

MONTEREY PENINSULA WATER SUPPLY PROJECT

Test Slant Well Long Term Pumping Monitoring Report No. 106 10-May-17 - 17-May-17

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

May 23, 2017

PREPARED FOR:
California American Water



**CALIFORNIA
AMERICAN WATER**

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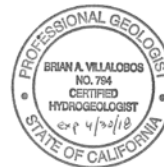
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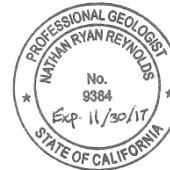
THIS REPORT HAS BEEN PREPARED BY OR UNDER THE DIRECTION OF THE FOLLOWING DESIGN PROFESSIONAL LICENSED BY THE STATE OF CALIFORNIA AND BASED ON THE MOST RECENT AVAILABLE INFORMATION.



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Description

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- A-2 Coastal Development Permit Amendment No. A-3-MRA-14-0050-A1
- B Groundwater Level and Salinity Instrument Data for the Period 10-May-17 through 17-May-17

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. 106 10-MAY-17 - 17-MAY-17

1.0 GENERAL

1.1 Purpose and Scope

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

1.2 Monitoring Well Construction

During the period from December 2014 to March 2015, four monitoring well clusters were constructed (MW-1, MW-3, MW-4, and MW-5) with each cluster consisting of three monitoring wells completed at different depth intervals. In addition, four monitoring well clusters (MW-6, MW-8, MW-9, and MW-7) were completed on 5-Apr-15, 29-May-15, 30-Jun-15, and 9-Aug-15. An additional cluster had been planned for construction (MW-10), however, due to inaccessibility the proposed cluster has been removed from the proposed monitoring network. The naming convention for the monitoring wells in each cluster is as follows: MW-1S, MW-1M and MW-1D refer to shallow, middle and deep monitoring zones, respectively, for monitoring well cluster MW-1. In addition, there are several existing wells which are being monitored or are planned to be monitored for water level and salinity: one well at the Monterey Regional Water Pollution Control Agency Plant (MRWPCA Well 1); and one existing well on the CEMEX property (CEMEX North Well). In addition to the already constructed, planned and existing groundwater monitoring wells, a stilling well installed at the north end of CEMEX's dredge pond (CP-1) is also being monitored. The transducer installed in the dredge pond was buried in sand due to winter storms surges in December 2015. Upon CEMEX's request a replacement stilling well and transducer were installed in the dredge pond in July 2016. Data will be included in Figures 2-10 and 3-10 as soon as survey elevations become available.

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

1.3 Baseline Water Level and Water Quality Weekly Monitoring Reports

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

1.4 Test Slant Well Baseline Water Level and Quality Data

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

1.5 Test Slant Well Long Term Pumping Test Monitoring Reports

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

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

1.5.1 Interruption of Pumping Due to Power Outages

On several occasions the Test Slant Well has unexpectedly stopped pumping due to a Pacific Gas & Electric Company (PG&E) low voltage issues in the immediate area. The pump has also been turned off intentionally to perform repairs on the Test Slant Well's temporary discharge line. This table summarizes the details of the pumping interruptions encountered during the Long Term Pumping Test:

Pumping Interruptions					
Pump Off		Pump On		Time Off (hours)	Cause
Date	Time	Date	Time		
1/19/2016	11:10 AM	1/20/2016	8:51 AM	22	PG&E power interruption
1/22/2016	11:53 PM	1/24/2016	11:01 AM	35	PG&E power interruption
1/30/2016	2:50 AM	1/30/2016	11:08 AM	8	PG&E power interruption
1/31/2016	3:29 PM	2/1/2016	11:20 AM	20	PG&E power interruption
2/12/2016	2:43 AM	2/12/2016	10:51 AM	8	PG&E power interruption
3/1/2016	8:30 AM	3/2/2016	1:40 PM	29	Discharge line repairs
3/4/2016	10:10 AM	5/2/2016	1:22 PM	1,419	Discharge line repairs
5/17/2016	11:59 PM	5/18/2016	2:35 PM	15	PG&E power interruption
5/25/2016	1:28 PM	5/25/2016	5:21 PM	4	PG&E power interruption
6/3/2016	7:45 AM	6/3/2016	9:08 AM	1	PG&E power interruption
7/8/2016	6:12 AM	7/8/2016	7:17 AM	1	PG&E power interruption
7/14/2016	10:21 AM	7/14/2016	11:36 AM	1	PG&E power interruption
8/13/2016	11:32 AM	8/16/2016	7:29 PM	80	PG&E power interruption
10/3/2016	7:55 PM	10/5/2016	6:23 PM	46	PG&E power interruption
12/24/2016	9:18 AM	1/11/2017	9:23 AM	432	PG&E power interruption & discharge line repair
1/20/2017	7:42 PM	1/25/2017	2:43 PM	115	PG&E power interruption
2/17/2017	5:43 AM	2/23/2017	9:47 AM	148	PG&E power interruption
2/23/2017	9:57 AM	2/23/2017	12:13 PM	2	PG&E power interruption
3/13/2017	2:48 PM	3/13/2017	4:14 PM	1	PG&E power interruption
3/22/2017	4:54 AM	3/22/2017	9:09 AM	4	PG&E power interruption
4/10/2017	4:04 AM	4/10/2017	10:32 AM	6	PG&E power interruption

1.6 Test Slant Well Water Quality

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

1.7 Format of Report

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

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

In compliance with CDP #A-3-MRA-14-0050, the Test Slant Well Long Term Pumping Monitoring Report No. 106 (this report), is the one-hundred sixth of the weekly long-term pumping monitoring reports and follows the weekly baseline monitoring reports, the last of which ended on 22-Apr-15 (Baseline Monitoring Report No. 7¹).

2.0 CONVERSION OF TRANSDUCER PRESSURE MEASUREMENTS TO GROUNDWATER ELEVATIONS

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

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).

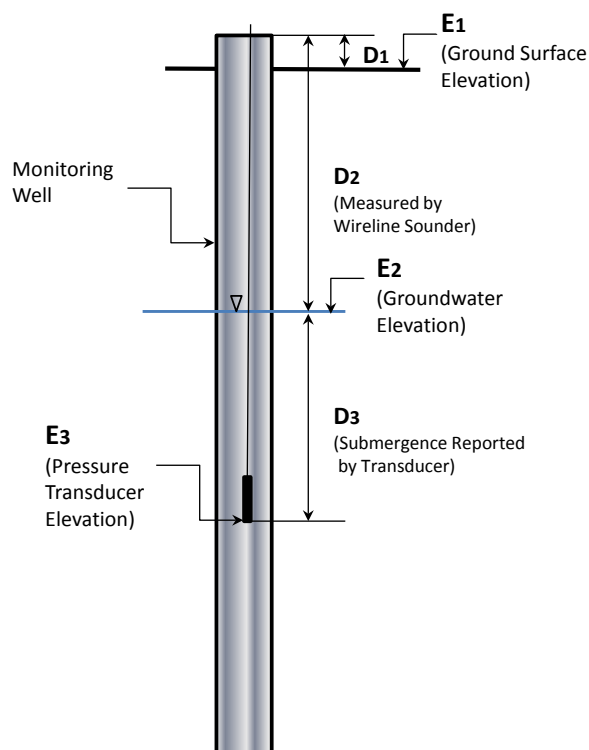
line sounder (Solinst, Model 101) to establish the depth to water in the well. The transducer elevation is then determined as follows:

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

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

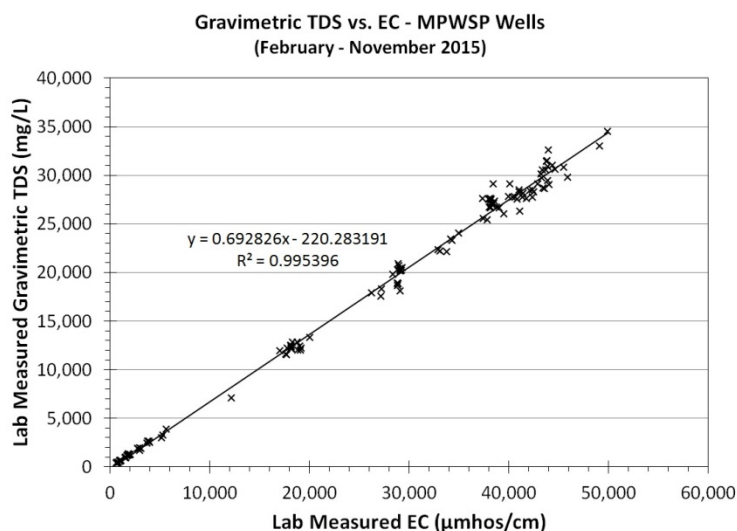
$$\text{Groundwater Elevation (E2)} = E3 + D3$$

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



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

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



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

3.1 Additional Monitoring Methods

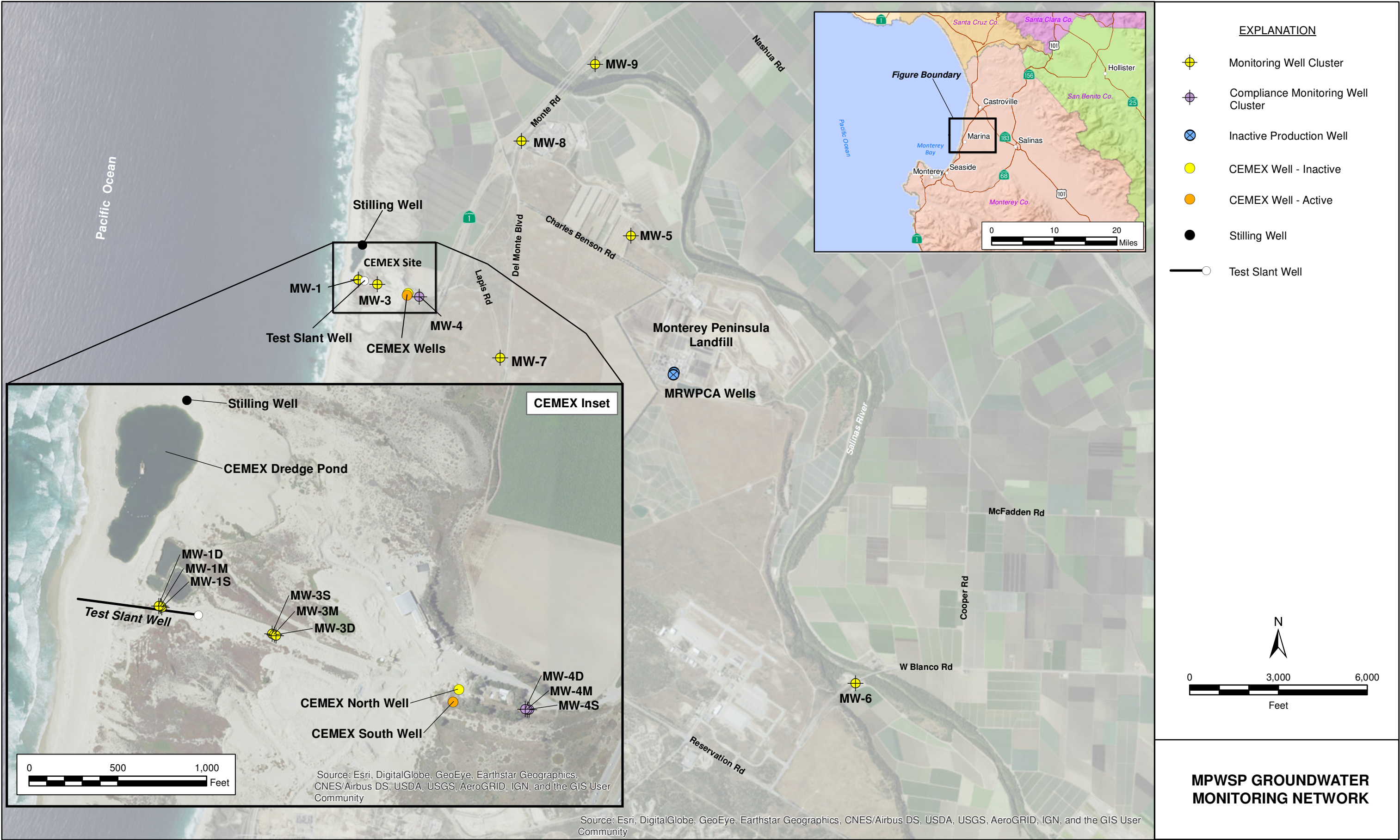
The baseline water level and water quality data indicated that the water quality in the aquifers at MW-3 and MW-4 series show vertical stratification. Therefore, direct correlation between laboratory samples collected by pumping the monitoring wells and conductivity data cannot be made since the pumped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

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

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

FIGURES

©2017, GEOSCIENCE Support Services, Inc. All rights reserved.
Drawn By: DB Projection: State Plane 1983, Zone IV, WGS84 Proj: ntwsp_cal_amrdr_wl_monitoring Long Term Monitoring_Rpt_Lo106_5-23-17-1_Fig_1-1_MonWells_5-23-17.mxd



Groundwater Elevation in MPWSP MW-1

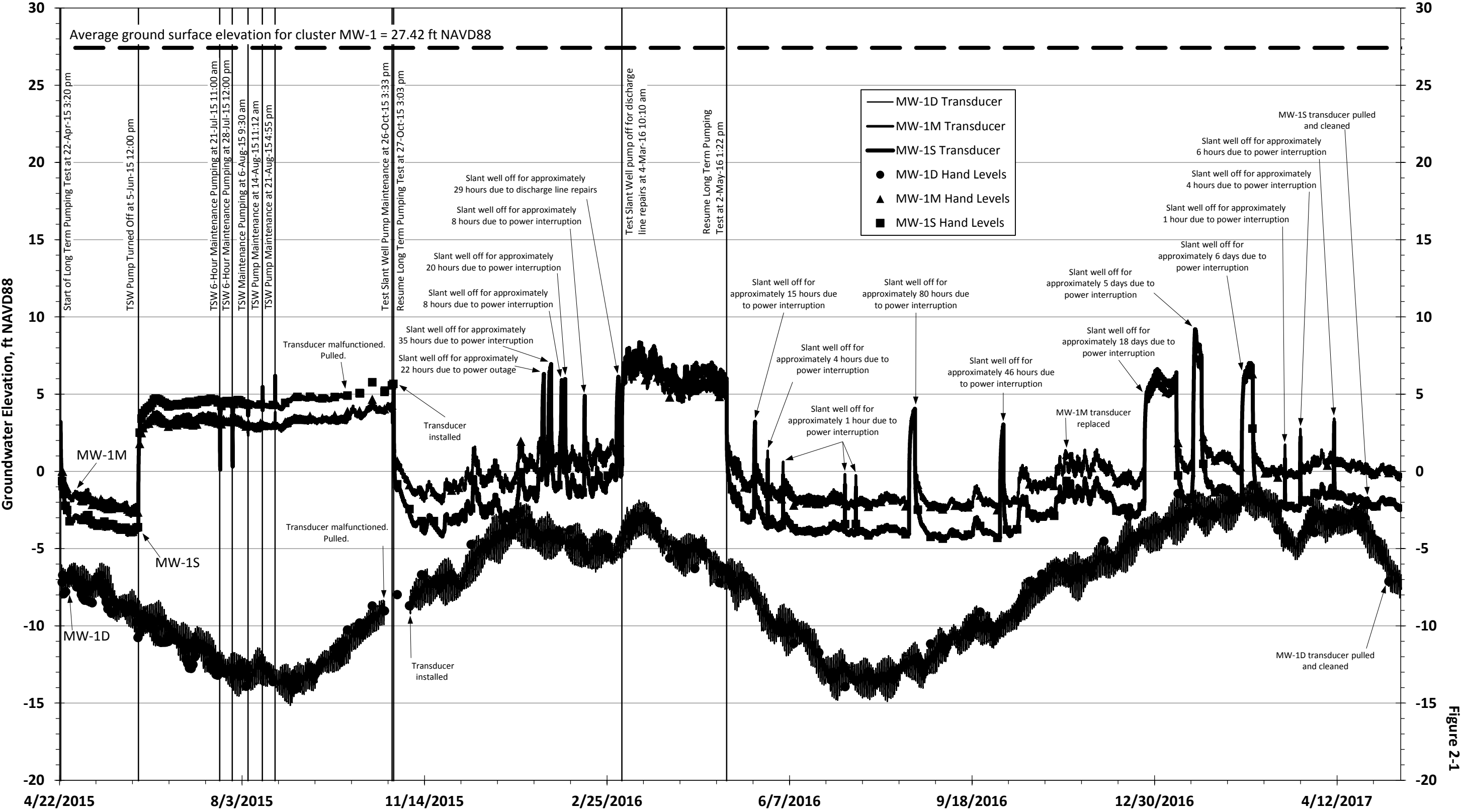


Figure 2-1

Groundwater Elevation in MPWSP MW-3

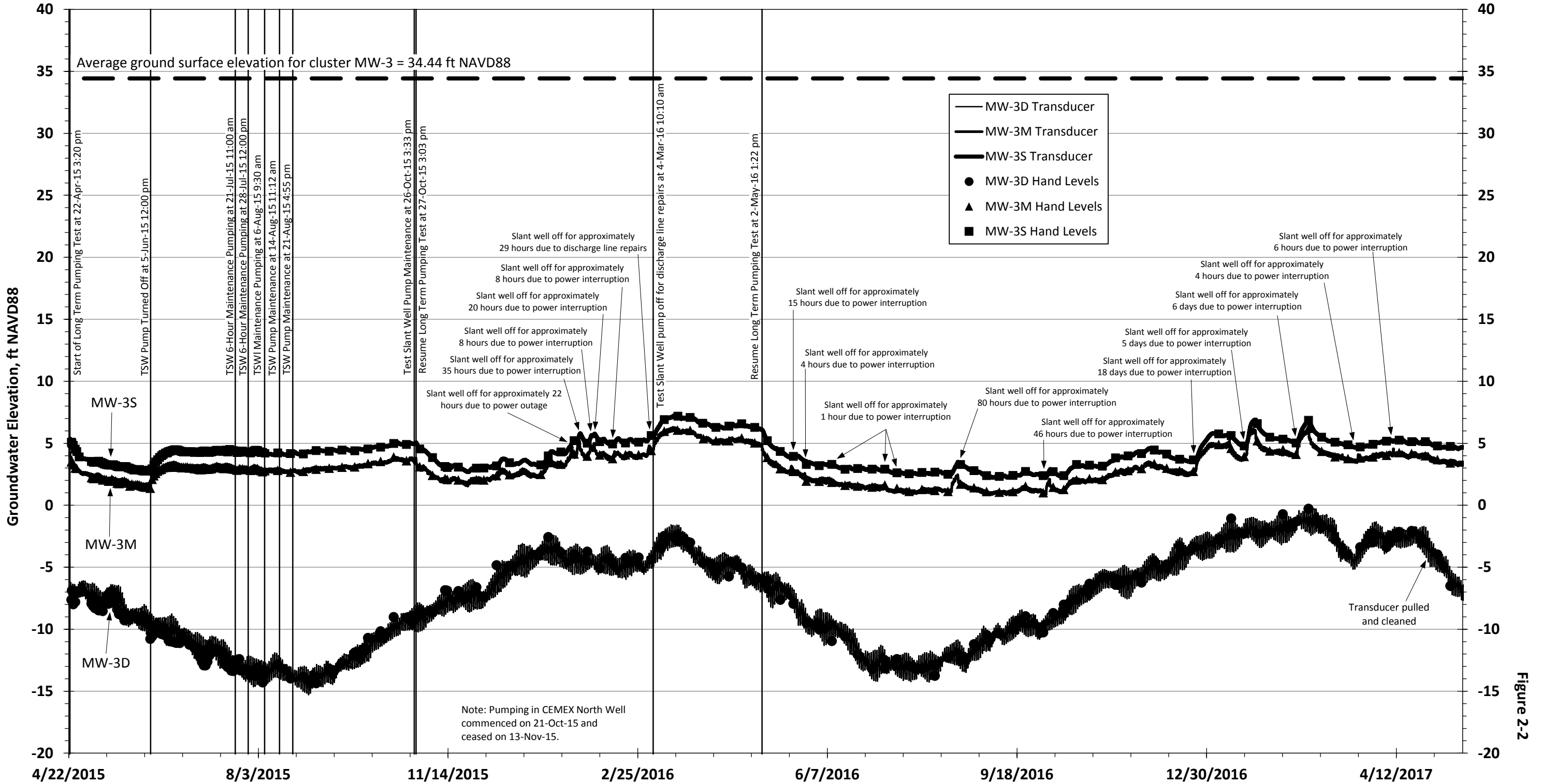


Figure 2-2

Groundwater Elevation, ft NAVD88

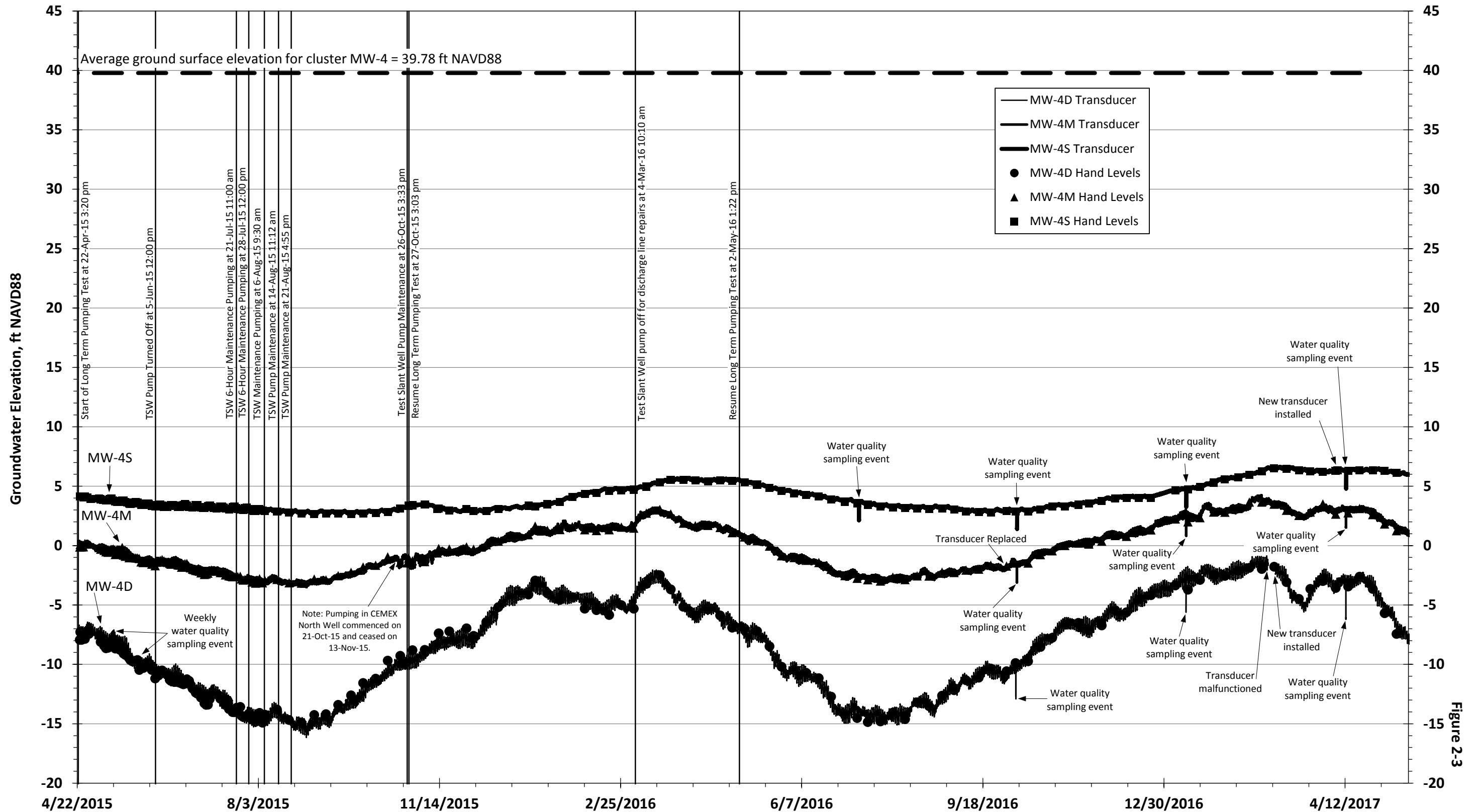
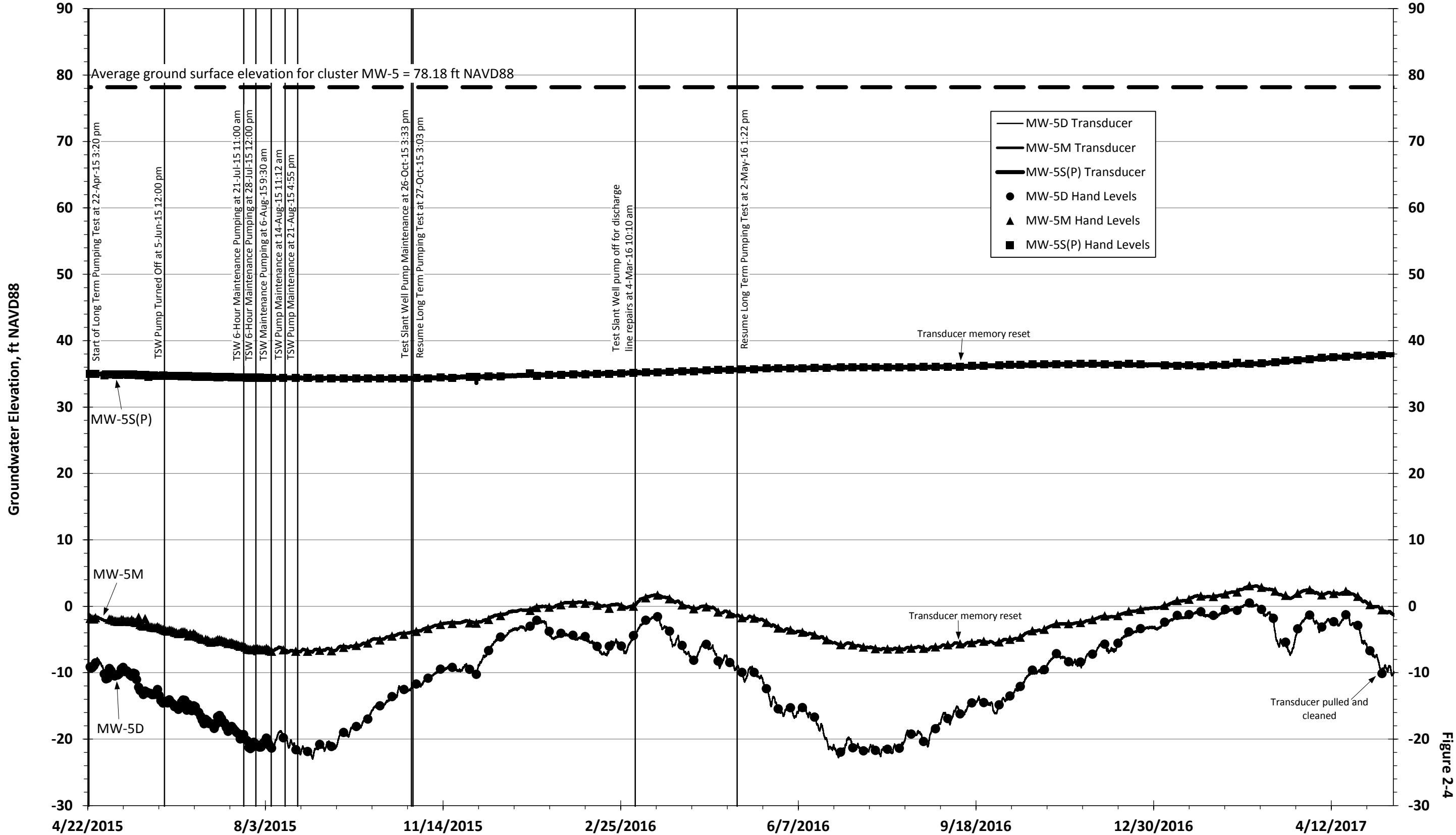


