5470.469
2.980	3719.919	216.393	1.001	14.769		
1/21/2016 11:30:00 PM	301500.000	26.444	16.873	60.273	4620.610	5469.686
2.980	3719.386	216.422	1.001	14.766		

1/21/2016 11:45:00 PM 302400.000 26.437 16.873 60.258
4620.440 5469.475 2.980 3719.243 216.430
1.001 14.769
1/22/2016 12:00:00 AM 303300.000 26.435 16.872 60.254
4620.271 5469.382 2.980 3719.180 216.438
1.001 14.768
1/22/2016 12:15:00 AM 304200.000 26.438 16.873 60.261
4620.417 5469.437 2.980 3719.218 216.431
1.001 14.765
1/22/2016 12:30:00 AM 305100.000 26.436 16.872 60.255
4621.351 5470.606 2.981 3720.013 216.387
1.001 14.766
1/22/2016 12:45:00 AM 306000.000 26.437 16.872 60.257
4622.092 5471.495 2.981 3720.617 216.352
1.001 14.774
1/22/2016 1:00:00 AM 306900.000 26.440 16.872 60.265
4622.062 5471.425 2.981 3720.570 216.354
1.001 14.772
1/22/2016 1:15:00 AM 307800.000 26.439 16.873 60.263
4621.317 5470.458 2.980 3719.911 216.389
1.001 14.777
1/22/2016 1:30:00 AM 308700.000 26.428 16.872 60.237
4621.604 5470.928 2.981 3720.231 216.375
1.001 14.778
1/22/2016 1:45:00 AM 309600.000 26.434 16.872 60.252
4622.261 5471.673 2.981 3720.738 216.344
1.001 14.773
1/22/2016 2:00:00 AM 310500.000 26.439 16.872 60.262
4621.669 5471.006 2.981 3720.285 216.372
1.001 14.763
1/22/2016 2:15:00 AM 311400.000 26.449 16.872 60.285
4620.822 5470.003 2.980 3719.603 216.412
1.001 14.745
1/22/2016 2:30:00 AM 312300.000 26.447 16.873 60.281
4621.333 5470.510 2.980 3719.947 216.388
1.001 14.753
1/22/2016 2:45:00 AM 313200.000 26.457 16.872 60.304
4621.178 5470.402 2.980 3719.874 216.395
1.001 14.741
1/22/2016 3:00:00 AM 314100.000 26.437 16.872 60.257
4622.336 5471.763 2.981 3720.799 216.341
1.001 14.747
1/22/2016 3:15:00 AM 315000.000 26.450 16.872 60.289
4622.099 5471.525 2.981 3720.637 216.352
1.001 14.741
1/22/2016 3:30:00 AM 315900.000 26.439 16.872 60.262
4623.612 5473.306 2.982 3721.848 216.281
1.001 14.746
1/22/2016 3:45:00 AM 316800.000 26.441 16.871 60.266
4624.152 5474.020 2.983 3722.334 216.256
1.001 14.743
1/22/2016 4:00:00 AM 317700.000 26.440 16.872 60.264
4624.844 5474.785 2.983 3722.854 216.224
1.001 14.747

1/22/2016 4:15:00 AM	318600.000	26.440	16.871	60.266	4626.803	5477.181	2.984
3724.483	216.132	1.001	14.747				
1/22/2016 4:30:00 AM	319500.000	26.441	16.872	60.268	4627.829	5478.363	2.985
3725.287	216.084	1.001	14.748				
1/22/2016 4:45:00 AM	320400.000	26.444	16.872	60.274	4627.668	5478.160	2.985
3725.149	216.092	1.001	14.738				
1/22/2016 5:00:00 AM	321300.000	26.447	16.872	60.280	4627.198	5477.583	2.985
3724.756	216.113	1.001	14.741				
1/22/2016 5:15:00 AM	322200.000	26.449	16.872	60.287	4626.230	5476.416	2.984
3723.963	216.159	1.001	14.740				
1/22/2016 5:30:00 AM	323100.000	26.447	16.872	60.282	4627.026	5477.390	2.984
3724.625	216.122	1.001	14.742				
1/22/2016 5:45:00 AM	324000.000	26.450	16.872	60.287	4626.032	5476.202	2.984
3723.818	216.168	1.001	14.744				
1/22/2016 6:00:00 AM	324900.000	26.448	16.872	60.282	4626.683	5476.919	2.984
3724.305	216.138	1.001	14.746				
1/22/2016 6:15:00 AM	325800.000	26.446	16.872	60.278	4626.164	5476.293	2.984
3723.880	216.162	1.001	14.746				
1/22/2016 6:30:00 AM	326700.000	26.445	16.872	60.275	4626.432	5476.611	2.984
3724.096	216.149	1.001	14.748				
1/22/2016 6:45:00 AM	327600.000	26.445	16.872	60.276	4625.363	5475.333	2.983
3723.227	216.199	1.001	14.747				
1/22/2016 7:00:00 AM	328500.000	26.443	16.872	60.271	4625.390	5475.462	2.983
3723.314	216.198	1.001	14.747				
1/22/2016 7:15:00 AM	329400.000	26.449	16.872	60.286	4624.457	5474.327	2.983
3722.543	216.242	1.001	14.752				
1/22/2016 7:30:00 AM	330300.000	26.445	16.872	60.277	4624.117	5473.892	2.982
3722.247	216.257	1.001	14.750				
1/22/2016 7:45:00 AM	331200.000	26.433	16.872	60.250	4624.035	5473.828	2.982
3722.203	216.261	1.001	14.755				
1/22/2016 8:00:00 AM	332100.000	26.441	16.872	60.267	4624.235	5474.031	2.983
3722.342	216.252	1.001	14.758				
1/22/2016 8:15:00 AM	333000.000	26.441	16.871	60.267	4624.417	5474.334	2.983
3722.548	216.243	1.001	14.759				
1/22/2016 8:30:00 AM	333900.000	26.446	16.873	60.278	4623.949	5473.650	2.982
3722.082	216.265	1.001	14.759				

1/22/2016 8:45:00 AM 334800.000 26.449 16.872 60.285
4623.535 5473.225 2.982 3721.793 216.285
1.001 14.755
1/22/2016 9:00:00 AM 335700.000 26.452 16.872 60.292
4623.242 5472.855 2.982 3721.542 216.298
1.001 14.751
1/22/2016 9:15:00 AM 336600.000 26.447 16.872 60.280
4622.721 5472.229 2.981 3721.116 216.323
1.001 14.761
1/22/2016 9:30:00 AM 337500.000 26.447 16.872 60.280
4622.682 5472.205 2.981 3721.099 216.325
1.001 14.755
1/22/2016 9:45:00 AM 338400.000 26.430 16.872 60.242
4623.020 5472.560 2.982 3721.341 216.309
1.001 14.762
1/22/2016 10:00:00 AM 339300.000 26.450 16.873 60.287
4623.742 5473.406 2.982 3721.916 216.275
1.001 14.759
1/22/2016 10:15:00 AM 340200.000 26.448 16.872 60.282
4622.499 5472.009 2.981 3720.966 216.333
1.001 14.756
1/22/2016 10:30:00 AM 341100.000 26.447 16.872 60.280
4623.403 5473.102 2.982 3721.709 216.291
1.001 14.748
1/22/2016 10:45:00 AM 342000.000 26.455 16.872 60.300
4623.316 5472.923 2.982 3721.588 216.295
1.001 14.746
1/22/2016 11:00:00 AM 342900.000 26.444 16.872 60.273
4622.533 5471.983 2.981 3720.949 216.332
1.001 14.749
1/22/2016 11:15:00 AM 343800.000 26.442 16.872 60.269
4623.053 5472.632 2.982 3721.390 216.307
1.001 14.756
1/22/2016 11:30:00 AM 344700.000 26.450 16.872 60.287
4623.200 5472.839 2.982 3721.531 216.300
1.001 14.745
1/22/2016 11:45:00 AM 345600.000 26.443 16.872 60.272
4624.746 5474.658 2.983 3722.768 216.228
1.001 14.739
1/22/2016 12:00:00 PM 346500.000 26.452 16.872 60.293
4624.700 5474.548 2.983 3722.693 216.230
1.001 14.736
1/22/2016 12:15:00 PM 347400.000 26.453 16.872 60.295
4625.241 5475.234 2.983 3723.159 216.205
1.001 14.736
1/22/2016 12:30:00 PM 348300.000 26.455 16.872 60.299
4625.451 5475.492 2.983 3723.335 216.195
1.001 14.736
1/22/2016 12:45:00 PM 349200.000 26.462 16.871 60.316
4625.415 5475.547 2.983 3723.372 216.197
1.001 14.718
1/22/2016 1:00:00 PM 350100.000 26.453 16.872 60.294
4626.980 5477.314 2.984 3724.574 216.124
1.001 14.731

1/22/2016 1:15:00 PM	351000.000	26.451	16.871	60.290
4627.255	5477.694	2.985	3724.832	216.111
1.001	14.732			
1/22/2016 1:30:00 PM	351900.000	26.455	16.872	60.300
4628.603	5479.256	2.986	3725.895	216.048
1.001	14.717			
1/22/2016 1:45:00 PM	352800.000	26.447	16.871	60.282
4629.528	5480.417	2.986	3726.684	216.005
1.001	14.716			
1/22/2016 2:00:00 PM	353700.000	26.462	16.871	60.316
4629.321	5480.193	2.986	3726.531	216.014
1.001	14.715			
1/22/2016 2:15:00 PM	354600.000	26.455	16.871	60.298
4630.982	5482.204	2.987	3727.899	215.937
1.001	14.722			
1/22/2016 2:30:00 PM	355500.000	26.456	16.871	60.301
4630.721	5481.839	2.987	3727.651	215.949
1.001	14.720			
1/22/2016 2:45:00 PM	356400.000	26.467	16.871	60.326
4631.104	5482.336	2.987	3727.989	215.931
1.001	14.715			
1/22/2016 3:00:00 PM	357300.000	26.456	16.871	60.302
4631.821	5483.130	2.988	3728.529	215.898
1.001	14.716			
1/22/2016 3:15:00 PM	358200.000	26.447	16.871	60.281
4631.284	5482.495	2.987	3728.097	215.923
1.001	14.714			
1/22/2016 3:30:00 PM	359100.000	26.458	16.871	60.305
4630.671	5481.836	2.987	3727.648	215.951
1.001	14.713			
1/22/2016 3:45:00 PM	360000.000	26.460	16.871	60.310
4630.203	5481.206	2.987	3727.220	215.973
1.001	14.714			
1/22/2016 4:00:00 PM	360900.000	26.451	16.871	60.290
4629.912	5480.861	2.986	3726.986	215.987
1.001	14.723			
1/22/2016 4:15:00 PM	361800.000	26.459	16.871	60.309
4629.783	5480.696	2.986	3726.873	215.993
1.001	14.720			
1/22/2016 4:30:00 PM	362700.000	26.456	16.871	60.302
4630.078	5481.067	2.987	3727.126	215.979
1.001	14.714			
1/22/2016 4:45:00 PM	363600.000	26.456	16.871	60.302
4630.164	5481.147	2.987	3727.180	215.975
1.001	14.723			
1/22/2016 5:00:00 PM	364500.000	26.464	16.872	60.320
4629.657	5480.527	2.986	3726.759	215.999
1.001	14.719			
1/22/2016 5:15:00 PM	365400.000	26.457	16.871	60.304
4629.781	5480.726	2.986	3726.894	215.993
1.001	14.722			
1/22/2016 5:30:00 PM	366300.000	26.467	16.871	60.326
4629.457	5480.354	2.986	3726.640	216.008
1.001	14.719			

1/22/2016 5:45:00 PM	367200.000	26.457	16.872	60.303	4629.352	5480.166
2.986	3726.513	216.013	1.001	14.727		
1/22/2016 6:00:00 PM	368100.000	26.465	16.871	60.323	4629.838	5480.816
2.986	3726.955	215.990	1.001	14.720		
1/22/2016 6:15:00 PM	369000.000	26.460	16.871	60.310	4630.020	5481.065
2.987	3727.125	215.982	1.001	14.727		
1/22/2016 6:30:00 PM	369900.000	26.463	16.871	60.317	4629.918	5480.933
2.987	3727.035	215.987	1.001	14.728		
1/22/2016 6:45:00 PM	370800.000	26.473	16.871	60.341	4631.127	5482.364
2.987	3728.008	215.930	1.001	14.725		
1/22/2016 7:00:00 PM	371700.000	26.460	16.871	60.310	4631.687	5482.994
2.988	3728.436	215.904	1.001	14.726		
1/22/2016 7:15:00 PM	372600.000	26.465	16.871	60.321	4632.214	5483.640
2.988	3728.875	215.880	1.001	14.731		
1/22/2016 7:30:00 PM	373500.000	26.470	16.871	60.332	4632.176	5483.606
2.988	3728.852	215.881	1.001	14.733		
1/22/2016 7:45:00 PM	374400.000	26.460	16.871	60.310	4633.866	5485.628
2.989	3730.228	215.803	1.001	14.733		
1/22/2016 8:00:00 PM	375300.000	26.456	16.870	60.301	4633.935	5485.752
2.989	3730.311	215.799	1.001	14.741		
1/22/2016 8:15:00 PM	376200.000	26.476	16.870	60.346	4635.058	5487.125
2.990	3731.245	215.747	1.001	14.734		
1/22/2016 8:30:00 PM	377100.000	26.462	16.870	60.314	4636.551	5488.849
2.991	3732.417	215.678	1.001	14.736		
1/22/2016 8:45:00 PM	378000.000	26.469	16.871	60.331	4636.936	5489.273
2.991	3732.706	215.660	1.001	14.739		
1/22/2016 9:00:00 PM	378900.000	26.476	16.870	60.346	4637.986	5490.613
2.992	3733.617	215.611	1.001	14.736		
1/22/2016 9:15:00 PM	379800.000	26.466	16.870	60.324	4638.578	5491.336
2.993	3734.109	215.583	1.001	14.737		
1/22/2016 9:30:00 PM	380700.000	26.466	16.869	60.323	4639.232	5492.133
2.993	3734.651	215.553	1.001	14.744		
1/22/2016 9:45:00 PM	381600.000	26.477	16.869	60.350	4639.621	5492.627
2.993	3734.987	215.535	1.001	14.737		
1/22/2016 10:00:00 PM	382500.000	26.482	16.868	60.360	4639.874	5493.001
2.994	3735.241	215.523	1.001	14.737		

1/22/2016 10:15:00 PM 383400.000 26.484 16.868 60.365
4641.305 5494.793 2.995 3736.459 215.457
1.001 14.744
1/22/2016 10:30:00 PM 384300.000 26.481 16.868 60.358
4642.102 5495.694 2.995 3737.072 215.420
1.001 14.743
1/22/2016 10:45:00 PM 385200.000 26.484 16.867 60.366
4643.850 5497.861 2.996 3738.546 215.339
1.001 14.740
1/22/2016 11:00:00 PM 386100.000 26.477 16.868 60.349
4644.913 5499.087 2.997 3739.380 215.289
1.001 14.749
1/22/2016 11:15:00 PM 387000.000 26.499 16.868 60.400
4647.179 5501.736 2.999 3741.181 215.184
1.001 14.738
1/22/2016 11:30:00 PM 387900.000 26.489 16.866 60.377
4649.260 5504.363 3.000 3742.967 215.088
1.001 14.746
1/22/2016 11:45:00 PM 388800.000 26.497 16.866 60.395
4651.593 5507.170 3.002 3744.876 214.980
1.001 14.742
1/23/2016 12:00:00 AM 389700.000 26.496 16.865 60.392
4654.802 5511.057 3.004 3747.519 214.832
1.001 14.743
1/23/2016 12:15:00 AM 390600.000 26.497 16.865 60.395
4657.267 5514.019 3.006 3749.533 214.718
1.001 14.742
1/23/2016 12:30:00 AM 391500.000 26.502 16.864 60.407
4659.481 5516.782 3.007 3751.412 214.616
1.001 14.738
1/23/2016 12:45:00 AM 392400.000 26.500 16.864 60.402
4660.996 5518.510 3.008 3752.587 214.546
1.001 14.739
1/23/2016 1:00:00 AM 393300.000 26.505 16.864 60.414
4663.511 5521.587 3.010 3754.679 214.431
1.001 14.743
1/23/2016 1:15:00 AM 394200.000 26.505 16.864 60.413
4666.087 5524.638 3.012 3756.754 214.312
1.001 14.745
1/23/2016 1:30:00 AM 395100.000 26.501 16.864 60.405
4667.785 5526.614 3.013 3758.098 214.234
1.001 14.747
1/23/2016 1:45:00 AM 396000.000 26.506 16.863 60.416
4669.209 5528.409 3.014 3759.319 214.169
1.001 14.747
1/23/2016 2:00:00 AM 396900.000 26.505 16.863 60.412
4671.319 5530.973 3.016 3761.062 214.072
1.001 14.747
1/23/2016 2:15:00 AM 397800.000 26.512 16.863 60.430
4672.886 5532.773 3.017 3762.286 214.001
1.001 14.751
1/23/2016 2:30:00 AM 398700.000 26.512 16.862 60.429
4674.122 5534.347 3.018 3763.356 213.944
1.001 14.752

1/23/2016 2:45:00 AM	399600.000	26.506	16.863	60.416	4676.201	5536.753
3.019	3764.993	213.849	1.001	14.757		
1/23/2016 3:00:00 AM	400500.000	26.506	16.861	60.416	4677.411	5538.372
3.020	3766.093	213.794	1.001	14.754		
1/23/2016 3:15:00 AM	401400.000	26.506	16.861	60.415	4679.662	5540.984
3.021	3767.869	213.691	1.001	14.750		
1/23/2016 3:30:00 AM	402300.000	26.511	16.861	60.426	4680.265	5541.731
3.022	3768.377	213.663	1.001	14.749		
1/23/2016 3:45:00 AM	403200.000	26.503	16.861	60.409	4682.619	5544.528
3.023	3770.279	213.556	1.001	14.752		
1/23/2016 4:00:00 AM	404100.000	26.514	16.862	60.434	4682.723	5544.596
3.023	3770.326	213.551	1.001	14.753		
1/23/2016 4:15:00 AM	405000.000	26.505	16.861	60.412	4684.839	5547.179
3.025	3772.082	213.454	1.001	14.753		
1/23/2016 4:30:00 AM	405900.000	26.512	16.860	60.429	4686.217	5548.887
3.026	3773.244	213.392	1.001	14.751		
1/23/2016 4:45:00 AM	406800.000	26.526	16.861	60.460	4687.926	5550.889
3.027	3774.604	213.314	1.001	14.747		
1/23/2016 5:00:00 AM	407700.000	26.516	16.860	60.437	4688.417	5551.515
3.027	3775.030	213.292	1.001	14.753		
1/23/2016 5:15:00 AM	408600.000	26.526	16.860	60.461	4689.971	5553.366
3.029	3776.289	213.221	1.001	14.752		
1/23/2016 5:30:00 AM	409500.000	26.515	16.859	60.436	4690.675	5554.277
3.029	3776.909	213.189	1.001	14.755		
1/23/2016 5:45:00 AM	410400.000	26.520	16.860	60.446	4692.013	5555.806
3.030	3777.948	213.128	1.001	14.756		
1/23/2016 6:00:00 AM	411300.000	26.515	16.860	60.436	4692.333	5556.228
3.030	3778.235	213.114	1.001	14.766		
1/23/2016 6:15:00 AM	412200.000	26.518	16.859	60.443	4693.905	5558.112
3.031	3779.516	213.042	1.001	14.764		
1/23/2016 6:30:00 AM	413100.000	26.517	16.859	60.439	4694.372	5558.655
3.032	3779.886	213.021	1.001	14.767		
1/23/2016 6:45:00 AM	414000.000	26.514	16.859	60.435	4695.502	5560.002
3.032	3780.802	212.970	1.001	14.768		
1/23/2016 7:00:00 AM	414900.000	26.507	16.859	60.417	4695.854	5560.431
3.033	3781.093	212.954	1.001	14.774		