Figure 2-3

Groundwater Elevation in MPWSP MW-5



Groundwater Elevation in MPWSP MW-6

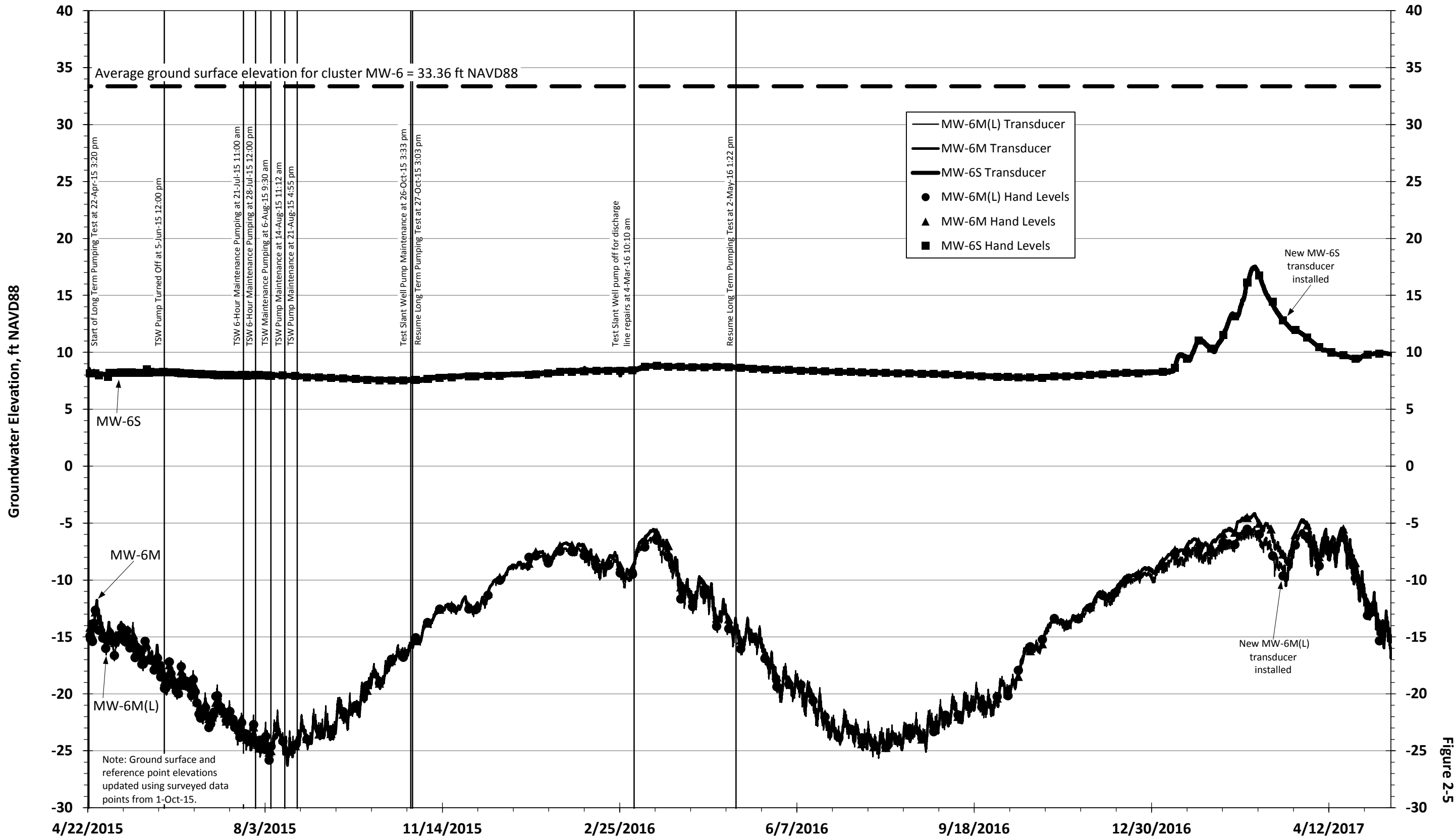
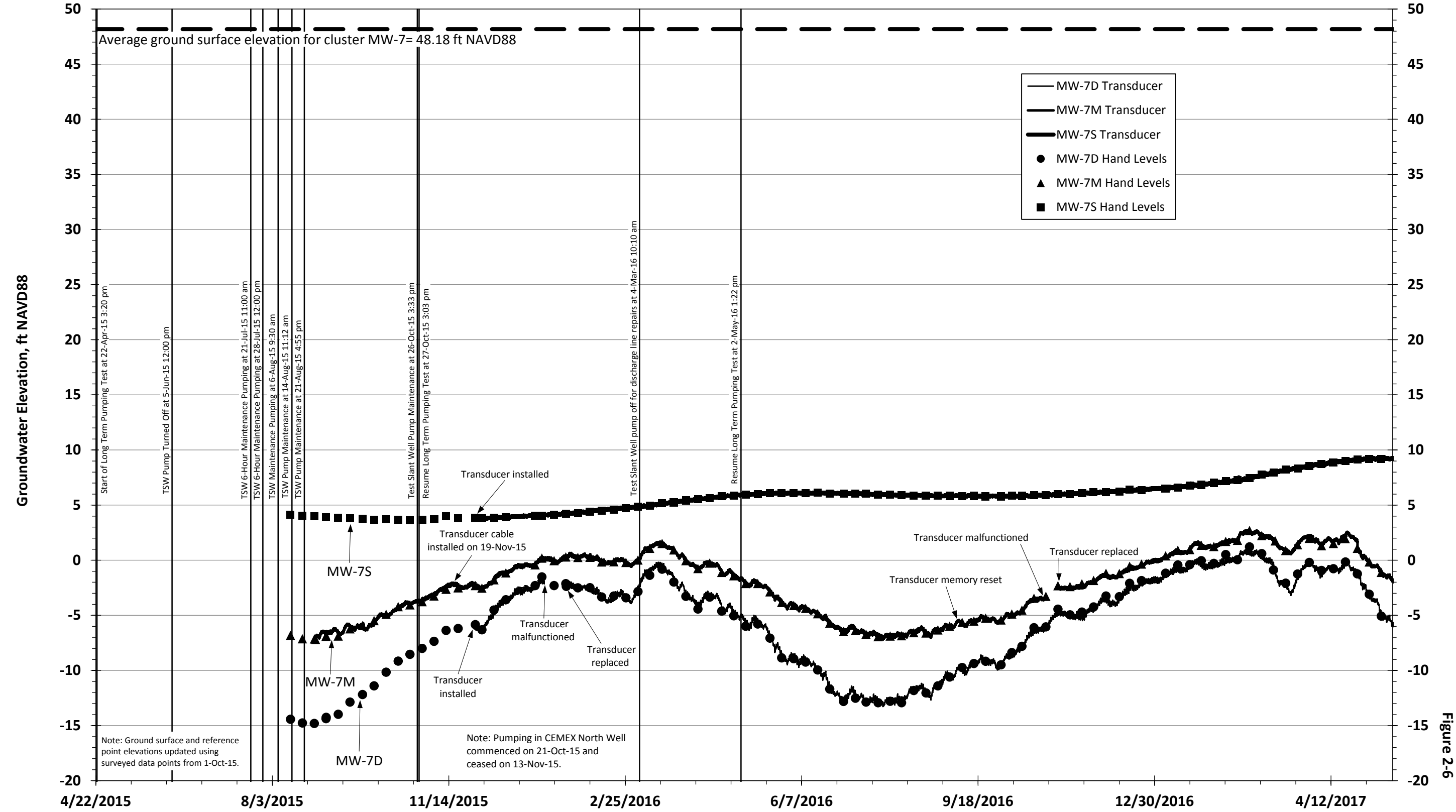


Figure 2-5

Groundwater Elevation in MPWSP MW-7



Groundwater Elevation in MPWSP MW-8

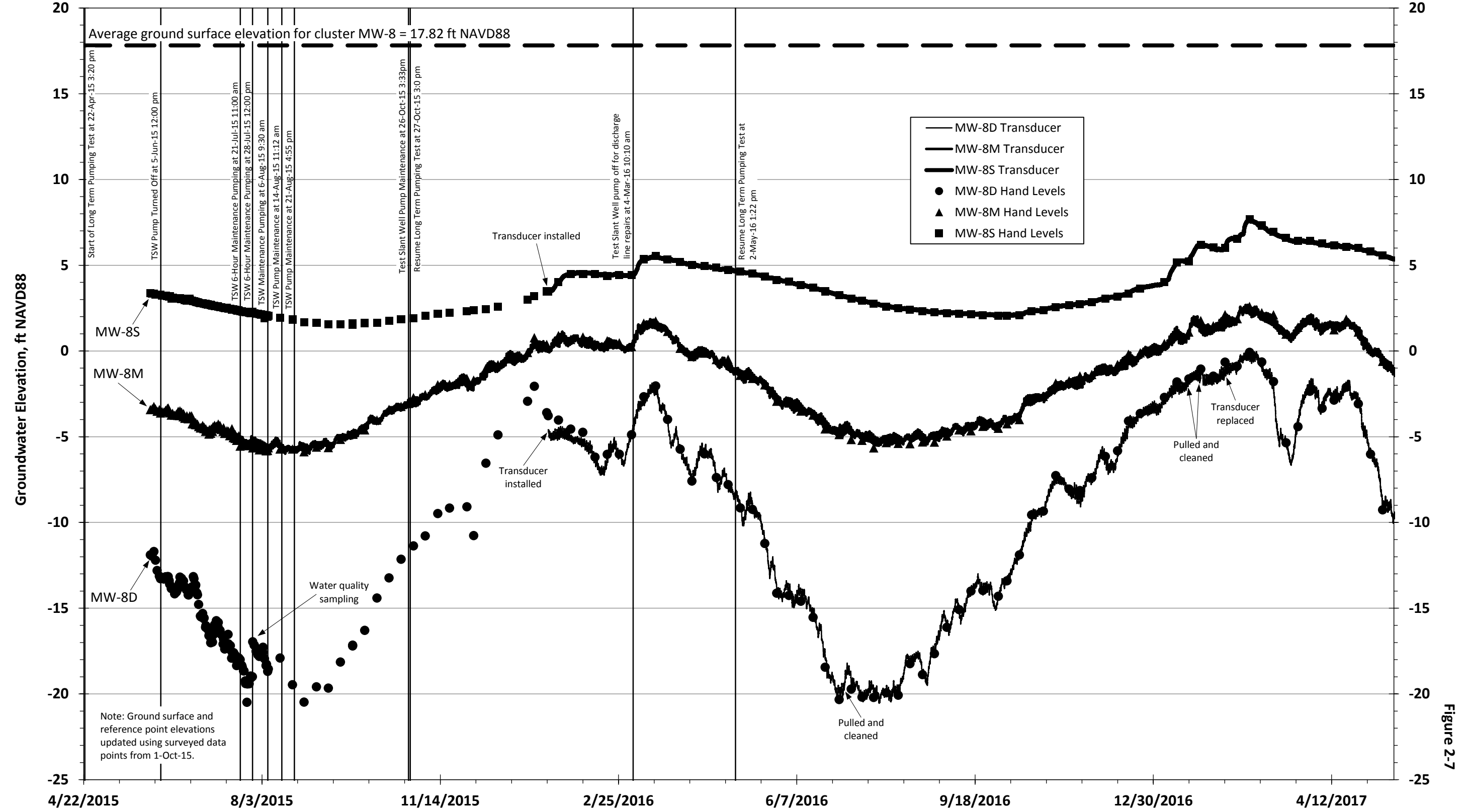
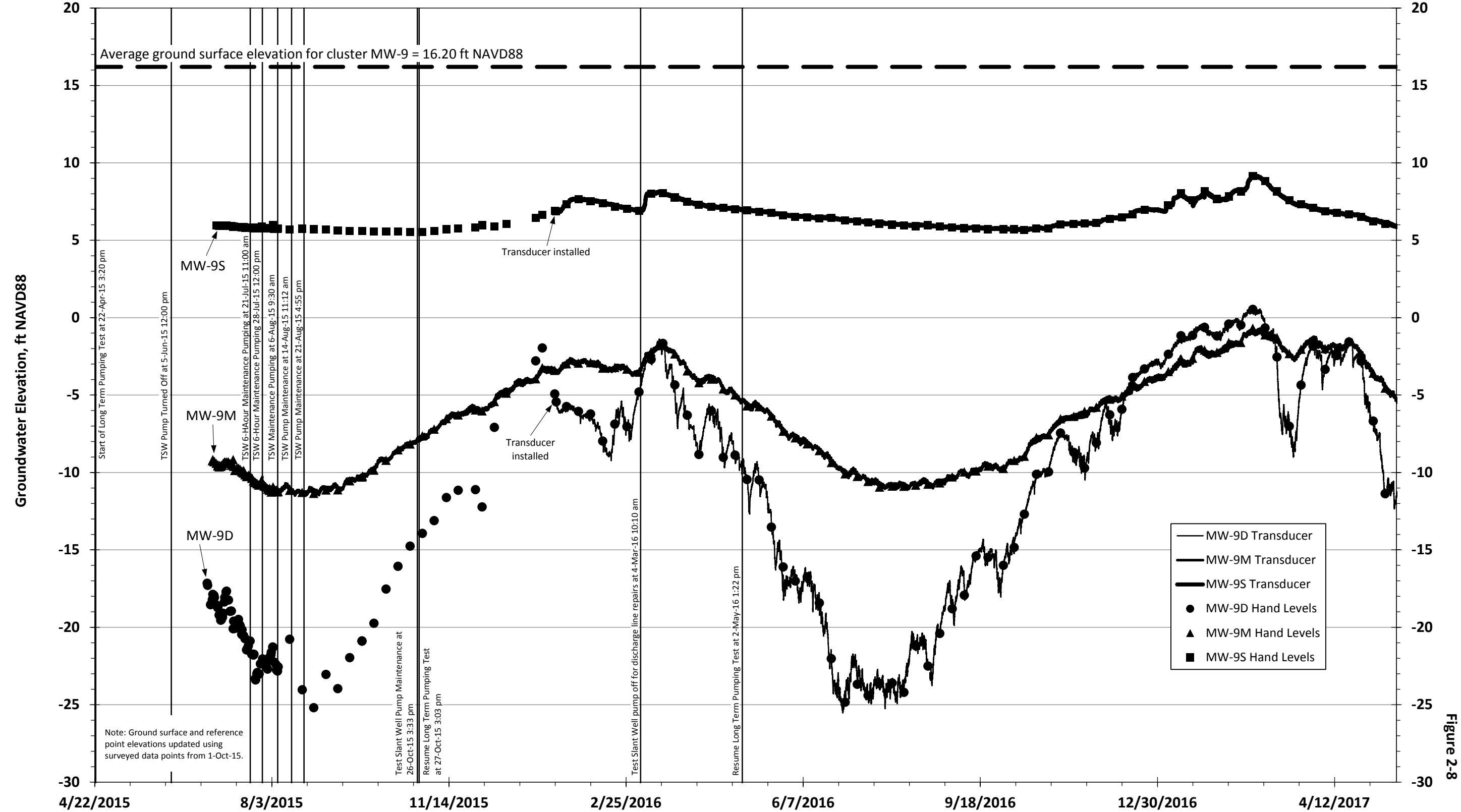


Figure 2-7

Groundwater Elevation in MPWSP MW-9



Groundwater Elevation in Monterey Regional Water Pollution Control Agency Wells

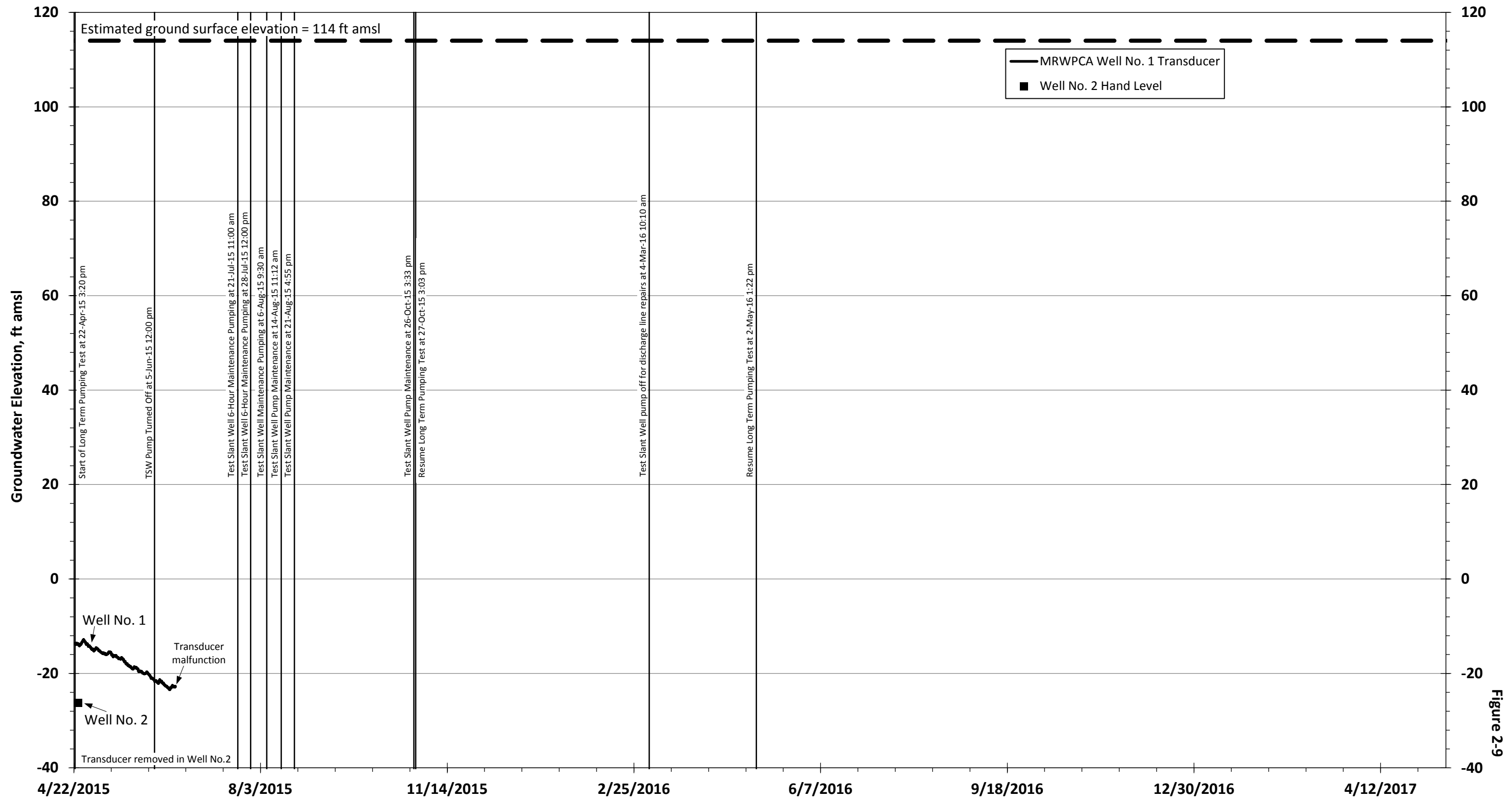


Figure 2-9

Surface Water Elevation in CEMEX Dredge Pond

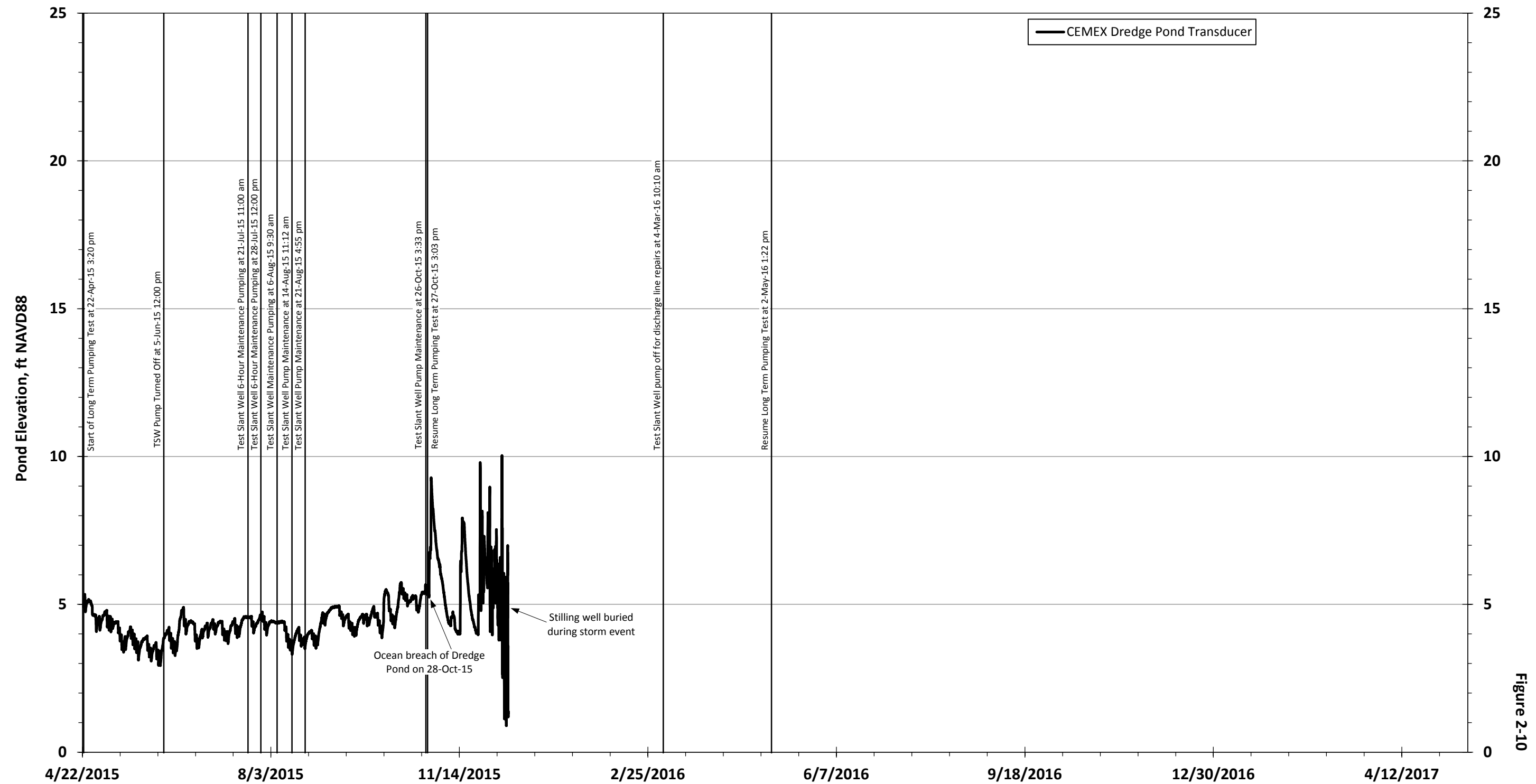


Figure 2-10

Groundwater Elevation in CEMEX North Well

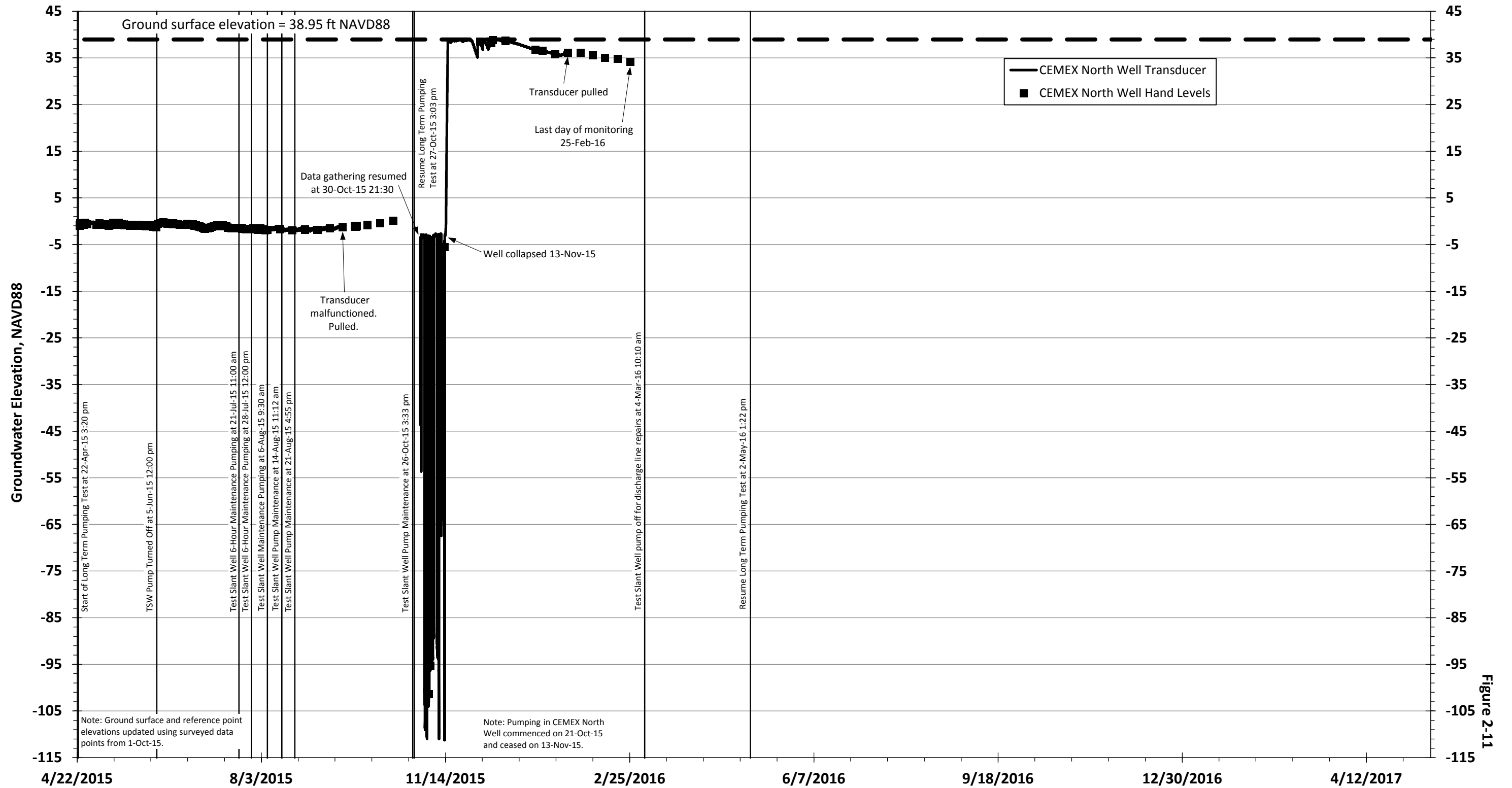
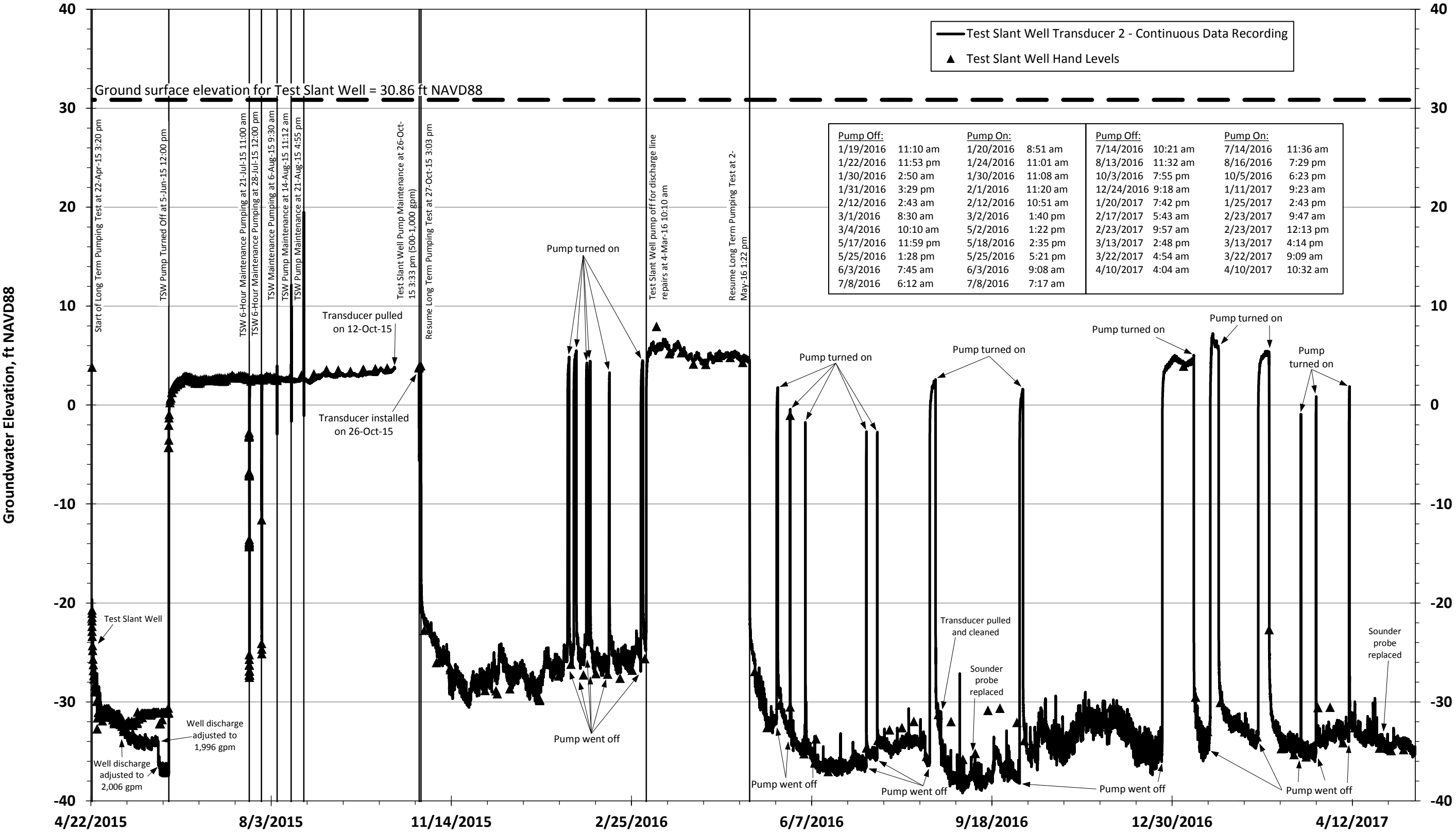


Figure 2-11

Groundwater Elevation in MPWSP Test Slant Well



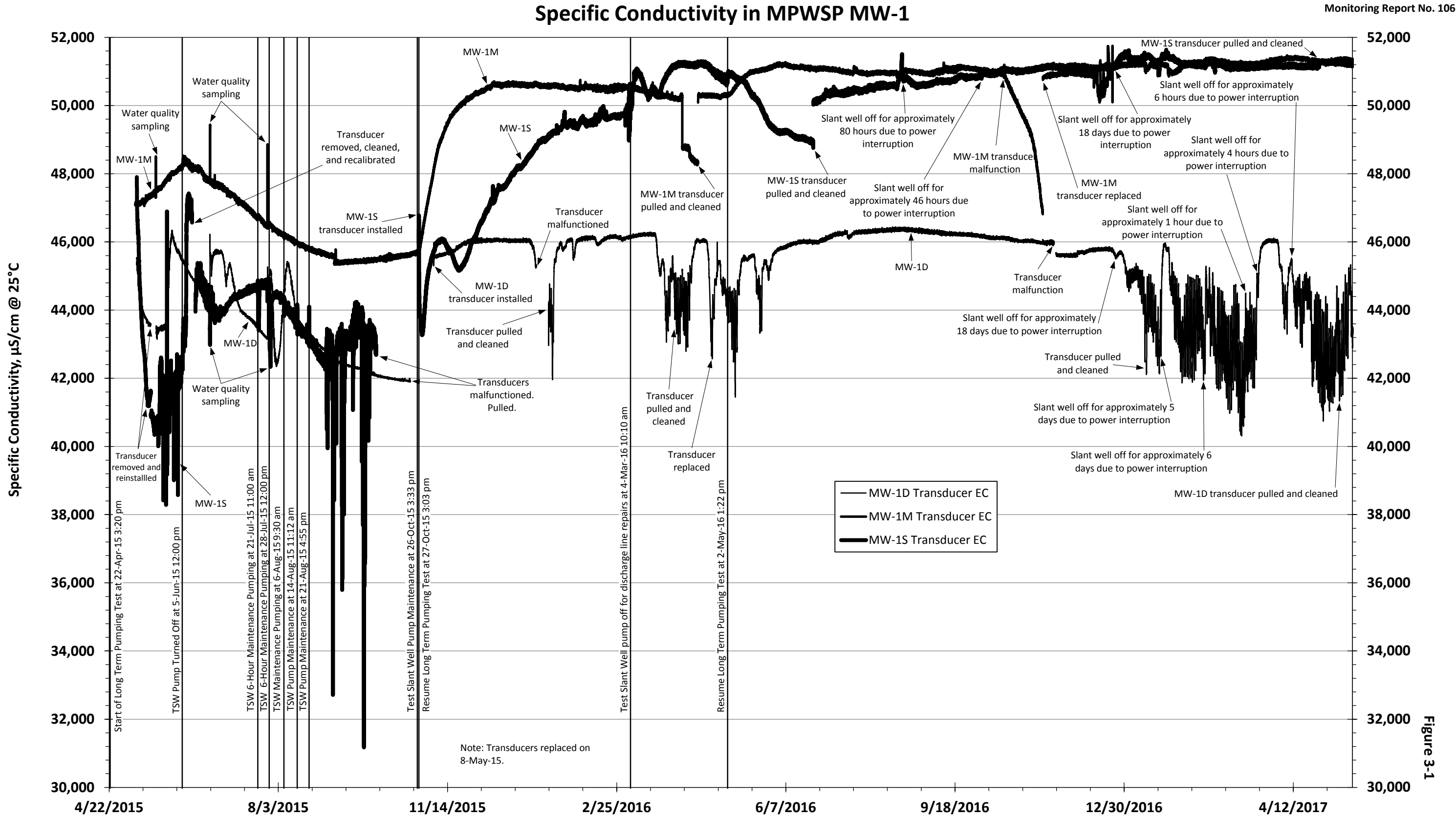


Figure 3-1

Specific Conductivity in MPWSP MW-3

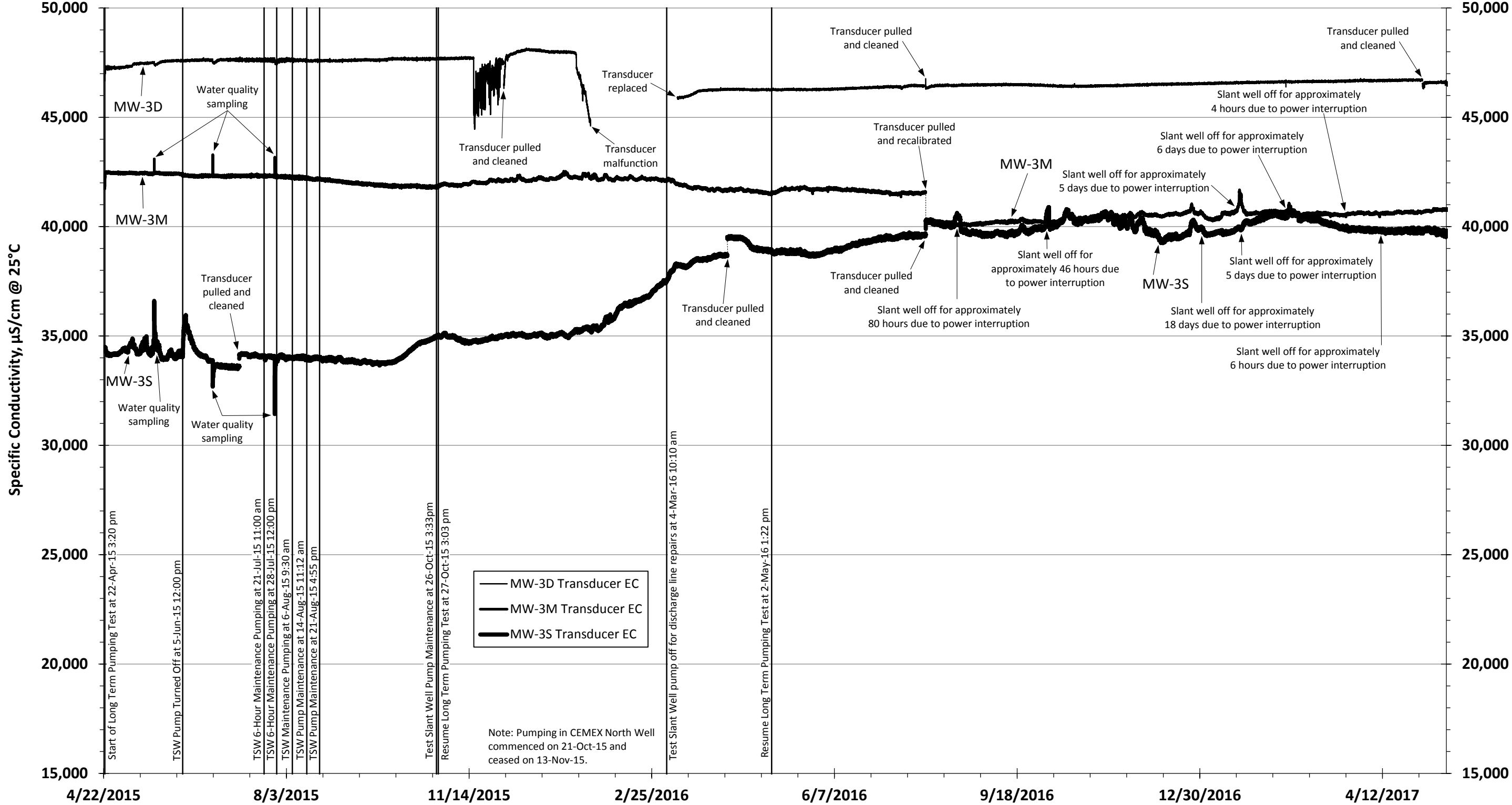


Figure 3-2

Specific Conductivity in MPWSP MW-4

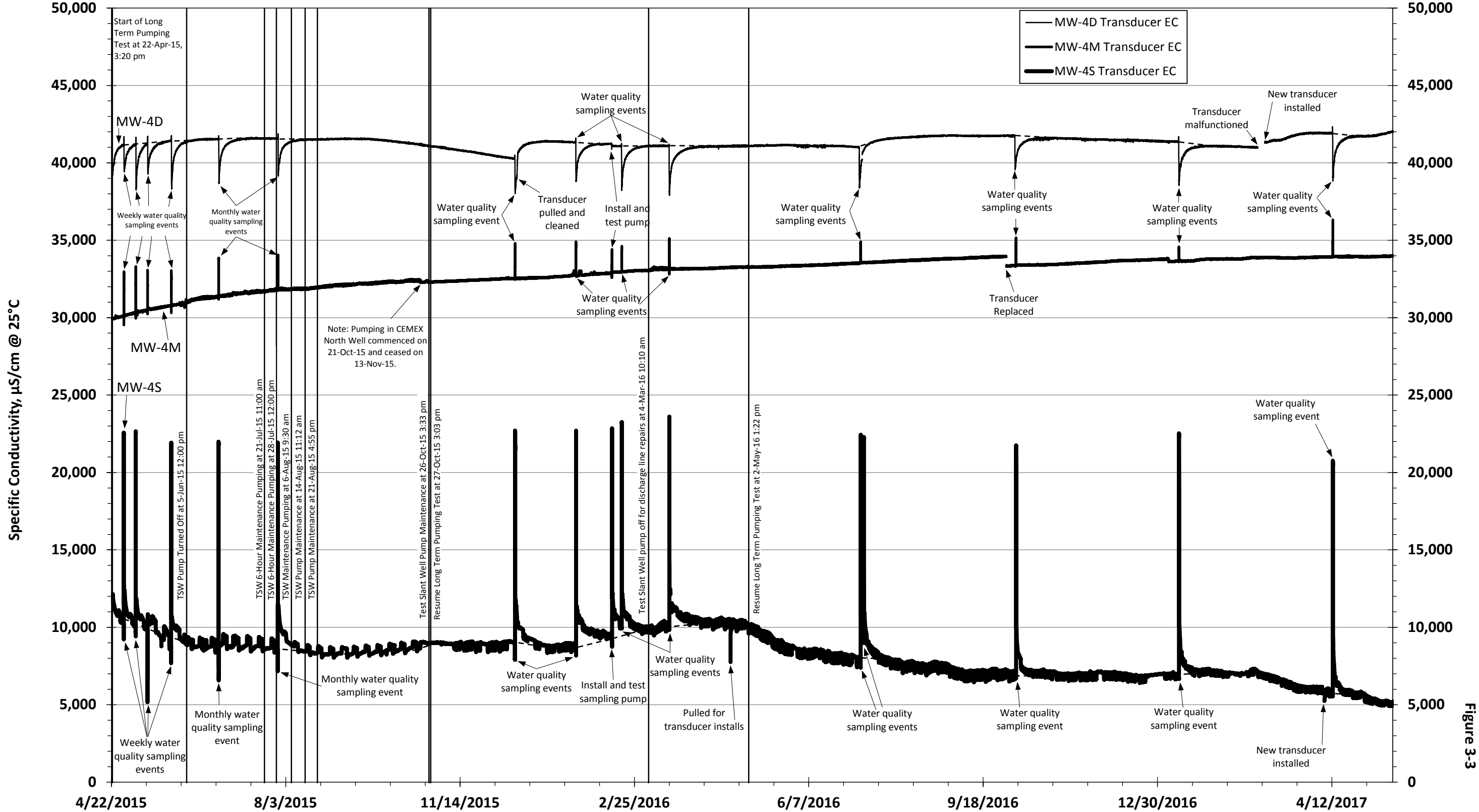


Figure 3-3

Specific Conductivity in MPWSP MW-5

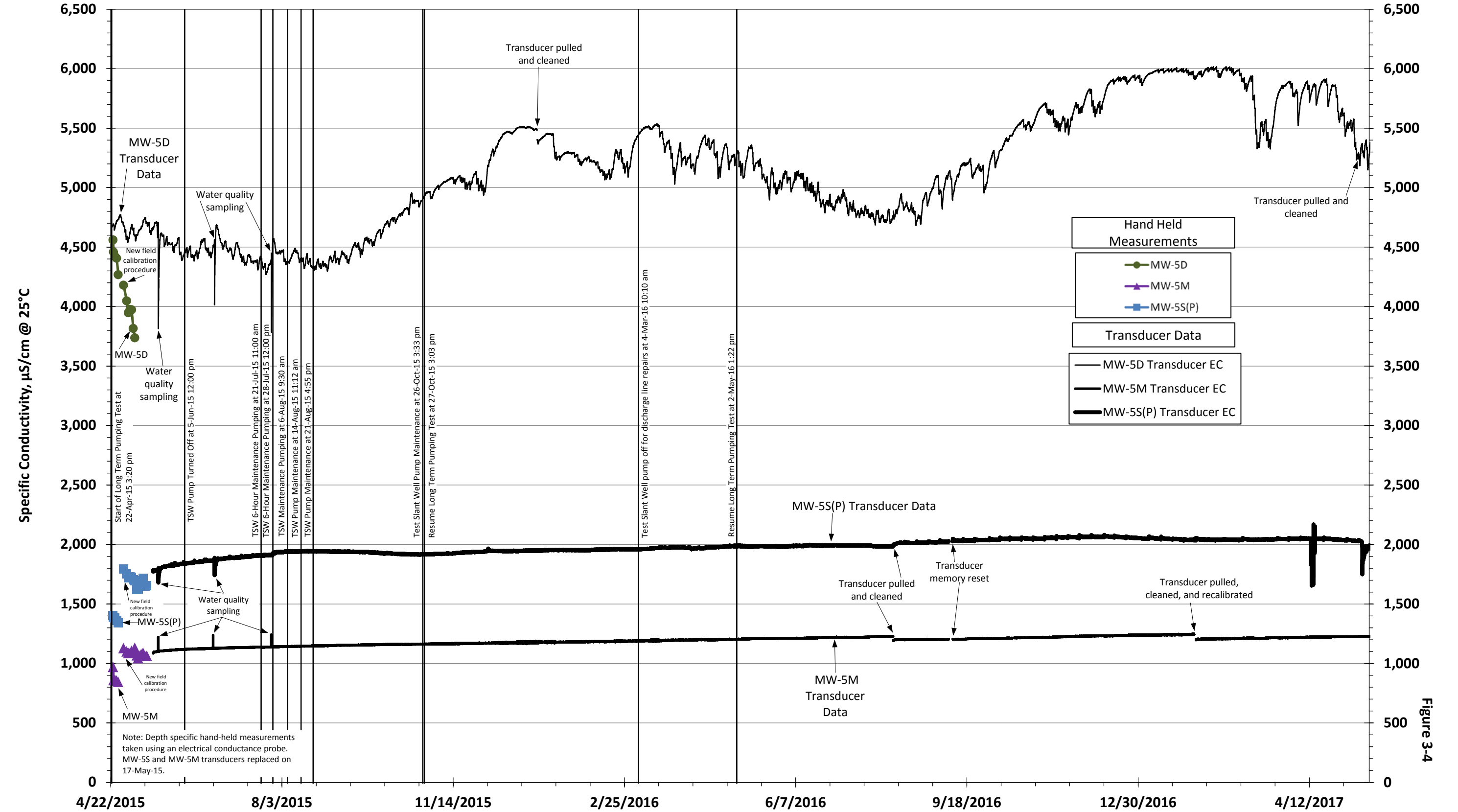


Figure 3-4

Specific Conductivity in MPWSP MW-6

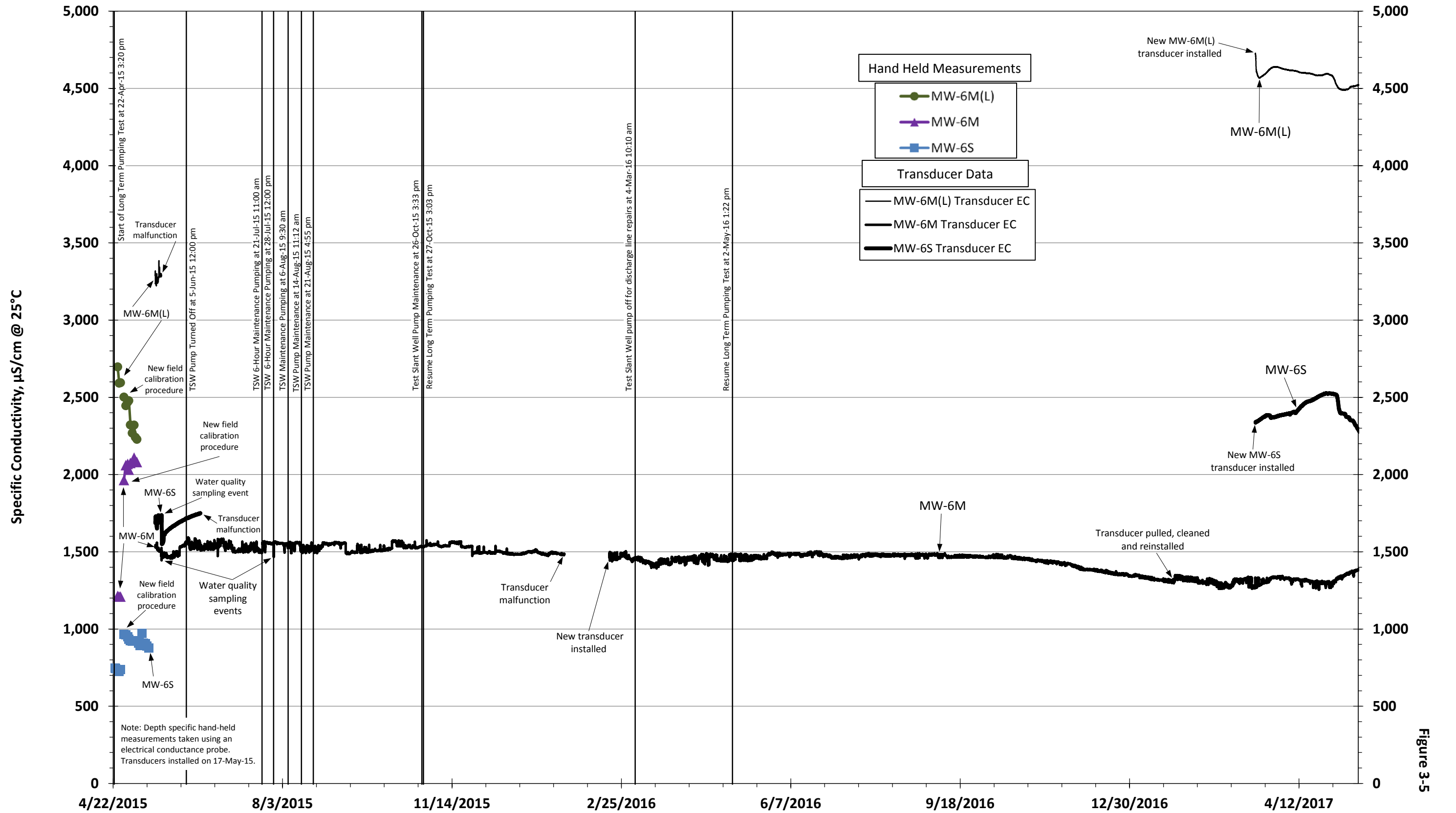


Figure 3-5

Specific Conductivity in MPWSP MW-7

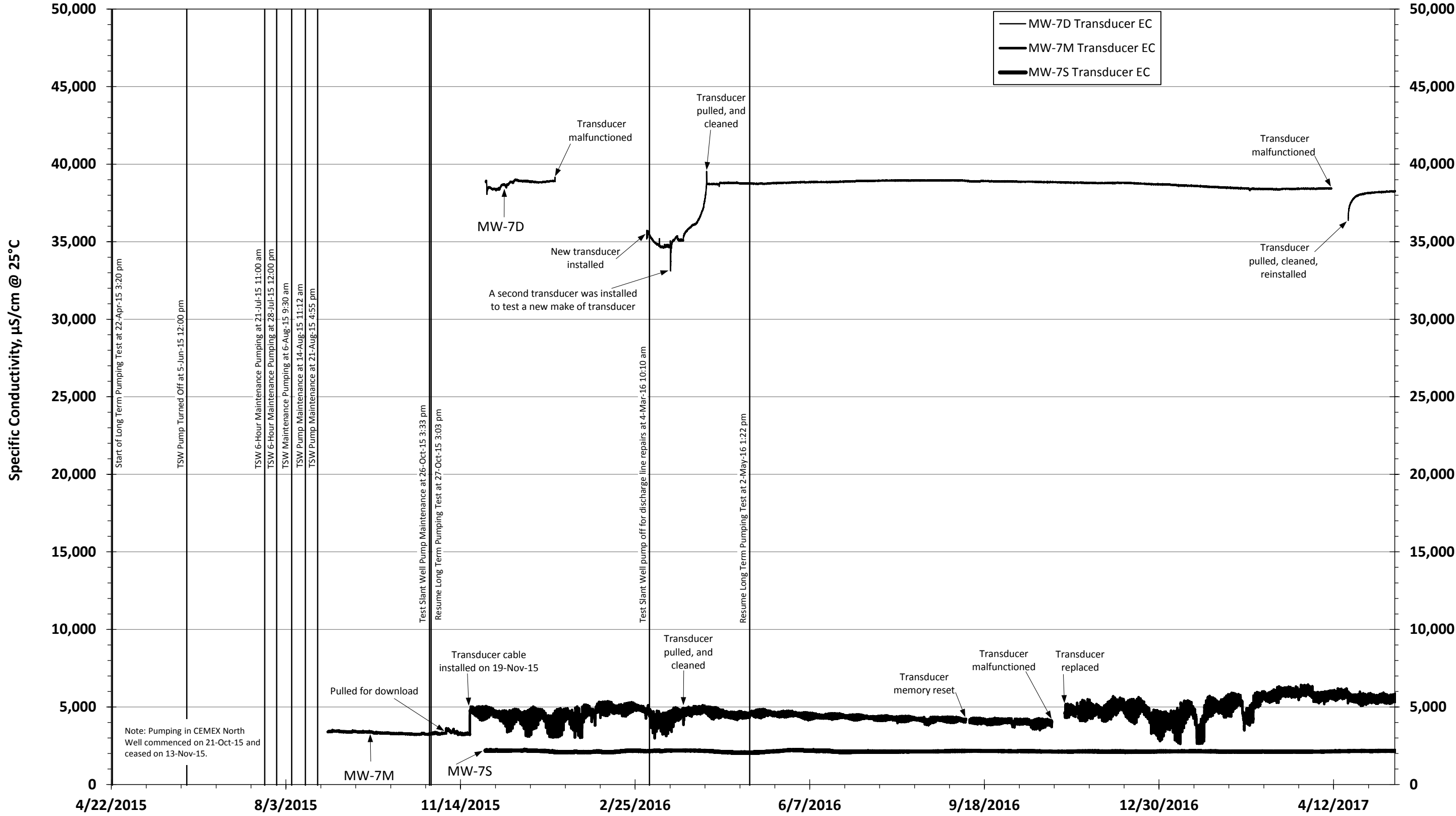


Figure 3-6

Specific Conductivity in MPWSP MW-8

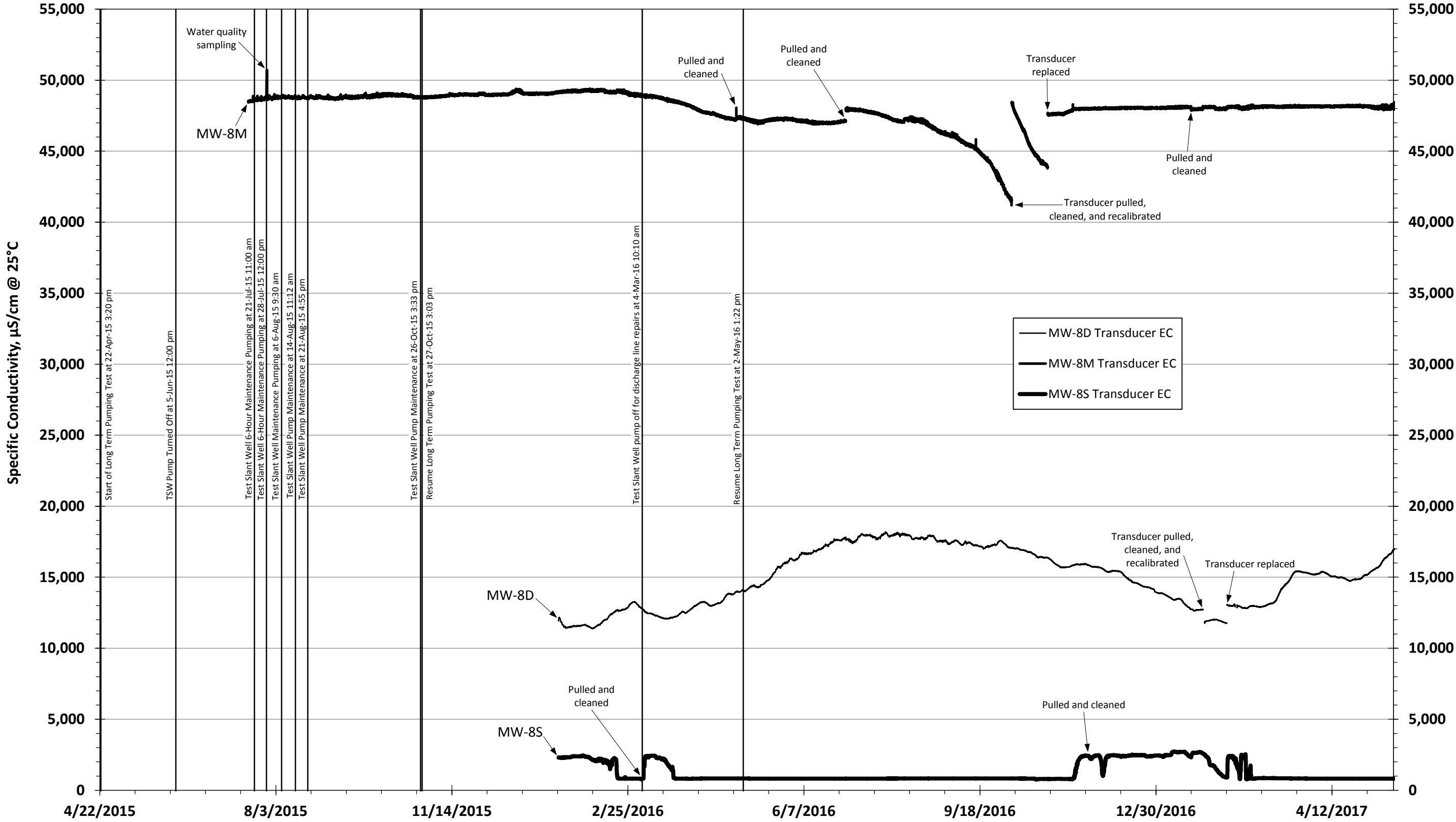


Figure 3-7

Specific Conductivity in MPWSP MW-9

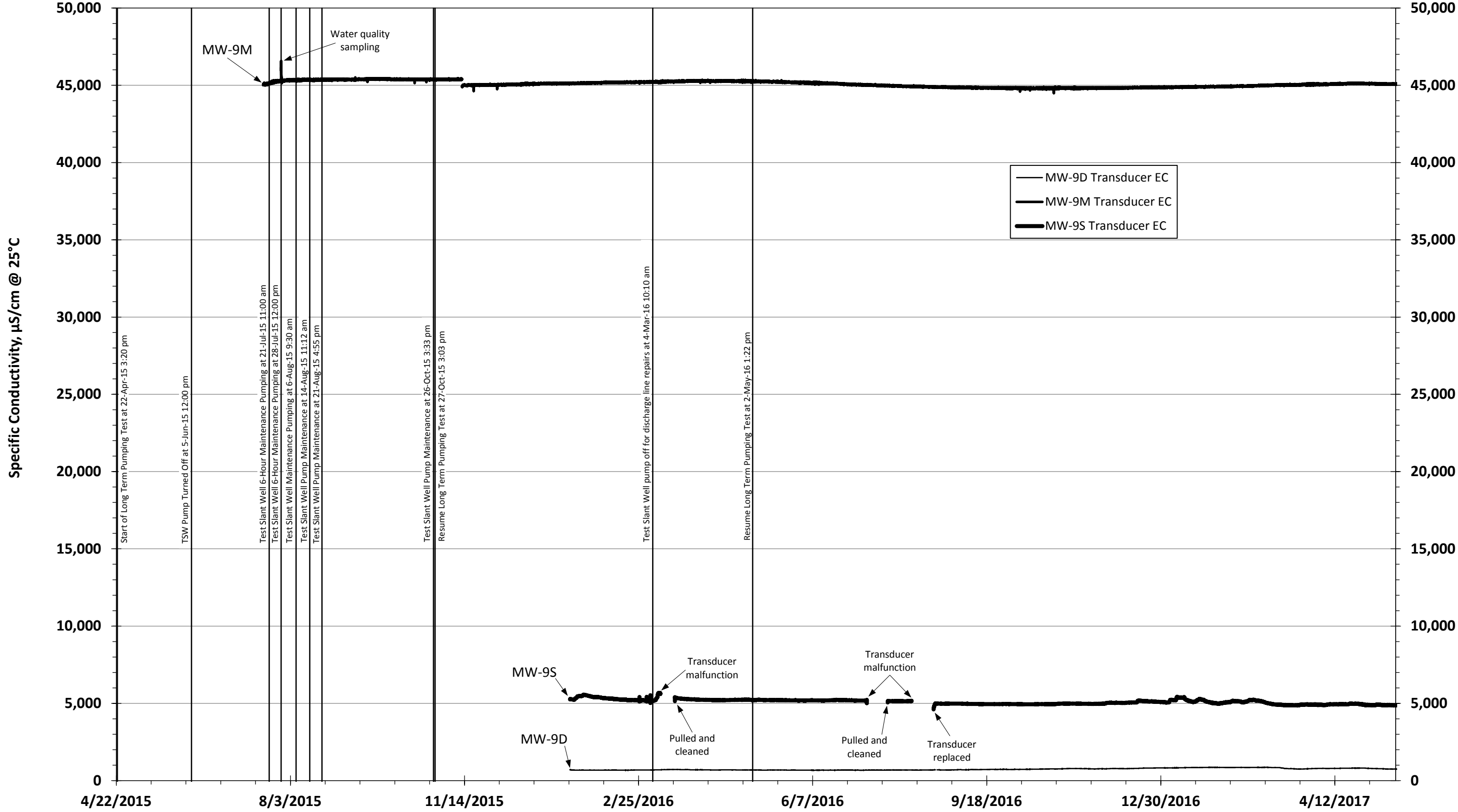


Figure 3-8

Specific Conductivity in Monterey Regional Water Pollution Control Agency Wells

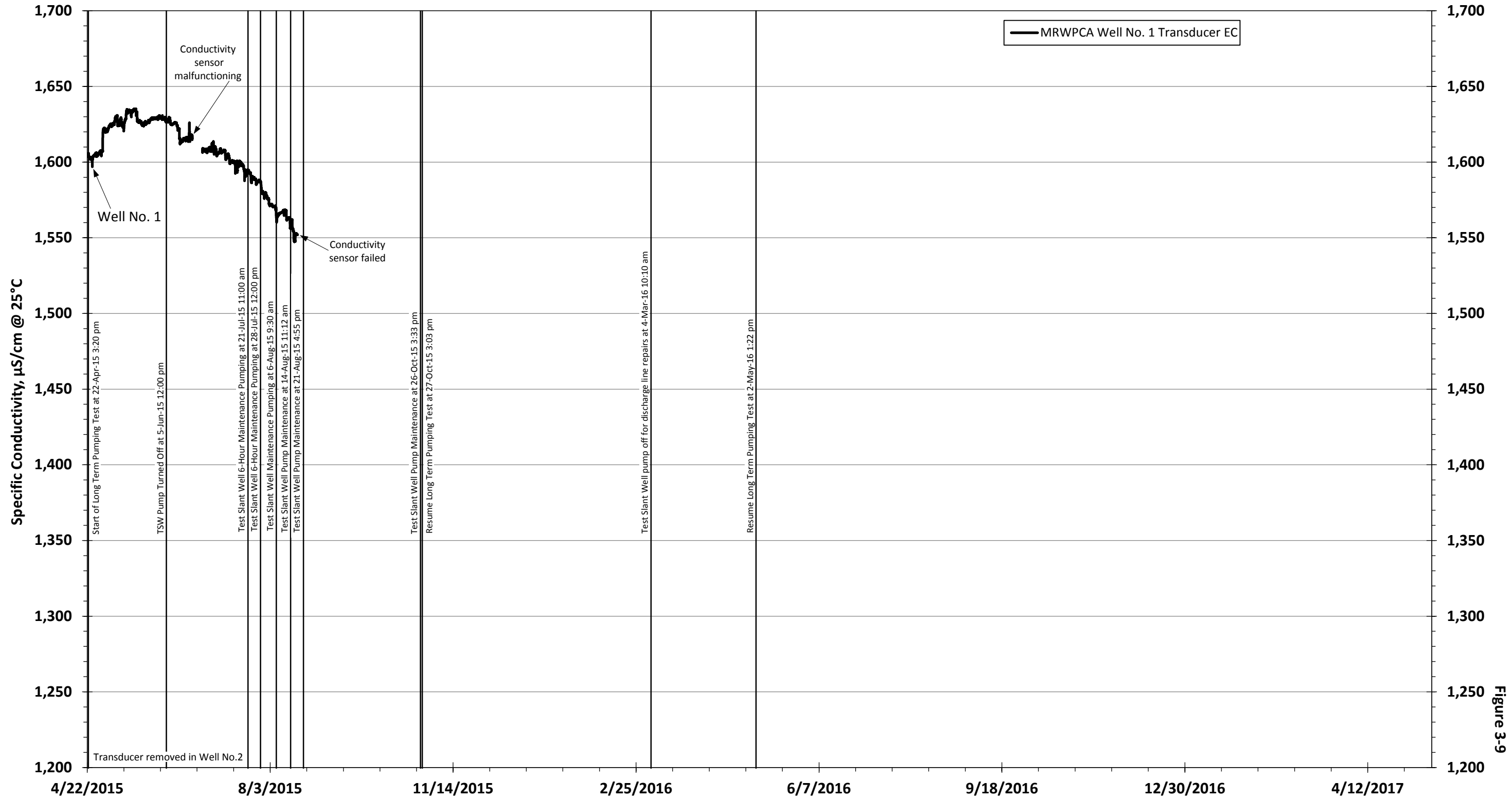


Figure 3-9

Specific Conductivity in CEMEX Dredge Pond

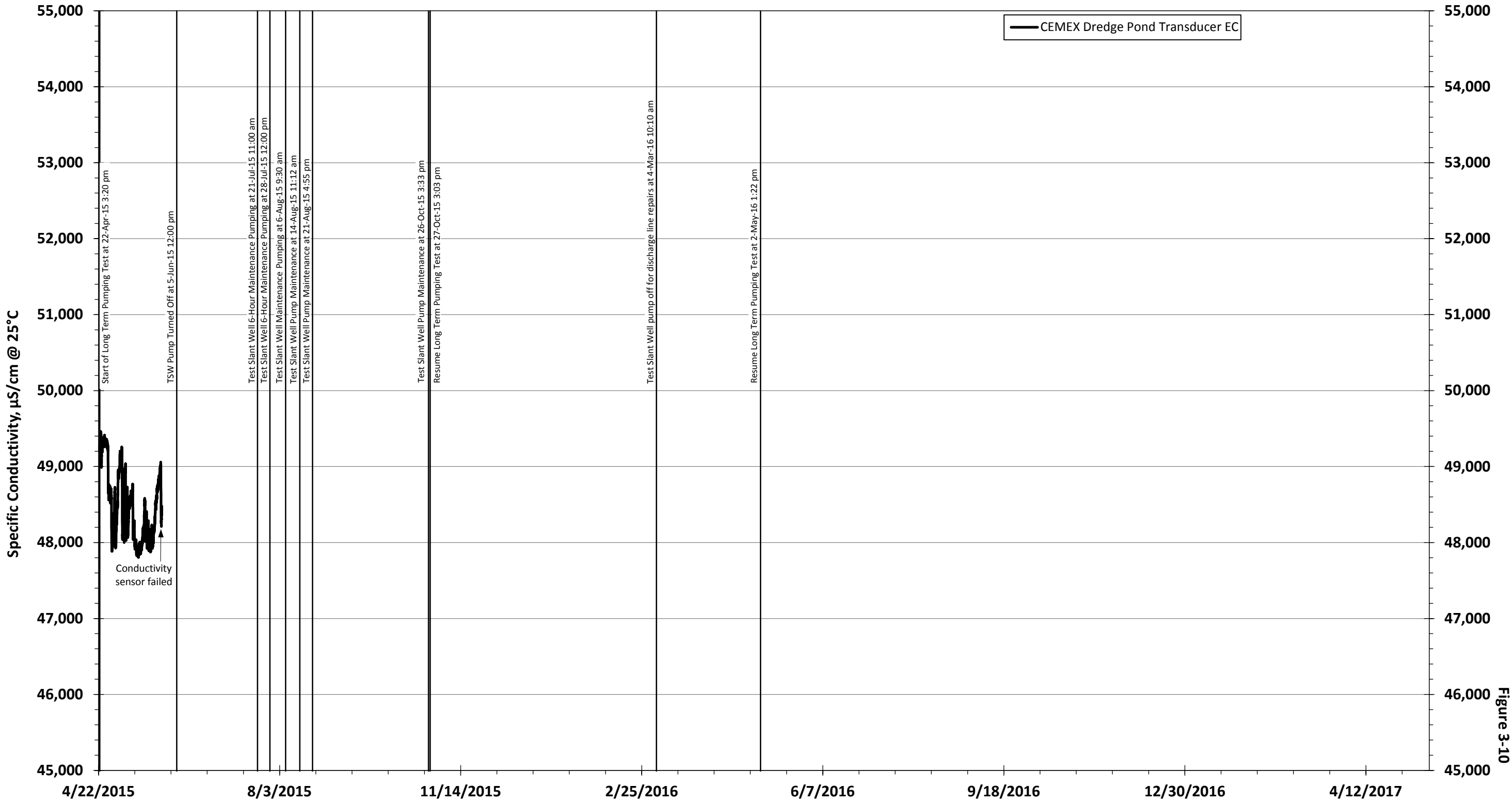


Figure 3-10

Specific Conductivity in CEMEX North Well

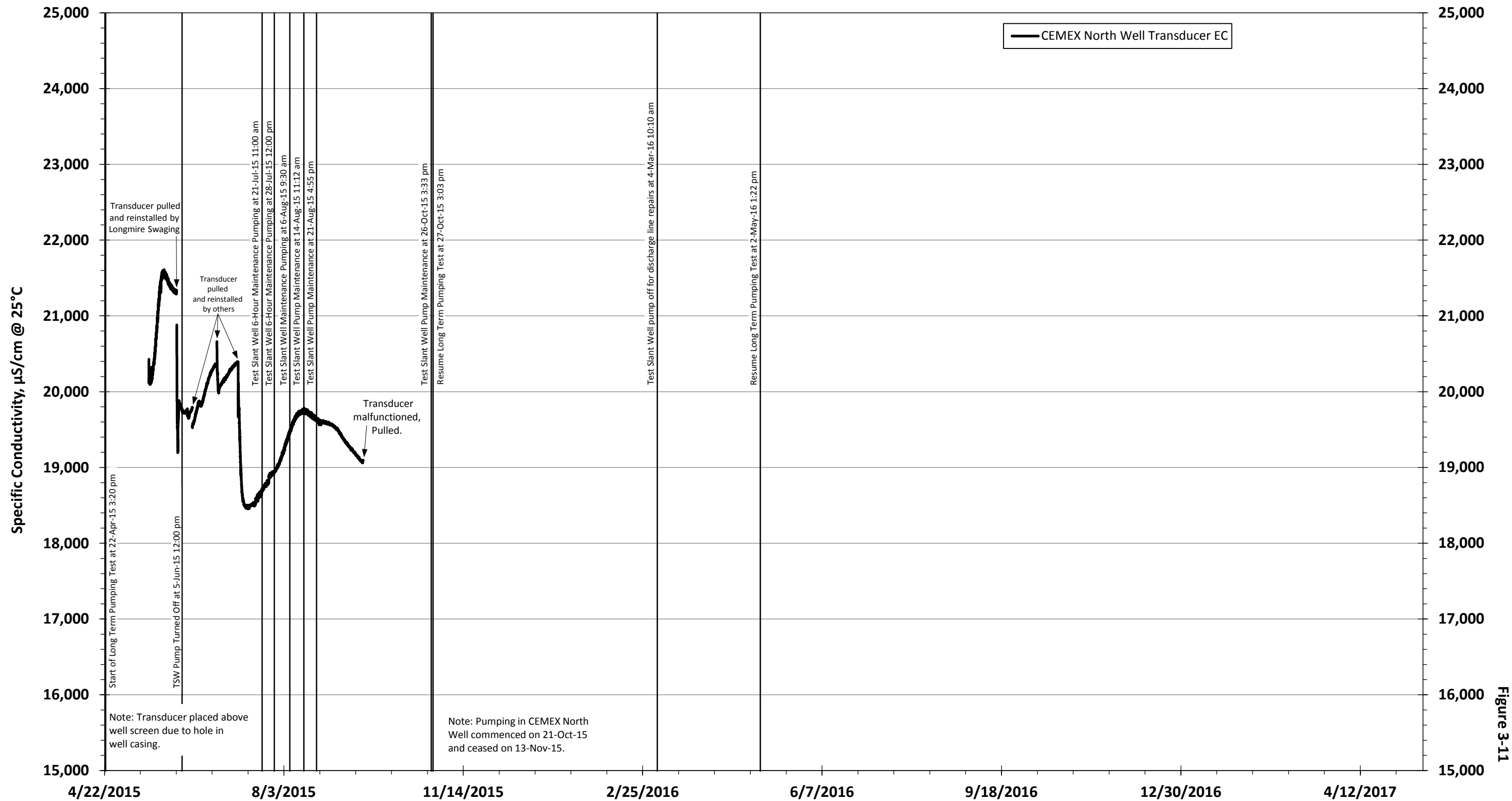
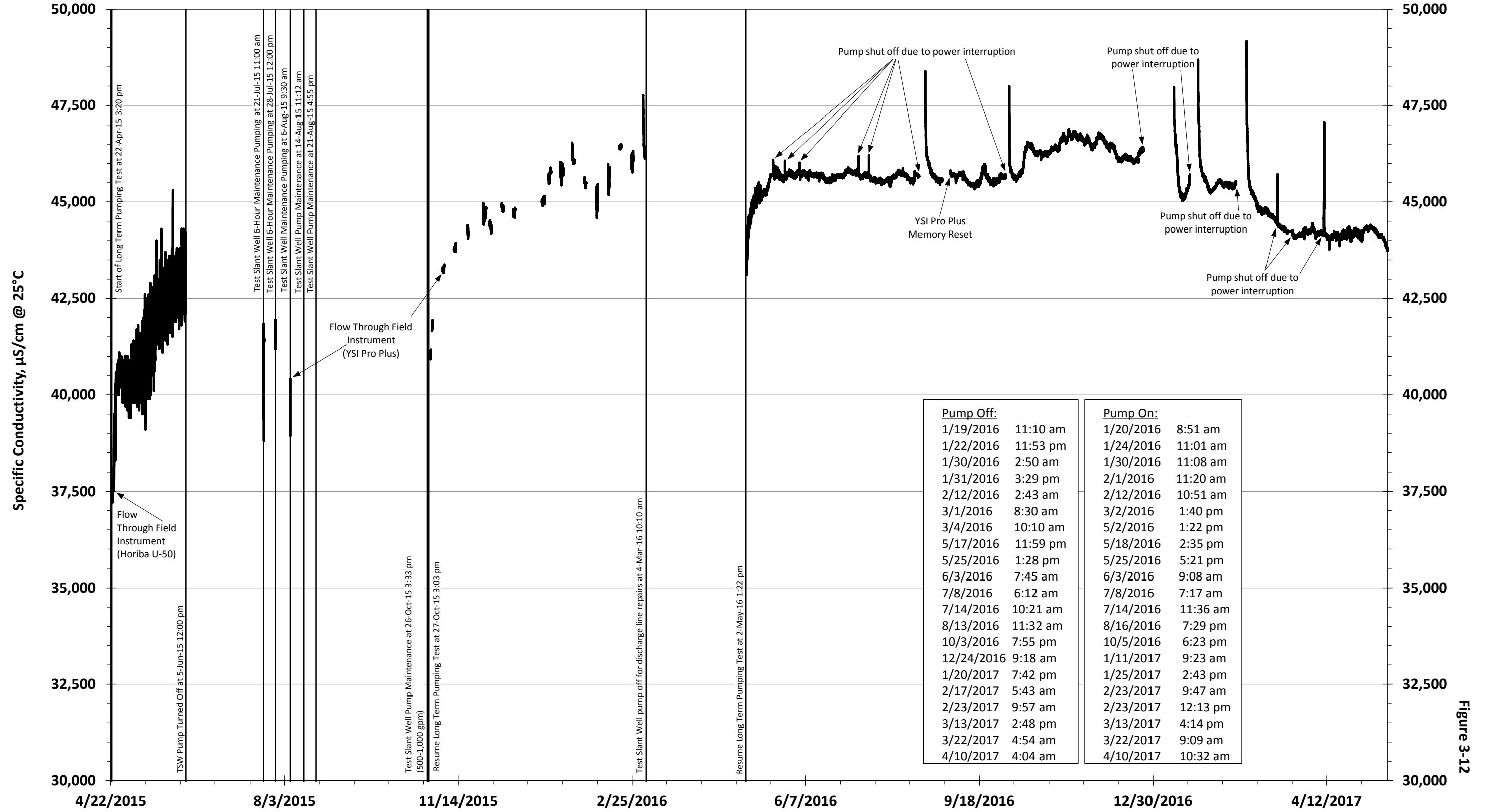


Figure 3-11

Specific Conductivity in MPWSP Test Slant Well



TABLES



Table 1: Well Information Table

State Plane Coordinates													
Well Name	Cluster	Reference Point (RP)	Northing	Easting	RP Elevation ft NAVD88	RP Height (ft above GS)	Distance of RP from Slant Well Head (ft)	Top of Screen Interval (ft below GS)	Bottom of Screen Interval (ft below GS)	Transducer Installed Depth (ft below RP)	Survey Date	Data Logging Start Date	Data Collected
MW-1S	MW-1	Top of ABS Transducer Mount	2,154,745.35	5,739,355.82	30.51 ¹	2.65 ¹	211	55	95	76	26-Mar-15	19-Feb-15	Level, Conductivity
MW-1M	MW-1	Top of ABS Transducer Mount	2,154,751.93	5,739,347.94	29.86	2.48	220	115	225	182	26-Mar-15	19-Feb-15	Level, Conductivity
MW-1D	MW-1	Top of ABS Transducer Mount	2,154,753.60	5,739,337.98	29.68 ¹	2.65 ¹	230	277	327	309	26-Mar-15	19-Feb-15	Level, Conductivity
MW-3S	MW-3	Top of ABS Transducer Mount	2,154,599.85	5,739,977.02	37.16	2.66	428	50	90	76	26-Mar-15	4-Mar-15	Level, Conductivity
MW-3M	MW-3	Top of ABS Transducer Mount	2,154,592.96	5,739,988.54	37.35	2.73	441	105	215	182	26-Mar-15	4-Mar-15	Level, Conductivity
MW-3D	MW-3	Top of ABS Transducer Mount	2,154,589.81	5,739,998.68	36.93	2.74	451	285	330	321	26-Mar-15	4-Mar-15	Level, Conductivity
MW-4S	MW-4	Top of ABS Transducer Mount	2,154,170.90	5,741,427.62	41.96	2.26	1,940	60	100	66	26-Mar-15	9-Mar-15	Level, Conductivity
MW-4M	MW-4	Top of ABS Transducer Mount	2,154,172.79	5,741,416.78	41.99	2.15	1,929	130	260	208	26-Mar-15	9-Mar-15	Level, Conductivity
MW-4D	MW-4	Top of ABS Transducer Mount	2,154,174.30	5,741,406.08	41.95	2.15	1,918	290	330	317	26-Mar-15	20-Feb-15	Level, Conductivity
MW-5S(P)	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	54	1-Oct-15	22-Apr-15	Level, Conductivity
MW-6M	MW-6	Top of ABS Transducer Mount	2,141,138.40	5,756,154.35	35.68	2.44 ¹	21,431	150	210	184	1-Oct-15	22-Apr-15	Level, Conductivity
MW-6M(L)	MW-6	Top of ABS Transducer Mount	2,141,133.06	5,756,144.94	35.82	2.42 ¹	21,427	255	325	315	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 ^d	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	¹ RP/elevation change on May 17, 2015 - New caps	MD: Measured Depth - lineal feet along the angle of the slant well
Vertical Datum:	NAVD88	² RP/elevation change on July 17, 2015 - New caps	GS: Ground Surface - approximate ground surface elevation based on Google Earth
* RP height above pond water level 5.22 ft NAVD88 (8-11 am 26-Mar-15)		³ RP/elevation change on September 24, 2015 - New caps	
** 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		⁴ Estimated - not surveyed.	

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

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

Notes:

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

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

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

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

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

Notes:

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

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

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

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

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

Notes:

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

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

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

Sample Collection Date:			23-Jun-16	30-Jun-16	7-Jul-16	15-Jul-16	21-Jul-16	28-Jul-16	4-Aug-16	10-Aug-16	18-Aug-16	25-Aug-16
Constituent	Method	Units	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
Alkalinity, Total (as CaCO3)	SM2320B	mg/L	113	114	113	114	113	114	115	114	113	116
Aluminum, Total	EPA 200.8	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Ammonia-N, Dissolved	SM4500NH3 D	mg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Arsenic, Total ¹	EPA 200.8	µg/L	-	-	-	-	-	-	-	-	-	-
Arsenic, Total	EPA 1640	µg/L	0.33	0.30	0.27	0.27	0.28	0.18	0.27	0.23	0.22	0.24