1/23/2016 7:15:00 AM	415800.000	26.519	16.860	60.446	4696.523	5561.189
3.033	3781.609	212.923	1.001	14.770		
1/23/2016 7:30:00 AM	416700.000	26.513	16.859	60.432	4697.397	5562.237
3.034	3782.321	212.884	1.001	14.777		
1/23/2016 7:45:00 AM	417600.000	26.509	16.860	60.421	4698.331	5563.253
3.034	3783.013	212.842	1.001	14.781		
1/23/2016 8:00:00 AM	418500.000	26.523	16.860	60.454	4698.999	5564.122
3.035	3783.603	212.811	1.001	14.784		
1/23/2016 8:15:00 AM	419400.000	26.531	16.859	60.471	4699.583	5564.835
3.035	3784.088	212.785	1.001	14.777		
1/23/2016 8:30:00 AM	420300.000	26.523	16.860	60.455	4699.286	5564.452
3.035	3783.828	212.798	1.001	14.789		
1/23/2016 8:45:00 AM	421200.000	26.518	16.860	60.443	4700.028	5565.318
3.035	3784.417	212.765	1.001	14.785		
1/23/2016 9:00:00 AM	422100.000	26.511	16.859	60.426	4699.793	5565.095
3.035	3784.265	212.775	1.001	14.794		
1/23/2016 9:15:00 AM	423000.000	26.533	16.860	60.478	4699.889	5565.153
3.035	3784.304	212.771	1.001	14.781		
1/23/2016 9:30:00 AM	423900.000	26.525	16.860	60.459	4699.082	5564.220
3.035	3783.670	212.808	1.001	14.786		
1/23/2016 9:45:00 AM	424800.000	26.529	16.860	60.468	4699.357	5564.536
3.035	3783.885	212.795	1.001	14.790		
1/23/2016 10:00:00 AM	425700.000	26.525	16.859	60.459	4699.229	5564.438
3.035	3783.818	212.801	1.001	14.795		
1/23/2016 10:15:00 AM	426600.000	26.513	16.859	60.431	4698.928	5564.071
3.035	3783.569	212.814	1.001	14.797		
1/23/2016 10:30:00 AM	427500.000	26.510	16.860	60.423	4699.682	5564.908
3.035	3784.138	212.780	1.001	14.800		
1/23/2016 10:45:00 AM	428400.000	26.517	16.860	60.441	4698.309	5563.272
3.034	3783.025	212.843	1.001	14.798		
1/23/2016 11:00:00 AM	429300.000	26.515	16.860	60.437	4698.652	5563.656
3.035	3783.286	212.827	1.001	14.798		
1/23/2016 11:15:00 AM	430200.000	26.523	16.860	60.455	4698.831	5563.879
3.035	3783.438	212.819	1.001	14.798		
1/23/2016 11:30:00 AM	431100.000	26.525	16.860	60.458	4698.011	5562.952
3.034	3782.807	212.856	1.001	14.793		

1/23/2016 11:45:00 AM 432000.000 26.521 16.859 60.448
4698.101 5563.071 3.034 3782.888 212.852
1.001 14.790
1/23/2016 12:00:00 PM 432900.000 26.529 16.860 60.467
4697.852 5562.763 3.034 3782.679 212.863
1.001 14.787
1/23/2016 12:15:00 PM 433800.000 26.530 16.860 60.470
4698.780 5563.862 3.035 3783.427 212.821
1.001 14.784
1/23/2016 12:30:00 PM 434700.000 26.533 16.859 60.477
4699.149 5564.333 3.035 3783.746 212.804
1.001 14.782
1/23/2016 12:45:00 PM 435600.000 26.522 16.859 60.452
4698.518 5563.574 3.034 3783.230 212.833
1.001 14.780
1/23/2016 1:00:00 PM 436500.000 26.534 16.859 60.480
4699.125 5564.393 3.035 3783.788 212.806
1.001 14.778
1/23/2016 1:15:00 PM 437400.000 26.529 16.859 60.468
4699.935 5565.285 3.035 3784.394 212.769
1.001 14.775
1/23/2016 1:30:00 PM 438300.000 26.536 16.859 60.484
4700.282 5565.708 3.036 3784.682 212.753
1.001 14.774
1/23/2016 1:45:00 PM 439200.000 26.523 16.858 60.453
4700.644 5566.224 3.036 3785.033 212.737
1.001 14.779
1/23/2016 2:00:00 PM 440100.000 26.521 16.859 60.450
4701.007 5566.610 3.036 3785.295 212.720
1.001 14.777
1/23/2016 2:15:00 PM 441000.000 26.524 16.858 60.455
4701.576 5567.349 3.037 3785.798 212.695
1.001 14.775
1/23/2016 2:30:00 PM 441900.000 26.521 16.859 60.450
4701.852 5567.578 3.037 3785.953 212.682
1.001 14.782
1/23/2016 2:45:00 PM 442800.000 26.520 16.859 60.448
4702.871 5568.784 3.037 3786.773 212.636
1.001 14.782
1/23/2016 3:00:00 PM 443700.000 26.529 16.859 60.468
4703.212 5569.198 3.038 3787.055 212.621
1.001 14.778
1/23/2016 3:15:00 PM 444600.000 26.521 16.859 60.449
4702.739 5568.672 3.037 3786.697 212.642
1.001 14.786
1/23/2016 3:30:00 PM 445500.000 26.526 16.859 60.460
4703.363 5569.410 3.038 3787.199 212.614
1.001 14.785
1/23/2016 3:45:00 PM 446400.000 26.516 16.859 60.439
4702.880 5568.829 3.038 3786.804 212.636
1.001 14.789
1/23/2016 4:00:00 PM 447300.000 26.523 16.859 60.455
4702.250 5567.993 3.037 3786.235 212.664
1.001 14.787

1/23/2016 4:15:00 PM	448200.000	26.528	16.860	60.465	4701.127	5566.641	3.036	3785.316	212.715	1.001	14.786
1/23/2016 4:30:00 PM	449100.000	26.533	16.859	60.477	4701.525	5567.146	3.037	3785.660	212.697	1.001	14.790
1/23/2016 4:45:00 PM	450000.000	26.523	16.860	60.454	4700.334	5565.647	3.036	3784.641	212.751	1.001	14.797
1/23/2016 5:00:00 PM	450900.000	26.526	16.860	60.461	4698.975	5564.092	3.035	3783.583	212.812	1.001	14.784
1/23/2016 5:15:00 PM	451800.000	26.529	16.860	60.469	4698.126	5563.056	3.034	3782.878	212.851	1.001	14.790
1/23/2016 5:30:00 PM	452700.000	26.526	16.860	60.461	4697.238	5562.036	3.034	3782.185	212.891	1.001	14.792
1/23/2016 5:45:00 PM	453600.000	26.529	16.860	60.469	4696.635	5561.213	3.033	3781.625	212.918	1.001	14.794
1/23/2016 6:00:00 PM	454500.000	26.531	16.860	60.472	4696.272	5560.827	3.033	3781.363	212.935	1.001	14.800
1/23/2016 6:15:00 PM	455400.000	26.520	16.860	60.447	4695.923	5560.458	3.033	3781.111	212.951	1.001	14.807
1/23/2016 6:30:00 PM	456300.000	26.530	16.860	60.470	4695.168	5559.530	3.032	3780.481	212.985	1.001	14.800
1/23/2016 6:45:00 PM	457200.000	26.526	16.860	60.460	4695.089	5559.437	3.032	3780.417	212.989	1.001	14.802
1/23/2016 7:00:00 PM	458100.000	26.529	16.860	60.468	4693.922	5558.055	3.031	3779.478	213.041	1.001	14.802
1/23/2016 7:15:00 PM	459000.000	26.538	16.860	60.489	4692.583	5556.426	3.030	3778.370	213.102	1.001	14.804
1/23/2016 7:30:00 PM	459900.000	26.533	16.861	60.476	4692.375	5556.136	3.030	3778.173	213.112	1.001	14.805
1/23/2016 7:45:00 PM	460800.000	26.535	16.861	60.481	4691.599	5555.184	3.030	3777.525	213.147	1.001	14.799
1/23/2016 8:00:00 PM	461700.000	26.520	16.861	60.448	4691.419	5554.959	3.029	3777.373	213.155	1.001	14.808
1/23/2016 8:15:00 PM	462600.000	26.526	16.861	60.462	4690.890	5554.321	3.029	3776.939	213.179	1.001	14.806
1/23/2016 8:30:00 PM	463500.000	26.525	16.860	60.459	4690.319	5553.767	3.029	3776.562	213.205	1.001	14.806

1/23/2016 8:45:00 PM	464400.000	26.527	16.861	60.463	4690.179	5553.458	3.029	3776.352	213.211	1.001	14.808
1/23/2016 9:00:00 PM	465300.000	26.521	16.861	60.449	4690.010	5553.258	3.028	3776.216	213.219	1.001	14.810
1/23/2016 9:15:00 PM	466200.000	26.535	16.862	60.482	4689.410	5552.504	3.028	3775.703	213.246	1.001	14.812
1/23/2016 9:30:00 PM	467100.000	26.529	16.861	60.468	4688.732	5551.745	3.028	3775.187	213.277	1.001	14.808
1/23/2016 9:45:00 PM	468000.000	26.522	16.861	60.452	4688.252	5551.166	3.027	3774.793	213.299	1.001	14.816
1/23/2016 10:00:00 PM	468900.000	26.532	16.861	60.474	4687.124	5549.829	3.026	3773.884	213.350	1.001	14.807
1/23/2016 10:15:00 PM	469800.000	26.534	16.861	60.480	4687.166	5549.869	3.027	3773.911	213.349	1.001	14.815
1/23/2016 10:30:00 PM	470700.000	26.523	16.862	60.455	4686.731	5549.287	3.026	3773.515	213.368	1.001	14.814
1/23/2016 10:45:00 PM	471600.000	26.531	16.862	60.473	4686.287	5548.729	3.026	3773.136	213.389	1.001	14.814
1/23/2016 11:00:00 PM	472500.000	26.531	16.861	60.473	4685.418	5547.800	3.025	3772.504	213.428	1.001	14.815
1/23/2016 11:15:00 PM	473400.000	26.525	16.862	60.458	4685.314	5547.632	3.025	3772.390	213.433	1.001	14.811
1/23/2016 11:30:00 PM	474300.000	26.530	16.861	60.471	4684.940	5547.244	3.025	3772.126	213.450	1.001	14.814
1/23/2016 11:45:00 PM	475200.000	26.542	16.862	60.497	4684.957	5547.219	3.025	3772.109	213.449	1.001	14.811
1/24/2016 12:00:00 AM	476100.000	26.534	16.862	60.479	4684.817	5547.033	3.025	3771.982	213.455	1.001	14.816
1/24/2016 12:15:00 AM	477000.000	26.533	16.862	60.477	4684.063	5546.106	3.024	3771.352	213.490	1.001	14.816
1/24/2016 12:30:00 AM	477900.000	26.526	16.862	60.460	4683.506	5545.425	3.024	3770.889	213.515	1.001	14.814
1/24/2016 12:45:00 AM	478800.000	26.528	16.862	60.466	4682.779	5544.597	3.023	3770.326	213.548	1.001	14.808
1/24/2016 1:00:00 AM	479700.000	26.541	16.862	60.495	4683.154	5545.008	3.024	3770.606	213.531	1.001	14.816

1/24/2016 1:15:00 AM	480600.000	26.524	16.862	60.457
4683.035	5544.911	3.024	3770.540	213.537
1.001	14.817			
1/24/2016 1:30:00 AM	481500.000	26.533	16.862	60.478
4683.281	5545.192	3.024	3770.731	213.526
1.001	14.811			
1/24/2016 1:45:00 AM	482400.000	26.541	16.863	60.494
4683.207	5545.015	3.024	3770.610	213.529
1.001	14.818			
1/24/2016 2:00:00 AM	483300.000	26.542	16.862	60.498
4683.144	5544.986	3.024	3770.591	213.532
1.001	14.815			
1/24/2016 2:15:00 AM	484200.000	26.530	16.862	60.469
4683.262	5545.203	3.024	3770.738	213.526
1.001	14.821			
1/24/2016 2:30:00 AM	485100.000	26.536	16.863	60.484
4684.121	5546.097	3.024	3771.346	213.487
1.001	14.813			
1/24/2016 2:45:00 AM	486000.000	26.538	16.863	60.488
4683.965	5545.870	3.024	3771.192	213.494
1.001	14.818			
1/24/2016 3:00:00 AM	486900.000	26.534	16.862	60.480
4682.911	5544.743	3.024	3770.425	213.542
1.001	14.821			
1/24/2016 3:15:00 AM	487800.000	26.530	16.862	60.470
4682.792	5544.624	3.023	3770.345	213.548
1.001	14.816			
1/24/2016 3:30:00 AM	488700.000	26.552	16.862	60.521
4681.646	5543.213	3.023	3769.385	213.600
1.001	14.812			
1/24/2016 3:45:00 AM	489600.000	26.545	16.862	60.503
4681.810	5543.439	3.023	3769.539	213.593
1.001	14.821			
1/24/2016 4:00:00 AM	490500.000	26.531	16.863	60.473
4682.177	5543.774	3.023	3769.767	213.576
1.001	14.819			
1/24/2016 4:15:00 AM	491400.000	26.537	16.863	60.486
4680.837	5542.199	3.022	3768.695	213.637
1.001	14.824			
1/24/2016 4:30:00 AM	492300.000	26.533	16.863	60.478
4680.418	5541.713	3.022	3768.365	213.656
1.001	14.820			
1/24/2016 4:45:00 AM	493200.000	26.543	16.863	60.500
4681.405	5542.871	3.022	3769.153	213.611
1.001	14.828			
1/24/2016 5:00:00 AM	494100.000	26.531	16.863	60.472
4681.937	5543.534	3.023	3769.604	213.587
1.001	14.830			
1/24/2016 5:15:00 AM	495000.000	26.537	16.863	60.486
4680.838	5542.234	3.022	3768.719	213.637
1.001	14.826			
1/24/2016 5:30:00 AM	495900.000	26.534	16.863	60.479
4680.718	5542.058	3.022	3768.600	213.642
1.001	14.832			

1/24/2016 5:45:00 AM 496800.000 26.549 16.863 60.514
4679.563 5540.700 3.021 3767.676 213.695
1.001 14.826
1/24/2016 6:00:00 AM 497700.000 26.527 16.863 60.462
4678.929 5539.928 3.021 3767.151 213.724
1.001 14.832
1/24/2016 6:15:00 AM 498600.000 26.540 16.864 60.493
4679.391 5540.389 3.021 3767.465 213.703
1.001 14.833
1/24/2016 6:30:00 AM 499500.000 26.537 16.863 60.487
4678.608 5539.538 3.021 3766.886 213.739
1.001 14.838
1/24/2016 6:45:00 AM 500400.000 26.542 16.863 60.497
4678.125 5538.945 3.020 3766.483 213.761
1.001 14.841
1/24/2016 7:00:00 AM 501300.000 26.538 16.864 60.487
4677.897 5538.586 3.020 3766.239 213.771
1.001 14.842
1/24/2016 7:15:00 AM 502200.000 26.542 16.864 60.497
4676.854 5537.386 3.019 3765.423 213.819
1.001 14.843
1/24/2016 7:30:00 AM 503100.000 26.536 16.864 60.483
4676.525 5536.996 3.019 3765.158 213.834
1.001 14.848
1/24/2016 7:45:00 AM 504000.000 26.522 16.864 60.453
4677.452 5538.081 3.020 3765.895 213.792
1.001 14.854
1/24/2016 8:00:00 AM 504900.000 26.528 16.864 60.467
4676.592 5537.053 3.019 3765.197 213.831
1.001 14.854
1/24/2016 8:15:00 AM 505800.000 26.534 16.864 60.479
4674.857 5534.953 3.018 3763.768 213.910
1.001 14.844
1/24/2016 8:30:00 AM 506700.000 26.525 16.864 60.459
4674.879 5535.034 3.018 3763.823 213.909
1.001 14.867
1/24/2016 8:45:00 AM 507600.000 26.539 16.865 60.491
4673.826 5533.678 3.017 3762.901 213.957
1.001 14.855
1/24/2016 9:00:00 AM 508500.000 26.539 16.864 60.490
4673.766 5533.629 3.017 3762.868 213.960
1.001 14.856
1/24/2016 9:15:00 AM 509400.000 26.543 16.865 60.501
4672.632 5532.266 3.016 3761.941 214.012
1.001 14.855
1/24/2016 9:30:00 AM 510300.000 26.544 16.864 60.501
4673.183 5532.949 3.017 3762.406 213.987
1.001 14.853
1/24/2016 9:45:00 AM 511200.000 26.535 16.865 60.480
4673.044 5532.720 3.017 3762.250 213.993
1.001 14.858
1/24/2016 10:00:00 AM 512100.000 26.542 16.865 60.499
4672.002 5531.487 3.016 3761.411 214.041
1.001 14.857

1/24/2016 10:15:00 AM 513000.000 26.539 16.865 60.490
4672.621 5532.198 3.016 3761.895 214.013
1.001 14.857
1/24/2016 10:30:00 AM 513900.000 26.534 16.865 60.479
4672.125 5531.653 3.016 3761.524 214.035
1.001 14.859
1/24/2016 10:45:00 AM 514800.000 26.536 16.865 60.483
4673.127 5532.829 3.017 3762.324 213.989
1.001 14.864
1/24/2016 11:00:00 AM 515700.000 26.543 16.865 60.500
4672.856 5532.465 3.016 3762.076 214.002
1.001 14.849
1/24/2016 11:15:00 AM 516600.000 26.540 16.865 60.493
4672.588 5532.213 3.016 3761.905 214.014
1.001 14.850
1/24/2016 11:30:00 AM 517500.000 26.536 16.865 60.483
4673.151 5532.880 3.017 3762.359 213.988
1.001 14.848
1/24/2016 11:45:00 AM 518400.000 26.552 16.865 60.520
4672.265 5531.808 3.016 3761.630 214.029
1.001 14.840
1/24/2016 12:00:00 PM 519300.000 26.541 16.865 60.495
4673.672 5533.485 3.017 3762.770 213.965
1.001 14.841
1/24/2016 12:15:00 PM 520200.000 26.543 16.864 60.500
4673.426 5533.259 3.017 3762.616 213.976
1.001 14.831
1/24/2016 12:30:00 PM 521100.000 26.540 16.864 60.494
4673.690 5533.594 3.017 3762.844 213.964
1.001 14.838
1/24/2016 12:45:00 PM 522000.000 26.540 16.864 60.493
4674.813 5534.978 3.018 3763.785 213.912
1.001 14.827
1/24/2016 1:00:00 PM 522900.000 26.555 16.864 60.527
4675.471 5535.768 3.018 3764.323 213.882
1.001 14.820
1/24/2016 1:15:00 PM 523800.000 26.544 16.864 60.502
4676.393 5536.840 3.019 3765.051 213.840
1.001 14.829
1/24/2016 1:30:00 PM 524700.000 26.546 16.863 60.506
4678.199 5539.009 3.020 3766.526 213.757
1.001 14.825
1/24/2016 1:45:00 PM 525600.000 26.545 16.863 60.504
4678.302 5539.131 3.020 3766.610 213.753
1.001 14.820
1/24/2016 2:00:00 PM 526500.000 26.542 16.864 60.498
4680.164 5541.271 3.022 3768.064 213.668
1.001 14.821
1/24/2016 2:15:00 PM 527400.000 26.553 16.863 60.522
4680.455 5541.691 3.022 3768.350 213.654
1.001 14.820
1/24/2016 2:30:00 PM 528300.000 26.555 16.863 60.526
4681.018 5542.347 3.022 3768.796 213.629
1.001 14.815

1/24/2016 2:45:00 PM	529200.000	26.560	16.864	60.538
4680.708	5541.894	3.022	3768.488	213.643
1.001	14.814			
1/24/2016 3:00:00 PM	530100.000	26.550	16.863	60.516
4681.009	5542.370	3.022	3768.812	213.629
1.001	14.822			
1/24/2016 3:15:00 PM	531000.000	26.542	16.863	60.498
4681.368	5542.761	3.022	3769.078	213.613
1.001	14.823			
1/24/2016 3:30:00 PM	531900.000	26.550	16.864	60.515
4680.731	5541.954	3.022	3768.529	213.642
1.001	14.824			
1/24/2016 3:45:00 PM	532800.000	26.539	16.864	60.490
4680.279	5541.440	3.022	3768.180	213.662
1.001	14.826			
1/24/2016 4:00:00 PM	533700.000	26.550	16.863	60.515
4680.173	5541.347	3.022	3768.116	213.667
1.001	14.827			
1/24/2016 4:15:00 PM	534600.000	26.544	16.864	60.503
4680.616	5541.795	3.022	3768.421	213.647
1.001	14.826			
1/24/2016 4:30:00 PM	535500.000	26.550	16.865	60.515
4679.880	5540.857	3.021	3767.783	213.681
1.001	14.828			
1/24/2016 4:45:00 PM	536400.000	26.545	16.864	60.504
4678.701	5539.494	3.020	3766.856	213.735
1.001	14.835			
1/24/2016 5:00:00 PM	537300.000	26.545	16.864	60.505
4676.551	5536.993	3.019	3765.155	213.833
1.001	14.829			
1/24/2016 5:15:00 PM	538200.000	26.553	16.864	60.523
4676.509	5536.898	3.019	3765.091	213.835
1.001	14.823			
1/24/2016 5:30:00 PM	539100.000	26.546	16.865	60.507
4676.564	5536.921	3.019	3765.106	213.832
1.001	14.821			
1/24/2016 5:45:00 PM	540000.000	26.551	16.865	60.518
4675.546	5535.716	3.018	3764.287	213.879
1.001	14.832			
1/24/2016 6:00:00 PM	540900.000	26.538	16.864	60.488
4674.443	5534.442	3.018	3763.421	213.929
1.001	14.837			
1/24/2016 6:15:00 PM	541800.000	26.541	16.865	60.496
4674.589	5534.593	3.018	3763.524	213.923
1.001	14.843			
1/24/2016 6:30:00 PM	542700.000	26.544	16.865	60.503
4674.248	5534.124	3.017	3763.204	213.938
1.001	14.840			
1/24/2016 6:45:00 PM	543600.000	26.547	16.865	60.509
4674.697	5534.678	3.018	3763.581	213.918
1.001	14.835			
1/24/2016 7:00:00 PM	544500.000	26.550	16.865	60.515
4674.582	5534.551	3.018	3763.495	213.923
1.001	14.837			