Barium, Dissolved	EPA 200.8	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bicarbonate (as HCO3-)	SM2320B	mg/L	138	139	138	139	138	139	140	139	138	142
Boron, Dissolved	EPA 200.7	mg/L	3.46	3.58	3.21	3.18	3.53	3.40	3.54	3.18	3.61	3.37
Bromide, Dissolved	EPA 300.0	mg/L	37.3	40.2	50.8	39.8	44.6	52.9	31.2	27.8	31.3	48.9
Calcium	EPA 200.7	mg/L	489	510	482	471	559	495	486	520	505	490
Calcium, Dissolved	EPA 200.7	mg/L	494	515	467	481	531	493	506	504	510	470
Carbamates by HPLC (EPA 531)	EPA 531	µg/L	-	-	-	-	-	-	-	-	-	-
Carbonate as CaCO3	SM2320B	mg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloride, Dissolved	EPA 300.0	mg/L	17,230	17,425	17,982	16,795	17,100	18,028	18,231	18,374	17,490	17,636
Chlorinated Pesticides and PCB (EPA 5	EPA 508	µg/L	-	-	-	-	-	-	-	-	-	-
Color, Apparent (Unfiltered)	SM2120B	Color Units	ND	ND	ND	ND	3	ND	ND	ND	ND	ND
Copper	EPA 200.7	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Copper, Total	EPA 200.8	µg/L	-	-	-	-	-	-	-	-	-	-
DBCP & EDB	EPA 504.1	µg/L	-	-	-	-	-	-	-	-	-	-
Dioxin	EPA 1613	pg/L	-	-	-	-	-	-	-	-	-	-
Diquat (EPA 549)	EPA 549	µg/L	-	-	-	-	-	-	-	-	-	-
Dissolved Anions	Calculation	Meq/L	536.91	541.24	558.08	524.21	532.46	563.12	564.83	568.56	545.43	546.73
Total Anions	Calculation	Meq/L	536.91	541.24	558.08	524.21	532.46	563.12	564.83	568.56	545.43	546.73
Dissolved Cations	Calculation	Meq/L	505.36	544.69	514.15	518.34	556.30	517.87	529.65	512.33	531.64	494.71
Total Cations	Calculation	Meq/L	495.32	523.17	511.63	499.31	583.22	514.08	509.12	523.03	528.35	527.38
Fluoride, Dissolved	EPA 300.0	mg/L	ND	1.2	ND	1	1.1	0.5	1.2	1.1	1.3	ND
Hardness (as CaCO3)	SM2340B/Calc	mg/L	5,907	6,009	5,799	5,611	6,531	5,918	5,785	6,038	6,310	5,671
Hydroxide	SM2320B	mg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Iodide	EPA 9056M	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Iron	EPA 200.7	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Iron, Dissolved	EPA 200.7	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Kjehldahl Nitrogen, Dissolved	SM4500-NH3 B,C,E	mg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Lithium	EPA 200.8	µg/L	145	162	128	142	150	135	145	142	152	162
Magnesium	EPA 200.7	mg/L	1,140	1,150	1,120	1,080	1,250	1,140	1,110	1,150	1,230	1,080
Magnesium, Dissolved	EPA 200.7	mg/L	1,150	1,160	1,100	1,090	1,200	1,140	1,160	1,150	1,200	1,010
Manganese, Dissolved	EPA 200.7	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Manganese, Total	EPA 200.7	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MBAS (Surfactants)	SM5540C	mg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Nitrate as NO3	EPA 300.0	mg/L	3	3	3	3	3	4	3	3	3	2
Nitrate+Nitrite as N	EPA 300.0	mg/L	0.7	0.7	0.7	0.7	0.7	0.8	0.6	0.6	0.6	0.4
Nitrite as NO2-N, Dissolved	EPA 300.0	mg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Odor Threshold at 60 C	SM2150B	TON	1	1	1	1	1	1	1	1	1	1
o-Phosphate-P	Hach 8048	mg/L	0.11	0.11	0.10	0.11	0.10	0.10	0.10	0.11	0.11	0.10
pH (Field Test)	SM4500-H+B	pH	7.17	7.11	7.14	7.65	7.10	7.10	7.15	7.15	7.08	7.05
pH (Laboratory)	SM4500-H+B	pH (H)	7.3	7.2	7.3	7.2	7.2	7.3	7.2	7.2	7.2	7.3
Phenoxy Acid Herbicides (515.3)	EPA 515.3	µg/L	-	-	-	-	-	-	-	-	-	-
Phosphorus, Dissolved Total	HACH 8190	mg/L	0.10	0.09	0.09	0.09	0.05	0.14	0.09	0.11	0.10	0.10
Potassium	EPA 200.7	mg/L	262	276	262	279	317	273	285	285	306	285
Potassium, Dissolved	EPA 200.7	mg/L	264	282.9	260.2	276	305	277.1	291	279	300	277
QC Ratio TDS/SEC	Calculation	-	0.69	0.65	0.68	0.66	0.68	0.69	0.69	0.68	0.67	0.67
Reg. Org. Compounds (EPA 525)	EPA 525	µg/L	-	-	-	-	-	-	-	-	-	-
Salinity	SM2520B	psu	29.3	29.4	29.7	29.3	29.1	29.1	28.6	29.4	29.8	29.2
Silica as SiO2, Dissolved	EPA 200.7	mg/L	10	16	14	12	14	9.0	12	14	12	11
Sodium	EPA 200.7	mg/L	8,515	9,104	8,936	8,731	10,215	8,933	8,879	9,084	9,060	9,351
Sodium, Dissolved	EPA 200.7	mg/L	8,720	9,570	9,050	9,140	9,730	9,020	9,230	8,860	9,190	8,760
Specific Conductance (E.C)	SM2510B	µmhos/cm	45,330	45,380	45,800	45,240	45,000	45,070	44,370	45,360	46,050	45,200
Specific Conductance (E.C) (Field)	SM2510B	µmhos/cm	45,663	45,769	45,763	45,620	45,544	45,613	45,770	45,632	46,081	45,509
Strontium, Dissolved	EPA 200.8	µg/L	7,438	7,460	7,791	7,147	7,366	7,164	7,552	7,884	7,620	7,785
Sulfate, Dissolved	EPA 300.0	mg/L	2,309	2,250	2,299	2,286	2,267	2,476	2,296	2,282	2,370	2,221
Temperature (Field)	SM2550	° C	15.9	15.8	15.9	15.9	16.2	16.1	15.9	16.0	15.9	15.9
Total Diss. Solids	SM2540C	mg/L	31,300	29,700	31,000	29,800	30,700	30,900	30,800	30,800	30,800	30,200
Turbidity	EPA 180.1	NTU	0.15	0.30	0.20	.10	0.30	0.25	0.40	0.10	0.30	0.05
Turbidity (Field)	EPA 180.1	NTU	0.34	0.26	0.21	0.16	0.17	0.33	0.27	0.14	0.12	0.24
Volatile Org. Compounds (524)	EPA 524	µg/L	-	-	-	-	-	-	-	-	-	-
Zinc	EPA 200.7	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Zinc, Total	EPA 200.8	µg/L	-	-	-	-	-	-	-	-	-	-
PCBs, Total	EPA 508	µg/L	-	-	-	-	-	-	-	-	-	-
Total PCB	EPA 1668C	pg/L	-	-	-	-	-	-	-	-	-	-

Notes:

°C = Degrees Celsius
CU = Color Units
Meq/L = Milliequivalents per Liter
mg/L = Milligrams per Liter
NTU = Nephelometric Turbidity Units
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only.