1/24/2016 7:15:00 PM	545400.000	26.546	16.865	60.506	4672.660	5532.222
3.016	3761.911	214.011	1.001	14.836		
1/24/2016 7:30:00 PM	546300.000	26.547	16.866	60.509	4671.785	5531.131
3.016	3761.170	214.051	1.001	14.838		
1/24/2016 7:45:00 PM	547200.000	26.550	16.866	60.517	4670.652	5529.778
3.015	3760.249	214.103	1.001	14.835		
1/24/2016 8:00:00 PM	548100.000	26.542	16.865	60.497	4670.438	5529.590
3.015	3760.122	214.113	1.001	14.841		
1/24/2016 8:15:00 PM	549000.000	26.542	16.866	60.498	4669.963	5528.962
3.014	3759.694	214.134	1.001	14.846		
1/24/2016 8:30:00 PM	549900.000	26.543	16.866	60.500	4670.195	5529.249
3.015	3759.890	214.124	1.001	14.849		
1/24/2016 8:45:00 PM	550800.000	26.547	16.866	60.508	4670.925	5530.113
3.015	3760.477	214.090	1.001	14.847		
1/24/2016 9:00:00 PM	551700.000	26.543	16.866	60.500	4670.926	5530.069
3.015	3760.448	214.090	1.001	14.849		
1/24/2016 9:15:00 PM	552600.000	26.544	16.866	60.502	4668.703	5527.428
3.013	3758.651	214.192	1.001	14.848		
1/24/2016 9:30:00 PM	553500.000	26.545	16.866	60.505	4668.050	5526.654
3.013	3758.125	214.222	1.001	14.851		
1/24/2016 9:45:00 PM	554400.000	26.543	16.866	60.500	4666.080	5524.310
3.012	3756.531	214.313	1.001	14.847		
1/24/2016 10:00:00 PM	555300.000	26.548	16.867	60.511	4667.009	5525.345
3.012	3757.235	214.270	1.001	14.849		
1/24/2016 10:15:00 PM	556200.000	26.550	16.866	60.517	4666.823	5525.189
3.012	3757.129	214.279	1.001	14.848		
1/24/2016 10:30:00 PM	557100.000	26.541	16.867	60.495	4665.720	5523.797
3.011	3756.182	214.329	1.001	14.853		
1/24/2016 10:45:00 PM	558000.000	26.547	16.867	60.509	4665.761	5523.856
3.011	3756.222	214.327	1.001	14.854		
1/24/2016 11:00:00 PM	558900.000	26.539	16.867	60.492	4665.777	5523.887
3.011	3756.243	214.327	1.001	14.853		
1/24/2016 11:15:00 PM	559800.000	26.541	16.866	60.495	4666.044	5524.246
3.012	3756.487	214.314	1.001	14.852		
1/24/2016 11:30:00 PM	560700.000	26.542	16.867	60.496	4664.885	5522.797
3.011	3755.502	214.368	1.001	14.850		

1/24/2016 11:45:00 PM 561600.000 26.545 16.867 60.505
4664.523 5522.424 3.011 3755.249 214.384
1.001 14.849
1/25/2016 12:00:00 AM 562500.000 26.548 16.867 60.511
4664.546 5522.408 3.011 3755.238 214.383
1.001 14.851
1/25/2016 12:15:00 AM 563400.000 26.545 16.867 60.505
4663.627 5521.307 3.010 3754.489 214.425
1.001 14.849
1/25/2016 12:30:00 AM 564300.000 26.545 16.867 60.504
4662.964 5520.544 3.010 3753.970 214.456
1.001 14.850
1/25/2016 12:45:00 AM 565200.000 26.546 16.867 60.507
4662.927 5520.491 3.009 3753.934 214.458
1.001 14.853
1/25/2016 1:00:00 AM 566100.000 26.544 16.867 60.502
4662.312 5519.763 3.009 3753.439 214.486
1.001 14.847
1/25/2016 1:15:00 AM 567000.000 26.558 16.867 60.534
4663.443 5521.058 3.010 3754.320 214.434
1.001 14.844
1/25/2016 1:30:00 AM 567900.000 26.558 16.867 60.535
4662.992 5520.589 3.010 3754.001 214.455
1.001 14.846
1/25/2016 1:45:00 AM 568800.000 26.544 16.868 60.502
4662.469 5519.872 3.009 3753.513 214.479
1.001 14.847
1/25/2016 2:00:00 AM 569700.000 26.537 16.867 60.487
4662.426 5519.842 3.009 3753.493 214.481
1.001 14.854
1/25/2016 2:15:00 AM 570600.000 26.556 16.867 60.530
4662.199 5519.585 3.009 3753.318 214.491
1.001 14.844
1/25/2016 2:30:00 AM 571500.000 26.551 16.867 60.518
4662.780 5520.326 3.009 3753.822 214.464
1.001 14.848
1/25/2016 2:45:00 AM 572400.000 26.554 16.867 60.525
4662.787 5520.335 3.009 3753.828 214.464
1.001 14.845
1/25/2016 3:00:00 AM 573300.000 26.562 16.867 60.542
4662.889 5520.402 3.009 3753.874 214.459
1.001 14.840
1/25/2016 3:15:00 AM 574200.000 26.545 16.867 60.504
4663.375 5520.955 3.010 3754.250 214.437
1.001 14.842
1/25/2016 3:30:00 AM 575100.000 26.566 16.867 60.551
4662.449 5519.946 3.009 3753.563 214.480
1.001 14.832
1/25/2016 3:45:00 AM 576000.000 26.559 16.867 60.537
4663.159 5520.731 3.010 3754.097 214.447
1.001 14.841
1/25/2016 4:00:00 AM 576900.000 26.555 16.867 60.526
4664.000 5521.762 3.010 3754.798 214.408
1.001 14.842

1/25/2016 4:15:00 AM	577800.000	26.545	16.866	60.504	4663.750	5521.519
3.010	3754.633	214.420	1.001	14.842		
1/25/2016 4:30:00 AM	578700.000	26.553	16.867	60.522	4663.519	5521.192
3.010	3754.411	214.430	1.001	14.844		
1/25/2016 4:45:00 AM	579600.000	26.554	16.867	60.525	4664.104	5521.905
3.010	3754.896	214.403	1.001	14.841		
1/25/2016 5:00:00 AM	580500.000	26.547	16.867	60.509	4664.440	5522.292
3.011	3755.158	214.388	1.001	14.842		
1/25/2016 5:15:00 AM	581400.000	26.555	16.867	60.527	4663.780	5521.466
3.010	3754.597	214.418	1.001	14.833		
1/25/2016 5:30:00 AM	582300.000	26.554	16.867	60.525	4664.908	5522.792
3.011	3755.499	214.366	1.001	14.841		
1/25/2016 5:45:00 AM	583200.000	26.550	16.867	60.516	4663.126	5520.692
3.010	3754.071	214.448	1.001	14.847		
1/25/2016 6:00:00 AM	584100.000	26.555	16.867	60.527	4662.934	5520.456
3.009	3753.910	214.457	1.001	14.840		
1/25/2016 6:15:00 AM	585000.000	26.558	16.867	60.535	4662.700	5520.179
3.009	3753.722	214.468	1.001	14.840		
1/25/2016 6:30:00 AM	585900.000	26.563	16.867	60.546	4662.678	5520.129
3.009	3753.688	214.469	1.001	14.839		
1/25/2016 6:45:00 AM	586800.000	26.546	16.867	60.506	4662.665	5520.125
3.009	3753.686	214.470	1.001	14.842		
1/25/2016 7:00:00 AM	587700.000	26.554	16.867	60.525	4661.871	5519.228
3.009	3753.075	214.506	1.001	14.839		
1/25/2016 7:15:00 AM	588600.000	26.557	16.868	60.531	4661.933	5519.160
3.009	3753.029	214.503	1.001	14.845		
1/25/2016 7:30:00 AM	589500.000	26.555	16.868	60.527	4661.618	5518.809
3.008	3752.790	214.518	1.001	14.849		
1/25/2016 7:45:00 AM	590400.000	26.552	16.867	60.521	4661.104	5518.266
3.008	3752.421	214.541	1.001	14.856		
1/25/2016 8:00:00 AM	591300.000	26.544	16.868	60.503	4660.469	5517.480
3.008	3751.887	214.571	1.001	14.856		
1/25/2016 8:15:00 AM	592200.000	26.553	16.868	60.522	4660.141	5517.050
3.007	3751.594	214.586	1.001	14.857		
1/25/2016 8:30:00 AM	593100.000	26.538	16.868	60.488	4658.938	5515.637
3.007	3750.633	214.641	1.001	14.869		

1/25/2016 8:45:00 AM 594000.000 26.554 16.868 60.525
4658.551 5515.135 3.006 3750.292 214.659
1.001 14.858
1/25/2016 9:00:00 AM 594900.000 26.556 16.869 60.529
4657.534 5513.875 3.006 3749.436 214.706
1.001 14.860
1/25/2016 9:15:00 AM 595800.000 26.549 16.869 60.512
4657.383 5513.687 3.006 3749.307 214.713
1.001 14.866
1/25/2016 9:30:00 AM 596700.000 26.552 16.869 60.521
4655.941 5512.012 3.005 3748.168 214.779
1.001 14.864
1/25/2016 9:45:00 AM 597600.000 26.553 16.869 60.521
4656.006 5512.024 3.005 3748.176 214.776
1.001 14.865
1/25/2016 10:00:00 AM 598500.000 26.555 16.869 60.526
4655.217 5511.122 3.004 3747.563 214.813
1.001 14.853
1/25/2016 10:15:00 AM 599400.000 26.560 16.869 60.537
4654.900 5510.681 3.004 3747.263 214.827
1.001 14.854
1/25/2016 10:30:00 AM 600300.000 26.556 16.868 60.529
4654.395 5510.193 3.003 3746.932 214.851
1.001 14.858
1/25/2016 10:45:00 AM 601200.000 26.564 16.869 60.547
4654.092 5509.767 3.003 3746.642 214.865
1.001 14.854
1/25/2016 11:00:00 AM 602100.000 26.552 16.869 60.520
4654.211 5509.942 3.003 3746.761 214.859
1.001 14.862
1/25/2016 11:15:00 AM 603000.000 26.556 16.869 60.530
4654.417 5510.198 3.003 3746.935 214.850
1.001 14.860
1/25/2016 11:30:00 AM 603900.000 26.552 16.868 60.519
4655.176 5511.127 3.004 3747.567 214.815
1.001 14.859
1/25/2016 11:45:00 AM 604800.000 26.556 16.869 60.529
4655.709 5511.651 3.004 3747.923 214.790
1.001 14.856
1/25/2016 12:00:00 PM 605700.000 26.545 16.869 60.504
4655.977 5511.990 3.005 3748.153 214.778
1.001 14.857
1/25/2016 12:15:00 PM 606600.000 26.553 16.869 60.522
4656.433 5512.594 3.005 3748.564 214.757
1.001 14.851
1/25/2016 12:30:00 PM 607500.000 26.555 16.869 60.526
4656.315 5512.422 3.005 3748.448 214.762
1.001 14.845
1/25/2016 12:45:00 PM 608400.000 26.563 16.868 60.546
4656.309 5512.503 3.005 3748.502 214.762
1.001 14.838
1/25/2016 1:00:00 PM 609300.000 26.543 16.868 60.500
4656.904 5513.164 3.005 3748.952 214.735
1.001 14.847

1/25/2016 1:15:00 PM	610200.000	26.557	16.868	60.532
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1/25/2016 1:30:00 PM	611100.000	26.558	16.868	60.533
4657.666	5514.119	3.006	3749.601	214.700
1.001	14.839			
1/25/2016 1:45:00 PM	612000.000	26.565	16.869	60.550
4657.889	5514.274	3.006	3749.707	214.690
1.001	14.830			
1/25/2016 2:00:00 PM	612900.000	26.555	16.868	60.526
4658.353	5514.933	3.006	3750.155	214.668
1.001	14.830			
1/25/2016 2:15:00 PM	613800.000	26.564	16.869	60.548
4658.946	5515.514	3.007	3750.550	214.641
1.001	14.824			
1/25/2016 2:30:00 PM	614700.000	26.563	16.868	60.545
4659.439	5516.240	3.007	3751.043	214.618
1.001	14.825			
1/25/2016 2:45:00 PM	615600.000	26.561	16.868	60.541
4659.905	5516.760	3.007	3751.397	214.597
1.001	14.830			
1/25/2016 3:00:00 PM	616500.000	26.557	16.869	60.532
4659.641	5516.392	3.007	3751.147	214.609
1.001	14.824			
1/25/2016 3:15:00 PM	617400.000	26.557	16.868	60.533
4660.551	5517.568	3.008	3751.947	214.567
1.001	14.831			
1/25/2016 3:30:00 PM	618300.000	26.559	16.869	60.535
4660.510	5517.365	3.008	3751.809	214.569
1.001	14.833			
1/25/2016 3:45:00 PM	619200.000	26.548	16.869	60.512
4660.789	5517.653	3.008	3752.005	214.556
1.001	14.832			
1/25/2016 4:00:00 PM	620100.000	26.561	16.869	60.541
4659.706	5516.436	3.007	3751.177	214.606
1.001	14.832			
1/25/2016 4:15:00 PM	621000.000	26.560	16.868	60.537
4658.357	5514.915	3.006	3750.143	214.668
1.001	14.832			
1/25/2016 4:30:00 PM	621900.000	26.550	16.870	60.516
4657.386	5513.603	3.005	3749.250	214.713
1.001	14.839			
1/25/2016 4:45:00 PM	622800.000	26.558	16.869	60.534
4657.233	5513.464	3.005	3749.156	214.720
1.001	14.840			
1/25/2016 5:00:00 PM	623700.000	26.558	16.869	60.534
4655.549	5511.492	3.004	3747.815	214.797
1.001	14.840			
1/25/2016 5:15:00 PM	624600.000	26.547	16.869	60.508
4655.104	5510.966	3.004	3747.457	214.818
1.001	14.845			
1/25/2016 5:30:00 PM	625500.000	26.549	16.869	60.514
4654.437	5510.122	3.003	3746.883	214.849
1.001	14.843			

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4653.708 5509.249 3.003 3746.289 214.882
1.001 14.843
1/25/2016 6:00:00 PM 627300.000 26.567 16.870 60.555
4652.170 5507.405 3.002 3745.036 214.953
1.001 14.839
1/25/2016 6:15:00 PM 628200.000 26.561 16.870 60.542
4652.220 5507.454 3.002 3745.069 214.951
1.001 14.842
1/25/2016 6:30:00 PM 629100.000 26.557 16.870 60.531
4651.270 5506.285 3.001 3744.274 214.995
1.001 14.849
1/25/2016 6:45:00 PM 630000.000 26.557 16.870 60.531
4651.883 5507.023 3.002 3744.776 214.967
1.001 14.852
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4650.706 5505.597 3.001 3743.806 215.021
1.001 14.863
1/25/2016 7:15:00 PM 631800.000 26.554 16.870 60.524
4650.601 5505.481 3.001 3743.728 215.026
1.001 14.858
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4649.633 5504.348 3.000 3742.957 215.071
1.001 14.858
1/25/2016 7:45:00 PM 633600.000 26.543 16.870 60.499
4648.996 5503.615 3.000 3742.458 215.100
1.001 14.864
1/25/2016 8:00:00 PM 634500.000 26.550 16.871 60.516
4647.896 5502.249 2.999 3741.529 215.151
1.001 14.851
1/25/2016 8:15:00 PM 635400.000 26.557 16.871 60.532
4646.761 5500.883 2.998 3740.601 215.204
1.001 14.857
1/25/2016 8:30:00 PM 636300.000 26.562 16.871 60.542
4646.544 5500.570 2.998 3740.388 215.214
1.001 14.858
1/25/2016 8:45:00 PM 637200.000 26.551 16.871 60.518
4645.833 5499.719 2.997 3739.809 215.247
1.001 14.855
1/25/2016 9:00:00 PM 638100.000 26.556 16.872 60.528
4645.777 5499.532 2.997 3739.682 215.249
1.001 14.859
1/25/2016 9:15:00 PM 639000.000 26.553 16.872 60.522
4644.615 5498.233 2.997 3738.799 215.303
1.001 14.856
1/25/2016 9:30:00 PM 639900.000 26.553 16.871 60.522
4644.590 5498.280 2.997 3738.831 215.304
1.001 14.864
1/25/2016 9:45:00 PM 640800.000 26.553 16.871 60.522
4644.926 5498.689 2.997 3739.109 215.289
1.001 14.865
1/25/2016 10:00:00 PM 641700.000 26.549 16.871 60.512
4645.079 5498.892 2.997 3739.247 215.282
1.001 14.864

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4644.361 5497.878 2.996 3738.557 215.315
1.001 14.863
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4642.599 5495.782 2.995 3737.132 215.397
1.001 14.865
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4643.211 5496.549 2.996 3737.654 215.368
1.001 14.865
1/25/2016 11:00:00 PM 645300.000 26.558 16.872 60.535
4642.562 5495.726 2.995 3737.094 215.398
1.001 14.862
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4642.744 5495.985 2.995 3737.270 215.390
1.001 14.862
1/25/2016 11:30:00 PM 647100.000 26.557 16.871 60.532
4641.708 5494.813 2.995 3736.473 215.438
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1/25/2016 11:45:00 PM 648000.000 26.546 16.872 60.507
4641.281 5494.177 2.994 3736.040 215.458
1.001 14.870
1/26/2016 12:00:00 AM 648900.000 26.551 16.872 60.517
4641.163 5494.114 2.994 3735.998 215.463
1.001 14.869
1/26/2016 12:15:00 AM 649800.000 26.557 16.872 60.532
4640.358 5493.107 2.994 3735.313 215.501
1.001 14.864
1/26/2016 12:30:00 AM 650700.000 26.553 16.872 60.522
4640.777 5493.657 2.994 3735.687 215.481
1.001 14.862
1/26/2016 12:45:00 AM 651600.000 26.555 16.871 60.526
4640.051 5492.851 2.993 3735.139 215.515
1.001 14.866
1/26/2016 1:00:00 AM 652500.000 26.559 16.872 60.536
4640.315 5493.067 2.994 3735.286 215.503
1.001 14.861
1/26/2016 1:15:00 AM 653400.000 26.561 16.872 60.541
4640.240 5492.944 2.993 3735.202 215.506
1.001 14.862
1/26/2016 1:30:00 AM 654300.000 26.555 16.872 60.527
4640.774 5493.589 2.994 3735.641 215.481
1.001 14.866
1/26/2016 1:45:00 AM 655200.000 26.557 16.872 60.533
4640.264 5493.018 2.994 3735.252 215.505
1.001 14.868
1/26/2016 2:00:00 AM 656100.000 26.552 16.872 60.521
4640.385 5493.149 2.994 3735.342 215.499
1.001 14.872
1/26/2016 2:15:00 AM 657000.000 26.557 16.873 60.530
4640.100 5492.747 2.993 3735.068 215.513
1.001 14.872
1/26/2016 2:30:00 AM 657900.000 26.557 16.873 60.531
4640.184 5492.835 2.993 3735.128 215.509
1.001 14.869

1/26/2016 2:45:00 AM	658800.000	26.556	16.873	60.530	4639.130	5491.587
2.993	3734.280	215.558	1.001	14.870		
1/26/2016 3:00:00 AM	659700.000	26.560	16.873	60.538	4638.171	5490.453
2.992	3733.508	215.602	1.001	14.868		
1/26/2016 3:15:00 AM	660600.000	26.554	16.873	60.524	4637.489	5489.634
2.992	3732.952	215.634	1.001	14.872		
1/26/2016 3:30:00 AM	661500.000	26.548	16.873	60.512	4637.062	5489.151
2.991	3732.623	215.654	1.001	14.879		
1/26/2016 3:45:00 AM	662400.000	26.563	16.873	60.546	4637.398	5489.505
2.992	3732.864	215.638	1.001	14.864		
1/26/2016 4:00:00 AM	663300.000	26.557	16.872	60.531	4637.536	5489.755
2.992	3733.034	215.632	1.001	14.869		
1/26/2016 4:15:00 AM	664200.000	26.557	16.873	60.531	4637.917	5490.151
2.992	3733.303	215.614	1.001	14.871		
1/26/2016 4:30:00 AM	665100.000	26.558	16.872	60.534	4638.346	5490.726
2.992	3733.694	215.594	1.001	14.866		
1/26/2016 4:45:00 AM	666000.000	26.558	16.873	60.533	4638.582	5490.884
2.992	3733.801	215.583	1.001	14.871		
1/26/2016 5:00:00 AM	666900.000	26.549	16.873	60.514	4637.626	5489.786
2.992	3733.055	215.628	1.001	14.870		
1/26/2016 5:15:00 AM	667800.000	26.553	16.873	60.523	4638.346	5490.693
2.992	3733.672	215.594	1.001	14.872		
1/26/2016 5:30:00 AM	668700.000	26.558	16.873	60.534	4638.882	5491.294
2.993	3734.081	215.569	1.001	14.872		
1/26/2016 5:45:00 AM	669600.000	26.558	16.873	60.534	4637.684	5489.876
2.992	3733.116	215.625	1.001	14.871		
1/26/2016 6:00:00 AM	670500.000	26.555	16.873	60.527	4637.713	5489.855
2.992	3733.102	215.624	1.001	14.869		
1/26/2016 6:15:00 AM	671400.000	26.557	16.873	60.531	4637.862	5490.042
2.992	3733.229	215.617	1.001	14.868		
1/26/2016 6:30:00 AM	672300.000	26.558	16.873	60.534	4637.353	5489.451
2.991	3732.827	215.640	1.001	14.871		
1/26/2016 6:45:00 AM	673200.000	26.559	16.873	60.535	4636.392	5488.281
2.991	3732.031	215.685	1.001	14.865		
1/26/2016 7:00:00 AM	674100.000	26.552	16.873	60.520	4636.311	5488.272
2.991	3732.025	215.689	1.001	14.869		

1/26/2016 7:15:00 AM 675000.000 26.559 16.873 60.536
4636.377 5488.253 2.991 3732.012 215.686
1.001 14.875
1/26/2016 7:30:00 AM 675900.000 26.550 16.873 60.515
4635.709 5487.517 2.990 3731.512 215.717
1.001 14.878
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4635.835 5487.676 2.990 3731.620 215.711
1.001 14.887
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4635.316 5486.932 2.990 3731.114 215.735
1.001 14.886
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4634.503 5485.970 2.989 3730.460 215.773
1.001 14.890
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4633.360 5484.626 2.989 3729.546 215.826
1.001 14.891
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4632.824 5483.949 2.988 3729.085 215.851
1.001 14.885
1/26/2016 9:00:00 AM 681300.000 26.559 16.874 60.537
4631.600 5482.490 2.987 3728.093 215.908
1.001 14.887
1/26/2016 9:15:00 AM 682200.000 26.558 16.875 60.535
4630.958 5481.676 2.987 3727.540 215.938
1.001 14.884
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4630.370 5480.980 2.987 3727.066 215.965
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4629.390 5479.765 2.986 3726.240 216.011
1.001 14.895
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4629.708 5480.206 2.986 3726.540 215.996
1.001 14.895
1/26/2016 10:15:00 AM 685800.000 26.560 16.874 60.538
4629.399 5479.862 2.986 3726.306 216.011
1.001 14.891
1/26/2016 10:30:00 AM 686700.000 26.545 16.875 60.504
4629.533 5479.966 2.986 3726.377 216.005
1.001 14.899
1/26/2016 10:45:00 AM 687600.000 26.556 16.875 60.528
4629.053 5479.443 2.986 3726.021 216.027
1.001 14.894
1/26/2016 11:00:00 AM 688500.000 26.560 16.876 60.537
4629.249 5479.533 2.986 3726.083 216.018
1.001 14.891
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4628.647 5478.951 2.985 3725.687 216.046
1.001 14.902
1/26/2016 11:30:00 AM 690300.000 26.556 16.875 60.530
4628.204 5478.405 2.985 3725.315 216.067
1.001 14.890

1/26/2016 11:45:00 AM 691200.000 26.552 16.875 60.520
4627.976 5478.124 2.985 3725.124 216.077
1.001 14.886
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4627.256 5477.304 2.984 3724.567 216.111
1.001 14.888
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4627.693 5477.779 2.985 3724.890 216.090
1.001 14.876
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4628.256 5478.467 2.985 3725.357 216.064
1.001 14.873
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4628.012 5478.123 2.985 3725.124 216.075
1.001 14.871
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4628.666 5479.026 2.985 3725.738 216.045
1.001 14.869
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4628.872 5479.216 2.986 3725.867 216.035
1.001 14.866
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4629.580 5480.099 2.986 3726.467 216.002
1.001 14.861
1/26/2016 1:45:00 PM 698400.000 26.560 16.875 60.538
4630.401 5480.994 2.987 3727.076 215.964
1.001 14.865
1/26/2016 2:00:00 PM 699300.000 26.562 16.874 60.543
4631.075 5481.868 2.987 3727.670 215.933
1.001 14.859
1/26/2016 2:15:00 PM 700200.000 26.562 16.875 60.543
4632.402 5483.352 2.988 3728.680 215.871
1.001 14.858
1/26/2016 2:30:00 PM 701100.000 26.564 16.874 60.547
4632.954 5484.092 2.988 3729.182 215.845
1.001 14.859
1/26/2016 2:45:00 PM 702000.000 26.558 16.874 60.533
4633.762 5485.049 2.989 3729.833 215.807
1.001 14.863
1/26/2016 3:00:00 PM 702900.000 26.564 16.874 60.548
4633.185 5484.343 2.989 3729.353 215.834
1.001 14.858
1/26/2016 3:15:00 PM 703800.000 26.567 16.874 60.553
4633.659 5484.992 2.989 3729.794 215.812
1.001 14.851
1/26/2016 3:30:00 PM 704700.000 26.561 16.875 60.540
4632.913 5483.924 2.988 3729.069 215.847
1.001 14.854
1/26/2016 3:45:00 PM 705600.000 26.552 16.875 60.520
4633.211 5484.353 2.989 3729.360 215.833
1.001 14.853
1/26/2016 4:00:00 PM 706500.000 26.552 16.875 60.520
4632.212 5483.149 2.988 3728.541 215.880
1.001 14.856

1/26/2016 4:15:00 PM	707400.000	26.555	16.875	60.527
4631.675	5482.469	2.987	3728.079	215.905
1.001	14.852			
1/26/2016 4:30:00 PM	708300.000	26.553	16.875	60.522
4631.130	5481.834	2.987	3727.647	215.930
1.001	14.848			
1/26/2016 4:45:00 PM	709200.000	26.562	16.874	60.542
4630.730	5481.449	2.987	3727.386	215.949
1.001	14.851			
1/26/2016 5:00:00 PM	710100.000	26.549	16.874	60.513
4630.454	5481.122	2.987	3727.163	215.962
1.001	14.858			
1/26/2016 5:15:00 PM	711000.000	26.561	16.875	60.541
4630.411	5480.974	2.987	3727.062	215.964
1.001	14.856			
1/26/2016 5:30:00 PM	711900.000	26.542	16.875	60.498
4629.939	5480.415	2.986	3726.682	215.986
1.001	14.863			
1/26/2016 5:45:00 PM	712800.000	26.555	16.875	60.528
4630.826	5481.422	2.987	3727.367	215.944
1.001	14.856			
1/26/2016 6:00:00 PM	713700.000	26.550	16.875	60.516
4630.319	5480.844	2.986	3726.974	215.968
1.001	14.856			
1/26/2016 6:15:00 PM	714600.000	26.555	16.875	60.526
4629.665	5480.070	2.986	3726.448	215.998
1.001	14.857			
1/26/2016 6:30:00 PM	715500.000	26.559	16.875	60.535
4628.480	5478.677	2.985	3725.500	216.054
1.001	14.858			
1/26/2016 6:45:00 PM	716400.000	26.557	16.876	60.531
4628.276	5478.350	2.985	3725.278	216.063
1.001	14.860			
1/26/2016 7:00:00 PM	717300.000	26.555	16.876	60.527
4628.216	5478.300	2.985	3725.244	216.066
1.001	14.862			
1/26/2016 7:15:00 PM	718200.000	26.558	16.875	60.534
4627.162	5477.127	2.984	3724.447	216.115
1.001	14.861			
1/26/2016 7:30:00 PM	719100.000	26.555	16.876	60.528
4627.075	5476.937	2.984	3724.317	216.119
1.001	14.863			
1/26/2016 7:45:00 PM	720000.000	26.552	16.876	60.520
4626.306	5475.951	2.984	3723.647	216.155
1.001	14.871			
1/26/2016 8:00:00 PM	720900.000	26.564	16.876	60.547
4625.388	5474.887	2.983	3722.924	216.198
1.001	14.859			
1/26/2016 8:15:00 PM	721800.000	26.544	16.876	60.502
4624.374	5473.676	2.982	3722.100	216.245
1.001	14.869			
1/26/2016 8:30:00 PM	722700.000	26.558	16.877	60.534
4624.090	5473.285	2.982	3721.834	216.259
1.001	14.866			

1/26/2016 8:45:00 PM	723600.000	26.555	16.876	60.527	4622.451	5471.421	2.981
3720.566	216.335	1.001	14.870				
1/26/2016 9:00:00 PM	724500.000	26.552	16.876	60.521	4622.299	5471.220	2.981
3720.430	216.343	1.001	14.872				
1/26/2016 9:15:00 PM	725400.000	26.552	16.876	60.520	4621.613	5470.441	2.980
3719.900	216.375	1.001	14.878				
1/26/2016 9:30:00 PM	726300.000	26.554	16.877	60.525	4620.882	5469.499	2.980
3719.259	216.409	1.001	14.874				
1/26/2016 9:45:00 PM	727200.000	26.555	16.877	60.528	4621.098	5469.755	2.980
3719.434	216.399	1.001	14.873				
1/26/2016 10:00:00 PM	728100.000	26.548	16.877	60.512	4620.766	5469.362	2.980
3719.166	216.414	1.001	14.880				
1/26/2016 10:15:00 PM	729000.000	26.552	16.877	60.521	4620.696	5469.225	2.980
3719.073	216.418	1.001	14.880				
1/26/2016 10:30:00 PM	729900.000	26.556	16.878	60.529	4619.901	5468.197	2.979
3718.374	216.455	1.001	14.877				
1/26/2016 10:45:00 PM	730800.000	26.552	16.878	60.521	4619.708	5468.000	2.979
3718.241	216.464	1.001	14.883				
1/26/2016 11:00:00 PM	731700.000	26.549	16.877	60.514	4618.762	5466.924	2.978
3717.509	216.508	1.001	14.879				
1/26/2016 11:15:00 PM	732600.000	26.555	16.878	60.528	4617.837	5465.699	2.978
3716.676	216.552	1.001	14.880				
1/26/2016 11:30:00 PM	733500.000	26.546	16.878	60.507	4617.393	5465.185	2.977
3716.325	216.572	1.001	14.883				
1/26/2016 11:45:00 PM	734400.000	26.556	16.878	60.529	4616.964	5464.699	2.977
3715.995	216.593	1.001	14.882				
1/27/2016 12:00:00 AM	735300.000	26.549	16.878	60.514	4615.858	5463.390	2.976
3715.105	216.644	1.001	14.887				
1/27/2016 12:15:00 AM	736200.000	26.556	16.878	60.529	4615.448	5462.904	2.976
3714.775	216.664	1.001	14.879				
1/27/2016 12:30:00 AM	737100.000	26.558	16.878	60.533	4615.073	5462.481	2.976
3714.488	216.681	1.001	14.880				
1/27/2016 12:45:00 AM	738000.000	26.555	16.878	60.526	4614.739	5462.119	2.976
3714.241	216.697	1.001	14.880				
1/27/2016 1:00:00 AM	738900.000	26.554	16.878	60.525	4616.151	5463.758	2.977
3715.356	216.631	1.001	14.881				

1/27/2016 1:15:00 AM	739800.000	26.557	16.878	60.532	4615.441	5462.863
2.976	3714.747	216.664	1.001	14.879		
1/27/2016 1:30:00 AM	740700.000	26.549	16.878	60.514	4615.364	5462.783
2.976	3714.693	216.668	1.001	14.878		
1/27/2016 1:45:00 AM	741600.000	26.556	16.878	60.529	4614.756	5462.075
2.976	3714.211	216.696	1.001	14.877		
1/27/2016 2:00:00 AM	742500.000	26.560	16.878	60.539	4614.477	5461.712
2.975	3713.964	216.709	1.001	14.872		
1/27/2016 2:15:00 AM	743400.000	26.548	16.878	60.512	4614.731	5462.013
2.976	3714.169	216.697	1.001	14.879		
1/27/2016 2:30:00 AM	744300.000	26.559	16.878	60.536	4614.259	5461.551
2.975	3713.854	216.720	1.001	14.871		
1/27/2016 2:45:00 AM	745200.000	26.560	16.878	60.539	4615.503	5462.916
2.976	3714.783	216.661	1.001	14.870		
1/27/2016 3:00:00 AM	746100.000	26.556	16.878	60.530	4615.345	5462.803
2.976	3714.707	216.669	1.001	14.875		
1/27/2016 3:15:00 AM	747000.000	26.549	16.878	60.514	4615.257	5462.745
2.976	3714.667	216.673	1.001	14.873		
1/27/2016 3:30:00 AM	747900.000	26.553	16.878	60.524	4615.722	5463.219
2.976	3714.989	216.651	1.001	14.876		
1/27/2016 3:45:00 AM	748800.000	26.551	16.878	60.519	4615.335	5462.805
2.976	3714.707	216.669	1.001	14.871		
1/27/2016 4:00:00 AM	749700.000	26.568	16.878	60.557	4616.563	5464.169
2.977	3715.635	216.611	1.001	14.865		
1/27/2016 4:15:00 AM	750600.000	26.567	16.879	60.554	4616.438	5463.979
2.977	3715.506	216.617	1.001	14.865		
1/27/2016 4:30:00 AM	751500.000	26.560	16.878	60.539	4615.939	5463.485
2.976	3715.170	216.641	1.001	14.868		
1/27/2016 4:45:00 AM	752400.000	26.554	16.878	60.524	4616.457	5464.110
2.977	3715.595	216.616	1.001	14.866		
1/27/2016 5:00:00 AM	753300.000	26.560	16.878	60.539	4614.905	5462.229
2.976	3714.316	216.689	1.001	14.860		
1/27/2016 5:15:00 AM	754200.000	26.570	16.878	60.560	4615.564	5462.988
2.976	3714.832	216.658	1.001	14.860		
1/27/2016 5:30:00 AM	755100.000	26.556	16.879	60.530	4615.799	5463.222
2.976	3714.991	216.647	1.001	14.859		

1/27/2016 5:45:00 AM 756000.000 26.562 16.878 60.544
4615.861 5463.339 2.976 3715.071 216.644
1.001 14.858
1/27/2016 6:00:00 AM 756900.000 26.559 16.879 60.535
4616.026 5463.524 2.976 3715.197 216.637
1.001 14.864
1/27/2016 6:15:00 AM 757800.000 26.556 16.879 60.528
4616.204 5463.735 2.977 3715.340 216.628
1.001 14.862
1/27/2016 6:30:00 AM 758700.000 26.547 16.879 60.508
4616.176 5463.681 2.977 3715.303 216.630
1.001 14.867
1/27/2016 6:45:00 AM 759600.000 26.560 16.879 60.539
4615.720 5463.129 2.976 3714.928 216.651
1.001 14.862
1/27/2016 7:00:00 AM 760500.000 26.559 16.878 60.535
4615.407 5462.801 2.976 3714.705 216.666
1.001 14.865
1/27/2016 7:15:00 AM 761400.000 26.564 16.878 60.549
4615.448 5462.895 2.976 3714.769 216.664
1.001 14.861
1/27/2016 7:30:00 AM 762300.000 26.563 16.878 60.546
4615.435 5462.867 2.976 3714.750 216.664
1.001 14.867
1/27/2016 7:45:00 AM 763200.000 26.563 16.879 60.544
4614.197 5461.284 2.975 3713.674 216.722
1.001 14.871
1/27/2016 8:00:00 AM 764100.000 26.554 16.879 60.526
4613.427 5460.415 2.975 3713.082 216.759
1.001 14.871
1/27/2016 8:15:00 AM 765000.000 26.562 16.879 60.543
4612.848 5459.654 2.974 3712.565 216.786
1.001 14.869
1/27/2016 8:30:00 AM 765900.000 26.555 16.879 60.526
4612.412 5459.182 2.974 3712.244 216.806
1.001 14.873
1/27/2016 8:45:00 AM 766800.000 26.556 16.879 60.530
4611.923 5458.667 2.974 3711.894 216.829
1.001 14.877
1/27/2016 9:00:00 AM 767700.000 26.554 16.879 60.525
4612.273 5459.029 2.974 3712.140 216.813
1.001 14.876
1/27/2016 9:15:00 AM 768600.000 26.560 16.880 60.538
4611.030 5457.493 2.973 3711.095 216.871
1.001 14.873
1/27/2016 9:30:00 AM 769500.000 26.552 16.880 60.520
4610.531 5456.827 2.973 3710.642 216.895
1.001 14.874
1/27/2016 9:45:00 AM 770400.000 26.553 16.880 60.522
4609.637 5455.844 2.972 3709.974 216.937
1.001 14.882
1/27/2016 10:00:00 AM 771300.000 26.561 16.880 60.541
4609.797 5456.021 2.972 3710.095 216.929
1.001 14.876

1/27/2016 10:15:00 AM	772200.000	26.557	16.880	60.532	4609.226	5455.282	2.972
3709.592	216.956	1.001	14.877				
1/27/2016 10:30:00 AM	773100.000	26.561	16.880	60.540	4608.456	5454.391	2.971
3708.986	216.992	1.001	14.878				
1/27/2016 10:45:00 AM	774000.000	26.562	16.880	60.543	4608.877	5454.899	2.971
3709.332	216.973	1.001	14.874				
1/27/2016 11:00:00 AM	774900.000	26.551	16.880	60.518	4608.597	5454.537	2.971
3709.085	216.986	1.001	14.878				
1/27/2016 11:15:00 AM	775800.000	26.554	16.880	60.526	4607.520	5453.241	2.970
3708.204	217.036	1.001	14.877				
1/27/2016 11:30:00 AM	776700.000	26.555	16.881	60.527	4607.408	5453.054	2.970
3708.077	217.042	1.001	14.871				
1/27/2016 11:45:00 AM	777600.000	26.559	16.880	60.536	4606.959	5452.620	2.970
3707.782	217.063	1.001	14.871				
1/27/2016 12:00:00 PM	778500.000	26.554	16.880	60.524	4607.827	5453.668	2.971
3708.495	217.022	1.001	14.871				
1/27/2016 12:15:00 PM	779400.000	26.562	16.880	60.544	4607.687	5453.447	2.971
3708.344	217.029	1.001	14.862				
1/27/2016 12:30:00 PM	780300.000	26.563	16.880	60.545	4608.869	5454.868	2.971
3709.311	216.973	1.001	14.854				
1/27/2016 12:45:00 PM	781200.000	26.560	16.881	60.539	4608.752	5454.635	2.971
3709.152	216.978	1.001	14.858				
1/27/2016 1:00:00 PM	782100.000	26.558	16.880	60.534	4609.200	5455.272	2.972
3709.585	216.957	1.001	14.856				
1/27/2016 1:15:00 PM	783000.000	26.559	16.880	60.536	4609.319	5455.380	2.972
3709.659	216.952	1.001	14.854				
1/27/2016 1:30:00 PM	783900.000	26.559	16.879	60.536	4609.996	5456.290	2.972
3710.278	216.920	1.001	14.855				
1/27/2016 1:45:00 PM	784800.000	26.557	16.880	60.532	4610.555	5456.909	2.973
3710.698	216.894	1.001	14.857				
1/27/2016 2:00:00 PM	785700.000	26.563	16.880	60.545	4610.811	5457.179	2.973
3710.882	216.882	1.001	14.855				
1/27/2016 2:15:00 PM	786600.000	26.556	16.880	60.528	4611.484	5457.942	2.973
3711.401	216.850	1.001	14.859				
1/27/2016 2:30:00 PM	787500.000	26.540	16.880	60.493	4611.511	5458.028	2.973
3711.459	216.849	1.001	14.863				

1/27/2016 2:45:00 PM	788400.000	26.560	16.880	60.537
4610.725	5457.043	2.973	3710.790	216.886
1.001	14.853			
1/27/2016 3:00:00 PM	789300.000	26.559	16.880	60.535
4610.007	5456.270	2.972	3710.263	216.919
1.001	14.853			
1/27/2016 3:15:00 PM	790200.000	26.553	16.881	60.523
4609.858	5455.933	2.972	3710.034	216.926
1.001	14.852			
1/27/2016 3:30:00 PM	791100.000	26.548	16.880	60.510
4608.491	5454.378	2.971	3708.978	216.991
1.001	14.849			
1/27/2016 3:45:00 PM	792000.000	26.568	16.880	60.556
4608.350	5454.254	2.971	3708.893	216.997
1.001	14.845			
1/27/2016 4:00:00 PM	792900.000	26.561	16.881	60.542
4608.527	5454.357	2.971	3708.963	216.989
1.001	14.846			
1/27/2016 4:15:00 PM	793800.000	26.549	16.881	60.513
4608.473	5454.314	2.971	3708.934	216.992
1.001	14.855			
1/27/2016 4:30:00 PM	794700.000	26.563	16.880	60.546
4608.593	5454.500	2.971	3709.060	216.986
1.001	14.846			
1/27/2016 4:45:00 PM	795600.000	26.550	16.880	60.515
4608.359	5454.298	2.971	3708.923	216.997
1.001	14.857			
1/27/2016 5:00:00 PM	796500.000	26.559	16.881	60.536
4607.833	5453.589	2.971	3708.440	217.022
1.001	14.853			
1/27/2016 5:15:00 PM	797400.000	26.542	16.880	60.498
4606.704	5452.339	2.970	3707.591	217.075
1.001	14.862			
1/27/2016 5:30:00 PM	798300.000	26.553	16.881	60.523
4606.759	5452.275	2.970	3707.547	217.072
1.001	14.859			
1/27/2016 5:45:00 PM	799200.000	26.552	16.881	60.521
4606.242	5451.641	2.970	3707.116	217.097
1.001	14.858			
1/27/2016 6:00:00 PM	800100.000	26.562	16.881	60.543
4606.146	5451.495	2.969	3707.017	217.101
1.001	14.850			
1/27/2016 6:15:00 PM	801000.000	26.554	16.881	60.524
4605.091	5450.269	2.969	3706.183	217.151
1.001	14.859			
1/27/2016 6:30:00 PM	801900.000	26.555	16.880	60.526
4604.988	5450.245	2.969	3706.167	217.156
1.001	14.860			
1/27/2016 6:45:00 PM	802800.000	26.548	16.881	60.511
4604.533	5449.608	2.968	3705.734	217.177
1.001	14.867			
1/27/2016 7:00:00 PM	803700.000	26.547	16.881	60.510
4604.264	5449.333	2.968	3705.547	217.190
1.001	14.861			