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

Sample Collection Date:			1-Sep-16	8-Sep-16	15-Sep-16	22-Sep-16	30-Sep-16	7-Oct-16	13-Oct-16	20-Oct-16	27-Oct-16	3-Nov-16
Constituent	Method	Units	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
Alkalinity, Total (as CaCO3)	SM2320B	mg/L	116	117	116	115	117	115	113	118	116	114
Aluminum, Total	EPA 200.8	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Ammonia-N, Dissolved	SM4500NH3 D	mg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Arsenic, Total ¹	EPA 200.8	µg/L	-	-	-	-	-	-	-	-	-	-
Arsenic, Total	EPA 1640	µg/L	0.27	0.23	0.22	0.22	0.22	0.21	0.25	0.27	0.23	0.46
Barium, Dissolved	EPA 200.8	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bicarbonate (as HCO3-)	SM2320B	mg/L	142	143	142	140	143	140	138	144	142	139
Boron, Dissolved	EPA 200.7	mg/L	3.20	3.23	3.20	3.17	3.41	3.36	3.40	3.34	3.33	3.19
Bromide, Dissolved	EPA 300.0	mg/L	56.4	51.8	47.2	54.0	50	50.0	50.4	50.9	51.2	50.6
Calcium	EPA 200.7	mg/L	461	461	460	494	492	508	510	471	493	488
Calcium, Dissolved	EPA 200.7	mg/L	467	457	454	488	495	458	473	472	492	488
Carbamates by HPLC (EPA 531)	EPA 531	µg/L	-	-	-	-	-	-	-	-	-	-
Carbonate as CaCO3	SM2320B	mg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloride, Dissolved	EPA 300.0	mg/L	16,683	16,820	15,643	16,179	16,705	16,568	16,897	17,065	17,350	16,949
Chlorinated Pesticides and PCB (EPA 5	EPA 508	µg/L	-	-	-	-	-	-	-	-	-	-
Color, Apparent (Unfiltered)	SM2120B	Color Units	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Copper	EPA 200.7	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Copper, Total	EPA 200.8	µg/L	-	-	-	-	-	-	-	-	-	-
DBCP & EDB	EPA 504.1	µg/L	-	-	-	-	-	-	-	-	-	-
Dioxin	EPA 1613	pg/L	-	-	-	-	-	-	-	-	-	-
Diquat (EPA 549)	EPA 549	µg/L	-	-	-	-	-	-	-	-	-	-
Dissolved Anions	Calculation	Meq/L	521.27	526.22	493.31	508.70	523.28	519.14	532.46	535.53	543.47	532.28
Total Anions	Calculation	Meq/L	521.27	526.22	493.31	508.70	523.28	519.14	532.46	535.53	543.47	532.28
Dissolved Cations	Calculation	Meq/L	501.83	487.61	466.60	537.27	528.58	521.64	545.47	503.68	542.16	496.51
Total Cations	Calculation	Meq/L	512.46	489.96	483.65	530.53	543.94	537.38	544.72	516.26	549.54	534.35
Fluoride, Dissolved	EPA 300.0	mg/L	0.8	1.1	0.9	1.0	0.9	1.1	0.9	1.0	0.9	0.8
Hardness (as CaCO3)	SM2340B/Calc	mg/L	5,286	5,619	5,534	5,924	5,874	5,918	5,964	5,764	5,781	5,728
Hydroxide	SM2320B	mg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Iodide	EPA 9056M	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Iron	EPA 200.7	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Iron, Dissolved	EPA 200.7	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Kjehldahl Nitrogen, Dissolved	SM4500-NH3 B,C,E	mg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Lithium	EPA 200.8	µg/L	166	156	153	132	138	124	141	149	140	141
Magnesium	EPA 200.7	mg/L	1,000	1,080	1,060	1,140	1,130	1,130	1,140	1,110	1,100	1,100
Magnesium, Dissolved	EPA 200.7	mg/L	968	1,060	1,040	1,060	1,130	1,090	1,120	1,110	1,090	1,100
Manganese, Dissolved	EPA 200.7	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Manganese, Total	EPA 200.7	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MBAS (Surfactants)	SM5540C	mg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Nitrate as NO3	EPA 300.0	mg/L	3	5	4	4	5	4	4	4	4	4
Nitrate+Nitrite as N	EPA 300.0	mg/L	0.6	1.1	1.1	1.0	1.1	1.0	1.2	1.1	1.3	1.1
Nitrite as NO2-N, Dissolved	EPA 300.0	mg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Odor Threshold at 60 C	SM2150B	TON	1	1	1	1	1	1	1	1	1	1
o-Phosphate-P	Hach 8048	mg/L	0.11	0.10	0.10	0.10	0.10	0.09	0.08	0.09	0.09	0.09
pH (Field Test)	SM4500-H+B	pH	7.06	7.06	7.08	7.09	7.09	7.10	7.02	7.02	7.03	7.04
pH (Laboratory)	SM4500-H+B	pH (H)	7.2	7.2	7.1	7.2	7.0	7.2	7.2	7.2	7.2	7.2
Phenoxy Acid Herbicides (515.3)	EPA 515.3	µg/L	-	-	-	-	-	-	-	-	-	-
Phosphorus, Dissolved Total	HACH 8190	mg/L	0.10	0.07	0.11	0.08	0.07	0.10	0.06	0.09	0.11	0.11
Potassium	EPA 200.7	mg/L	269	273	273	271	283	286	285	328	304	308
Potassium, Dissolved	EPA 200.7	mg/L	271.0	272	269	278	282	276	286	321	301	292
QC Ratio TDS/SEC	Calculation	-	0.69	0.66	0.67	0.66	0.68	0.69	0.67	0.66	0.66	0.69
Reg. Org. Compounds (EPA 525)	EPA 525	µg/L	-	-	-	-	-	-	-	-	-	-
Salinity	SM2520B	psu	29.4	29.3	29.3	29.6	29.4	29.4	29.5	29.8	29.7	29.8
Silica as SiO2, Dissolved	EPA 200.7	mg/L	12	12	13	12	13	11	14	12	15	15
Sodium	EPA 200.7	mg/L	9,202	8,531	8,425	9,567	9,636	9,467	9,613	9,035	9,808	9,462
Sodium, Dissolved	EPA 200.7	mg/L	9,010	8,520	8,080	9,680	9,280	9,240	9,710	8,750	9,660	8,590
Specific Conductance (E.C)	SM2510B	µmhos/cm	45,450	45,260	45,250	45,680	45,380	45,420	45,610	46,000	45,800	45,980
Specific Conductance (E.C) (Field)	SM2510B	µmhos/cm	45,669	45,720	45,362	45,682	45,648	45,682	45,775	46,308	46,223	46,352
Strontium, Dissolved	EPA 200.8	µg/L	7,458	7,875	7,415	7,158	7,293	7,430	7,259	7,542	7,275	7,302
Sulfate, Dissolved	EPA 300.0	mg/L	2,285	2,337	2,355	2,365	2,353	2,342	2,537	2,452	2,448	2,457
Temperature (Field)	SM2550	° C	16.1	16.2	16.1	16.1	16.1	16.4	16.3	16.2	16.3	16.3
Total Diss. Solids	SM2540C	mg/L	31,200	30,000	30,200	30,300	30,800	31,400	30,500	30,500	30,400	31,700
Turbidity	EPA 180.1	NTU	0.25	0.15	0.25	0.20	0.15	0.10	0.20	0.10	0.20	0.10
Turbidity (Field)	EPA 180.1	NTU	0.34	0.21	0.11	0.13	0.09	0.25	0.27	0.08	0.10	0.29
Volatile Org. Compounds (524)	EPA 524	µg/L	-	-	-	-	-	-	-	-	-	-
Zinc	EPA 200.7	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Zinc, Total	EPA 200.8	µg/L	-	-	-	-	-	-	-	-	-	-
PCBs, Total	EPA 508	µg/L	-	-	-	-	-	-	-	-	-	-
Total PCB	EPA 1668C	pg/L	-	-	-	-	-	-	-	-	-	-

Notes:

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

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

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

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

Sample Collection Date:			10-Nov-16	17-Nov-16	23-Nov-16	1-Dec-16	8-Dec-16	15-Dec-16	21-Dec-16	12-Jan-17	19-Jan-17	26-Jan-17
Constituent	Method	Units	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
Alkalinity, Total (as CaCO3)	SM2320B	mg/L	113	115	114	112	106	111	112	107	112	117
Aluminum, Total	EPA 200.8	µg/L	ND	ND	ND	ND	ND	ND	55	160	ND	ND
Ammonia-N, Dissolved	SM4500NH3 D	mg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Arsenic, Total ¹	EPA 200.8	µg/L	-	-	-	-	-	-	-	-	-	-
Arsenic, Total	EPA 1640	µg/L	0.25	0.27	0.27	0.26	0.21	0.22	0.26	0.20	0.21	0.28
Barium, Dissolved	EPA 200.8	µg/L	ND	ND	ND	ND	69	ND	65	66	ND	ND
Bicarbonate (as HCO3-)	SM2320B	mg/L	138	140	139	137	129	135	137	131	137	143
Boron, Dissolved	EPA 200.7	mg/L	3.73	3.84	3.29	3.42	3.09	3.10	3.73	3.2	3.30	3.42
Bromide, Dissolved	EPA 300.0	mg/L	53.0	50	52	54	51	54	57	56.7	55.8	58.6
Calcium	EPA 200.7	mg/L	493	517	462	532	540	549	542	407	481	467
Calcium, Dissolved	EPA 200.7	mg/L	503	531	453	536	539	529	543	401	485	466
Carbamates by HPLC (EPA 531)	EPA 531	µg/L	-	-	-	-	-	-	-	-	-	-
Carbonate as CaCO3	SM2320B	mg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloride, Dissolved	EPA 300.0	mg/L	17,651	17,082	17,145	17,215	17,283	18,271	16,460	16,984	16,509	17,164
Chlorinated Pesticides and PCB (EPA 5	EPA 508	µg/L	-	-	-	-	-	-	-	-	-	-
Color, Apparent (Unfiltered)	SM2120B	Color Units	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Copper	EPA 200.7	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Copper, Total	EPA 200.8	µg/L	-	-	-	-	-	-	-	-	-	-
DBCP & EDB	EPA 504.1	µg/L	-	-	-	-	-	-	-	-	-	-
Dioxin	EPA 1613	pg/L	-	-	-	-	-	-	-	-	-	-
Diquat (EPA 549)	EPA 549	µg/L	-	-	-	-	-	-	-	-	-	-
Dissolved Anions	Calculation	Meq/L	540.88	527.60	533.74	528.40	541.73	569.71	518.18	532.63	523.58	537.43
Total Anions	Calculation	Meq/L	540.88	527.60	533.74	528.40	541.73	569.71	518.18	532.63	523.58	537.43
Dissolved Cations	Calculation	Meq/L	545.78	565.18	540.61	582.47	562.53	557.54	555.00	506.56	514.77	517.04
Total Cations	Calculation	Meq/L	536.10	570.96	527.00	558.83	559.45	569.62	580.06	509.59	505.75	518.85
Fluoride, Dissolved	EPA 300.0	mg/L	0.5	0.8	0.9	0.5	1.0	0.9	1.2	0.9	ND	1.0
Hardness (as CaCO3)	SM2340B/Calc	mg/L	6,185	6,401	5,601	6,344	6,451	6,452	6,542	5,678	5,961	6,050
Hydroxide	SM2320B	mg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Iodide	EPA 9056M	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Iron	EPA 200.7	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Iron, Dissolved	EPA 200.7	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Kjehldahl Nitrogen, Dissolved	SM4500-NH3 B,C,E	mg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Lithium	EPA 200.8	µg/L	146	162	139	141	146	148	ND	ND	161	165
Magnesium	EPA 200.7	mg/L	1,200	1,240	1,080	1,220	1,240	1,230	1,260	1,130	1,160	1,190
Magnesium, Dissolved	EPA 200.7	mg/L	1,220	1,250	1,070	1,260	1,240	1,210	1,240	1,140	1,150	1,170
Manganese, Dissolved	EPA 200.7	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Manganese, Total	EPA 200.7	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MBAS (Surfactants)	SM5540C	mg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Nitrate as NO3	EPA 300.0	mg/L	ND	4	4	4	5	4	4	3	2	2
Nitrate+Nitrite as N	EPA 300.0	mg/L	0.7	1.0	0.8	0.8	1.1	1.0	0.9	0.6	0.6	0.4
Nitrite as NO2-N, Dissolved	EPA 300.0	mg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Odor Threshold at 60 C	SM2150B	TON	1	1	1	1	1	1	1	1	1	1
o-Phosphate-P	Hach 8048	mg/L	0.09	0.10	0.09	0.09	0.09	0.10	0.09	0.09	0.09	0.09
pH (Field Test)	SM4500-H+B	pH	7.05	7.05	7.05	7.07	7.07	7.07	7.07	7.37	6.94	7.23
pH (Laboratory)	SM4500-H+B	pH (H)	7.2	7.2	7.2	7.2	7.3	7.1	7.2	7.3	7.2	7.3
Phenoxy Acid Herbicides (515.3)	EPA 515.3	µg/L	-	-	-	-	-	-	-	-	-	-
Phosphorus, Dissolved Total	HACH 8190	mg/L	0.09	0.09	0.09	0.09	0.09	0.08	0.08	0.09	0.08	0.09
Potassium	EPA 200.7	mg/L	314	331	284	317	316	313	322	334	286	304
Potassium, Dissolved	EPA 200.7	mg/L	326	338	279	326	319	308	323	331	285	303
QC Ratio TDS/SEC	Calculation	-	0.67	0.67	0.69	0.68	0.68	0.66	0.66	0.66	0.70	0.67
Reg. Org. Compounds (EPA 525)	EPA 525	µg/L	-	-	-	-	-	-	-	-	-	-
Salinity	SM2520B	psu	30.0	30.1	30.0	30.2	30.0	29.7	29.7	29.9	29.3	29.6
Silica as SiO2, Dissolved	EPA 200.7	mg/L	16	17	12	20	11	ND	13	ND	11	9.0
Sodium	EPA 200.7	mg/L	9,304	9,992	9,375	9,742	9,710	9,954	10,140	8,910	8,712	8,962
Sodium, Dissolved	EPA 200.7	mg/L	9,470	9,820	9,720	10,200	9,780	9,740	9,600	8,830	8,770	8,960
Specific Conductance (E.C)	SM2510B	µmhos/cm	46,230	46,370	46,270	46,540	46,330	45,810	45,840	46,060	45,310	45,700
Specific Conductance (E.C) (Field)	SM2510B	µmhos/cm	46,803	46,648	46,445	46,511	46,179	46,097	46,063	46,477	45,300	46,236
Strontium, Dissolved	EPA 200.8	µg/L	7,700	7,183	7,212	7,624	7,583	7,530	6,800	6,700	7,229	7,372
Sulfate, Dissolved	EPA 300.0	mg/L	1,920	2,052	2,262	1,911	2,466	2,465	2,441	2,431	2,363	2,408
Temperature (Field)	SM2550	° C	16.4	16.1	16.1	15.9	15.6	15.6	15.4	15.3	15.3	15.1
Total Diss. Solids	SM2540C	mg/L	30,900	31,000	31,800	31,500	31,600	30,400	30,200	30,500	31,700	30,800
Turbidity	EPA 180.1	NTU	0.25	0.10	0.20	0.35	0.15	0.10	0.40	0.45	0.15	0.20
Turbidity (Field)	EPA 180.1	NTU	1.06	0.18	0.24	0.41	0.17	0.12	0.14	0.25	0.29	0.16
Volatile Org. Compounds (524)	EPA 524	µg/L	-	-	-	-	-	-	-	-	-	-
Zinc	EPA 200.7	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Zinc, Total	EPA 200.8	µg/L	-	-	-	-	-	-	-	-	-	-
PCBs, Total	EPA 508	µg/L	-	-	-	-	-	-	-	-	-	-
Total PCB	EPA 1668C	pg/L	-	-	-	-	-	-	-	-	-	-

Notes:

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

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

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

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

Sample Collection Date:			2-Feb-17	9-Feb-17	15-Feb-17	24-Feb-17	1-Mar-17	8-Mar-17	15-Mar-17	23-Mar-17	29-Mar-17	5-Apr-17
Constituent	Method	Units	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
Alkalinity, Total (as CaCO3)	SM2320B	mg/L	114	117	113	110	113	112	110	109	107	108
Aluminum, Total	EPA 200.8	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Ammonia-N, Dissolved	SM4500NH3 D	mg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Arsenic, Total ¹	EPA 200.8	µg/L	-	-	-	-	-	-	-	-	-	-
Arsenic, Total	EPA 1640	µg/L	0.26	0.20	0.24	0.30	0.30	0.29	0.26	0.28	0.29	0.30
Barium, Dissolved	EPA 200.8	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	68	ND
Bicarbonate (as HCO3-)	SM2320B	mg/L	139	143	138	134	138	137	134	133	131	132
Boron, Dissolved	EPA 200.7	mg/L	3.36	3.37	3.31	3.51	3.56	3.25	3.27	3.11	3.44	3.21
Bromide, Dissolved	EPA 300.0	mg/L	55.4	55.2	55.6	56.1	55.7	55.1	53.7	52.3	54.1	52.2
Calcium	EPA 200.7	mg/L	486	497	467	492	464	459	478	405	398	415
Calcium, Dissolved	EPA 200.7	mg/L	487	484	466	481	473	477	464	420	420	406
Carbamates by HPLC (EPA 531)	EPA 531	µg/L	-	-	-	-	-	-	-	-	-	-
Carbonate as CaCO3	SM2320B	mg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloride, Dissolved	EPA 300.0	mg/L	16,638	16,746	16,794	17,028	16,860	16,522	16,264	16,086	16,048	16,370
Chlorinated Pesticides and PCB (EPA 5	EPA 508	µg/L	-	-	-	-	-	-	-	-	-	-
Color, Apparent (Unfiltered)	SM2120B	Color Units	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Copper	EPA 200.7	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Copper, Total	EPA 200.8	µg/L	-	-	-	-	-	-	-	-	-	-
DBCP & EDB	EPA 504.1	µg/L	-	-	-	-	-	-	-	-	-	-
Dioxin	EPA 1613	pg/L	-	-	-	-	-	-	-	-	-	-
Diquat (EPA 549)	EPA 549	µg/L	-	-	-	-	-	-	-	-	-	-
Dissolved Anions	Calculation	Meq/L	521.35	524.61	526.53	532.85	525.63	516.22	508.39	502.66	503.45	512.21
Total Anions	Calculation	Meq/L	521.35	524.61	526.53	532.85	525.63	516.22	508.39	502.66	503.45	512.21
Dissolved Cations	Calculation	Meq/L	516.21	512.58	496.59	497.38	492.63	488.89	494.69	495.32	500.18	483.86
Total Cations	Calculation	Meq/L	530.41	541.45	489.87	501.11	490.19	489.96	488.39	485.02	462.87	492.88
Fluoride, Dissolved	EPA 300.0	mg/L	0.7	0.9	0.9	0.8	0.8	0.9	0.8	0.9	ND	0.7
Hardness (as CaCO3)	SM2340B/Calc	mg/L	6,258	6,273	5,609	5,927	5,903	5,692	5,843	5,327	5,515	5,714
Hydroxide	SM2320B	mg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Iodide	EPA 9056M	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Iron	EPA 200.7	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Iron, Dissolved	EPA 200.7	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Kjehldahl Nitrogen, Dissolved	SM4500-NH3 B,C,E	mg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Lithium	EPA 200.8	µg/L	188	97	155	146	144	151	155	224	182	186
Magnesium	EPA 200.7	mg/L	1,220	1,220	1,080	1,140	1,150	1,100	1,130	1,050	1,100	1,140
Magnesium, Dissolved	EPA 200.7	mg/L	1,210	1,190	1,090	1,130	1,180	1,120	1,130	1,090	1,150	1,120
Manganese, Dissolved	EPA 200.7	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Manganese, Total	EPA 200.7	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MBAS (Surfactants)	SM5540C	mg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Nitrate as NO3	EPA 300.0	mg/L	3	3	2	3	5	4	5	5	3	3
Nitrate+Nitrite as N	EPA 300.0	mg/L	0.7	0.8	0.8	0.8	1.1	1.0	1.0	1.0	0.7	0.7
Nitrite as NO2-N, Dissolved	EPA 300.0	mg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Odor Threshold at 60 C	SM2150B	TON	1	1	1	1	1	1	1	1	1	1
o-Phosphate-P	Hach 8048	mg/L	0.09	0.08	0.08	0.10	0.10	0.10	0.09	0.09	0.11	0.08
pH (Field Test)	SM4500-H+B	pH	7.07	7.01	7.00	7.13	7.09	7.08	7.00	7.22	7.22	7.07
pH (Laboratory)	SM4500-H+B	pH (H)	7.2	7.3	7.2	7.3	7.2	7.2	7.2	7.3	7.3	7.2
Phenoxy Acid Herbicides (515.3)	EPA 515.3	µg/L	-	-	-	-	-	-	-	-	-	-
Phosphorus, Dissolved Total	HACH 8190	mg/L	0.09	0.09	0.10	0.08	0.08	0.08	0.08	0.08	0.09	0.09
Potassium	EPA 200.7	mg/L	306	301	285	299	284	272	278	272	276	289
Potassium, Dissolved	EPA 200.7	mg/L	305	301	288	297	289	277	276	277	291	287
QC Ratio TDS/SEC	Calculation	-	0.66	0.65	0.66	0.69	0.65	0.67	0.65	0.67	0.69	0.66
Reg. Org. Compounds (EPA 525)	EPA 525	µg/L	-	-	-	-	-	-	-	-	-	-
Salinity	SM2520B	psu	29.3	29.7	29.4	29.3	29.0	28.8	28.9	28.4	28.5	28.5
Silica as SiO2, Dissolved	EPA 200.7	mg/L	12	13	14	13	13	10	ND	12	13	12
Sodium	EPA 200.7	mg/L	9,148	9,392	8,515	8,623	8,394	8,496	8,378	8,539	7,941	8,528
Sodium, Dissolved	EPA 200.7	mg/L	8,840	8,800	8,650	8,570	8,380	8,410	8,540	8,680	8,670	8,370
Specific Conductance (E.C)	SM2510B	µmhos/cm	45,270	45,820	45,460	45,310	44,910	44,540	44,710	44,060	44,140	44,200
Specific Conductance (E.C) (Field)	SM2510B	µmhos/cm	45,256	45414	45,429	45,816	44,951	44,725	44,351	44,064	44,279	44,184
Strontium, Dissolved	EPA 200.8	µg/L	7,066	7,254	7,194	7,238	7,093	7,271	7,197	8,222	7,208	7,922
Sulfate, Dissolved	EPA 300.0	mg/L	2,352	2,359	2,390	2,379	2,256	2,264	2,240	2,208	2,298	2,284
Temperature (Field)	SM2550	° C	15.3	15.2	15.3	15.0	15	15.1	15.0	15.2	15.2	15.0
Total Diss. Solids	SM2540C	mg/L	29,900	29,800	30,000	31,100	29,100	29,700	29,100	29,400	30,600	29,000
Turbidity	EPA 180.1	NTU	0.30	0.25	0.15	0.10	0.20	0.25	0.25	0.50	0.35	0.15
Turbidity (Field)	EPA 180.1	NTU	0.41	0.08	0.15	0.17	0.10	0.37	0.14	0.17	0.44	0.09
Volatile Org. Compounds (524)	EPA 524	µg/L	-	-	-	-	-	-	-	-	-	-
Zinc	EPA 200.7	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Zinc, Total	EPA 200.8	µg/L	-	-	-	-	-	-	-	-	-	-
PCBs, Total	EPA 508	µg/L	-	-	-	-	-	-	-	-	-	-
Total PCB	EPA 1668C	pg/L	-	-	-	-	-	-	-	-	-	-

Notes:

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

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

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

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

Sample Collection Date:			13-Apr-17	19-Apr-17	26-Apr-17
Constituent	Method	Units	Result	Result	Result
Alkalinity, Total (as CaCO3)	SM2320B	mg/L	107	108	108
Aluminum, Total	EPA 200.8	µg/L	ND	116	106
Ammonia-N, Dissolved	SM4500NH3 D	mg/L	ND	ND	ND
Arsenic, Total ¹	EPA 200.8	µg/L	-	-	-
Arsenic, Total	EPA 1640	µg/L	0.29	0.29	0.30
Barium, Dissolved	EPA 200.8	µg/L	ND	ND	ND
Bicarbonate (as HCO3-)	SM2320B	mg/L	131	132	132
Boron, Dissolved	EPA 200.7	mg/L	2.87	3.06	2.86
Bromide, Dissolved	EPA 300.0	mg/L	51.9	55.3	54.5
Calcium	EPA 200.7	mg/L	442	460	439
Calcium, Dissolved	EPA 200.7	mg/L	450	418	429
Carbamates by HPLC (EPA 531)	EPA 531	µg/L	-	-	-
Carbonate as CaCO3	SM2320B	mg/L	ND	ND	ND
Chloride, Dissolved	EPA 300.0	mg/L	16,528	16,171	15,973
Chlorinated Pesticides and PCB (EPA 5	EPA 508	µg/L	-	-	-
Color, Apparent (Unfiltered)	SM2120B	Color Units	ND	ND	ND
Copper	EPA 200.7	µg/L	ND	ND	ND
Copper, Total	EPA 200.8	µg/L	-	-	-
DBCP & EDB	EPA 504.1	µg/L	-	-	-
Dioxin	EPA 1613	pg/L	-	-	-
Diquat (EPA 549)	EPA 549	µg/L	-	-	-
Dissolved Anions	Calculation	Meq/L	516.78	506.03	500.60
Total Anions	Calculation	Meq/L	516.78	506.03	500.60
Dissolved Cations	Calculation	Meq/L	496.81	518.02	487.93
Total Cations	Calculation	Meq/L	479.82	531.51	486.29
Fluoride, Dissolved	EPA 300.0	mg/L	ND	0.8	0.9
Hardness (as CaCO3)	SM2340B/Calc	mg/L	5,403	5,378	5,268
Hydroxide	SM2320B	mg/L	ND	ND	ND
Iodide	EPA 9056M	µg/L	ND	ND	ND
Iron	EPA 200.7	µg/L	ND	ND	ND
Iron, Dissolved	EPA 200.7	µg/L	ND	ND	ND
Kjehldahl Nitrogen, Dissolved	SM4500-NH3 B,C,E	mg/L	ND	ND	ND
Lithium	EPA 200.8	µg/L	184	177	187
Magnesium	EPA 200.7	mg/L	1,040	1,030	1,010
Magnesium, Dissolved	EPA 200.7	mg/L	1,080	1,150	921
Manganese, Dissolved	EPA 200.7	µg/L	ND	ND	ND
Manganese, Total	EPA 200.7	µg/L	ND	ND	ND
MBAS (Surfactants)	SM5540C	mg/L	ND	ND	ND
Nitrate as NO3	EPA 300.0	mg/L	3	7	7
Nitrate+Nitrite as N	EPA 300.0	mg/L	0.8	1.5	1.5
Nitrite as NO2-N, Dissolved	EPA 300.0	mg/L	ND	ND	ND
Odor Threshold at 60 C	SM2150B	TON	1	1	1
o-Phosphate-P	Hach 8048	mg/L	0.09	0.08	0.08
pH (Field Test)	SM4500-H+B	pH	7.08	7.08	7.08
pH (Laboratory)	SM4500-H+B	pH (H)	6.8	7.1	7.2
Phenoxy Acid Herbicides (515.3)	EPA 515.3	µg/L	-	-	-
Phosphorus, Dissolved Total	HACH 8190	mg/L	0.08	0.08	0.09
Potassium	EPA 200.7	mg/L	272	273	272
Potassium, Dissolved	EPA 200.7	mg/L	275	278	259
QC Ratio TDS/SEC	Calculation	-	0.65	0.67	0.67
Reg. Org. Compounds (EPA 525)	EPA 525	µg/L	-	-	-
Salinity	SM2520B	psu	28.4	28.4	28.4
Silica as SiO2, Dissolved	EPA 200.7	mg/L	ND	14	11
Sodium	EPA 200.7	mg/L	8,396	9,582	8,605
Sodium, Dissolved	EPA 200.7	mg/L	8,700	9,090	8,830
Specific Conductance (E.C)	SM2510B	µmhos/cm	44,010	44,100	44,020
Specific Conductance (E.C) (Field)	SM2510B	µmhos/cm	44,004	44,144	44,093
Strontium, Dissolved	EPA 200.8	µg/L	7,948	7,160	7,098
Sulfate, Dissolved	EPA 300.0	mg/L	2,290	2,252	2,260
Temperature (Field)	SM2550	° C	15.0	15.3	15.3
Total Diss. Solids	SM2540C	mg/L	28,800	29,600	29,400
Turbidity	EPA 180.1	NTU	0.20	0.20	0.25
Turbidity (Field)	EPA 180.1	NTU	0.12	0.15	0.22
Volatile Org. Compounds (524)	EPA 524	µg/L	-	-	-
Zinc	EPA 200.7	µg/L	ND	ND	ND
Zinc, Total	EPA 200.8	µg/L	-	-	-
PCBs, Total	EPA 508	µg/L	-	-	-
Total PCB	EPA 1668C	pg/L	-	-	-

Notes:

°C = Degrees Celsius
CU = Color Units
Meq/L = Milliequivalents per Liter
mg/L = Milligrams per Liter
NTU = Nephelometric Turbidity Units
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values are in laboratory reports through February 11, 2016.
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only.

APPENDICES



APPENDIX A-1

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

8-Dec-14



CALIFORNIA COASTAL COMMISSION

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

**COASTAL DEVELOPMENT PERMIT**

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

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

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

CHARLES LESTER
Executive Director

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

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

Permit A-3-MRA-14-0050

December 8, 2014

Page 2 of 12

Acknowledgment:

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

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

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

12/8/14
Date


Signature of Permittee or Representative

STANDARD CONDITIONS

This permit is subject to the following standard conditions:

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

SPECIAL CONDITIONS

This permit is subject to the following special conditions:

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

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

2. **Liability for Costs and Attorneys Fees.** The Permittee shall reimburse the Coastal Commission in full for all Coastal Commission costs and attorneys fees – including (a) those charged by the Office of the Attorney General; and (b) any court costs and attorneys fees that the Coastal Commission may be required by a court to pay – that the Coastal Commission incurs in connection with the defense of any action brought by a party other than the Permittee against the Coastal Commission, its officers, employees, agents, successors, and assigns challenging the approval or issuance of this permit, the interpretation and/or enforcement of permit conditions, or any other matter related to this permit. The Coastal Commission retains complete authority to conduct and direct the defense of any such action against the Coastal Commission.
3. **Project Construction.** The Permittee shall conduct project construction as described and conditioned herein, including the following measures:
 - a. Project-related construction shall occur only in areas as described in the permit application.
 - b. Project-related construction, including site preparation, equipment staging, and installation or removal of equipment or wells, occurring between February 28 and October 1 of any year is subject to the timing and species protection requirements of Special Condition 14.
 - c. Construction equipment and materials, including project-related debris, shall be placed or stored where it cannot enter a storm drain or coastal waters. The Permittee shall ensure that all construction personnel keep all food-related trash items in sealed containers and remove them daily to discourage the concentration of potential predators in snowy plover habitat. All trash and construction debris shall be removed from work areas and properly disposed of at the end of each work day at an approved upland location. All vegetation removed from the construction site shall be taken to a certified landfill to prevent the spread of invasive species.
 - d. To reduce construction noise, noise attenuation devices (e.g., noise blankets, sound baffles, etc.) shall be installed around all stationary construction equipment, including drill rigs.
 - e. All project vehicles shall maintain speeds of 10 miles per hour or less when at the project site. Prior to moving any vehicle, project personnel shall visually inspect for special-status species under and around the vehicle, and shall notify the on-site biologist should any be detected.
 - f. To avoid predation of special-status species, wire excluders or similar anti-perching devices shall be installed and maintained on the top of all aboveground structures (e.g., electrical panel) to deter perching by avian predators.

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

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

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

5. Hazardous Material Spill Prevention and Response.

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

- o Descriptions of the special-status species with potential to occur in the project area;
- o Habitat requirements and life histories of those species as they relate to the project;
- o Avoidance, minimization, and mitigation measures that will be implemented to avoid impacts to the species and their habitats;
- o Identification of the regulatory agencies and regulations that manage their protection; and,
- o 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 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;
 - performance standards and success criteria to be used;
 - a minimum 3:1 ratio of native plants to be replaced within the affected area;
 - an invasive species control program to be implemented for the duration of the project;
 - the timing of proposed restoration activities;
 - proposed methods to monitor restoration performance and success for at least five years following initiation of the Plan; and
 - identification of all relevant conditions, requirements, and approvals by regulatory agencies needed to implement the Plan.

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

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

16. **Invasive Species Control.** The Permittee shall remove and properly dispose of at a certified landfill all invasive or exotic plants disturbed or removed during project activities. The Permittee shall use existing on-site soils for fill material to the extent feasible. If the use of imported fill material is necessary, the imported material must be obtained from a source that is known to be free of invasive plant species, or the material must consist of purchased clean material.
17. **Posting of Bond.** To ensure timely removal, PRIOR TO COMMENCEMENT OF CONSTRUCTION, the Permittee shall provide to the Commission a surety bond or similar security device acceptable to the Executive Director for \$1,000,000 (one million dollars), and naming the Coastal Commission as the assured, to guarantee the Permittee's compliance with Special Conditions 6 and 15. The surety bond or other security device shall be maintained in full force and effect at all times until Special Conditions 6 and 15 have been met.

APPENDIX A-2

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

13-Oct-15



CALIFORNIA COASTAL COMMISSION

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



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

COASTAL DEVELOPMENT PERMIT AMENDMENT

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

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

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

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

CHARLES LESTER
Executive Director

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

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

Acknowledgment:

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

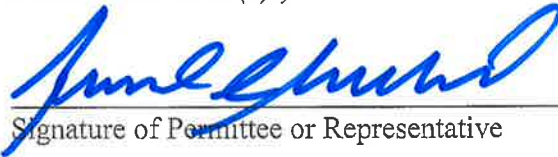
The undersigned permittee(s) acknowledges that Government Code Section 818.4, which states in pertinent part, that: "A public entity is not liable for injury caused by the issuance...of any permit..." applies to the issuance of this permit.

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

Date

10/13/15

Signature of Permittee or Representative



SPECIAL CONDITIONS

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

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

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

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

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

APPENDIX B
Groundwater Level and Salinity Instrument Data
10-May-17 - 17-May-17



Report Date:	5/19/2017 8:54
Report User Name:	AVanHaitsma
Report Computer Name:	WKST34
Application:	WinSitu.exe
Application Version:	5.6.25.0

Log File Properties	
File Name	MPWSP MW-1D LT Test_2017-05-18_08-29-31-190-BaroMerge.wsl
Create Date	5/19/2017 8:52

Device Properties	
Device	Aqua TROLL 200
Site	MPWSP MW-1D
Device Name	
Serial Number	438507
Firmware Version	2
Hardware Version	3
Device Address	1
Device Comm Cfg	19200
Used Memory	0
Used Battery	2

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

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

Other Log Settings	
Depth of Probe:	34.5229 (ft)
Head Pressure:	15.3258 (PSI)
Temperature:	21.9902 (C)
Specific Conductivity Model:	Standard Methods
Reference Temperature:	25
Temperature Coefficient:	0.0191
TDS Factor:	0.68

Log Notes:	
Date and Time	Note
4/21/2016 16:57	Used Battery: 2% Used Memory: 1% User Name: ELinden
4/22/2016 10:32	Log Download - Used Battery: 2% Used Memory: 1% User Name: Skuiper Interval - Start Time: 4/21/2016 6:00:00 PM Stop Time: 4/22/2016 11:30:00 AM
4/28/2016 10:59	Log Download - Used Battery: 2% Used Memory: 1% User Name: KMakar Interval - Start Time: 4/19/2016 5:00:00 PM Stop Time: 4/28/2016 10:45:00 AM
5/5/2016 12:29	Log Download - Used Battery: 3% Used Memory: 3% User Name: Skuiper Interval - Start Time: 3/31/2016 12:00:00 PM Stop Time: 5/5/2016 12:30:00 PM
5/12/2016 15:48	Log Download - Used Battery: 3% Used Memory: 3% User Name: Skuiper Interval - Start Time: 5/3/2016 12:00:00 PM Stop Time: 5/12/2016 5:00:00 PM
5/19/2016 16:19	Log Download - Used Battery: 3% Used Memory: 4% User Name: ELinden Interval - Start Time: 5/10/2016 12:00:00 PM Stop Time: 5/19/2016 5:00:00 PM
5/26/2016 14:12	Log Download - Used Battery: 4% Used Memory: 4% User Name: Skuiper Interval - Start Time: 5/17/2016 6:00:00 PM Stop Time: 5/26/2016 2:30:00 PM
6/2/2016 14:17	Log Download - Used Battery: 4% Used Memory: 6% User Name: Skuiper Interval - Start Time: 4/30/2016 10:00:00 PM Stop Time: 6/2/2016 2:15:00 PM
6/9/2016 10:52	Log Download - Used Battery: 4% Used Memory: 6% User Name: CSbaw Interval - Start Time: 5/31/2016 5:00:00 AM Stop Time: 6/9/2016 11:45:00 AM
6/16/2016 17:31	Log Download - Used Battery: 5% Used Memory: 7% User Name: Skuiper Interval - Start Time: 6/7/2016 10:30:00 PM Stop Time: 6/16/2016 6:15:00 PM
6/23/2016 15:41	Log Download - Used Battery: 5% Used Memory: 7% User Name: Skuiper Interval - Start Time: 6/15/2016 10:00:00 PM Stop Time: 6/23/2016 4:00:00 PM
7/1/2016 9:13	Log Download - Used Battery: 6% Used Memory: 9% User Name: Skuiper Interval - Start Time: 5/31/2016 10:00:00 PM Stop Time: 7/1/2016 9:45:00 AM
7/8/2016 9:11	Log Download - Used Battery: 6% Used Memory: 9% User Name: Skuiper Interval - Start Time: 6/29/2016 10:00:00 PM Stop Time: 7/8/2016 9:45:00 AM
7/14/2016 12:33	Log Download - Used Battery: 6% Used Memory: 10% User Name: ELinden Interval - Start Time: 7/5/2016 12:00:00 PM Stop Time: 7/14/2016 1:45:00 PM
7/21/2016 13:47	Log Download - Used Battery: 7% Used Memory: 10% User Name: Skuiper Interval - Start Time: 7/13/2016 10:00:00 PM Stop Time: 7/21/2016 2:15:00 PM
7/28/2016 14:39	Log Download - Used Battery: 7% Used Memory: 12% User Name: Skuiper Interval - Start Time: 7/20/2016 10:00:00 PM Stop Time: 7/28/2016 3:15:00 PM
8/4/2016 12:00	Log Download - Used Battery: 7% Used Memory: 14% User Name: Skuiper Interval - Start Time: 6/30/2016 10:00:00 PM Stop Time: 8/4/2016 12:00:00 PM
8/11/2016 13:48	Log Download - Used Battery: 8% Used Memory: 14% User Name: ELinden Interval - Start Time: 8/3/2016 12:00:00 PM Stop Time: 8/11/2016 2:45:00 PM
8/18/2016 11:10	Log Download - Used Battery: 8% Used Memory: 15% User Name: Skuiper Interval - Start Time: 8/10/2016 10:00:00 PM Stop Time: 8/18/2016 11:00:00 AM
8/25/2016 16:46	Log Download - Used Battery: 8% Used Memory: 15% User Name: ELinden Interval - Start Time: 8/17/2016 10:00:00 PM Stop Time: 8/25/2016 5:45:00 PM
9/1/2016 13:09	Log Download - Used Battery: 9% Used Memory: 17% User Name: Skuiper Interval - Start Time: 7/31/2016 10:00:00 PM Stop Time: 9/1/2016 1:00:00 PM
9/8/2016 11:26	Log Download - Used Battery: 9% Used Memory: 17% User Name: Skuiper Interval - Start Time: 8/31/2016 10:00:00 PM Stop Time: 9/8/2016 11:15:00 AM
9/15/2016 18:25	Log Download - Used Battery: 10% Used Memory: 18% User Name: ANorris Interval - Start Time: 9/7/2016 10:00:00 PM Stop Time: 9/15/2016 7:15:00 PM
9/22/2016 15:53	Log Download - Used Battery: 10% Used Memory: 18% User Name: ANorris Interval - Start Time: 9/14/2016 10:00:00 PM Stop Time: 9/22/2016 4:45:00 PM
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11/3/2016 9:12	Log Download - Used Battery: 12% Used Memory: 23% User Name: Skuiper Interval - Start Time: 9/30/2016 10:00:00 PM Stop Time: 11/3/2016 11:00:00 AM
11/10/2016 10:44	Log Download - Used Battery: 12% Used Memory: 25% User Name: Skuiper Interval - Start Time: 11/2/2016 10:00:00 PM Stop Time: 11/10/2016 10:45:00 AM
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12/2/2016 9:09	Log Download - Used Battery: 14% Used Memory: 26% User Name: Skuiper Interval - Start Time: 10/31/2016 1:00:00 AM Stop Time: 12/2/2016 9:00:00 AM
12/8/2016 12:34	Log Download - Used Battery: 14% Used Memory: 28% User Name: Skuiper Interval - Start Time: 11/30/2016 10:00:00 PM Stop Time: 12/8/2016 12:30:00 PM
12/15/2016 10:44	Log Download - Used Battery: 14% Used Memory: 28% User Name: Skuiper Interval - Start Time: 12/7/2016 10:00:00 PM Stop Time: 12/15/2016 11:00:00 AM
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1/26/2017 13:40	Log Download - Used Battery: 17% Used Memory: 34% User Name: Skuiper Interval - Start Time: 1/18/2017 10:00:00 PM Stop Time: 1/26/2017 2:30:00 PM
2/2/2017 8:10	Log Download - Used Battery: 17% Used Memory: 34% User Name: WMassoll Interval - Start Time: 12/31/2016 10:00:00 PM Stop Time: 2/2/2017 8:15:00 AM
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4/20/2017 8:08	Log Download - Used Battery: 21% Used Memory: 43% User Name: AVanHaitsma Interval - Start Time: 4/12/2017 10:00:00 PM Stop Time: 4/20/2017 9:00:00 AM
4/27/2017 14:15	Log Download - Used Battery: 21% Used Memory: 43% User Name: WMassoll Interval - Start Time: 4/19/2017 10:00:00 PM Stop Time: 4/27/2017 3:15:00 PM
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5/18/2017 8:28	Log Download - Used Battery: 22% Used Memory: 46% User Name: WMassoll Interval - Start Time: 5/10/2017 10:00:00 PM Stop Time: 5/18/2017 9:15:00 AM
5/19/2017 8:52	User Note: "Pressure & Level adjusted by baro data from: "MPWSP Barotroll_2017-05-18_53-25-090.wsl""

Log Data:	
Record Count	714

Sensors	2
1	438507 PCTD 300 PSIA (200.7m/658.7ft)
2	0 Baro-Adjustment Calc

Time Zone: Pacific Daylight Time												
	Sensor: PCTD(A) 658.7ft SNR: 438507	Sensor: PCTD(A) 658.7ft SNR: 438507	Sensor: PCTD(A) 658.7ft SNR: 438507	Sensor: PCTD(A) 658.7ft SNR: 438507	Sensor: PCTD(A) 658.7ft SNR: 438507	Sensor: PCTD(A) 658.7ft SNR: 438507	Sensor: PCTD(A) 658.7ft SNR: 438507	Sensor: PCTD(A) 658.7ft SNR: 438507	Sensor: PCTD(A) 658.7ft SNR: 438507	Sensor: Baro-Adj Calc SNR: 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)	
5/11/2017 0:00	7200		122.06	19.259	274.951	37449.445	42061.426	27.254	28601.77	26.703	1.019	14.804
5/11/2017 0:15	8100		122.04	19.261	274.908	37386.949	41989.746	27.202	28553.027	26.747	1.019	14.8
5/11/2017 0:30	9000		122.003	19.267	274.823	37244.438	41823.977	27.083	28440.307	26.805	1.019	14.805
5/11/2017 0:45	9900		121.973	19.265	274.767	37164.045	41653.636	27.104	28460.473	26.835	1.019	14.808
5/11/2017 1:00	10800		121.942	19.266	274.686	37131.582	41698.336	26.993	28354.869	26.931	1.019	14.804
5/11/2017 1:15	11700		121.886	19.263	274.561	37085.184	41649.344	26.957	28321.557	26.965	1.019	14.806
5/11/2017 1:30	12600		121.84	19.265	274.457	37070.121	41630.637	26.944	28308.836	26.976	1.019	14.803
5/11/2017 1:45	13500		121.803	19.265	274.374	36997.418	41548.207	26.885	28252.783	27.029	1.019	14.802
5/11/2017 2:00	14400		121.75	19.263	274.255	36967.5	41516.484	26.862	28231.211	27.051	1.019	14.803
5/11/2017 2:15	15300		121.708	19.261	274.159	36937.098	41484.512	26.839	28209.471	27.073	1.019	14.797
5/11/2017 2:30	16200		121.633	19.264	273.989	36967.484	41515.766	26.862	28230.723	27.051	1.019	14.8
5/11/2017 2:45	17100		121.588	19.257	273.889	36930.875	41481.41	26.837	28207.361	27.078	1.019	14.804
5/11/2017 3:00	18000		121.525	19.254	273.747	36930.754	41483.215	26.838	28208.588	27.078	1.019	14.801
5/11/2017 3:15	18900		121.483	19.261	273.653	36924.551	41470.031	26.829	28199.623	27.082	1.019	14.802
5/11/2017 3:30	19800		121.422	19.273	273.514	36999.18	41543.352	26.882	28249.479	27.028	1.019	14.799
5/11/2017 3:45	20700		121.387	19.269	273.436	37082.109	41636.699	26.949	28312.955	26.967	1.019	14.803
5/11/2017 4:00	21600		121.332	19.273	273.311	37208.195	41777.727	27.05	28408.855	26.876	1.019	14.802
5/11/2017 4:15	22500		121.288	19.274	273.213	37279.816	41857.977	27.108	28463.424	26.824	1.019	14.801
5/11/2017 4:30	23400		121.229	19.272	273.08	37347.246	41935.184	27.163	28515.926	26.776	1.019	14.807
5/11/2017 4:45	24300		121.206	19.274	273.028	37441.086	42038.586	27.238	28586.238	26.709	1.019	14.805
5/11/2017 5:00	25200		121.181	19.271	272.972	37505.254	42113.703	27.292	28637.32	26.663	1.019	14.802
5/11/2017 5:15	26100		121.148	19.269	272.897	37573.965	42192.289	27.348	28690.76	26.614	1.019	14.8
5/11/2017 5:30	27000		121.126	19.268	272.848	37677.773	42310.359	27.433	28771.045	26.541	1.019	14.805
5/11/2017 5:45	27900		121.114	19.267	272.82	37779.863	42425.07	27.516	28849.051	26.469	1.019	14.802
5/11/2017 6:00	28800		121.1	19.266	272.79	37863.465	42520.543	27.584	28913.971	26.411	1.019	14.807
5/11/2017 6:15	29700		121.106	19.265	272.804	37942.645	42609.699	27.649	28974.598	26.356	1.019	14.814
5/11/2017 6:30	30600		121.095	19.264	272.777	37992.852	42667.051	27.69	29013.598	26.321	1.019	14.815
5/11/2017 6:45	31500		121.117	19.266	272.828	38024.914	42816.152	27.797	29114.986	26.23	1.019	14.815
5/11/2017 7:00	32400		121.121	19.263	272.837	38164.699	42861.398	27.83	29145.754	26.202	1.019	14.814
5/11/2017 7:15	33300		121.142	19.262	272.885	38295.23	43008.801	27.936	29245.984	26.133	1.02	14.815
5/11/2017 7:30	34200		121.152	19.261								

5/11/2017 18:15	72900	121.46	19266	273.601	37324.137	41914.805	27.148	28502.07	26.792	1.019	14.797
5/11/2017 18:30	73800	121.474	19267	273.633	37380.656	41977.258	27.193	28544.537	26.752	1.019	14.801
5/11/2017 18:45	74700	121.484	19266	273.654	37464.164	42071.586	27.261	28608.682	26.692	1.019	14.802
5/11/2017 19:00	75600	121.517	19266	273.729	37533.176	42149.711	27.317	28661.807	26.643	1.019	14.797
5/11/2017 19:15	76500	121.529	19267	273.756	37606.836	42231.488	27.376	28717.412	26.591	1.019	14.797
5/11/2017 19:30	77400	121.562	19266	273.831	37680.613	42270.055	27.404	28743.639	26.567	1.019	14.801
5/11/2017 19:45	78300	121.586	19266	273.885	37724.066	42353.629	27.465	28807.669	26.508	1.019	14.798
5/11/2017 20:00	79200	121.592	19266	273.898	37786.109	42433.125	27.521	28854.527	26.465	1.019	14.799
5/11/2017 20:15	80100	121.645	19266	274.018	37842.664	42496.789	27.567	28897.818	26.425	1.019	14.803
5/11/2017 20:30	81000	121.687	19267	274.111	37863.988	42520.102	27.584	28913.672	26.41	1.019	14.804
5/11/2017 20:45	81900	121.729	19268	274.207	37944.887	42609.672	27.649	28974.578	26.354	1.019	14.801
5/11/2017 21:00	82800	121.753	19273	274.259	37942.77	42662.672	27.644	28989.818	26.355	1.019	14.801
5/11/2017 21:15	83700	121.782	19273	274.326	37957.683	42653.948	27.65	28975.039	26.345	1.019	14.805
5/11/2017 21:30	84600	121.815	19276	274.4	37982.719	42644.82	27.674	28998.48	26.328	1.019	14.802
5/11/2017 21:45	85500	121.845	19268	274.468	37957.59	42623.777	27.659	28984.17	26.345	1.019	14.806
5/11/2017 22:00	86400	121.876	19265	274.537	37961.078	42630.887	27.664	28989.006	26.343	1.019	14.802
5/11/2017 22:15	87300	121.9	19256	274.592	37970.176	42649.32	27.677	29001.541	26.336	1.019	14.804
5/11/2017 22:30	88200	121.914	19255	274.624	37907.684	42580.164	27.627	28954.514	26.38	1.019	14.801
5/11/2017 22:45	89100	121.957	19258	274.706	37895.902	42563.75	27.615	28943.352	26.385	1.019	14.795
5/11/2017 23:00	90000	121.948	19257	274.7	37856.137	42519.961	27.584	28913.576	26.416	1.019	14.802
5/11/2017 23:15	90900	121.948	19257	274.699	37803.754	42461.598	27.541	28873.889	26.452	1.019	14.808
5/11/2017 23:30	91800	121.944	19255	274.691	37757.898	42411.766	27.506	28840.002	26.485	1.019	14.8
5/11/2017 23:45	92700	121.949	19261	274.703	37698.172	42339.043	27.453	28790.551	26.526	1.019	14.805
5/12/2017 0:00	93600	121.938	19256	274.677	37631.09	42288.289	27.402	28742.439	26.574	1.019	14.8
5/12/2017 0:15	94500	121.933	19259	274.665	37579.227	42207.652	27.358	28701.205	26.59	1.019	14.804
5/12/2017 0:30	95400	121.903	19258	274.665	37467.234	42082.438	27.269	28616.061	26.69	1.019	14.802
5/12/2017 0:45	96300	121.885	19257	274.558	37405.453	42014.063	27.219	28569.563	26.734	1.019	14.801
5/12/2017 1:00	97200	121.846	19256	274.471	37311.969	41910	27.145	28498.803	26.801	1.019	14.797
5/12/2017 1:15	98100	121.817	19257	274.404	37257.848	41847.809	27.1	28456.51	26.84	1.019	14.806
5/12/2017 1:30	99000	121.78	19257	274.321	37213.176	41798.18	27.064	28422.764	26.872	1.019	14.802
5/12/2017 1:45	99900	121.712	19261	274.169	37123.52	41623.492	26.989	28351.576	26.937	1.019	14.813
5/12/2017 2:00	100800	121.695	19259	274.129	37107.762	41677.98	26.978	28341.027	26.949	1.019	14.798
5/12/2017 2:15	101700	121.643	19257	274.013	37062.746	41628.828	26.943	28307.605	26.981	1.019	14.802
5/12/2017 2:30	102600	121.593	19.26	273.9	37035.629	41595.641	26.919	28285.035	27.001	1.019	14.802
5/12/2017 2:45	103500	121.538	19259	273.776	37060.531	41624.777	26.94	28304.852	26.983	1.019	14.803
5/12/2017 3:00	104400	121.487	19265	273.66	36967.848	41515.703	26.862	28230.678	27.051	1.019	14.807
5/12/2017 3:15	105300	121.436	19252	273.547	36969.902	41559.647	26.893	28250.539	27.029	1.019	14.829
5/12/2017 3:30	106200	121.394	19247	273.451	36980.258	41545.656	26.882	28251.049	27.041	1.019	14.797
5/12/2017 3:45	107100	121.341	19254	273.333	37033.984	41599.477	26.921	28287.645	27.002	1.019	14.801
5/12/2017 4:00	108000	121.269	19265	273.171	37044.848	41601.711	26.923	28289.166	26.994	1.019	14.806
5/12/2017 4:15	108900	121.244	19266	273.114	37098.629	41661.715	26.966	28293.967	26.955	1.019	14.802
5/12/2017 4:30	109800	121.184	19265	272.979	37208.539	41785.844	27.056	28414.377	26.876	1.019	14.811
5/12/2017 4:45	110700	121.134	19267	272.865	37298.646	41887.865	27.129	28483.717	26.811	1.019	14.809
5/12/2017 5:00	111600	121.101	19263	272.791	37369.445	41968.434	27.187	28538.535	26.76	1.019	14.806
5/12/2017 5:15	112500	121.063	19261	272.707	37471.453	42084.652	27.27	28617.564	26.687	1.019	14.81
5/12/2017 5:30	113400	121.033	19.26	272.638	37583.789	42211.531	27.362	28703.844	26.607	1.019	14.812
5/12/2017 5:45	114300	121.016	19259	272.599	37649.387	42286.625	27.416	28754.908	26.561	1.019	14.811
5/12/2017 6:00	115200	120.989	19257	272.541	37744.797	42394.906	27.493	28828.539	26.494	1.019	14.81
5/12/2017 6:15	116100	120.963	19261	272.481	37872.965	42539.681	27.586	28936.967	26.404	1.019	14.817
5/12/2017 6:30	117000	120.957	19255	272.466	37947.582	42624.418	27.659	28984.607	26.352	1.019	14.814
5/12/2017 6:45	117900	120.955	19256	272.463	38081.781	42774.84	27.767	29086.891	26.259	1.019	14.817
5/12/2017 7:00	118800	120.943	19254	272.435	38175.113	42881.203	27.844	29159.221	26.195	1.02	14.817
5/12/2017 7:15	119700	120.942	19254	272.435	38256.539	42973.078	27.91	29221.695	26.139	1.02	14.815
5/12/2017 7:30	120600	120.962	19252	272.478	38352.074	43081.512	27.988	29295.43	26.074	1.02	14.818
5/12/2017 7:45	121500	120.981	19252	272.521	38467.27	43211.563	28.082	29383.865	25.996	1.02	14.818
5/12/2017 8:00	122400	120.987	19251	272.535	38483.207	43230.512	28.096	29396.75	25.985	1.02	14.815
5/12/2017 8:15	123300	121.017	19249	272.603	38582.168	43342.98	28.177	29473.229	25.919	1.02	14.815
5/12/2017 8:30	124200	121.041	19248	272.657	38716.68	43494.902	28.287	29576.535	25.829	1.02	14.82
5/12/2017 8:45	125100	121.091	19247	272.768	38773.336	43559.371	28.333	29620.375	25.791	1.02	14.815
5/12/2017 9:00	126000	121.101	19247	272.793	38897.973	43699.957	28.435	29715.973	25.708	1.02	14.818
5/12/2017 9:15	126900	121.153	19245	272.909	38993.211	43808.516	28.514	29789.793	25.645	1.02	14.813
5/12/2017 9:30	127800	121.187	19245	272.979	39012.148	43925.719	28.529	29804.211	25.633	1.02	14.811
5/12/2017 9:45	128700	121.22	19244	273.059	39082.34	43909.637	28.587	29858.555	25.587	1.02	14.812
5/12/2017 10:00	129600	121.265	19242	273.161	39170.137	44009.84	28.659	29926.693	25.53	1.02	14.815
5/12/2017 10:15	130500	121.291	19242	273.219	39200.281	44043.961	28.684	29949.896	25.51	1.02	14.816
5/12/2017 10:30	131400	121.324	19242	273.293	39300.727	44156.992	28.766	30026.758	25.445	1.02	14.815
5/12/2017 10:45	132300	121.364	19242	273.384	39343.379	44204.828	28.8	30059.285	25.417	1.02	14.816
5/12/2017 11:00	133200	121.395	19242	273.454	39387.527	44254.628	28.837	30093.18	25.389	1.02	14.819
5/12/2017 11:15	134100	121.432	19241	273.538	39459.203	44336.375	28.896	30148.734	25.343	1.02	14.812
5/12/2017 11:30	135000	121.451	19242	273.581	39488.684	44368.582	28.919	30170.639	25.324	1.02	14.815
5/12/2017 11:45	135900	121.488	19242	273.664	39532.168	44416.945	28.954	30203.525	25.296	1.02	14.812
5/12/2017 12:00	136800	121.508	19243	273.708	39575.188	44464.855	28.989	30236.104	25.268	1.02	14.808
5/12/2017 12:15	137700	121.516	19259	273.726	39627.508	44508.305	29.021	30265.65	25.235	1.02	14.811
5/12/2017 12:30	138600	121.53	19261	273.758	39641.258	44543.158	29.059	30294.104	25.243	1.02	14.805
5/12/2017 12:45	139500	121.555	19253	273.814	39638.973	44526.938	29.034	30278.32	25.228	1.02	14.803
5/12/2017 13:00	140400	121.567	19252	273.842	39609.305	44494.359	29.011	30256.164	25.247	1.02	14.802
5/12/2017 13:15	141300	121.574	19249	273.857	39551.465	44431.797	28.965	30213.625	25.284	1.02	14.803
5/12/2017 13:30	142200	121.568	19246	273.845	39480.887	44355.668	28.91	30161.857	25.329	1.02	14.8
5/12/2017 13:45	143100	121.561	19245	273.828	39389.074	44253.773	28.836	30092.568	25.388	1.02	14.802
5/12/2017 14:00	144000	121.562	19245	273.831	39315.223	44170.623	28.776	30046.025	25.435	1.02	14.795
5/12/2017 14:15	144900	121.555	19244	273.814	39200.746	44043.07	28.683	29949.291	25.51	1.02	14.796
5/12/2017 14:30	145800	121.538	19243								