1/27/2016 7:15:00 PM	804600.000	26.550	16.881	60.516
4603.543	5448.393	2.968	3704.907	217.224
1.001	14.869			
1/27/2016 7:30:00 PM	805500.000	26.555	16.882	60.526
4601.607	5446.026	2.966	3703.298	217.315
1.001	14.862			
1/27/2016 7:45:00 PM	806400.000	26.553	16.881	60.523
4601.590	5446.081	2.966	3703.335	217.316
1.001	14.869			
1/27/2016 8:00:00 PM	807300.000	26.557	16.882	60.531
4600.609	5444.878	2.966	3702.517	217.363
1.001	14.866			
1/27/2016 8:15:00 PM	808200.000	26.552	16.882	60.521
4600.395	5444.581	2.965	3702.315	217.373
1.001	14.867			
1/27/2016 8:30:00 PM	809100.000	26.547	16.882	60.509
4599.129	5443.115	2.965	3701.319	217.432
1.001	14.872			
1/27/2016 8:45:00 PM	810000.000	26.547	16.882	60.508
4598.725	5442.625	2.964	3700.985	217.452
1.001	14.876			
1/27/2016 9:00:00 PM	810900.000	26.548	16.883	60.510
4598.623	5442.387	2.964	3700.823	217.456
1.001	14.872			
1/27/2016 9:15:00 PM	811800.000	26.551	16.882	60.518
4599.190	5443.188	2.965	3701.368	217.430
1.001	14.870			
1/27/2016 9:30:00 PM	812700.000	26.551	16.882	60.518
4598.021	5441.739	2.964	3700.383	217.485
1.001	14.873			
1/27/2016 9:45:00 PM	813600.000	26.552	16.883	60.521
4597.598	5441.227	2.964	3700.035	217.505
1.001	14.869			
1/27/2016 10:00:00 PM	814500.000	26.549	16.883	60.513
4597.280	5440.819	2.963	3699.757	217.520
1.001	14.875			
1/27/2016 10:15:00 PM	815400.000	26.553	16.883	60.523
4596.799	5440.250	2.963	3699.370	217.543
1.001	14.876			
1/27/2016 10:30:00 PM	816300.000	26.560	16.883	60.538
4595.594	5438.780	2.962	3698.371	217.600
1.001	14.871			
1/27/2016 10:45:00 PM	817200.000	26.554	16.883	60.524
4596.910	5440.371	2.963	3699.452	217.537
1.001	14.875			
1/27/2016 11:00:00 PM	818100.000	26.548	16.883	60.511
4596.016	5439.248	2.962	3698.689	217.580
1.001	14.877			
1/27/2016 11:15:00 PM	819000.000	26.552	16.883	60.520
4595.448	5438.576	2.962	3698.232	217.607
1.001	14.875			
1/27/2016 11:30:00 PM	819900.000	26.549	16.883	60.513
4595.363	5438.539	2.962	3698.207	217.611
1.001	14.879			

1/27/2016 11:45:00 PM	820800.000	26.553	16.883	60.522
4594.897	5437.956	2.962	3697.810	217.633
1.001	14.872			

Report Date: 2/1/2016 10:39:09 AM
Report User Name: KMakar
Report Computer Name: WKST46
Application: WinSitu.exe
Application Version: 5.6.25.0

Log File Properties:
File Name: MPWSP TSW Trans 2_2016-01-28_13-53-32-975.wsl
Create Date: 1/28/2016 1:52:31 PM

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

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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

Log Data:
Record Count: 969
Sensors: 1
1 - 396433: PCTD 100 PSIG (70m/231ft)
Time Zone: Pacific Standard Time

Sensor: PCTD(G) 231ft Sensor: PCTD(G) 231ft Sensor: PCTD(G) 231ft Sensor: PCTD(G) 231ft Sensor: PCTD(G) 231ft Sensor: PCTD(G) 231ft Sensor: PCTD(G) 231ft Sensor: PCTD(G) 231ft Sensor: PCTD(G) 231ft
Elapsed Time SN#: 396433 SN#: 396433 SN#: 396433 SN#: 396433 SN#: 396433 SN#: 396433 SN#: 396433 SN#: 396433 SN#: 396433
Date and Time Seconds Pressure (PSI) Temperature (C) Depth (ft) Actual Conductivity (µS) Specific Conductivity (µS) Salinity (PSU) Total Dissolved Solids (ppt)

Resistivity (ohm-cm) Water Density (g/cm3)

1/21/2016 12:00:00 AM 216900.000 14.271 15.233 32.146
38001.680 46716.320 30.397 31.767 26.315
1.022
1/21/2016 12:15:00 AM 217800.000 14.218 15.226 32.028
38022.852 46749.836 30.421 31.790 26.300
1.022
1/21/2016 12:30:00 AM 218700.000 14.157 15.226 31.889
37990.934 46711.664 30.393 31.764 26.322
1.022
1/21/2016 12:45:00 AM 219600.000 14.121 15.220 31.808
38028.777 46763.832 30.430 31.799 26.296
1.022
1/21/2016 1:00:00 AM 220500.000 14.045 15.216 31.639
38045.152 46788.438 30.448 31.816 26.285
1.022
1/21/2016 1:15:00 AM 221400.000 14.030 15.213 31.604
38037.137 46782.094 30.443 31.812 26.290
1.022
1/21/2016 1:30:00 AM 222300.000 14.019 15.214 31.579
38037.074 46780.742 30.442 31.811 26.290
1.022
1/21/2016 1:45:00 AM 223200.000 13.962 15.213 31.450
38019.402 46760.672 30.427 31.797 26.302
1.022
1/21/2016 2:00:00 AM 224100.000 13.998 15.210 31.531
38019.270 46764.008 30.430 31.800 26.302
1.022
1/21/2016 2:15:00 AM 225000.000 13.967 15.212 31.461
37972.566 46704.242 30.387 31.759 26.335
1.022
1/21/2016 2:30:00 AM 225900.000 14.018 15.214 31.576
38006.824 46743.445 30.415 31.786 26.311
1.022
1/21/2016 2:45:00 AM 226800.000 14.141 15.227 31.855
37960.977 46672.680 30.365 31.737 26.343
1.022
1/21/2016 3:00:00 AM 227700.000 14.166 15.233 31.910
37960.824 46666.582 30.361 31.733 26.343
1.022
1/21/2016 3:15:00 AM 228600.000 14.224 15.234 32.042
37919.926 46614.652 30.323 31.698 26.371
1.022
1/21/2016 3:30:00 AM 229500.000 14.258 15.233 32.118
37950.570 46654.074 30.352 31.725 26.350
1.022
1/21/2016 3:45:00 AM 230400.000 14.212 15.239 32.015
37915.988 46604.777 30.316 31.691 26.374
1.022
1/21/2016 4:00:00 AM 231300.000 14.238 15.238 32.072
37914.480 46603.883 30.316 31.691 26.375
1.022

1/21/2016 4:15:00 AM	232200.000	14.179	15.235	31.939
37947.266	46648.066	30.347	31.721	26.352
1.022				
1/21/2016 4:30:00 AM	233100.000	14.169	15.236	31.916
37915.832	46607.672	30.318	31.693	26.374
1.022				
1/21/2016 4:45:00 AM	234000.000	14.194	15.230	31.973
37914.816	46612.727	30.322	31.697	26.375
1.022				
1/21/2016 5:00:00 AM	234900.000	14.201	15.230	31.989
37916.172	46615.277	30.323	31.698	26.374
1.022				
1/21/2016 5:15:00 AM	235800.000	14.173	15.231	31.927
37957.090	46663.941	30.359	31.731	26.346
1.022				
1/21/2016 5:30:00 AM	236700.000	14.190	15.232	31.964
37926.070	46624.535	30.330	31.705	26.367
1.022				
1/21/2016 5:45:00 AM	237600.000	14.213	15.235	32.017
37853.387	46531.695	30.263	31.642	26.418
1.022				
1/21/2016 6:00:00 AM	238500.000	14.180	15.234	31.941
37868.332	46551.137	30.277	31.655	26.407
1.022				
1/21/2016 6:15:00 AM	239400.000	14.177	15.233	31.934
37908.313	46602.219	30.314	31.690	26.379
1.022				
1/21/2016 6:30:00 AM	240300.000	14.204	15.233	31.996
37877.668	46564.262	30.287	31.664	26.401
1.022				
1/21/2016 6:45:00 AM	241200.000	14.206	15.233	32.001
37949.781	46652.625	30.351	31.724	26.351
1.022				
1/21/2016 7:00:00 AM	242100.000	14.258	15.236	32.118
37884.109	46569.262	30.291	31.667	26.396
1.022				
1/21/2016 7:15:00 AM	243000.000	14.264	15.231	32.132
37896.020	46588.559	30.304	31.680	26.388
1.022				
1/21/2016 7:30:00 AM	243900.000	14.183	15.234	31.948
37900.977	46591.750	30.307	31.682	26.385
1.022				
1/21/2016 7:45:00 AM	244800.000	14.219	15.235	32.030
37887.566	46574.680	30.294	31.671	26.394
1.022				
1/21/2016 8:00:00 AM	245700.000	14.240	15.235	32.077
37855.848	46535.113	30.266	31.644	26.416
1.022				
1/21/2016 8:15:00 AM	246600.000	14.281	15.232	32.169
37860.563	46543.801	30.272	31.650	26.413
1.022				
1/21/2016 8:30:00 AM	247500.000	14.301	15.233	32.214
37858.129	46539.660	30.269	31.647	26.414
1.022				
1/21/2016 8:45:00 AM	248400.000	14.335	15.236	32.291

37885.590	46570.605	30.292	31.668	26.395	1.022	
1/21/2016 9:00:00 AM	249300.000	14.399	15.239	32.434	37814.137	46479.973
30.226	31.606	26.445	1.022			
1/21/2016 9:15:00 AM	250200.000	14.438	15.237	32.523	37800.125	46464.383
30.215	31.596	26.455	1.022			
1/21/2016 9:30:00 AM	251100.000	14.424	15.241	32.492	37818.730	46482.801
30.228	31.608	26.442	1.022			
1/21/2016 9:45:00 AM	252000.000	14.346	15.235	32.315	37835.195	46509.816
30.248	31.627	26.430	1.022			
1/21/2016 10:00:00 AM	252900.000	14.383	15.236	32.400	37813.859	46482.996
30.228	31.608	26.445	1.022			
1/21/2016 10:15:00 AM	253800.000	14.433	15.233	32.513	37810.871	46482.430
30.228	31.608	26.447	1.022			
1/21/2016 10:30:00 AM	254700.000	14.341	15.226	32.304	37865.859	46556.902
30.281	31.659	26.409	1.022			
1/21/2016 10:45:00 AM	255600.000	14.275	15.225	32.155	37878.852	46573.945
30.293	31.670	26.400	1.022			
1/21/2016 11:00:00 AM	256500.000	14.292	15.220	32.195	37905.434	46612.641
30.321	31.697	26.381	1.022			
1/21/2016 11:15:00 AM	257400.000	14.194	15.214	31.972	37918.160	46635.277
30.337	31.712	26.373	1.022			
1/21/2016 11:30:00 AM	258300.000	14.150	15.205	31.875	37897.934	46620.102
30.325	31.702	26.387	1.022			
1/21/2016 11:45:00 AM	259200.000	14.051	15.200	31.651	37966.434	46709.617
30.390	31.763	26.339	1.022			
1/21/2016 12:00:00 PM	260100.000	14.080	15.193	31.717	37986.434	46742.109
30.413	31.785	26.325	1.022			
1/21/2016 12:15:00 PM	261000.000	14.035	15.193	31.616	37997.895	46755.824
30.423	31.794	26.317	1.022			
1/21/2016 12:30:00 PM	261900.000	13.977	15.192	31.485	37951.180	46699.992
30.382	31.756	26.350	1.022			
1/21/2016 12:45:00 PM	262800.000	13.889	15.185	31.287	37943.949	46698.590
30.381	31.755	26.355	1.022			
1/21/2016 1:00:00 PM	263700.000	13.836	15.176	31.167	38020.906	46802.949
30.455	31.826	26.301	1.022			
1/21/2016 1:15:00 PM	264600.000	13.853	15.176	31.204	37975.535	46746.992
30.415	31.788	26.333				

1.022
1/21/2016 1:30:00 PM 265500.000 13.732 15.171 30.932
38001.746 46785.305 30.442 31.814 26.315
1.022
1/21/2016 1:45:00 PM 266400.000 13.725 15.171 30.917
37997.055 46779.438 30.438 31.810 26.318
1.022
1/21/2016 2:00:00 PM 267300.000 13.693 15.169 30.845
37955.559 46729.910 30.402 31.776 26.347
1.022
1/21/2016 2:15:00 PM 268200.000 13.659 15.168 30.767
37950.371 46724.586 30.398 31.773 26.350
1.022
1/21/2016 2:30:00 PM 269100.000 13.670 15.171 30.793
37983.156 46761.836 30.425 31.798 26.327
1.022
1/21/2016 2:45:00 PM 270000.000 13.724 15.167 30.914
37956.957 46733.957 30.405 31.779 26.346
1.022
1/21/2016 3:00:00 PM 270900.000 13.792 15.177 31.069
37953.902 46719.191 30.395 31.769 26.348
1.022
1/21/2016 3:15:00 PM 271800.000 13.909 15.186 31.332
37919.125 46667.059 30.358 31.734 26.372
1.022
1/21/2016 3:30:00 PM 272700.000 13.919 15.184 31.354
37914.902 46663.133 30.355 31.731 26.375
1.022
1/21/2016 3:45:00 PM 273600.000 14.017 15.196 31.574
37921.348 46658.816 30.353 31.728 26.370
1.022
1/21/2016 4:00:00 PM 274500.000 13.980 15.195 31.492
37878.980 46607.656 30.315 31.693 26.400
1.022
1/21/2016 4:15:00 PM 275400.000 13.990 15.194 31.514
37904.195 46639.074 30.338 31.715 26.382
1.022
1/21/2016 4:30:00 PM 276300.000 13.995 15.192 31.526
37904.969 46642.352 30.340 31.717 26.382
1.022
1/21/2016 4:45:00 PM 277200.000 13.983 15.189 31.499
37956.035 46709.176 30.388 31.762 26.346
1.022
1/21/2016 5:00:00 PM 278100.000 13.945 15.190 31.412
37880.156 46613.859 30.320 31.697 26.399
1.022
1/21/2016 5:15:00 PM 279000.000 13.882 15.188 31.271
37864.305 46596.586 30.307 31.686 26.410
1.022
1/21/2016 5:30:00 PM 279900.000 13.883 15.190 31.273
37897.570 46636.164 30.336 31.713 26.387
1.022
1/21/2016 5:45:00 PM 280800.000 13.840 15.181 31.176
37890.953 46637.238 30.336 31.713 26.392
1.022

1/21/2016 6:00:00 PM	281700.000	13.823	15.183	31.137
37854.297	46590.098	30.302	31.681	26.417
1.022				
1/21/2016 6:15:00 PM	282600.000	13.833	15.182	31.160
37858.230	46595.813	30.306	31.685	26.414
1.022				
1/21/2016 6:30:00 PM	283500.000	13.802	15.180	31.090
37879.914	46625.117	30.327	31.705	26.399
1.022				
1/21/2016 6:45:00 PM	284400.000	13.828	15.182	31.150
37868.703	46608.895	30.315	31.694	26.407
1.022				
1/21/2016 7:00:00 PM	285300.000	13.857	15.185	31.213
37896.551	46639.563	30.338	31.715	26.388
1.022				
1/21/2016 7:15:00 PM	286200.000	13.870	15.188	31.243
37852.992	46583.047	30.297	31.676	26.418
1.022				
1/21/2016 7:30:00 PM	287100.000	13.855	15.187	31.210
37865.391	46599.566	30.309	31.688	26.409
1.022				
1/21/2016 7:45:00 PM	288000.000	13.867	15.188	31.237
37853.277	46583.496	30.298	31.677	26.418
1.022				
1/21/2016 8:00:00 PM	288900.000	13.849	15.190	31.195
37836.918	46561.035	30.281	31.662	26.429
1.022				
1/21/2016 8:15:00 PM	289800.000	13.947	15.196	31.416
37829.441	46545.340	30.270	31.651	26.434
1.022				
1/21/2016 8:30:00 PM	290700.000	13.885	15.199	31.278
37792.344	46496.020	30.235	31.617	26.460
1.022				
1/21/2016 8:45:00 PM	291600.000	13.937	15.197	31.395
37827.438	46541.414	30.268	31.648	26.436
1.022				
1/21/2016 9:00:00 PM	292500.000	13.940	15.198	31.401
37832.109	46546.012	30.271	31.651	26.433
1.022				
1/21/2016 9:15:00 PM	293400.000	13.909	15.202	31.332
37775.898	46472.688	30.218	31.601	26.472
1.022				
1/21/2016 9:30:00 PM	294300.000	13.880	15.201	31.265
37797.469	46500.293	30.238	31.620	26.457
1.022				
1/21/2016 9:45:00 PM	295200.000	13.906	15.202	31.325
37743.461	46432.691	30.189	31.574	26.495
1.022				
1/21/2016 10:00:00 PM	296100.000	13.942	15.203	31.405
37769.316	46464.207	30.212	31.596	26.477
1.022				
1/21/2016 10:15:00 PM	297000.000	13.891	15.201	31.291
37818.777	46527.184	30.258	31.638	26.442
1.022				
1/21/2016 10:30:00 PM	297900.000	13.889	15.202	31.287

37759.688	46453.520	30.204	31.588	26.483	1.022	
1/21/2016 10:45:00 PM	298800.000	13.936	15.198	31.391	37805.746	46514.051
30.248	31.630	26.451	1.022			
1/21/2016 11:00:00 PM	299700.000	13.900	15.201	31.312	37786.477	46487.555
30.229	31.612	26.464	1.022			
1/21/2016 11:15:00 PM	300600.000	13.846	15.195	31.189	37830.039	46547.535
30.272	31.652	26.434	1.022			
1/21/2016 11:30:00 PM	301500.000	13.897	15.196	31.305	37806.656	46517.215
30.250	31.632	26.450	1.022			
1/21/2016 11:45:00 PM	302400.000	13.889	15.190	31.286	37797.883	46512.809
30.247	31.629	26.457	1.022			
1/22/2016 12:00:00 AM	303300.000	13.806	15.191	31.100	37773.910	46482.148
30.224	31.608	26.473	1.022			
1/22/2016 12:15:00 AM	304200.000	13.732	15.183	30.932	37795.367	46517.852
30.250	31.632	26.458	1.022			
1/22/2016 12:30:00 AM	305100.000	13.731	15.186	30.930	37819.859	46544.895
30.269	31.651	26.441	1.022			
1/22/2016 12:45:00 AM	306000.000	13.640	15.179	30.726	37838.227	46575.156
30.291	31.671	26.428	1.022			
1/22/2016 1:00:00 AM	306900.000	13.564	15.179	30.554	37815.418	46547.176
30.271	31.652	26.444	1.022			
1/22/2016 1:15:00 AM	307800.000	13.534	15.174	30.486	37790.957	46521.617
30.252	31.635	26.461	1.022			
1/22/2016 1:30:00 AM	308700.000	13.541	15.176	30.503	37818.875	46554.250
30.276	31.657	26.442	1.022			
1/22/2016 1:45:00 AM	309600.000	13.463	15.172	30.327	37813.801	46552.070
30.274	31.655	26.445	1.022			
1/22/2016 2:00:00 AM	310500.000	13.530	15.174	30.478	37800.637	46533.844
30.261	31.643	26.455	1.022			
1/22/2016 2:15:00 AM	311400.000	13.486	15.173	30.380	37786.750	46518.203
30.249	31.632	26.464	1.022			
1/22/2016 2:30:00 AM	312300.000	13.474	15.171	30.351	37797.082	46532.457
30.259	31.642	26.457	1.022			
1/22/2016 2:45:00 AM	313200.000	13.823	15.193	31.138	37748.402	46449.109
30.201	31.585	26.491	1.022			
1/22/2016 3:00:00 AM	314100.000	13.853	15.197	31.206	37714.832	46403.742
30.168	31.555	26.515				