5/13/2017 23:00	262800	121.748	19.229	274.249	38602.953	43384.77	28.206	29501.646	25.905	1.02	14.732
5/13/2017 23:15	263700	121.767	19.228	274.293	38620.852	43406.027	28.222	29516.102	25.893	1.02	14.73
5/13/2017 23:30	264600	121.789	19.22	274.342	38611.867	43403.406	28.22	29514.318	25.899	1.02	14.732
5/13/2017 23:45	265500	121.781	19.222	274.323	38605.211	43393.734	28.213	29507.742	25.903	1.02	14.731
5/14/2017 0:00	266400	121.8	19.227	274.367	38641.656	43430.301	28.239	29532.605	25.879	1.02	14.73
5/14/2017 0:15	267300	121.814	19.225	274.397	38620.012	43418.327	28.231	29524.602	25.887	1.02	14.719
5/14/2017 0:30	268200	121.801	19.223	274.369	38629.223	43416.73	28.229	29523.379	25.897	1.02	14.729
5/14/2017 0:45	269100	121.795	19.226	274.355	38644.453	43434.664	28.242	29535.574	25.877	1.02	14.725
5/14/2017 1:00	270000	121.779	19.228	274.319	38585.578	43366.301	28.193	29489.086	25.916	1.02	14.727
5/14/2017 1:15	270900	121.793	19.226	274.35	38502.48	43274.934	28.127	29426.957	25.972	1.02	14.718
5/14/2017 1:30	271800	121.776	19.222	274.312	38517.738	43295.563	28.142	29440.984	25.962	1.02	14.718
5/14/2017 1:45	272700	121.757	19.23	274.269	38488.102	43255.121	28.113	29413.484	25.982	1.02	14.716
5/14/2017 2:00	273600	121.774	19.230	274.172	38436.238	43194.484	28.069	29372.352	26.017	1.02	14.723
5/14/2017 2:15	274500	121.709	19.229	274.161	38389.449	43145.543	28.034	29338.971	26.049	1.02	14.721
5/14/2017 2:30	275400	121.684	19.228	274.104	38368.762	43123.262	28.017	29323.82	26.063	1.02	14.716
5/14/2017 2:45	276300	121.636	19.229	273.996	38251.242	42990.301	27.922	29233.406	26.143	1.02	14.713
5/14/2017 3:00	277200	121.591	19.225	273.896	38249.281	42990.902	27.922	29233.816	26.144	1.02	14.709
5/14/2017 3:15	278100	121.552	19.229	273.808	38207.449	42940.766	27.886	29199.723	26.173	1.02	14.719
5/14/2017 3:30	279000	121.533	19.229	273.756	38151.805	42877.98	27.841	29157.007	26.211	1.02	14.721
5/14/2017 3:45	279900	121.475	19.226	273.634	38071.395	42790.168	27.777	29097.316	26.266	1.019	14.716
5/14/2017 4:00	280800	121.435	19.229	273.544	38027.57	42738.672	27.74	29062.297	26.297	1.019	14.716
5/14/2017 4:15	281700	121.375	19.231	273.41	38007.039	42713.273	27.722	29045.027	26.311	1.019	14.713
5/14/2017 4:30	282600	121.347	19.233	273.345	38023.785	42730.414	27.734	29056.682	26.299	1.019	14.708
5/14/2017 4:45	283500	121.286	19.229	273.208	38000.816	42708.363	27.718	29041.689	26.315	1.019	14.711
5/14/2017 5:00	284400	121.242	19.229	273.11	37978.949	42683.789	27.7	29024.979	26.33	1.019	14.711
5/14/2017 5:15	285300	121.207	19.222	273.031	37963.691	42672.645	27.692	29017.4	26.341	1.019	14.708
5/14/2017 5:30	286200	121.169	19.222	272.946	37949.23	42656.699	27.681	29006.557	26.351	1.019	14.703
5/14/2017 5:45	287100	121.149	19.215	272.9	37996.262	42715.957	27.723	29046.852	26.318	1.019	14.701
5/14/2017 6:00	288000	121.059	19.216	272.696	37991.352	42709.578	27.719	29042.516	26.322	1.019	14.709
5/14/2017 6:15	288900	121.02	19.211	272.608	37947.961	42655.266	27.686	29012.383	26.352	1.019	14.707
5/14/2017 6:30	289800	121.005	19.221	272.622	37991.422	42705.563	27.716	29039.785	26.322	1.021	14.712
5/14/2017 6:45	290700	120.988	19.238	272.538	38001.281	42700.727	27.713	29036.496	26.315	1.019	14.713
5/14/2017 7:00	291600	120.964	19.239	272.483	38100.441	42811.027	27.793	29111.5	26.246	1.019	14.709
5/14/2017 7:15	292500	120.945	19.24	272.441	38168.289	42886.789	27.847	29163.02	26.2	1.02	14.708
5/14/2017 7:30	293400	120.918	19.239	272.379	38229.004	42955.484	27.897	29209.732	26.158	1.02	14.715
5/14/2017 7:45	294300	120.92	19.237	272.385	38298.512	43035.277	27.954	29263.99	26.111	1.02	14.712
5/14/2017 8:00	295200	120.929	19.231	272.38	38356.176	43100.008	28.002	29328.553	26.071	1.02	14.711
5/14/2017 8:15	296100	120.911	19.236	272.363	38407.816	43159.447	28.004	29348.445	26.036	1.02	14.718
5/14/2017 8:30	297000	120.92	19.235	272.385	38539.027	43307.418	28.151	29449.047	25.948	1.02	14.712
5/14/2017 8:45	297900	120.923	19.234	272.392	38581.383	43355.809	28.186	29481.951	25.919	1.02	14.717
5/14/2017 9:00	298800	120.935	19.234	272.417	38683.375	43470.754	28.269	29560.113	25.851	1.02	14.713
5/14/2017 9:15	299700	120.946	19.233	272.443	38753.332	43530.207	28.312	29600.543	25.816	1.02	14.717
5/14/2017 9:30	300600	120.967	19.232	272.467	38794.588	43597.445	28.36	29646.246	25.776	1.02	14.716
5/14/2017 9:45	301500	120.983	19.232	272.525	38857.918	43669.02	28.412	29694.936	25.735	1.02	14.719
5/14/2017 10:00	302400	121.019	19.231	272.608	38956.922	43781.359	28.493	29771.326	25.669	1.02	14.718
5/14/2017 10:15	303300	121.055	19.23	272.688	39048.313	43884.313	28.568	29841.334	25.609	1.02	14.713
5/14/2017 10:30	304200	121.082	19.229	272.75	39065.07	43904.379	28.582	29854.98	25.598	1.02	14.709
5/14/2017 10:45	305100	121.105	19.229	272.801	39143.863	43993.012	28.646	29915.248	25.547	1.02	14.717
5/14/2017 11:00	306000	121.129	19.228	272.855	39228.587	44088.777	28.716	29980.371	25.492	1.02	14.723
5/14/2017 11:15	306900	121.175	19.228	272.959	39258.508	44122.762	28.74	30003.479	25.472	1.02	14.716
5/14/2017 11:30	307800	121.21	19.228	273.037	39329.422	44202.961	28.798	30058.016	25.426	1.02	14.714
5/14/2017 11:45	308700	121.242	19.227	273.11	39381.359	44262.258	28.841	30098.338	25.393	1.02	14.715
5/14/2017 12:00	309600	121.275	19.226	273.183	39468.215	44360.285	28.912	30164.996	25.337	1.02	14.719
5/14/2017 12:15	310500	121.301	19.225	273.243	39457.254	44348.715	28.904	30157.129	25.344	1.02	14.721
5/14/2017 12:30	311400	121.313	19.225	273.269	39530.785	44432.02	28.964	30213.775	25.297	1.02	14.723
5/14/2017 12:45	312300	121.349	19.224	273.35	39560.371	44465.617	28.989	30236.619	25.278	1.02	14.726
5/14/2017 13:00	313200	121.375	19.224	273.41	39622.996	44535.914	29.04	30284.424	25.238	1.02	14.725
5/14/2017 13:15	314100	121.396	19.223	273.457	39654.344	44572.164	29.066	30309.074	25.218	1.02	14.722
5/14/2017 13:30	315000	121.412	19.223	273.491	39671.941	44592.695	29.081	30323.035	25.207	1.02	14.722
5/14/2017 13:45	315900	121.43	19.223	273.532	39751.07	44681.047	29.145	30383.111	25.157	1.02	14.728
5/14/2017 14:00	316800	121.451	19.222	273.579	39772.125	44705.391	29.163	30399.688	25.143	1.021	14.724
5/14/2017 14:15	317700	121.455	19.223	273.544	39783.047	44716.829	29.171	30407.443	25.136	1.02	14.722
5/14/2017 14:30	318600	121.463	19.223	273.608	39812.516	44750.023	29.195	30430.018	25.118	1.021	14.726
5/14/2017 14:45	319500	121.459	19.245	273.597	39876.496	44801.391	29.233	30464.947	25.077	1.021	14.721
5/14/2017 15:00	320400	121.48	19.247	273.645	39870.648	44792.387	29.227	30458.826	25.081	1.021	14.718
5/14/2017 15:15	321300	121.464	19.241	273.609	39860.871	44787.766	29.223	30455.684	25.087	1.021	14.713
5/14/2017 15:30	322200	121.45	19.237	273.578	39793.375	44715.789	29.171	30446.738	25.13	1.021	14.715
5/14/2017 15:45	323100	121.447	19.231	273.571	39786.387	44712.445	29.168	30440.465	25.134	1.02	14.716
5/14/2017 16:00	324000	121.443	19.231	273.562	39743.789	44665.246	29.134	30372.367	25.161	1.02	14.714
5/14/2017 16:15	324900	121.432	19.231	273.538	39671.348	44584.082	29.075	30317.178	25.207	1.02	14.71
5/14/2017 16:30	325800	121.422	19.232	273.515	39614.578	44519.363	29.028	30273.168	25.243	1.02	14.711
5/14/2017 16:45	326700	121.43	19.227	273.533	39539.746	44439.766	28.97	30219.041	25.291	1.02	14.703
5/14/2017 17:00	327600	121.405	19.227	273.478	39428.195	44314.641	28.879	30133.957	25.363	1.02	14.707
5/14/2017 17:15	328500	121.389	19.228	273.467	39394.824	44218.824	28.81	30058.803	25.417	1.02	14.703
5/14/2017 17:30	329400	121.378	19.225	273.415	39265.227	44133.453	28.748	30010.75	25.468	1.02	14.705
5/14/2017 17:45	330300	121.379	19.223	273.419	39200.176	44061.586	28.696	29961.879	25.51	1.02	14.703
5/14/2017 18:00	331200	121.364	19.224	273.383	39037.672	43878.43	28.563	29837.334	25.616	1.02	14.71
5/14/2017 18:15	332100	121.361	19.221	273.378	39002.086	43841.145	28.536	29811.979	25.64	1.02	14.71
5/14/2017 18:30	333000	121.352	19.224	273.358	38910.027	43734.715	28.459	29739.607	25.7	1.02	14.707
5/14/2017 18:45	333900	121.343	19.226	273.337	38812.262	43622.868	28.378	29663.572	25.765	1.02	14.712
5/14/2017 19:00	334800	121.359	19.222	273.373	38744.465	43550.492	28.326	29614.338	2		

5/16/2017 3:45	452700	121.604	19.189	273.925	39700.664	44656.922	29.126	30366.709	25.188	1.02	14.742
5/16/2017 4:00	453600	121.525	19.191	273.747	39701.645	44656.027	29.125	30366.1	25.188	1.02	14.751
5/16/2017 4:15	454500	121.507	19.181	273.705	39658.293	44617.211	29.097	30339.705	25.215	1.02	14.744
5/16/2017 4:30	455400	121.471	19.184	273.626	39668.563	44625.59	29.103	30345.404	25.209	1.02	14.749
5/16/2017 4:45	456300	121.46	19.19	273.599	39669.738	44621.809	29.101	30342.83	25.208	1.02	14.749
5/16/2017 5:00	457200	121.389	19.188	273.441	39684.152	44639.617	29.113	30354.989	25.199	1.02	14.75
5/16/2017 5:15	458100	121.388	19.191	273.438	39644.129	44591.236	29.079	30322.111	25.224	1.02	14.754
5/16/2017 5:30	459000	121.337	19.189	273.323	39678.805	44632.512	29.108	30350.109	25.202	1.02	14.751
5/16/2017 5:45	459900	121.279	19.188	273.192	39648.668	44599.613	29.084	30327.74	25.222	1.02	14.749
5/16/2017 6:00	460800	121.234	19.189	273.091	39603.652	44548.391	29.047	30292.908	25.25	1.02	14.747
5/16/2017 6:15	461700	121.201	19.188	273.017	39610.191	44556.332	29.053	30298.307	25.246	1.02	14.751
5/16/2017 6:30	462600	121.161	19.184	272.927	39643.066	44596.91	29.082	30325.898	25.225	1.02	14.752
5/16/2017 6:45	463500	121.151	19.19	272.905	39606.078	44549.335	29.048	30293.686	25.249	1.02	14.756
5/16/2017 7:00	464400	121.092	19.183	272.772	39594.875	44544.117	29.044	30290	25.256	1.02	14.76
5/16/2017 7:15	465300	121.048	19.187	272.673	39590.484	44534.918	29.037	30283.744	25.259	1.02	14.76
5/16/2017 7:30	466200	121.045	19.188	272.665	39573.563	44514.711	29.023	30270.006	25.269	1.02	14.762
5/16/2017 7:45	467100	120.997	19.185	272.557	39541.777	44481.965	28.999	30247.738	25.29	1.02	14.763
5/16/2017 8:00	468000	120.959	19.19	272.473	39525.93	44459.965	28.983	30232.779	25.3	1.02	14.762
5/16/2017 8:15	468900	120.946	19.198	272.417	39532.887	44478.121	28.996	30245.125	25.295	1.02	14.762
5/16/2017 8:30	469800	120.925	19.194	272.396	39557.82	44491.754	29.006	30254.395	25.279	1.02	14.765
5/16/2017 8:45	470700	120.906	19.189	272.352	39524.559	44459.422	28.983	30232.408	25.301	1.02	14.768
5/16/2017 9:00	471600	120.894	19.18	272.325	39542.648	44487.938	29.003	30251.799	25.289	1.02	14.772
5/16/2017 9:15	472500	120.915	19.183	272.373	39559.598	44504.258	29.015	30262.898	25.278	1.02	14.771
5/16/2017 9:30	473400	120.891	19.174	272.319	39504.469	44451.238	28.976	30226.844	25.314	1.02	14.768
5/16/2017 9:45	474300	120.872	19.178	272.275	39552.668	44500.969	29.012	30260.66	25.283	1.02	14.776
5/16/2017 10:00	475200	120.882	19.175	272.298	39539.785	44489.98	29.004	30253.189	25.291	1.02	14.766
5/16/2017 10:15	476100	120.898	19.172	272.336	39554.156	44508.98	29.018	30266.109	25.282	1.02	14.771
5/16/2017 10:30	477000	120.911	19.164	272.364	39508.223	44464.297	28.985	30235.723	25.311	1.02	14.77
5/16/2017 10:45	477900	120.917	19.162	272.377	39515.086	44474.277	28.992	30242.512	25.307	1.02	14.775
5/16/2017 11:00	478800	120.944	19.158	272.437	39541.52	44507.539	29.016	30265.129	25.29	1.02	14.77
5/16/2017 11:15	479700	120.966	19.159	272.487	39507.893	44467.791	28.988	30239.053	25.311	1.02	14.771
5/16/2017 11:30	480600	120.982	19.158	272.524	39542.324	44508.445	29.017	30265.744	25.289	1.02	14.775
5/16/2017 11:45	481500	121.005	19.156	272.576	39526.324	44492.93	29.006	30255.195	25.3	1.02	14.779
5/16/2017 12:00	482400	121.036	19.151	272.645	39540.762	44513.195	29.02	30268.975	25.29	1.02	14.776
5/16/2017 12:15	483300	121.062	19.176	272.703	39541.449	44490.762	29.005	30253.719	25.29	1.02	14.771
5/16/2017 12:30	484200	121.085	19.188	272.756	39586.836	44530.238	29.034	30280.563	25.261	1.02	14.78
5/16/2017 12:45	485100	121.136	19.19	272.87	39613.094	44558.012	29.054	30299.449	25.244	1.02	14.784
5/16/2017 13:00	486000	121.143	19.19	272.886	39606.676	44550.461	29.049	30294.314	25.248	1.02	14.78
5/16/2017 13:15	486900	121.175	19.191	272.958	39647.859	44595.945	29.082	30325.242	25.222	1.02	14.783
5/16/2017 13:30	487800	121.211	19.191	273.039	39705.387	44660.484	29.129	30369.131	25.185	1.02	14.778
5/16/2017 13:45	488700	121.223	19.19	273.067	39744.477	44705.211	29.161	30399.543	25.161	1.021	14.784
5/16/2017 14:00	489600	121.256	19.191	273.141	39741.48	44701.414	29.158	30396.963	25.163	1.021	14.784
5/16/2017 14:15	490500	121.284	19.191	273.204	39822.758	44792.204	29.224	30458.789	25.111	1.021	14.785
5/16/2017 14:30	491400	121.318	19.19	273.281	39869.109	44845.652	29.263	30495.045	25.082	1.021	14.784
5/16/2017 14:45	492300	121.329	19.19	273.305	39858.863	44834.043	29.255	30487.152	25.089	1.021	14.784
5/16/2017 15:00	493200	121.355	19.19	273.364	39873.117	44850.074	29.266	30498.053	25.08	1.021	14.784
5/16/2017 15:15	494100	121.379	19.19	273.418	39928.691	44912.75	29.312	30540.672	25.045	1.021	14.781
5/16/2017 15:30	495000	121.415	19.19	273.5	39990.965	44983.051	29.363	30588.477	25.006	1.021	14.782
5/16/2017 15:45	495900	121.453	19.19	273.483	40000.232	44993.489	29.37	30595.242	25.02	1.021	14.786
5/16/2017 16:00	496800	121.442	19.189	273.559	40063.184	45064.699	29.422	30643.998	24.961	1.021	14.777
5/16/2017 16:15	497700	121.422	19.189	273.514	40072.242	45074.816	29.43	30650.877	24.955	1.021	14.78
5/16/2017 16:30	498600	121.434	19.189	273.542	40120.477	45129.574	29.469	30688.111	24.925	1.021	14.775
5/16/2017 16:45	499500	121.431	19.189	273.536	40103.047	45110.227	29.455	30674.957	24.936	1.021	14.776
5/16/2017 17:00	500400	121.452	19.188	273.582	40130.242	45141.238	29.478	30696.045	24.919	1.021	14.774
5/16/2017 17:15	501300	121.429	19.188	273.531	40205.992	45226.367	29.54	30753.932	24.872	1.021	14.778
5/16/2017 17:30	502200	121.421	19.188	273.517	40193.012	45212.27	29.529	30744.344	24.88	1.021	14.774
5/16/2017 17:45	503100	121.436	19.187	273.546	40232.102	45256.754	29.562	30774.596	24.856	1.021	14.78
5/16/2017 18:00	504000	121.423	19.187	273.517	40247.707	45274.895	29.575	30786.93	24.846	1.021	14.782
5/16/2017 18:15	504900	121.393	19.188	273.449	40259.445	45287.172	29.584	30795.279	24.839	1.021	14.776
5/16/2017 18:30	505800	121.425	19.187	273.522	40272.168	45302.074	29.595	30805.412	24.831	1.021	14.779
5/16/2017 18:45	506700	121.398	19.21	273.46	40393.516	45314.574	29.605	30813.912	24.812	1.021	14.77
5/16/2017 19:00	507600	121.386	19.221	273.455	40328.541	45311.758	29.618	30825.709	24.796	1.021	14.766
5/16/2017 19:15	508500	121.372	19.225	273.401	40304.598	45301.27	29.596	30804.865	24.811	1.021	14.777
5/16/2017 19:30	509400	121.37	19.219	273.398	40318.234	45322.879	29.611	30819.561	24.803	1.021	14.772
5/16/2017 19:45	510300	121.369	19.216	273.395	40255.301	45254.43	29.561	30773.014	24.841	1.021	14.777
5/16/2017 20:00	511200	121.351	19.212	273.356	40272.613	45277.957	29.578	30789.014	24.831	1.021	14.776
5/16/2017 20:15	512100	121.358	19.205	273.371	40284.781	45298.176	29.593	30802.762	24.823	1.021	14.775
5/16/2017 20:30	513000	121.361	19.203	273.378	40211.203	45217.723	29.534	30768.053	24.869	1.021	14.763
5/16/2017 20:45	513900	121.359	19.207	273.372	40217.293	45221.184	29.537	30750.406	24.865	1.021	14.775
5/16/2017 21:00	514800	121.343	19.203	273.337	40172.684	45175	29.503	30719.002	24.893	1.021	14.777
5/16/2017 21:15	515700	121.314	19.204	273.272	40165.246	45165.031	29.496	30712.223	24.897	1.021	14.777
5/16/2017 21:30	516600	121.352	19.197	273.357	40093.391	45091.16	29.442	30661.988	24.942	1.021	14.772
5/16/2017 21:45	517500	121.344	19.2	273.339	40072.328	45065.031	29.423	30644.223	24.955	1.021	14.779
5/16/2017 22:00	518400	121.339	19.203	273.339	40071.887	45051.758	29.384	30607.998	24.983	1.021	14.783
5/16/2017 22:15	519300	121.374	19.198	273.406	40005.918	44991.863	29.37	30594.469	24.996	1.021	14.779
5/16/2017 22:30	520200	121.354	19.194	273.361	39960.918	44945.211	29.336	30562.746	25.024	1.021	14.785
5/16/2017 22:45	521100	121.348	19.198	273.348	39928.117	44904.363	29.306	30534.967	25.045	1.021	14.786
5/16/2017 23:00	522000	121.359	19.198	273.374	39888.477	44859.605	29.274	30504.531	25.07	1.021	14.784
5/16/2017 23:15	522900	121.397	19.198	273.458	39830.172	44793.707	29.226	30459.723	25.107	1.021	14.781
5/16/2017 23:30	523800	121.415	19.197	273.499	39798.75	44762.72	29.263	30438.686	25.126	1.021	14.779
5/16/2017 23:45	524700	121.412	19.199	273.491	39750.422	44703.426	29.16				

Report Date:	5/19/2017 8:54		
Report User Name:	AvanHaitsma		
Report Computer Name:	WKST34		
Application:	WinSitu.exe		
Application Version:	5.6.25.0		

Log File Properties			
File Name	MPWSP MW-1M Pre Test_2017-05-18_08-26-31-083-BaroMerge.wsl		
Create Date	5/19/2017 8:52		

Device Properties			
Device	Aqua TROLL 200		
Site	MPWSP MW-1M		
Device Name			
Serial Number	469248		
Firmware Version	2.01		
Hardware Version	4		
Device Address	1		
Device Comm Cfg	19200		1 (Modbus-RTU)
Used Memory	0		
Used Battery	2		

Log Configuration			
Log Name	MPWSP MW-1M Pre Test		
Created By	Skuiper		
Computer Name	PROBOOK8		
Application	WinSitu.exe		
Application Version	5.6.25.0		
Create Date	11/10/2016 8:52:14 AM Pacific Standard Time		
Log Setup Time Zone	Pacific Standard Time		
Notes Size(bytes)	4096		
Overwrite when full	Enabled		
Scheduled Start Time	11/10/2016 10:00:00 AM Pacific Standard Time		
Scheduled Stop Time	No Stop Time		
Type	Linear		
Interval	Days: 0 hrs: 00 mins: 15 secs: 00		

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

Other Log Settings			
Depth of Probe:	34.0136 (ft)		
Head Pressure:	15.0997 (PSI)		
Temperature:	21.2831 (C)		
Specific Conductivity Model:	Standard Methods		
Reference Temperature:	25		
Temperature Coefficient:	0.0191		
TDS Factor:	0.68		