1.022
1/22/2016 3:15:00 AM 315000.000 13.908 15.197 31.330
37738.395 46431.961 30.189 31.574 26.498
1.022
1/22/2016 3:30:00 AM 315900.000 13.906 15.194 31.325
37771.305 46476.125 30.220 31.604 26.475
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1/22/2016 3:45:00 AM 316800.000 13.863 15.196 31.228
37757.672 46456.844 30.207 31.591 26.485
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1/22/2016 4:30:00 AM 319500.000 13.919 15.202 31.354
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1/22/2016 5:00:00 AM 321300.000 13.949 15.205 31.423
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1.022
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37686.777 46361.895 30.138 31.526 26.535
1.022
1/22/2016 5:30:00 AM 323100.000 14.013 15.202 31.565
37703.609 46383.758 30.154 31.541 26.523
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1/22/2016 5:45:00 AM 324000.000 14.072 15.201 31.699
37720.254 46406.082 30.170 31.556 26.511
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1/22/2016 6:00:00 AM 324900.000 14.114 15.206 31.794
37695.574 46370.113 30.144 31.532 26.528
1.022
1/22/2016 6:15:00 AM 325800.000 14.033 15.205 31.611
37739.582 46425.496 30.184 31.569 26.497
1.022
1/22/2016 6:30:00 AM 326700.000 13.991 15.199 31.515
37721.617 46409.867 30.173 31.559 26.510
1.022
1/22/2016 6:45:00 AM 327600.000 14.004 15.205 31.546
37695.836 46370.918 30.145 31.532 26.528
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1/22/2016 7:00:00 AM 328500.000 13.990 15.202 31.514
37707.289 46388.574 30.158 31.544 26.520
1.022
1/22/2016 7:15:00 AM 329400.000 14.051 15.199 31.650
37745.348 46438.199 30.193 31.578 26.493
1.022
1/22/2016 7:30:00 AM 330300.000 13.991 15.203 31.515
37672.738 46345.105 30.126 31.515 26.544
1.022

1/22/2016 7:45:00 AM	331200.000	14.153	15.202	31.882	37735.984	46423.492
30.183	31.568	26.500	1.022			
1/22/2016 8:00:00 AM	332100.000	14.176	15.206	31.933	37656.160	46321.719
30.109	31.499	26.556	1.022			
1/22/2016 8:15:00 AM	333000.000	14.185	15.206	31.952	37677.855	46348.320
30.129	31.517	26.541	1.022			
1/22/2016 8:30:00 AM	333900.000	14.196	15.203	31.979	37732.996	46419.426
30.180	31.565	26.502	1.022			
1/22/2016 8:45:00 AM	334800.000	14.218	15.207	32.028	37701.434	46376.066
30.149	31.536	26.524	1.022			
1/22/2016 9:00:00 AM	335700.000	14.361	15.206	32.349	37699.387	46374.316
30.148	31.535	26.526	1.022			
1/22/2016 9:15:00 AM	336600.000	14.303	15.206	32.219	37690.199	46363.320
30.140	31.527	26.532	1.022			
1/22/2016 9:30:00 AM	337500.001	14.347	15.205	32.318	37653.922	46319.648
30.108	31.497	26.558	1.022			
1/22/2016 9:45:00 AM	338400.000	14.414	15.207	32.468	37699.977	46374.559
30.148	31.535	26.525	1.022			
1/22/2016 10:00:00 AM	339300.000	14.376	15.200	32.384	37668.438	46343.387
30.125	31.514	26.547	1.022			
1/22/2016 10:15:00 AM	340200.000	14.366	15.199	32.360	37703.145	46386.578
30.156	31.543	26.523	1.022			
1/22/2016 10:30:00 AM	341100.000	14.414	15.201	32.469	37655.789	46326.102
30.112	31.502	26.556	1.022			
1/22/2016 10:45:00 AM	342000.000	14.345	15.191	32.313	37702.816	46394.566
30.161	31.548	26.523	1.022			
1/22/2016 11:00:00 AM	342900.000	14.292	15.190	32.194	37645.469	46325.543
30.111	31.501	26.564	1.022			
1/22/2016 11:15:00 AM	343800.000	14.341	15.184	32.304	37714.570	46416.961
30.177	31.564	26.515	1.022			
1/22/2016 11:30:00 AM	344700.000	14.195	15.182	31.977	37723.277	46430.086
30.186	31.572	26.509	1.022			
1/22/2016 11:45:00 AM	345600.000	14.220	15.173	32.032	37763.652	46489.273
30.228	31.613	26.480	1.022			
1/22/2016 12:00:00 PM	346500.000	14.198	15.169	31.982	37762.848	46493.023
30.231	31.615	26.481	1.022			
1/22/2016 12:15:00 PM	347400.000	14.141	15.165	31.855		

37841.258 46593.656 30.303 31.684 26.426
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1/22/2016 12:30:00 PM 348300.000 14.106 15.160 31.776
37792.332 46539.117 30.263 31.647 26.460
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37830.895 46588.066 30.299 31.680 26.433
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1/22/2016 1:30:00 PM 351900.000 13.958 15.146 31.441
37845.191 46619.367 30.321 31.701 26.423
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1/22/2016 1:45:00 PM 352800.000 14.031 15.137 31.607
37868.371 46657.664 30.348 31.727 26.407
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1/22/2016 2:00:00 PM 353700.000 13.956 15.136 31.437
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1/22/2016 3:00:00 PM 357300.000 14.305 15.159 32.224
37773.383 46516.656 30.247 31.631 26.474
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37740.840 46481.246 30.221 31.607 26.496
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1/22/2016 3:30:00 PM 359100.000 14.250 15.149 32.098
37797.215 46557.176 30.276 31.659 26.457
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37706.758 46446.531 30.196 31.584 26.520

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1/22/2016 5:00:00 PM 364500.000 14.211 15.138 32.012
37821.508 46599.145 30.305 31.687 26.440
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1/22/2016 5:15:00 PM 365400.000 14.107 15.137 31.777
37810.832 46586.871 30.296 31.679 26.447
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1/22/2016 5:30:00 PM 366300.000 14.234 15.137 32.063
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1/22/2016 8:15:00 PM 376200.000 14.326 15.150 32.271
37691.500 46426.184 30.181 31.570 26.531
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1/22/2016 8:30:00 PM 377100.000 14.450 15.153 32.550
37687.816 46417.574 30.175 31.564 26.534
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1/22/2016 8:45:00 PM 378000.000 14.458 15.156 32.567
37672.113 46394.945 30.159 31.549 26.545
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1/22/2016 9:00:00 PM 378900.000 14.407 15.153 32.453
37697.797 46430.457 30.184 31.573 26.527
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1/22/2016 9:15:00 PM 379800.000 14.489 15.156 32.638
37657.305 46377.199 30.146 31.536 26.555
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1/22/2016 9:45:00 PM	381600.000	14.400	15.156	32.437
37635.078	46349.242	30.126	31.517	26.571
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1/22/2016 10:00:00 PM	382500.000	14.436	15.152	32.518
37648.660	46370.715	30.141	31.532	26.561
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1/22/2016 10:15:00 PM	383400.000	14.417	15.148	32.475
37728.758	46474.105	30.216	31.602	26.505
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1/22/2016 10:30:00 PM	384300.000	14.379	15.146	32.389
37692.047	46431.219	30.184	31.573	26.531
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1/22/2016 10:45:00 PM	385200.000	14.322	15.145	32.263
37669.016	46404.098	30.165	31.555	26.547
1.022				
1/22/2016 11:00:00 PM	386100.000	14.322	15.139	32.261
37761.223	46523.414	30.251	31.636	26.482
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1/22/2016 11:15:00 PM	387000.000	14.321	15.142	32.260
37697.344	46441.219	30.191	31.580	26.527
1.022				
1/22/2016 11:30:00 PM	387900.000	14.198	15.134	31.982
37794.168	46570.320	30.284	31.668	26.459
1.022				
1/22/2016 11:45:00 PM	388800.000	14.222	15.135	32.037
37766.840	46535.184	30.259	31.644	26.478
1.022				
1/23/2016 12:00:00 AM	389700.000	24.781	15.424	55.821
38384.664	46976.680	30.599	31.944	26.052
1.022				
1/23/2016 12:15:00 AM	390600.000	25.234	15.135	56.842
38840.664	47857.816	31.217	32.543	25.746
1.023				
1/23/2016 12:30:00 AM	391500.000	25.479	15.233	57.395
39257.730	48260.309	31.517	32.817	25.473
1.023				
1/23/2016 12:45:00 AM	392400.000	25.667	15.239	57.818
39420.816	48454.344	31.659	32.949	25.367
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1/23/2016 1:00:00 AM	393300.000	25.801	15.157	58.119
39770.875	48979.266	32.035	33.306	25.144
1.024				
1/23/2016 1:15:00 AM	394200.000	25.914	15.151	58.375
39916.246	49165.055	32.170	33.432	25.052
1.024				
1/23/2016 1:30:00 AM	395100.000	25.986	15.069	58.535
40130.805	49524.445	32.426	33.677	24.919
1.024				
1/23/2016 1:45:00 AM	396000.000	26.073	14.984	58.733
40287.102	49817.074	32.633	33.876	24.822
1.024				
1/23/2016 2:00:00 AM	396900.000	26.154	14.912	58.914

40485.551	50148.211	32.869	34.101	24.700	1.024	
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33.021	34.246	24.631	1.024			
1/23/2016 2:30:00 AM	398700.000	26.258	14.811	59.149	40633.914	50452.027
33.083	34.307	24.610	1.025			
1/23/2016 2:45:00 AM	399600.000	26.306	14.769	59.256	40707.957	50595.309
33.185	34.405	24.565	1.025			
1/23/2016 3:00:00 AM	400500.000	26.357	14.729	59.372	40777.277	50729.270
33.279	34.496	24.523	1.025			
1/23/2016 3:15:00 AM	401400.000	26.372	14.760	59.405	40804.246	50725.465
33.279	34.493	24.507	1.025			
1/23/2016 3:30:00 AM	402300.000	26.413	14.813	59.498	40876.879	50751.883
33.303	34.511	24.464	1.025			
1/23/2016 3:45:00 AM	403200.000	26.467	14.736	59.619	40787.949	50734.086
33.284	34.499	24.517	1.025			
1/23/2016 4:00:00 AM	404100.000	26.463	14.734	59.611	40695.688	50621.473
33.201	34.423	24.573	1.025			
1/23/2016 4:15:00 AM	405000.000	26.516	14.719	59.731	40581.723	50497.395
33.109	34.338	24.642	1.025			
1/23/2016 4:30:00 AM	405900.000	26.543	14.734	59.790	40515.617	50398.012
33.037	34.271	24.682	1.025			
1/23/2016 4:45:00 AM	406800.000	26.585	14.753	59.886	40453.926	50298.563
32.966	34.203	24.719	1.024			
1/23/2016 5:00:00 AM	407700.000	26.591	14.802	59.899	40431.160	50211.805
32.907	34.144	24.733	1.024			
1/23/2016 5:15:00 AM	408600.000	26.627	14.838	59.980	40388.406	50115.344
32.839	34.078	24.760	1.024			
1/23/2016 5:30:00 AM	409500.000	26.656	14.824	60.046	40407.902	50156.516
32.868	34.106	24.748	1.024			
1/23/2016 5:45:00 AM	410400.000	26.687	14.876	60.116	40431.313	50123.234
32.848	34.084	24.733	1.024			
1/23/2016 6:00:00 AM	411300.000	26.718	14.881	60.184	40393.262	50070.273
32.810	34.048	24.757	1.024			
1/23/2016 6:15:00 AM	412200.000	26.751	14.857	60.259	40397.836	50104.469
32.833	34.071	24.754	1.024			
1/23/2016 6:30:00 AM	413100.000	26.779	14.829	60.322	40315.426	50035.828
32.780	34.024	24.804				

1.024
1/23/2016 6:45:00 AM 414000.000 26.817 14.774 60.409
40281.488 50058.293 32.792 34.040 24.825
1.024
1/23/2016 7:00:00 AM 414900.000 26.820 14.784 60.415
40333.484 50111.395 32.832 34.076 24.793
1.024
1/23/2016 7:15:00 AM 415800.000 26.858 14.776 60.500
40357.664 50151.266 32.861 34.103 24.778
1.024
1/23/2016 7:30:00 AM 416700.000 26.904 14.775 60.604
40384.203 50185.191 32.885 34.126 24.762
1.024
1/23/2016 7:45:00 AM 417600.000 26.911 14.764 60.619
40438.258 50264.980 32.943 34.180 24.729
1.024
1/23/2016 8:00:00 AM 418500.000 26.931 14.755 60.665
40511.973 50367.438 33.017 34.250 24.684
1.024
1/23/2016 8:15:00 AM 419400.000 26.999 14.726 60.818
40535.430 50431.586 33.061 34.293 24.670
1.025
1/23/2016 8:30:00 AM 420300.000 26.996 14.717 60.812
40587.391 50506.801 33.116 34.345 24.638
1.025
1/23/2016 8:45:00 AM 421200.000 27.045 14.702 60.921
40585.168 50522.168 33.126 34.355 24.640
1.025
1/23/2016 9:00:00 AM 422100.000 27.048 14.704 60.927
40653.117 50605.254 33.187 34.412 24.598
1.025
1/23/2016 9:15:00 AM 423000.000 27.091 14.678 61.026
40724.930 50725.840 33.273 34.494 24.555
1.025
1/23/2016 9:30:00 AM 423900.000 27.107 14.669 61.062
40752.898 50771.711 33.306 34.525 24.538
1.025
1/23/2016 9:45:00 AM 424800.000 27.119 14.642 61.087
40780.328 50838.027 33.352 34.570 24.522
1.025
1/23/2016 10:00:00 AM 425700.000 27.149 14.642 61.155
40838.078 50909.586 33.404 34.619 24.487
1.025
1/23/2016 10:15:00 AM 426600.000 27.148 14.626 61.154
40857.676 50953.539 33.435 34.648 24.475
1.025
1/23/2016 10:30:00 AM 427500.000 27.167 14.610 61.195
40908.848 51036.582 33.495 34.705 24.445
1.025
1/23/2016 10:45:00 AM 428400.000 27.200 14.593 61.272
40948.578 51107.266 33.545 34.753 24.421
1.025
1/23/2016 11:00:00 AM 429300.000 27.184 14.600 61.235
40955.879 51108.465 33.546 34.754 24.417
1.025

1/23/2016 11:15:00 AM	430200.000	27.188	14.593	61.243
40978.656	51144.695	33.572	34.778	24.403
1.025				
1/23/2016 11:30:00 AM	431100.000	27.188	14.614	61.245
41013.918	51163.125	33.588	34.791	24.382
1.025				
1/23/2016 11:45:00 AM	432000.000	27.195	14.648	61.259
41027.613	51138.844	33.573	34.774	24.374
1.025				
1/23/2016 12:00:00 PM	432900.000	27.205	14.600	61.282
41008.164	51172.625	33.594	34.797	24.385
1.025				
1/23/2016 12:15:00 PM	433800.000	27.226	14.561	61.329
40929.105	51121.855	33.553	34.763	24.432
1.025				
1/23/2016 12:30:00 PM	434700.000	27.204	14.546	61.279
40781.121	50955.715	33.430	34.650	24.521
1.025				
1/23/2016 12:45:00 PM	435600.000	27.228	14.595	61.333
40737.902	50841.414	33.350	34.572	24.547
1.025				
1/23/2016 1:00:00 PM	436500.000	27.218	14.666	61.311
40751.691	50772.793	33.306	34.526	24.539
1.025				
1/23/2016 1:15:00 PM	437400.000	27.218	14.741	61.312
40770.883	50706.551	33.264	34.480	24.527
1.025				
1/23/2016 1:30:00 PM	438300.000	27.226	14.805	61.330
40751.402	50606.105	33.196	34.412	24.539
1.025				
1/23/2016 1:45:00 PM	439200.000	27.219	14.866	61.314
40747.277	50527.473	33.143	34.359	24.542
1.025				
1/23/2016 2:00:00 PM	440100.000	27.218	14.920	61.311
40769.156	50489.332	33.120	34.333	24.528
1.025				
1/23/2016 2:15:00 PM	441000.000	27.218	14.972	61.311
40739.688	50390.980	33.052	34.266	24.546
1.024				
1/23/2016 2:30:00 PM	441900.000	27.198	14.975	61.265
40767.383	50422.375	33.075	34.287	24.529
1.024				
1/23/2016 2:45:00 PM	442800.000	27.208	15.017	61.288
40757.848	50360.898	33.033	34.245	24.535
1.024				
1/23/2016 3:00:00 PM	443700.000	27.176	15.054	61.217
40796.258	50363.980	33.038	34.248	24.512
1.024				
1/23/2016 3:15:00 PM	444600.000	27.238	15.074	61.355
40745.539	50277.309	32.977	34.189	24.543
1.024				
1/23/2016 3:30:00 PM	445500.000	27.173	15.100	61.210
40786.000	50297.063	32.993	34.202	24.518
1.024				
1/23/2016 3:45:00 PM	446400.000	27.185	15.125	61.236

40771.609	50249.418	32.960	34.170	24.527		
1.024						
1/23/2016 4:00:00 PM	447300.000	27.186	15.116	61.240		
40743.910	50225.648	32.942	34.153	24.544		
1.024						
1/23/2016 4:15:00 PM	448200.000	27.196	15.140	61.261		
40758.355	50214.637	32.936	34.146	24.535		
1.024						
1/23/2016 4:30:00 PM	449100.000	27.211	15.156	61.295		
40760.578	50199.371	32.926	34.136	24.534		
1.024						
1/23/2016 4:45:00 PM	450000.000	27.190	15.161	61.249		
40733.656	50159.523	32.897	34.108	24.550		
1.024						
1/23/2016 5:00:00 PM	450900.000	27.200	15.167	61.270		
40693.367	50103.340	32.857	34.070	24.574		
1.024						
1/23/2016 5:15:00 PM	451800.000	27.223	15.175	61.322		
40736.188	50147.078	32.889	34.100	24.548		
1.024						
1/23/2016 5:30:00 PM	452700.000	27.205	15.179	61.282		
40706.605	50105.852	32.859	34.072	24.566		
1.024						
1/23/2016 5:45:00 PM	453600.000	27.211	15.187	61.296		
40715.813	50107.063	32.861	34.073	24.560		
1.024						
1/23/2016 6:00:00 PM	454500.000	27.233	15.192	61.344		
40718.352	50105.078	32.860	34.071	24.559		
1.024						
1/23/2016 6:15:00 PM	455400.000	27.237	15.207	61.353		
40732.633	50104.707	32.861	34.071	24.550		
1.024						
1/23/2016 6:30:00 PM	456300.000	27.248	15.204	61.378		
40752.691	50132.406	32.881	34.090	24.538		
1.024						
1/23/2016 6:45:00 PM	457200.000	27.224	15.202	61.324		
40678.277	50043.883	32.816	34.030	24.583		
1.024						
1/23/2016 7:00:00 PM	458100.000	27.246	15.192	61.375		
40694.848	50075.730	32.838	34.051	24.573		
1.024						
1/23/2016 7:15:00 PM	459000.000	27.279	15.200	61.449		
40683.328	50051.973	32.822	34.035	24.580		
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1/23/2016 7:30:00 PM	459900.000	27.260	15.213	61.406		
40722.828	50085.453	32.847	34.058	24.556		
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1/23/2016 7:45:00 PM	460800.000	27.286	15.206	61.465		
40714.648	50083.742	32.845	34.057	24.561		
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1/23/2016 8:00:00 PM	461700.000	27.308	15.222	61.513		
40707.754	50056.078	32.826	34.038	24.565		
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1/23/2016 8:15:00 PM	462600.000	27.305	15.194	61.508		
40689.031	50066.605	32.832	34.045	24.577		

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1/23/2016 8:30:00 PM 463500.000 27.338 15.224 61.582
40712.277 50059.863 32.829 34.041 24.563
1.024
1/23/2016 8:45:00 PM 464400.000 27.331 15.212 61.566
40712.031 50073.305 32.838 34.050 24.563
1.024
1/23/2016 9:00:00 PM 465300.000 27.334 15.201 61.572
40707.547 50081.039 32.843 34.055 24.565
1.024
1/23/2016 9:15:00 PM 466200.000 27.373 15.223 61.660
40757.297 50115.848 32.870 34.079 24.535
1.024
1/23/2016 9:30:00 PM 467100.000 27.368 15.233 61.648
40721.570 50060.570 32.830 34.041 24.557
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1/23/2016 9:45:00 PM 468000.000 27.386 15.228 61.690
40705.641 50046.090 32.819 34.031 24.567
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1/23/2016 10:00:00 PM 468900.000 27.406 15.228 61.734
40734.773 50082.215 32.846 34.056 24.549
1.024
1/23/2016 10:15:00 PM 469800.000 27.402 15.228 61.727
40728.930 50074.723 32.840 34.051 24.553
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1/23/2016 10:30:00 PM 470700.000 27.421 15.247 61.769
40786.762 50123.715 32.878 34.084 24.518
1.024
1/23/2016 10:45:00 PM 471600.000 27.416 15.234 61.757
40761.484 50108.070 32.865 34.073 24.533
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1/23/2016 11:00:00 PM 472500.000 27.441 15.209 61.814
40749.516 50123.281 32.874 34.084 24.540
1.024
1/23/2016 11:15:00 PM 473400.000 27.438 15.229 61.806
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1/23/2016 11:30:00 PM 474300.000 27.447 15.198 61.827
40760.773 50149.750 32.893 34.102 24.533
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1/23/2016 11:45:00 PM 475200.000 27.450 15.200 61.833
40756.547 50141.844 32.887 34.096 24.536
1.024
1/24/2016 12:00:00 AM 476100.000 27.447 15.203 61.826
40771.371 50156.953 32.899 34.107 24.527
1.024
1/24/2016 12:15:00 AM 477000.000 27.461 15.202 61.858
40766.762 50152.422 32.895 34.104 24.530
1.024
1/24/2016 12:30:00 AM 477900.000 27.471 15.184 61.881
40746.664 50149.215 32.891 34.101 24.542
1.024
1/24/2016 12:45:00 AM 478800.000 27.451 15.193 61.837
40783.809 50184.465 32.918 34.125 24.520
1.024

1/24/2016 1:00:00 AM	479700.000	27.460	15.178	61.856
40745.234	50153.723	32.894	34.105	24.543
1.024				
1/24/2016 1:15:00 AM	480600.000	27.456	15.155	61.847
40751.707	50189.605	32.919	34.129	24.539
1.024				
1/24/2016 1:30:00 AM	481500.000	27.461	15.144	61.859
40752.379	50203.617	32.928	34.138	24.538
1.024				
1/24/2016 1:45:00 AM	482400.000	27.450	15.143	61.833
40729.109	50176.105	32.908	34.120	24.552
1.024				
1/24/2016 2:00:00 AM	483300.000	27.447	15.134	61.827
40734.508	50192.492	32.919	34.131	24.549
1.024				
1/24/2016 2:15:00 AM	484200.000	27.443	15.134	61.818
40696.863	50146.512	32.886	34.100	24.572
1.024				
1/24/2016 2:30:00 AM	485100.000	27.440	15.131	61.812
40725.977	50185.641	32.914	34.126	24.554
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1/24/2016 2:45:00 AM	486000.000	27.459	15.131	61.855
40698.531	50152.027	32.889	34.103	24.571
1.024				
1/24/2016 3:00:00 AM	486900.000	27.438	15.104	61.806
40699.969	50185.313	32.912	34.126	24.570
1.024				
1/24/2016 3:15:00 AM	487800.000	27.418	15.114	61.763
40669.668	50136.953	32.877	34.093	24.588
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40715.871	50189.004	32.915	34.129	24.560
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1/24/2016 3:45:00 AM	489600.000	27.436	15.118	61.803
40659.816	50120.215	32.865	34.082	24.594
1.024				
1/24/2016 4:00:00 AM	490500.000	27.432	15.118	61.792
40652.902	50111.387	32.859	34.076	24.598
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1/24/2016 4:15:00 AM	491400.000	27.415	15.125	61.755
40693.598	50152.965	32.890	34.104	24.574
1.024				
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40665.254	50113.215	32.861	34.077	24.591
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40661.645	50119.328	32.865	34.081	24.593
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1/24/2016 5:00:00 AM	494100.000	27.424	15.141	61.775
40650.566	50081.734	32.839	34.056	24.600
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40633.539	50076.750	32.834	34.052	24.610
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40653.066 50094.645 32.848 34.064 24.598
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40656.406 50079.020 32.837 34.054 24.596
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1/24/2016 7:00:00 AM 501300.000 27.476 15.138 61.892
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1/24/2016 8:00:00 AM 504900.000 27.523 15.179 61.998
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1/24/2016 8:15:00 AM 505800.000 27.528 15.172 62.010
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1.024
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40721.066 50160.754 32.897 34.109 24.557
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40679.707 50122.152 32.868 34.083 24.582
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40632.125 50086.180 32.840 34.059 24.611
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40640.879 50151.496 32.884 34.103 24.606
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40698.313 50227.727 32.940 34.155 24.571
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1/24/2016 10:00:00 AM 512100.000 27.606 15.059 62.184
40710.133 50251.660 32.957 34.171 24.564

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1/24/2016 10:15:00 AM 513000.000 27.604 15.049 62.180
40684.363 50231.191 32.941 34.157 24.579
1.024
1/24/2016 10:30:00 AM 513900.000 27.607 15.065 62.187
40717.730 50254.105 32.959 34.173 24.559
1.024
1/24/2016 10:45:00 AM 514800.000 27.612 15.056 62.198
40722.996 50270.477 32.970 34.184 24.556
1.024
1/24/2016 11:00:00 AM 515700.000 27.615 15.058 62.205
40746.621 50297.766 32.990 34.202 24.542
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1/24/2016 11:15:00 AM 516600.000 17.802 15.008 40.101
39954.555 49378.777 32.315 33.578 25.028
1.024
1/24/2016 11:30:00 AM 517500.000 17.394 15.003 39.181
39580.430 48921.930 31.981 33.267 25.265
1.024
1/24/2016 11:45:00 AM 518400.000 17.120 15.005 38.565
39264.652 48529.590 31.696 33.000 25.468
1.023
1/24/2016 12:00:00 PM 519300.000 17.001 15.016 38.297
39035.215 48232.875 31.481 32.798 25.618
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1/24/2016 12:15:00 PM 520200.000 16.604 15.023 37.402
38852.523 47999.320 31.312 32.640 25.738
1.023
1/24/2016 12:30:00 PM 521100.000 16.448 15.016 37.051
38774.715 47910.809 31.247 32.579 25.790
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1/24/2016 12:45:00 PM 522000.000 16.294 15.012 36.703
38798.734 47944.906 31.271 32.603 25.774
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1/24/2016 1:00:00 PM 522900.000 16.262 14.998 36.632
38736.797 47884.605 31.227 32.562 25.815
1.023
1/24/2016 1:15:00 PM 523800.000 16.163 14.994 36.408
38666.535 47802.246 31.167 32.506 25.862
1.023
1/24/2016 1:30:00 PM 524700.000 16.109 14.992 36.286
38509.328 47610.008 31.027 32.375 25.968
1.023
1/24/2016 1:45:00 PM 525600.000 15.935 14.987 35.896
38562.777 47682.273 31.079 32.424 25.932
1.023
1/24/2016 2:00:00 PM 526500.000 15.907 14.999 35.832
38487.105 47574.852 31.002 32.351 25.983
1.023
1/24/2016 2:15:00 PM 527400.000 15.858 14.993 35.723
38433.309 47514.617 30.958 32.310 26.019
1.023
1/24/2016 2:30:00 PM 528300.000 15.693 14.995 35.350
38343.199 47400.844 30.876 32.233 26.080
1.023

1/24/2016 2:45:00 PM	529200.000	15.592	14.997	35.123
38299.000	47344.410	30.835	32.194	26.110
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38315.309	47369.027	30.852	32.211	26.099
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38326.219	47384.305	30.863	32.221	26.092
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1/24/2016 3:30:00 PM	531900.000	15.408	14.976	34.708
38227.234	47279.160	30.786	32.150	26.159
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38217.313	47264.316	30.775	32.140	26.166
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1/24/2016 4:00:00 PM	533700.000	15.276	14.974	34.411
38160.832	47199.305	30.728	32.096	26.205
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38137.301	47172.379	30.708	32.077	26.221
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1/24/2016 4:30:00 PM	535500.000	15.173	14.972	34.179
38120.359	47151.422	30.693	32.063	26.233
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1/24/2016 4:45:00 PM	536400.000	15.108	14.973	34.032
38122.750	47153.387	30.695	32.064	26.231
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1/24/2016 5:00:00 PM	537300.000	15.040	14.973	33.879
38056.719	47071.133	30.635	32.008	26.277
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38086.781	47108.316	30.662	32.034	26.256
1.023				
1/24/2016 5:30:00 PM	539100.000	14.971	14.975	33.723
38060.664	47074.230	30.637	32.010	26.274
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38029.289	47034.535	30.609	31.983	26.296
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1/24/2016 6:00:00 PM	540900.000	14.853	14.981	33.458
38061.676	47068.875	30.634	32.007	26.273
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1/24/2016 6:15:00 PM	541800.000	14.887	14.984	33.535
38024.664	47019.547	30.599	31.973	26.299
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1/24/2016 6:30:00 PM	542700.000	14.855	14.990	33.462
37972.363	46948.105	30.547	31.925	26.335
1.023				
1/24/2016 6:45:00 PM	543600.000	14.823	14.993	33.390
38039.086	47027.645	30.605	31.979	26.289
1.023				
1/24/2016 7:00:00 PM	544500.000	14.804	14.995	33.348
37986.699	46960.320	30.556	31.933	26.325
1.023				
1/24/2016 7:15:00 PM	545400.000	14.905	14.998	33.574

37970.992	46937.555	30.540	31.918	26.336		
1.023						
1/24/2016 7:30:00 PM	546300.000	14.797	15.004	33.332		
38004.223	46972.152	30.566	31.941	26.313		
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1/24/2016 7:45:00 PM	547200.000	14.772	15.003	33.274		
37975.500	46938.219	30.541	31.918	26.333		
1.023						
1/24/2016 8:00:00 PM	548100.000	14.789	15.007	33.313		
37995.164	46957.605	30.555	31.931	26.319		
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1/24/2016 8:15:00 PM	549000.000	14.792	15.016	33.321		
37966.371	46912.594	30.523	31.901	26.339		
1.023						
1/24/2016 8:30:00 PM	549900.000	14.838	15.017	33.425		
37950.254	46891.699	30.508	31.886	26.350		
1.023						
1/24/2016 8:45:00 PM	550800.000	14.798	15.018	33.334		
37954.750	46895.777	30.511	31.889	26.347		
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1/24/2016 9:00:00 PM	551700.000	14.814	15.023	33.370		
37921.031	46848.816	30.478	31.857	26.371		
1.022						
1/24/2016 9:15:00 PM	552600.000	14.891	15.027	33.544		
37921.012	46844.293	30.475	31.854	26.371		
1.022						
1/24/2016 9:30:00 PM	553500.000	14.864	15.026	33.483		
37894.906	46812.531	30.452	31.833	26.389		
1.022						
1/24/2016 9:45:00 PM	554400.000	14.856	15.029	33.465		
37914.238	46833.082	30.467	31.846	26.375		
1.022						
1/24/2016 10:00:00 PM	555300.000	14.879	15.035	33.517		
37870.965	46773.461	30.424	31.806	26.405		
1.022						
1/24/2016 10:15:00 PM	556200.000	14.918	15.035	33.604		
37903.766	46813.680	30.453	31.833	26.383		
1.022						
1/24/2016 10:30:00 PM	557100.000	14.899	15.037	33.561		
37898.805	46805.500	30.447	31.828	26.386		
1.022						
1/24/2016 10:45:00 PM	558000.000	14.879	15.040	33.517		
37877.422	46775.957	30.426	31.808	26.401		
1.022						
1/24/2016 11:00:00 PM	558900.000	14.888	15.037	33.536		
37899.941	46806.508	30.448	31.828	26.385		
1.022						
1/24/2016 11:15:00 PM	559800.000	14.827	15.040	33.399		
37887.930	46788.734	30.436	31.816	26.394		
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37845.043	46732.645	30.395	31.778	26.424		
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1/24/2016 11:45:00 PM	561600.000	14.823	15.046	33.391		
37829.734	46710.027	30.379	31.763	26.434		

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1/25/2016 12:00:00 AM 562500.000 14.798 15.047 33.334
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1/25/2016 12:15:00 AM 563400.000 14.739 15.045 33.200
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1/25/2016 12:30:00 AM 564300.001 14.693 15.049 33.096
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37810.633 46683.324 30.360 31.745 26.448
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1/25/2016 1:00:00 AM 566100.000 14.576 15.050 32.834
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1/25/2016 1:15:00 AM 567000.000 14.596 15.052 32.880
37878.586 46764.277 30.419 31.800 26.400
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1/25/2016 1:30:00 AM 567900.000 14.501 15.048 32.665
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1/25/2016 2:00:00 AM 569700.000 14.458 15.046 32.568
37871.688 46762.324 30.417 31.798 26.405
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1/25/2016 2:15:00 AM 570600.000 14.458 15.049 32.568
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1/25/2016 2:30:00 AM 571500.000 14.432 15.049 32.510
37845.855 46726.914 30.391 31.774 26.423
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1/25/2016 3:00:00 AM 573300.000 14.612 15.063 32.914
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1/25/2016 3:15:00 AM 574200.000 14.656 15.063 33.014
37795.590 46649.535 30.336 31.722 26.458
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1/25/2016 3:30:00 AM 575100.000 14.575 15.067 32.831
37806.270 46658.816 30.343 31.728 26.451
1.022
1/25/2016 3:45:00 AM 576000.000 14.614 15.066 32.919
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1.022
1/25/2016 4:00:00 AM 576900.000 14.563 15.065 32.804
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1/25/2016 4:15:00 AM 577800.000 14.586 15.064 32.857
37774.629 46622.691 30.317 31.703 26.473
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37801.676	46655.000	30.341	31.725	26.454
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37787.805	46637.504	30.328	31.714	26.464
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37775.863	46620.125	30.316	31.702	26.472
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37784.777	46630.051	30.323	31.708	26.466
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37766.586	46611.391	30.309	31.696	26.478
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37789.723	46636.152	30.327	31.713	26.462
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37758.098	46590.406	30.295	31.681	26.484
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37723.734	46545.469	30.262	31.651	26.509
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37732.488	46554.141	30.269	31.657	26.502
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1/25/2016 8:30:00 AM	593100.000	14.666	15.083	33.037
37725.348	46541.242	30.260	31.648	26.507
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37653.684	46447.492	30.192	31.584	26.558	1.022	
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30.238	31.628	26.526	1.022			
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30.283	31.671	26.497	1.022			
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30.251	31.640	26.519	1.022			
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37766.617 46619.711 30.314 31.701 26.478
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30.212	31.604	26.544	1.022			
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30.237	31.627	26.525	1.022			
1/26/2016 1:00:00 AM	652500.000	13.793	15.081	31.070	37704.449	46517.598
30.242	31.632	26.522	1.022			
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30.216	31.608	26.543	1.022			
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30.228	31.618	26.536	1.022			
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30.214	31.606	26.544	1.022			
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1/26/2016 7:00:00 AM 674100.000 13.924 15.108 31.365
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1/26/2016 8:15:00 AM	678600.000	14.056	15.121	31.663	37560.211	46295.168	30.084	31.481	26.624	1.022
1/26/2016 8:30:00 AM	679500.000	14.130	15.127	31.828	37586.711	46322.121	30.104	31.499	26.605	1.022
1/26/2016 8:45:00 AM	680400.000	14.245	15.133	32.089	37573.824	46299.582	30.088	31.484	26.614	1.022
1/26/2016 9:00:00 AM	681300.000	14.236	15.138	32.068	37515.641	46222.004	30.033	31.431	26.656	1.022
1/26/2016 9:15:00 AM	682200.000	14.286	15.141	32.180	37574.980	46292.410	30.084	31.479	26.613	1.022
1/26/2016 9:30:00 AM	683100.000	14.220	15.140	32.032	37545.066	46256.418	30.058	31.454	26.635	1.022
1/26/2016 9:45:00 AM	684000.000	14.202	15.131	31.992	37550.734	46272.965	30.069	31.466	26.631	1.022
1/26/2016 10:00:00 AM	684900.000	14.160	15.131	31.898	37573.414	46301.277	30.090	31.485	26.615	1.022
1/26/2016 10:15:00 AM	685800.000	14.176	15.132	31.932	37612.141	46347.469	30.123	31.516	26.587	1.022
1/26/2016 10:30:00 AM	686700.000	14.169	15.128	31.917	37578.477	46310.145	30.096	31.491	26.611	1.022
1/26/2016 10:45:00 AM	687600.000	14.122	15.126	31.811	37578.176	46312.379	30.097	31.492	26.611	1.022
1/26/2016 11:00:00 AM	688500.000	14.065	15.123	31.683	37562.559	46296.023	30.085	31.481	26.622	1.022
1/26/2016 11:15:00 AM	689400.000	14.092	15.121	31.743	37576.633	46315.977	30.099	31.495	26.612	1.022
1/26/2016 11:30:00 AM	690300.000	14.061	15.119	31.674	37566.563	46305.891	30.092	31.488	26.619	1.022
1/26/2016 11:45:00 AM	691200.000	13.945	15.115	31.412	37530.973	46266.277	30.063	31.461	26.645	1.022
1/26/2016 12:00:00 PM	692100.000	14.036	15.118	31.616	37568.305	46308.621	30.094	31.490	26.618	1.022
1/26/2016 12:15:00 PM	693000.000	13.976	15.114	31.481	37639.727	46401.496	30.161	31.553	26.568	1.022
1/26/2016 12:30:00 PM	693900.000	13.967	15.111	31.461						

37613.590	46372.758	30.140	31.533	26.586	1.022	
1/26/2016 12:45:00 PM	694800.000	13.952	15.109	31.429	37649.605	46419.102
30.173	31.565	26.561	1.022			
1/26/2016 1:00:00 PM	695700.000	13.906	15.110	31.326	37608.602	46367.680
30.136	31.530	26.590	1.022			
1/26/2016 1:15:00 PM	696600.000	13.836	15.105	31.167	37615.652	46381.004
30.145	31.539	26.585	1.022			
1/26/2016 1:30:00 PM	697500.000	13.880	15.103	31.267	37610.703	46378.012
30.143	31.537	26.588	1.022			
1/26/2016 1:45:00 PM	698400.000	13.800	15.099	31.087	37646.500	46425.941
30.177	31.570	26.563	1.022			
1/26/2016 2:00:00 PM	699300.000	13.818	15.098	31.127	37587.461	46354.477
30.126	31.521	26.605	1.022			
1/26/2016 2:15:00 PM	700200.000	13.800	15.100	31.085	37603.605	46372.449
30.139	31.533	26.593	1.022			
1/26/2016 2:30:00 PM	701100.000	13.792	15.095	31.068	37628.852	46408.438
30.164	31.558	26.575	1.022			
1/26/2016 2:45:00 PM	702000.000	13.757	15.094	30.990	37675.574	46467.898
30.207	31.598	26.542	1.022			
1/26/2016 3:00:00 PM	702900.000	13.694	15.093	30.847	37623.844	46405.070
30.162	31.555	26.579	1.022			
1/26/2016 3:15:00 PM	703800.000	13.725	15.091	30.917	37615.672	46397.117
30.156	31.550	26.585	1.022			
1/26/2016 3:30:00 PM	704700.000	13.665	15.089	30.781	37650.398	46442.000
30.188	31.581	26.560	1.022			
1/26/2016 3:45:00 PM	705600.000	13.589	15.089	30.611	37637.324	46425.570
30.176	31.569	26.569	1.022			
1/26/2016 4:00:00 PM	706500.000	13.625	15.089	30.692	37698.496	46501.219
30.231	31.621	26.526	1.022			
1/26/2016 4:15:00 PM	707400.000	13.583	15.085	30.598	37685.352	46489.383
30.222	31.613	26.536	1.022			
1/26/2016 4:30:00 PM	708300.000	13.496	15.084	30.401	37655.582	46453.914
30.197	31.589	26.556	1.022			
1/26/2016 4:45:00 PM	709200.000	13.484	15.081	30.375	37656.180	46457.754
30.199	31.591	26.556	1.022			
1/26/2016 5:00:00 PM	710100.000	13.433	15.079	30.259	37693.305	46505.305
30.233	31.624	26.530				

1.022
1/26/2016 5:15:00 PM 711000.000 13.360 15.075 30.094
37698.102 46515.992 30.241 31.631 26.527
1.022
1/26/2016 5:30:00 PM 711900.000 13.365 15.077 30.105
37645.723 46449.031 30.193 31.585 26.563
1.022
1/26/2016 5:45:00 PM 712800.000 13.399 15.077 30.182
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1.022
1/26/2016 6:00:00 PM 713700.000 13.355 15.078 30.083
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1.022
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37634.359 46427.730 30.178 31.571 26.571
1.022
1/26/2016 6:30:00 PM 715500.000 13.590 15.090 30.612
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1.022
1/26/2016 6:45:00 PM 716400.000 13.534 15.088 30.486
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1/26/2016 7:30:00 PM 719100.000 13.548 15.092 30.519
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1.022
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1.022
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37659.996 46450.813 30.195 31.587 26.553
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37650.242 46433.352 30.183 31.575 26.560
1.022
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1/26/2016 9:00:00 PM 724500.000 13.610 15.098 30.657
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1.022
1/26/2016 9:15:00 PM 725400.000 13.598 15.102 30.630
37594.875 46359.074 30.129 31.524 26.599
1.022
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37619.309 46387.848 30.150 31.544 26.582
1.022

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1/26/2016 10:15:00 PM	729000.000	13.746	15.107	30.964
37606.809	46368.367	30.136	31.530	26.591
1.022				
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37551.988	46297.398	30.085	31.482	26.630
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1/26/2016 11:00:00 PM	731700.000	13.774	15.109	31.027
37596.109	46352.660	30.125	31.520	26.598
1.022				
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37627.180	46390.191	30.152	31.545	26.577
1.022				
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1.022				
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37595.688	46349.727	30.123	31.518	26.599
1.022				
1/27/2016 12:15:00 AM	736200.000	13.687	15.110	30.832
37651.688	46420.895	30.174	31.566	26.559
1.022				
1/27/2016 12:30:00 AM	737100.000	13.680	15.109	30.815
37596.188	46352.949	30.125	31.520	26.598
1.022				
1/27/2016 12:45:00 AM	738000.000	13.701	15.108	30.864
37612.742	46375.109	30.141	31.535	26.587
1.022				
1/27/2016 1:00:00 AM	738900.000	13.673	15.106	30.800
37602.965	46364.496	30.133	31.528	26.594
1.022				
1/27/2016 1:15:00 AM	739800.000	13.615	15.107	30.668
37613.750	46376.543	30.142	31.536	26.586
1.022				
1/27/2016 1:30:00 AM	740700.000	13.582	15.103	30.594
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1.022				
1/27/2016 1:45:00 AM	741600.000	13.587	15.105	30.607
37629.625	46398.441	30.158	31.551	26.575
1.022				
1/27/2016 2:00:00 AM	742500.000	13.580	15.103	30.591
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1.022				
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1.022

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1/27/2016 12:30:00 PM	780300.000	13.906	15.110	31.325	37654.027	46422.902	30.176	31.568	26.558	1.022
1/27/2016 12:45:00 PM	781200.000	13.911	15.106	31.336	37678.875	46458.777	30.202	31.592	26.540	1.022
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1/27/2016 4:00:00 PM	792900.000	13.637	15.087	30.719						

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Serial_number:
2003874
Project ID:
MPWSP Monitoring Wells Barologge
Location:
MW-5M Baro
LEVEL
UNIT: psi
TEMPERATURE
UNIT: °C

Date	Time	ms	LEVEL	TEMPERATURE
1/21/2016	0:00:00	0	14.7908	11.004
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1/21/2016	0:30:00	0	14.7849	10.921
1/21/2016	0:45:00	0	14.7833	10.862
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1/21/2016	1:15:00	0	14.7772	10.826
1/21/2016	1:30:00	0	14.7744	10.806
1/21/2016	1:45:00	0	14.7727	10.698
1/21/2016	2:00:00	0	14.7727	10.574
1/21/2016	2:15:00	0	14.7758	10.482
1/21/2016	2:30:00	0	14.7776	10.376
1/21/2016	2:45:00	0	14.7758	10.244
1/21/2016	3:00:00	0	14.7716	10.099
1/21/2016	3:15:00	0	14.7711	9.999
1/21/2016	3:30:00	0	14.7708	9.934
1/21/2016	3:45:00	0	14.7704	9.87
1/21/2016	4:00:00	0	14.7719	9.795
1/21/2016	4:15:00	0	14.7688	9.717
1/21/2016	4:30:00	0	14.7665	9.655
1/21/2016	4:45:00	0	14.7649	9.604
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1/21/2016	5:30:00	0	14.7593	9.39
1/21/2016	5:45:00	0	14.7581	9.334
1/21/2016	6:00:00	0	14.7542	9.252
1/21/2016	6:15:00	0	14.7553	9.153
1/21/2016	6:30:00	0	14.7551	9.097
1/21/2016	6:45:00	0	14.7559	9.034
1/21/2016	7:00:00	0	14.7583	8.962
1/21/2016	7:15:00	0	14.7587	8.931
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1/21/2016	7:45:00	0	14.7616	9.1
1/21/2016	8:00:00	0	14.7636	9.215
1/21/2016	8:15:00	0	14.7602	9.46
1/21/2016	8:30:00	0	14.7613	9.716
1/21/2016	8:45:00	0	14.762	10.2

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1/21/2016	10:15:00	0	14.7674	14.46
1/21/2016	10:30:00	0	14.7675	15.143
1/21/2016	10:45:00	0	14.7668	15.789
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1/21/2016	14:00:00	0	14.7335	17.777
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1/21/2016	14:45:00	0	14.7242	18.642
1/21/2016	15:00:00	0	14.7232	18.554
1/21/2016	15:15:00	0	14.7225	18.327
1/21/2016	15:30:00	0	14.722	17.956
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1/21/2016	16:00:00	0	14.7146	16.815
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1/21/2016	23:30:00	0	14.7264	11.399
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1/22/2016	3:15:00	0	14.6938	11.092
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1/22/2016	5:00:00	0	14.6971	12.456
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1/22/2016	6:15:00	0	14.7043	12.332
1/22/2016	6:30:00	0	14.7039	12.402
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1/22/2016	7:30:00	0	14.7073	12.764
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1/22/2016	8:15:00	0	14.7121	12.821

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1/22/2016	8:45:00	0	14.7095	12.823
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1/22/2016	10:15:00	0	14.7137	13.573
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1/22/2016	10:45:00	0	14.7031	14.027
1/22/2016	11:00:00	0	14.7105	14.372
1/22/2016	11:15:00	0	14.709	14.651
1/22/2016	11:30:00	0	14.6984	14.935
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1/22/2016	12:45:00	0	14.6834	16.34
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1/22/2016	14:30:00	0	14.681	17.34
1/22/2016	14:45:00	0	14.68	16.7
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1/22/2016	15:15:00	0	14.6707	16.202
1/22/2016	15:30:00	0	14.6708	15.975
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1/22/2016	23:15:00	0	14.6919	12.127
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1/23/2016	0:30:00	0	14.6946	11.751
1/23/2016	0:45:00	0	14.695	11.699
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1/23/2016	2:30:00	0	14.7063	11.345
1/23/2016	2:45:00	0	14.7082	11.192
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1/23/2016	9:45:00	0	14.748	14.086
1/23/2016	10:00:00	0	14.7493	14.883
1/23/2016	10:15:00	0	14.7511	15.421
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1/23/2016	15:30:00	0	14.7386	14.402
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1/24/2016	2:45:00	0	14.7688	6.221
1/24/2016	3:00:00	0	14.77	6.129
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1/24/2016	3:45:00	0	14.768	5.772
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1/24/2016	6:00:00	0	14.7834	5.772
1/24/2016	6:15:00	0	14.787	5.917
1/24/2016	6:30:00	0	14.7898	6.081
1/24/2016	6:45:00	0	14.7945	6.288
1/24/2016	7:00:00	0	14.7939	6.382
1/24/2016	7:15:00	0	14.7959	6.526

1/24/2016	7:30:00	0	14.7981	6.531
1/24/2016	7:45:00	0	14.7995	6.563
1/24/2016	8:00:00	0	14.803	6.534
1/24/2016	8:15:00	0	14.8016	6.602
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1/24/2016	9:45:00	0	14.8158	13.044
1/24/2016	10:00:00	0	14.8146	14.015
1/24/2016	10:15:00	0	14.8156	15.027
1/24/2016	10:30:00	0	14.8162	15.228
1/24/2016	10:45:00	0	14.8131	15.448
1/24/2016	11:00:00	0	14.8107	15.97
1/24/2016	11:15:00	0	14.8076	16.541
1/24/2016	11:30:00	0	14.8032	16.995
1/24/2016	11:45:00	0	14.798	17.133
1/24/2016	12:00:00	0	14.7917	17.113
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Report User Name: KMakar
Report Computer Name: WKST46
Application: WinSitu.exe
Application Version: 5.6.25.0

Log File Properties:
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Create Date: 1/28/2016 2:47:03 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

Log Data:
Record Count: 972
Sensors: 1
1 - 399604: Baro-Pressure/Temp
Time Zone: Pacific Standard Time

		Sensor: Baro Pres SN#: 399604	Sensor: Baro Pres SN#: 399604
Date and Time	Elapsed Time Seconds	Pressure (mmHg)	Temperature (C)

1/21/2016 12:00:00 AM	216900.000	767.365	13.521
1/21/2016 12:15:00 AM	217800.000	766.971	13.466
1/21/2016 12:30:00 AM	218700.000	766.942	13.455
1/21/2016 12:45:00 AM	219600.000	766.771	13.428
1/21/2016 1:00:00 AM	220500.000	766.770	13.360
1/21/2016 1:15:00 AM	221400.000	766.628	13.376
1/21/2016 1:30:00 AM	222300.000	766.432	13.329
1/21/2016 1:45:00 AM	223200.000	766.505	13.279
1/21/2016 2:00:00 AM	224100.000	766.385	13.258
1/21/2016 2:15:00 AM	225000.000	766.651	13.238
1/21/2016 2:30:00 AM	225900.000	766.651	13.199
1/21/2016 2:45:00 AM	226800.000	766.786	13.155
1/21/2016 3:00:00 AM	227700.000	766.257	13.107
1/21/2016 3:15:00 AM	228600.000	766.162	13.076
1/21/2016 3:30:00 AM	229500.000	766.639	13.007
1/21/2016 3:45:00 AM	230400.000	766.277	12.971
1/21/2016 4:00:00 AM	231300.000	766.407	12.904
1/21/2016 4:15:00 AM	232200.000	766.184	12.850
1/21/2016 4:30:00 AM	233100.000	766.083	12.824
1/21/2016 4:45:00 AM	234000.000	766.132	12.787
1/21/2016 5:00:00 AM	234900.000	765.976	12.758
1/21/2016 5:15:00 AM	235800.000	765.747	12.684
1/21/2016 5:30:00 AM	236700.000	765.873	12.619
1/21/2016 5:45:00 AM	237600.000	765.771	12.575
1/21/2016 6:00:00 AM	238500.000	765.524	12.532
1/21/2016 6:15:00 AM	239400.000	765.246	12.481
1/21/2016 6:30:00 AM	240300.000	765.464	12.427
1/21/2016 6:45:00 AM	241200.000	765.576	12.377
1/21/2016 7:00:00 AM	242100.000	765.445	12.318
1/21/2016 7:15:00 AM	243000.000	765.544	12.290
1/21/2016 7:30:00 AM	243900.000	765.826	12.230
1/21/2016 7:45:00 AM	244800.000	765.995	12.174
1/21/2016 8:00:00 AM	245700.000	765.989	12.107
1/21/2016 8:15:00 AM	246600.000	765.469	12.082
1/21/2016 8:30:00 AM	247500.000	766.002	12.047
1/21/2016 8:45:00 AM	248400.000	765.800	12.032
1/21/2016 9:00:00 AM	249300.000	765.818	12.078
1/21/2016 9:15:00 AM	250200.000	765.746	12.112
1/21/2016 9:30:00 AM	251100.000	766.164	12.151
1/21/2016 9:45:00 AM	252000.000	765.821	12.199
1/21/2016 10:00:00 AM	252900.000	765.674	12.244
1/21/2016 10:15:00 AM	253800.000	765.870	12.370
1/21/2016 10:30:00 AM	254700.000	765.957	12.447
1/21/2016 10:45:00 AM	255600.000	765.453	12.587
1/21/2016 11:00:00 AM	256500.000	765.914	12.736
1/21/2016 11:15:00 AM	257400.000	766.107	12.891
1/21/2016 11:30:00 AM	258300.000	765.917	13.069
1/21/2016 11:45:00 AM	259200.000	765.125	13.241
1/21/2016 12:00:00 PM	260100.000	765.042	16.597
1/21/2016 12:15:00 PM	261000.000	764.821	17.706
1/21/2016 12:30:00 PM	261900.000	764.867	18.433
1/21/2016 12:45:00 PM	262800.000	765.030	18.717
1/21/2016 1:00:00 PM	263700.000	764.922	15.998

1/21/2016 1:15:00 PM	264600.000	764.742	14.835
1/21/2016 1:30:00 PM	265500.000	764.733	14.394
1/21/2016 1:45:00 PM	266400.000	764.167	14.265
1/21/2016 2:00:00 PM	267300.000	764.239	14.235
1/21/2016 2:15:00 PM	268200.000	764.219	14.288
1/21/2016 2:30:00 PM	269100.000	763.705	14.328
1/21/2016 2:45:00 PM	270000.000	763.454	14.371
1/21/2016 3:00:00 PM	270900.000	763.563	14.441
1/21/2016 3:15:00 PM	271800.000	763.821	14.515
1/21/2016 3:30:00 PM	272700.000	763.298	14.593
1/21/2016 3:45:00 PM	273600.000	763.596	14.645
1/21/2016 4:00:00 PM	274500.000	763.152	14.687
1/21/2016 4:15:00 PM	275400.000	763.352	14.745
1/21/2016 4:30:00 PM	276300.000	762.871	14.752
1/21/2016 4:45:00 PM	277200.000	762.864	14.742
1/21/2016 5:00:00 PM	278100.000	762.666	14.742
1/21/2016 5:15:00 PM	279000.000	762.797	14.761
1/21/2016 5:30:00 PM	279900.000	762.580	14.758
1/21/2016 5:45:00 PM	280800.000	762.855	14.711
1/21/2016 6:00:00 PM	281700.000	762.663	14.664
1/21/2016 6:15:00 PM	282600.000	762.899	14.648
1/21/2016 6:30:00 PM	283500.000	762.928	14.588
1/21/2016 6:45:00 PM	284400.000	762.923	14.540
1/21/2016 7:00:00 PM	285300.000	763.047	14.472
1/21/2016 7:15:00 PM	286200.000	763.290	14.421
1/21/2016 7:30:00 PM	287100.000	763.231	14.391
1/21/2016 7:45:00 PM	288000.000	763.197	14.329
1/21/2016 8:00:00 PM	288900.000	763.625	14.285
1/21/2016 8:15:00 PM	289800.000	763.606	14.234
1/21/2016 8:30:00 PM	290700.000	763.676	14.202
1/21/2016 8:45:00 PM	291600.000	763.477	14.176
1/21/2016 9:00:00 PM	292500.000	763.318	14.143
1/21/2016 9:15:00 PM	293400.000	763.445	14.096
1/21/2016 9:30:00 PM	294300.000	763.993	14.047
1/21/2016 9:45:00 PM	295200.000	763.735	13.990
1/21/2016 10:00:00 PM	296100.000	763.927	13.962
1/21/2016 10:15:00 PM	297000.000	763.832	13.937
1/21/2016 10:30:00 PM	297900.000	763.690	13.876
1/21/2016 10:45:00 PM	298800.000	763.777	13.862
1/21/2016 11:00:00 PM	299700.000	763.591	13.824
1/21/2016 11:15:00 PM	300600.000	763.782	13.786
1/21/2016 11:30:00 PM	301500.000	763.637	13.764
1/21/2016 11:45:00 PM	302400.000	763.779	13.755
1/22/2016 12:00:00 AM	303300.000	763.716	13.689
1/22/2016 12:15:00 AM	304200.000	763.545	13.643
1/22/2016 12:30:00 AM	305100.000	763.642	13.621
1/22/2016 12:45:00 AM	306000.000	764.047	13.576
1/22/2016 1:00:00 AM	306900.000	763.948	13.539
1/22/2016 1:15:00 AM	307800.000	764.177	13.508
1/22/2016 1:30:00 AM	308700.000	764.227	13.482
1/22/2016 1:45:00 AM	309600.000	763.984	13.472
1/22/2016 2:00:00 AM	310500.000	763.460	13.436
1/22/2016 2:15:00 AM	311400.000	762.555	13.428
1/22/2016 2:30:00 AM	312300.000	762.938	13.412

1/22/2016 2:45:00 AM	313200.000	762.305	13.394
1/22/2016 3:00:00 AM	314100.000	762.627	13.373
1/22/2016 3:15:00 AM	315000.000	762.322	13.325
1/22/2016 3:30:00 AM	315900.000	762.575	13.325
1/22/2016 3:45:00 AM	316800.000	762.448	13.308
1/22/2016 4:00:00 AM	317700.000	762.662	13.325
1/22/2016 4:15:00 AM	318600.000	762.640	13.309
1/22/2016 4:30:00 AM	319500.000	762.689	13.276
1/22/2016 4:45:00 AM	320400.000	762.159	13.296
1/22/2016 5:00:00 AM	321300.000	762.339	13.263
1/22/2016 5:15:00 AM	322200.000	762.299	13.271
1/22/2016 5:30:00 AM	323100.000	762.357	13.242
1/22/2016 5:45:00 AM	324000.000	762.469	13.264
1/22/2016 6:00:00 AM	324900.000	762.574	13.269
1/22/2016 6:15:00 AM	325800.000	762.614	13.240
1/22/2016 6:30:00 AM	326700.000	762.678	13.252
1/22/2016 6:45:00 AM	327600.000	762.631	13.242
1/22/2016 7:00:00 AM	328500.000	762.648	13.248
1/22/2016 7:15:00 AM	329400.000	762.883	13.221
1/22/2016 7:30:00 AM	330300.000	762.786	13.260
1/22/2016 7:45:00 AM	331200.000	763.064	13.249
1/22/2016 8:00:00 AM	332100.000	763.206	13.256
1/22/2016 8:15:00 AM	333000.000	763.256	13.275
1/22/2016 8:30:00 AM	333900.000	763.277	13.266
1/22/2016 8:45:00 AM	334800.000	763.039	13.288
1/22/2016 9:00:00 AM	335700.000	762.844	13.311
1/22/2016 9:15:00 AM	336600.000	763.347	13.298
1/22/2016 9:30:00 AM	337500.000	763.071	13.332
1/22/2016 9:45:00 AM	338400.000	763.419	13.344
1/22/2016 10:00:00 AM	339300.000	763.267	13.353
1/22/2016 10:15:00 AM	340200.000	763.126	13.342
1/22/2016 10:30:00 AM	341100.000	762.696	13.376
1/22/2016 10:45:00 AM	342000.000	762.602	13.376
1/22/2016 11:00:00 AM	342900.000	762.747	13.394
1/22/2016 11:15:00 AM	343800.000	763.116	13.423
1/22/2016 11:30:00 AM	344700.000	762.530	13.453
1/22/2016 11:45:00 AM	345600.000	762.213	13.488
1/22/2016 12:00:00 PM	346500.000	762.086	13.520
1/22/2016 12:15:00 PM	347400.000	762.053	13.579
1/22/2016 12:30:00 PM	348300.000	762.073	13.638
1/22/2016 12:45:00 PM	349200.000	761.133	13.695
1/22/2016 1:00:00 PM	350100.000	761.804	13.746
1/22/2016 1:15:00 PM	351000.000	761.855	13.835
1/22/2016 1:30:00 PM	351900.000	761.110	13.866
1/22/2016 1:45:00 PM	352800.000	761.056	13.960
1/22/2016 2:00:00 PM	353700.000	760.963	14.020
1/22/2016 2:15:00 PM	354600.000	761.329	14.118
1/22/2016 2:30:00 PM	355500.000	761.250	14.189
1/22/2016 2:45:00 PM	356400.000	760.998	14.273
1/22/2016 3:00:00 PM	357300.000	761.034	14.336
1/22/2016 3:15:00 PM	358200.000	760.945	14.384
1/22/2016 3:30:00 PM	359100.000	760.862	14.447
1/22/2016 3:45:00 PM	360000.000	760.925	14.473
1/22/2016 4:00:00 PM	360900.000	761.389	14.503

1/22/2016 4:15:00 PM	361800.000	761.237	14.532
1/22/2016 4:30:00 PM	362700.000	760.944	14.541
1/22/2016 4:45:00 PM	363600.000	761.376	14.559
1/22/2016 5:00:00 PM	364500.000	761.184	14.547
1/22/2016 5:15:00 PM	365400.000	761.347	14.548
1/22/2016 5:30:00 PM	366300.000	761.185	14.529
1/22/2016 5:45:00 PM	367200.000	761.622	14.494
1/22/2016 6:00:00 PM	368100.000	761.228	14.464
1/22/2016 6:15:00 PM	369000.000	761.597	14.443
1/22/2016 6:30:00 PM	369900.000	761.638	14.419
1/22/2016 6:45:00 PM	370800.000	761.482	14.431
1/22/2016 7:00:00 PM	371700.000	761.554	14.412
1/22/2016 7:15:00 PM	372600.000	761.807	14.370
1/22/2016 7:30:00 PM	373500.000	761.933	14.340
1/22/2016 7:45:00 PM	374400.000	761.913	14.345
1/22/2016 8:00:00 PM	375300.000	762.332	14.303
1/22/2016 8:15:00 PM	376200.000	761.977	14.309
1/22/2016 8:30:00 PM	377100.000	762.063	14.233
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1/26/2016 12:15:00 AM	649800.000	768.676	12.137
1/26/2016 12:30:00 AM	650700.000	768.611	12.101
1/26/2016 12:45:00 AM	651600.000	768.772	12.036
1/26/2016 1:00:00 AM	652500.000	768.515	12.025

1/26/2016 1:15:00 AM	653400.000	768.568	11.963
1/26/2016 1:30:00 AM	654300.000	768.812	11.923
1/26/2016 1:45:00 AM	655200.000	768.891	11.898
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1/27/2016 11:45:00 PM	820800.000	769.113	12.165

GEOSCIENCE

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