Log Notes:			
Date and Time	Note		
11/10/2016 8:52 Used Battery: 2% Used Memory: 3% User Name: Skuiper			
11/10/2016 11:02 Log Download - Used Battery: 2% Used Memory: 3% User Name: Skuiper Interval - Start Time: 11/10/2016 10:00:00 AM Stop Time: 11/10/2016 11:45:00 AM			
11/17/2016 8:37 Log Download - Used Battery: 2% Used Memory: 3% User Name: Skuiper Interval - Start Time: 11/9/2016 10:00:00 PM Stop Time: 11/17/2016 9:30:00 AM			
11/24/2016 16:02 Log Download - Used Battery: 3% Used Memory: 4% User Name: Skuiper Interval - Start Time: 11/15/2016 10:00:00 PM Stop Time: 11/24/2016 4:00:00 PM			
12/1/2016 12:18 Log Download - Used Battery: 3% Used Memory: 4% User Name: Skuiper Interval - Start Time: 10/31/2016 10:00:00 AM Stop Time: 12/1/2016 1:15:00 PM			
12/8/2016 12:36 Log Download - Used Battery: 3% Used Memory: 6% User Name: Skuiper Interval - Start Time: 11/30/2016 10:00:00 PM Stop Time: 12/8/2016 12:30:00 PM			
12/15/2016 10:45 Log Download - Used Battery: 4% Used Memory: 6% User Name: Skuiper Interval - Start Time: 12/7/2016 10:00:00 PM Stop Time: 12/15/2016 10:45:00 AM			
12/22/2016 19:38 Log Download - Used Battery: 4% Used Memory: 7% User Name: ANorris Interval - Start Time: 12/14/2016 10:00:00 PM Stop Time: 12/22/2016 8:30:00 PM			
1/5/2017 15:38 Log Download - Used Battery: 5% Used Memory: 9% User Name: Skuiper Interval - Start Time: 11/30/2016 10:00:00 PM Stop Time: 1/5/2017 3:30:00 PM			
1/12/2017 9:06 Log Download - Used Battery: 5% Used Memory: 9% User Name: Skuiper Interval - Start Time: 1/4/2017 10:00:00 PM Stop Time: 1/12/2017 9:45:00 AM			
1/19/2017 8:30 Log Download - Used Battery: 5% Used Memory: 10% User Name: EHernandez Interval - Start Time: 1/11/2017 10:00:00 PM Stop Time: 1/19/2017 9:15:00 AM			
1/26/2017 13:43 Log Download - Used Battery: 6% Used Memory: 10% User Name: Skuiper Interval - Start Time: 1/18/2017 10:00:00 PM Stop Time: 1/26/2017 2:30:00 PM			
2/2/2017 8:15 Log Download - Used Battery: 6% Used Memory: 12% User Name: WMassoll Interval - Start Time: 12/31/2016 10:00:00 PM Stop Time: 2/2/2017 8:15:00 AM			
2/9/2017 10:32 Log Download - Used Battery: 7% Used Memory: 12% User Name: EHernandez Interval - Start Time: 2/1/2017 12:00:00 AM Stop Time: 2/9/2017 10:30:00 AM			
2/16/2017 14:14 Log Download - Used Battery: 7% Used Memory: 14% User Name: WMassoll Interval - Start Time: 2/8/2017 10:00:00 PM Stop Time: 2/16/2017 3:00:00 PM			
2/23/2017 7:43 Log Download - Used Battery: 7% Used Memory: 14% User Name: EHernandez Interval - Start Time: 2/15/2017 12:00:00 AM Stop Time: 2/23/2017 8:30:00 AM			
3/2/2017 10:50 Log Download - Used Battery: 8% Used Memory: 15% User Name: Skuiper Interval - Start Time: 1/31/2017 10:00:00 PM Stop Time: 3/2/2017 11:45:00 AM			
3/9/2017 16:30 Log Download - Used Battery: 8% Used Memory: 15% User Name: WMassoll Interval - Start Time: 3/1/2017 11:30:00 PM Stop Time: 3/9/2017 5:30:00 PM			
3/16/2017 17:38 Log Download - Used Battery: 8% Used Memory: 17% User Name: WMassoll Interval - Start Time: 3/8/2017 10:00:00 PM Stop Time: 3/16/2017 6:30:00 PM			
3/23/2017 10:21 Log Download - Used Battery: 9% Used Memory: 17% User Name: AVanHaitsma Interval - Start Time: 3/15/2017 10:00:00 PM Stop Time: 3/23/2017 11:15:00 AM			
3/30/2017 8:08 Log Download - Used Battery: 9% Used Memory: 18% User Name: AVanHaitsma Interval - Start Time: 3/22/2017 10:00:00 PM Stop Time: 3/30/2017 8:00:00 AM			
4/6/2017 15:36 Log Download - Used Battery: 9% Used Memory: 20% User Name: WMassoll Interval - Start Time: 2/28/2017 12:00:00 PM Stop Time: 4/6/2017 4:30:00 PM			
4/13/2017 14:48 Log Download - Used Battery: 10% Used Memory: 20% User Name: Skuiper Interval - Start Time: 4/5/2017 10:00:00 PM Stop Time: 4/13/2017 2:45:00 PM			
4/20/2017 8:12 Log Download - Used Battery: 10% Used Memory: 21% User Name: AVanHaitsma Interval - Start Time: 4/12/2017 10:00:00 PM Stop Time: 4/20/2017 9:00:00 AM			
4/27/2017 14:18 Log Download - Used Battery: 11% Used Memory: 21% User Name: WMassoll Interval - Start Time: 4/19/2017 10:00:00 PM Stop Time: 4/27/2017 3:15:00 PM			
5/4/2017 8:09 Log Download - Used Battery: 11% Used Memory: 23% User Name: AVanHaitsma Interval - Start Time: 3/31/2017 10:00:00 PM Stop Time: 5/4/2017 9:00:00 AM			
5/11/2017 8:21 Log Download - Used Battery: 11% Used Memory: 23% User Name: AVanHaitsma Interval - Start Time: 5/3/2017 10:00:00 PM Stop Time: 5/11/2017 8:15:00 AM			
5/18/2017 8:25 Log Download - Used Battery: 12% Used Memory: 25% User Name: WMassoll Interval - Start Time: 5/10/2017 10:00:00 PM Stop Time: 5/18/2017 9:15:00 AM			
5/19/2017 8:52 User Note: "Pressure & Level adjusted by baro data from: "MPWSP Barotroll_2017-05-18_18-53-25-090.wsl""			

Log Data:			
Record Count	714		

Sensors	2
	1
	469248 PCTD 100 PSIA (60.1m/197.3ft)
	2
	0 Baro-Adjustment Calc

Time Zone: Pacific Daylight Time			
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Date and Time	Elapsed Time Seconds	Sensor: PCTD(A) 197.3ft SNR: 469248 Corrected Pressure (PSI)	Sensor: PCTD(A) 197.3ft SNR: 469248 Temperature (C)	Sensor: PCTD(A) 197.3ft SNR: 469248 Depth (ft)	Sensor: PCTD(A) 197.3ft SNR: 469248 Actual Conductivity (µS)	Sensor: PCTD(A) 197.3ft SNR: 469248 Specific Conductivity (µS)	Sensor: PCTD(A) 197.3ft SNR: 469248 Salinity (PSU)	Sensor: PCTD(A) 197.3ft SNR: 469248 Total Dissolved Solids (ppt)	Sensor: PCTD(A) 197.3ft SNR: 469248 Resistivity (ohm-cm)	Sensor: PCTD(A) 197.3ft SNR: 469248 Water Density (g/cm3)	Sensor: PCTD(A) 197.3ft SNR: 469248 Barometric Pressure (PSI)
5/11/2017 0:00	7200	68.385	15.666	154.045	42175.047	51325.406	33.792	34.901	23.711	1.025	14.804
5/11/2017 0:15	8100	68.389	15.665	154.054	42202.027	51359.504	33.817	34.924	23.696	1.025	14.8
5/11/2017 0:30	9000	68.386	15.665	154.047	42192.184	51347.844	33.808	34.917	23.701	1.025	14.805
5/11/2017 0:45	9900	68.385	15.664	154.044	42179.477	51332.789	33.797	34.906	23.708	1.025	14.808
5/11/2017 1:00	10800	68.391	15.664	154.057	42182.91	51337.09	33.8	34.909	23.706	1.025	14.804
5/11/2017 1:15	11700	68.385	15.663	154.044	42168.094	51320.313	33.788	34.898	23.715	1.025	14.806
5/11/2017 1:30	12600	68.385	15.663	154.044	42207.961	51369.469	33.824	34.931	23.692	1.025	14.803
5/11/2017 1:45	13500	68.384	15.663	154.041	42197.082	51356.227	33.814	34.922	23.698	1.025	14.802
5/11/2017 2:00	14400	68.374	15.661	154.02	42205.535	51367.781	33.823	34.93	23.694	1.025	14.803
5/11/2017 2:15	15300	68.373	15.663	154.018	42189.176	51346.289	33.807	34.915	23.703	1.025	14.797
5/11/2017 2:30	16200	68.366	15.662	154.002	42208.262	51370.672	33.825	34.932	23.692	1.025	14.8
5/11/2017 2:45	17100	68.353	15.662	153.977	42181.469	51337.855	33.806	34.91	23.707	1.025	14.804
5/11/2017 3:00	18000	68.346	15.661	153.955	42208.262	51371.621	33.826	34.933	23.692	1.025	14.801
5/11/2017 3:15	18900	68.338	15.662	153.938	42217.336	51381.508	33.833	34.939	23.687	1.025	14.802
5/11/2017 3:30	19800	68.337	15.662	153.936	42176.656	51331.672	33.796	34.906	23.71	1.025	14.799
5/11/2017 3:45	20700	68.324	15.662	153.906	42191.539	51350.438	33.81	34.918	23.701	1.025	14.803
5/11/2017 4:00	21600	68.315	15.662	153.887	42225.191	51391.277	33.84	34.946	23.683	1.025	14.802
5/11/2017 4:15	22500	68.305	15.662	153.859	42199.055	51338.253	33.816	34.91	23.701	1.025	14.801
5/11/2017 4:30	23400	68.291	15.663	153.833	42212.762	51374.895	33.828	34.935	23.69	1.025	14.807
5/11/2017 4:45	24300	68.285	15.664	153.819	42176.047	51329.473	33.795	34.904	23.71	1.025	14.805
5/11/2017 5:00	25200	68.278	15.662	153.803	42191.98	51350.121	33.81	34.918	23.701	1.025	14.802
5/11/2017 5:15	26100	68.27	15.664	153.784	42158.809	51308.387	33.779	34.89	23.72	1.025	14.8
5/11/2017 5:30	27000	68.259	15.664	153.76	42208.348	51368.465	33.823	34.931	23.692	1.025	14.805
5/11/2017 5:45	27900	68.254	15.664	153.749	42210.84	51371.188	33.826	34.932	23.686	1.025	14.802
5/11/2017 6:00	28800	68.238	15.664	153.713	42186.902	51341.52	33.804	34.912	23.704	1.025	

5/12/2017 2:30	102600	68.373	15.666	154.017	42205.535	51362.82	33.819	34.927	23.694	1.025	14.802
5/12/2017 2:45	103500	68.371	15.666	154.013	42191.125	51344.344	33.806	34.914	23.702	1.025	14.803
5/12/2017 3:00	104400	68.36	15.667	153.987	42199.137	51353.992	33.813	34.921	23.697	1.025	14.807
5/12/2017 3:15	105300	68.345	15.666	153.954	42223.078	51383.34	33.835	34.941	23.684	1.025	14.81
5/12/2017 3:30	106200	68.353	15.666	153.972	42209.855	51367.246	33.823	34.93	23.691	1.025	14.797
5/12/2017 3:45	107100	68.345	15.666	153.953	42232.348	51395.099	33.843	34.949	23.679	1.025	14.801
5/12/2017 4:00	108000	68.327	15.666	153.912	42230.449	51392.399	33.841	34.947	23.68	1.025	14.806
5/12/2017 4:15	108900	68.325	15.667	153.908	42211.207	51368.582	33.824	34.931	23.69	1.025	14.802
5/12/2017 4:30	109800	68.304	15.666	153.862	42195.191	51349.402	33.81	34.918	23.699	1.025	14.811
5/12/2017 4:45	110700	68.295	15.667	153.841	42199.379	51354.188	33.813	34.921	23.697	1.025	14.809
5/12/2017 5:00	111600	68.286	15.667	153.82	42204.75	51360.824	33.818	34.925	23.694	1.025	14.806
5/12/2017 5:15	112500	68.28	15.668	153.808	42181.895	51331.746	33.797	34.906	23.707	1.025	14.81
5/12/2017 5:30	113400	68.272	15.667	153.789	42203.813	51358.537	33.817	34.924	23.695	1.025	14.812
5/12/2017 5:45	114300	68.263	15.668	153.769	42186.422	51336.309	33.8	34.909	23.704	1.025	14.811
5/12/2017 6:00	115200	68.252	15.667	153.745	42199.879	51353.852	33.813	34.921	23.697	1.025	14.81
5/12/2017 6:15	116100	68.24	15.668	153.717	42227	51385.578	33.836	34.942	23.682	1.025	14.817
5/12/2017 6:30	117000	68.233	15.669	153.702	42214.289	51369.16	33.824	34.931	23.689	1.025	14.814
5/12/2017 6:45	117900	68.219	15.669	153.671	42234.367	51393.484	33.842	34.948	23.677	1.025	14.817
5/12/2017 7:00	118800	68.215	15.67	153.664	42230.309	51387.172	33.838	34.943	23.68	1.025	14.817
5/12/2017 7:15	119700	68.21	15.67	153.65	42210.738	51364.004	33.821	34.928	23.691	1.025	14.815
5/12/2017 7:30	120600	68.201	15.67	153.629	42225.32	51381.32	33.833	34.939	23.682	1.025	14.818
5/12/2017 7:45	121500	68.195	15.672	153.617	42229.168	51384.105	33.836	34.941	23.68	1.025	14.818
5/12/2017 8:00	122400	68.186	15.673	153.596	42206.883	51355.934	33.815	34.922	23.693	1.025	14.819
5/12/2017 8:15	123300	68.185	15.673	153.593	42205.984	51355.16	33.814	34.922	23.693	1.025	14.815
5/12/2017 8:30	124200	68.18	15.673	153.582	42218.094	51369.793	33.825	34.931	23.687	1.025	14.82
5/12/2017 8:45	125100	68.18	15.673	153.582	42198.816	51345.492	33.807	34.915	23.697	1.025	14.815
5/12/2017 9:00	126000	68.175	15.674	153.57	42213.367	51362.141	33.82	34.926	23.689	1.025	14.818
5/12/2017 9:15	126900	68.18	15.674	153.581	42231.691	51384.113	33.836	34.941	23.679	1.025	14.813
5/12/2017 9:30	127800	68.174	15.674	153.569	42182.82	51325.18	33.792	34.901	23.706	1.025	14.818
5/12/2017 9:45	128700	68.179	15.676	153.581	42198.883	51342.633	33.805	34.913	23.697	1.025	14.812
5/12/2017 10:00	129600	68.177	15.675	153.575	42201.996	51345.563	33.808	34.915	23.696	1.025	14.815
5/12/2017 10:15	130500	68.175	15.676	153.571	42227.805	51377.391	33.831	34.937	23.681	1.025	14.816
5/12/2017 10:30	131400	68.18	15.676	153.583	42185.465	51325.77	33.793	34.902	23.705	1.025	14.815
5/12/2017 10:45	132300	68.181	15.677	153.584	42210.785	51355.211	33.815	34.922	23.691	1.025	14.816
5/12/2017 11:00	133200	68.182	15.677	153.586	42216.379	51362.234	33.82	34.926	23.687	1.025	14.817
5/12/2017 11:15	134100	68.186	15.678	153.595	42221.453	51367.25	33.824	34.93	23.685	1.025	14.812
5/12/2017 11:30	135000	68.187	15.678	153.598	42200.535	51342.108	33.813	34.913	23.696	1.025	14.815
5/12/2017 11:45	135900	68.192	15.678	153.609	42227.285	51374.344	33.829	34.935	23.681	1.025	14.812
5/12/2017 12:00	136800	68.199	15.678	153.624	42214.996	51359.695	33.818	34.925	23.688	1.025	14.808
5/12/2017 12:15	137700	68.191	15.678	153.608	42214.977	51359.781	33.818	34.925	23.688	1.025	14.811
5/12/2017 12:30	138600	68.2	15.679	153.626	42229.762	51376.93	33.831	34.936	23.68	1.025	14.805
5/12/2017 12:45	139500	68.2	15.679	153.627	42207.254	51349.34	33.811	34.918	23.693	1.025	14.803
5/12/2017 13:00	140400	68.205	15.68	153.617	42193.441	51331.477	33.797	34.905	23.7	1.025	14.805
5/12/2017 13:15	141300	68.203	15.679	153.634	42216.844	51360.059	33.819	34.925	23.687	1.025	14.803
5/12/2017 13:30	142200	68.204	15.679	153.637	42185.504	51322.758	33.791	34.899	23.705	1.025	14.8
5/12/2017 13:45	143100	68.204	15.679	153.636	42192.523	51330.578	33.797	34.905	23.701	1.025	14.802
5/12/2017 14:00	144000	68.207	15.679	153.643	42228.957	51375.422	33.83	34.935	23.68	1.025	14.798
5/12/2017 14:15	144900	68.208	15.679	153.645	42229.258	51375.48	33.83	34.935	23.68	1.025	14.796
5/12/2017 14:30	145800	68.203	15.679	153.634	42205.322	51367.208	33.809	34.916	23.694	1.025	14.798
5/12/2017 14:45	146700	68.213	15.679	153.657	42201.074	51341.703	33.805	34.912	23.696	1.025	14.788
5/12/2017 15:00	147600	68.202	15.679	153.631	42221.457	51365.781	33.823	34.929	23.685	1.025	14.794
5/12/2017 15:15	148500	68.198	15.68	153.623	42256.398	51407.973	33.854	34.957	23.665	1.025	14.789
5/12/2017 15:30	149400	68.201	15.679	153.629	42209.867	51351.781	33.812	34.919	23.691	1.025	14.783
5/12/2017 15:45	150300	68.199	15.679	153.625	42199.996	51340.719	33.804	34.912	23.697	1.025	14.784
5/12/2017 16:00	151200	68.2	15.68	153.627	42247.578	51397.129	33.846	34.95	23.67	1.025	14.777
5/12/2017 16:15	152100	68.19	15.679	153.604	42201.016	51340.91	33.804	34.912	23.696	1.025	14.786
5/12/2017 16:30	153000	68.2	15.679	153.626	42220.605	51365.789	33.823	34.929	23.685	1.025	14.774
5/12/2017 16:45	153900	68.191	15.68	153.607	42221.805	51365.668	33.823	34.929	23.684	1.025	14.779
5/12/2017 17:00	154800	68.19	15.679	153.605	42192.445	51330.691	33.797	34.905	23.701	1.025	14.784
5/12/2017 17:15	155700	68.191	15.678	153.606	42213.727	51357.523	33.817	34.923	23.689	1.025	14.781
5/12/2017 17:30	156600	68.187	15.679	153.597	42232.039	51378.652	33.832	34.937	23.679	1.025	14.782
5/12/2017 17:45	157500	68.194	15.679	153.614	42205.617	51347.024	33.809	34.916	23.694	1.025	14.784
5/12/2017 18:00	158400	68.209	15.68	153.648	42213.758	51356.098	33.816	34.922	23.689	1.025	14.78
5/12/2017 18:15	159300	68.187	15.679	153.599	42236.492	51384.379	33.836	34.941	23.676	1.025	14.779
5/12/2017 18:30	160200	68.187	15.68	153.597	42225.906	51370.656	33.826	34.932	23.682	1.025	14.781
5/12/2017 18:45	161100	68.191	15.68	153.607	42205.297	51345.691	33.808	34.915	23.694	1.025	14.779
5/12/2017 19:00	162000	68.188	15.679	153.599	42226.906	51373.129	33.828	34.934	23.682	1.025	14.775
5/12/2017 19:15	162900	68.199	15.682	153.624	42206.957	51335.154	33.801	34.908	23.698	1.025	14.78
5/12/2017 19:30	163800	68.202	15.68	153.631	42164.09	51295.453	33.771	34.881	23.717	1.025	14.777
5/12/2017 19:45	164700	68.2	15.679	153.627	42199.035	51338.395	33.803	34.91	23.697	1.025	14.787
5/12/2017 20:00	165600	68.203	15.68	153.634	42218.969	51362.215	33.82	34.926	23.686	1.025	14.78
5/12/2017 20:15	166500	68.219	15.681	153.669	42211.348	51352.008	33.813	34.919	23.69	1.025	14.775
5/12/2017 20:30	167400	68.217	15.679	153.665	42196.641	51335.797	33.801	34.908	23.699	1.025	14.781
5/12/2017 20:45	168300	68.227	15.68	153.687	42212.965	51351.133	33.815	34.921	23.689	1.025	14.782
5/12/2017 21:00	169200	68.235	15.679	153.706	42206.668	51347.68	33.809	34.916	23.693	1.025	14.785
5/12/2017 21:15	170100	68.246	15.68	153.731	42241.309	51389.504	33.84	34.945	23.674	1.025	14.781
5/12/2017 21:30	171000	68.266	15.68	153.775	42210.242	51351.918	33.813	34.919	23.691	1.025	14.79
5/12/2017 21:45	171900	68.253	15.678	153.747	42217.961	51363.102	33.821	34.927	23.687	1.025	14.795
5/12/2017 22:00	172800	68.262	15.679	153.767	42219.105	51363.543	33.821	34.927	23.686	1.025	14.791
5/12/2017 22:15	173700	68.281	15.679	153.81	42203.926	51349.469	33.807	34.915	23.694	1.025	14.795
5/12/2017 22:30	174600	68.287	15.679	153.822	42227.773	51373.465	33.828	34.934	23.681	1.025	14.796
5/12/2017 22:45	175500	68.295	15.679	153.842	42245.848	51396.172	33.845	34.949	23.671	1.025	14.794
5/12/2017 23:00	176400	68.302	15.678	153.857	42207.199	51350.109	33.				

5/14/2017 7:15	292500	68.219	15.675	153.671	42227.043	51378.047	33.831	34.937	23.682	1.025	14.708
5/14/2017 7:30	293400	68.209	15.675	153.647	42198.91	51343.176	33.806	34.913	23.697	1.025	14.715
5/14/2017 7:45	294300	68.201	15.676	153.628	42224.316	51373.578	33.828	34.934	23.683	1.025	14.712
5/14/2017 8:00	295200	68.194	15.676	153.614	42206.348	51351.395	33.812	34.919	23.693	1.025	14.711
5/14/2017 8:15	296100	68.182	15.676	153.587	42208.418	51353.914	33.814	34.921	23.692	1.025	14.718
5/14/2017 8:30	297000	68.183	15.677	153.589	42225.281	51372.488	33.828	34.934	23.682	1.025	14.712
5/14/2017 8:45	297900	68.189	15.678	153.557	42160.18	51362.25	33.825	34.926	23.687	1.025	14.717
5/14/2017 9:00	298800	68.173	15.677	153.567	42224.246	51371.902	33.827	34.933	23.683	1.025	14.713
5/14/2017 9:15	299700	68.161	15.678	153.54	42227.605	51374.734	33.829	34.935	23.681	1.025	14.717
5/14/2017 9:30	300600	68.156	15.678	153.529	42231.68	51380.102	33.833	34.938	23.679	1.025	14.719
5/14/2017 9:45	301500	68.157	15.678	153.531	42195.891	51336.152	33.801	34.909	23.699	1.025	14.719
5/14/2017 10:00	302400	68.152	15.679	153.519	42204.055	51344.318	33.807	34.915	23.694	1.025	14.718
5/14/2017 10:15	303300	68.156	15.679	153.528	4218.279	51361.768	33.82	34.926	23.686	1.025	14.713
5/14/2017 10:30	304200	68.157	15.68	153.53	42229.316	51374.695	33.829	34.935	23.68	1.025	14.709
5/14/2017 10:45	305100	68.15	15.68	153.514	42224.73	51369.336	33.825	34.931	23.683	1.025	14.717
5/14/2017 11:00	306000	68.139	15.68	153.489	42200	51338.93	33.803	34.91	23.697	1.025	14.723
5/14/2017 11:15	306900	68.15	15.68	153.514	42203.184	51342.906	33.806	34.913	23.695	1.025	14.716
5/14/2017 11:30	307800	68.153	15.681	153.522	42209.816	51349.516	33.811	34.918	23.691	1.025	14.714
5/14/2017 11:45	308700	68.159	15.682	153.535	42194.983	51330.711	33.797	34.905	23.7	1.025	14.715
5/14/2017 12:00	309600	68.157	15.682	153.531	42236.258	51380.625	33.834	34.939	23.676	1.025	14.719
5/14/2017 12:15	310500	68.158	15.682	153.533	42242.117	51387.215	33.839	34.943	23.673	1.025	14.721
5/14/2017 12:30	311400	68.157	15.682	153.529	42195.922	51331.129	33.797	34.905	23.699	1.025	14.723
5/14/2017 12:45	312300	68.159	15.683	153.534	42219.434	51359.41	33.818	34.924	23.686	1.025	14.726
5/14/2017 13:00	313200	68.161	15.683	153.539	42216.41	51355.734	33.816	34.922	23.687	1.025	14.725
5/14/2017 13:15	314100	68.166	15.684	153.552	42225.488	51365.613	33.823	34.929	23.682	1.025	14.722
5/14/2017 13:30	315000	68.161	15.684	153.54	42258.902	51406.371	33.853	34.956	23.664	1.025	14.722
5/14/2017 13:45	315900	68.162	15.684	153.542	42193.586	51326.605	33.794	34.902	23.7	1.025	14.728
5/14/2017 14:00	316800	68.175	15.684	153.571	42199.027	51332.906	33.799	34.906	23.697	1.025	14.724
5/14/2017 14:15	317700	68.174	15.684	153.568	42188.238	51319.781	33.789	34.897	23.703	1.025	14.723
5/14/2017 14:30	318600	68.167	15.684	153.552	42218.023	51356.133	33.816	34.922	23.687	1.025	14.726
5/14/2017 14:45	319500	68.172	15.684	153.564	42211.434	51348.215	33.81	34.917	23.69	1.025	14.721
5/14/2017 15:00	320400	68.172	15.684	153.565	42197.473	51331.133	33.798	34.905	23.698	1.025	14.718
5/14/2017 15:15	321300	68.175	15.684	153.572	42240.379	51383.008	33.836	34.94	23.674	1.025	14.713
5/14/2017 15:30	322200	68.174	15.684	153.569	42213.465	51350.883	33.812	34.919	23.689	1.025	14.715
5/14/2017 15:45	323100	68.169	15.684	153.557	42185.992	51316.949	33.787	34.896	23.705	1.025	14.716
5/14/2017 16:00	324000	68.172	15.683	153.564	42226.848	51368.121	33.825	34.93	23.682	1.025	14.714
5/14/2017 16:15	324900	68.171	15.684	153.556	42197.074	51333.51	33.797	34.905	23.698	1.025	14.721
5/14/2017 16:30	325800	68.166	15.684	153.551	42212.496	51349.609	33.811	34.918	23.69	1.025	14.711
5/14/2017 16:45	326700	68.174	15.684	153.569	42198.371	51332.227	33.798	34.906	23.698	1.025	14.703
5/14/2017 17:00	327600	68.17	15.683	153.56	42182.066	51313.016	33.784	34.893	23.707	1.025	14.707
5/14/2017 17:15	328500	68.172	15.684	153.564	42181.672	51311.793	33.783	34.892	23.707	1.025	14.706
5/14/2017 17:30	329400	68.171	15.684	153.562	42204.77	51340.109	33.804	34.911	23.694	1.025	14.705
5/14/2017 17:45	330300	68.149	15.685	153.557	42210.672	51346.447	33.809	34.916	23.689	1.025	14.706
5/14/2017 18:00	331200	68.156	15.684	153.528	42242.582	51385.688	33.838	34.942	23.673	1.025	14.71
5/14/2017 18:15	332100	68.157	15.684	153.53	42185.914	51317.371	33.787	34.896	23.705	1.025	14.71
5/14/2017 18:30	333000	68.157	15.684	153.531	42216.66	51354.574	33.815	34.921	23.687	1.025	14.707
5/14/2017 18:45	333900	68.154	15.684	153.524	42239.047	51381.906	33.835	34.94	23.675	1.025	14.708
5/14/2017 19:00	334800	68.161	15.684	153.539	42218.531	51356.75	33.816	34.923	23.686	1.025	14.702
5/14/2017 19:15	335700	68.159	15.685	153.535	42206.148	51363.395	33.807	34.914	23.692	1.025	14.702
5/14/2017 19:30	336600	68.154	15.685	153.525	42198.074	51331.117	33.798	34.905	23.698	1.025	14.705
5/14/2017 19:45	337500	68.154	15.684	153.523	42219.816	51357.887	33.817	34.923	23.686	1.025	14.701
5/14/2017 20:00	338400	68.16	15.685	153.538	42214.41	51350.879	33.812	34.919	23.689	1.025	14.701
5/14/2017 20:15	339300	68.161	15.684	153.54	42202.684	51337.043	33.802	34.909	23.695	1.025	14.698
5/14/2017 20:30	340200	68.156	15.684	153.529	42196.801	51330.316	33.797	34.905	23.698	1.025	14.704
5/14/2017 20:45	341100	68.164	15.685	153.545	42237.453	51378.281	33.832	34.937	23.676	1.025	14.699
5/14/2017 21:00	342000	68.163	15.685	153.542	42222.34	51360.207	33.819	34.925	23.684	1.025	14.697
5/14/2017 21:15	342900	68.167	15.685	153.554	42217.121	51353.352	33.814	34.92	23.687	1.025	14.7
5/14/2017 21:30	343800	68.172	15.685	153.565	42170.531	51297.504	33.773	34.882	23.713	1.025	14.694
5/14/2017 21:45	344700	68.18	15.685	153.581	42206.313	51340.613	33.805	34.912	23.693	1.025	14.693
5/14/2017 22:00	345600	68.172	15.685	153.564	42216.234	51353.098	33.814	34.92	23.688	1.025	14.704
5/14/2017 22:15	346500	68.182	15.685	153.587	42208.867	51344.246	33.807	34.914	23.692	1.025	14.704
5/14/2017 22:30	347400	68.184	15.684	153.625	42217.637	51355.863	33.816	34.922	23.687	1.025	14.701
5/14/2017 22:45	348300	68.195	15.685	153.616	42194.828	51327.168	33.795	34.902	23.7	1.025	14.697
5/14/2017 23:00	349200	68.194	15.684	153.614	42214.813	51352.328	33.813	34.92	23.688	1.025	14.7
5/14/2017 23:15	350100	68.203	15.684	153.635	42233.656	51374.93	33.83	34.935	23.678	1.025	14.696
5/14/2017 23:30	351000	68.205	15.684	153.638	42203.883	51338.609	33.803	34.91	23.695	1.025	14.699
5/14/2017 23:45	351900	68.21	15.684	153.649	42237.781	51380.266	33.834	34.939	23.675	1.025	14.696
5/15/2017 0:00	352800	68.206	15.684	153.646	42192.5	51325.546	33.819	34.904	23.701	1.025	14.692
5/15/2017 0:15	353700	68.22	15.683	153.673	42207.516	51344.078	33.807	34.914	23.692	1.025	14.692
5/15/2017 0:30	354600	68.223	15.683	153.68	42193.422	51327.359	33.795	34.903	23.7	1.025	14.699
5/15/2017 0:45	355500	68.229	15.683	153.691	42217.758	51357.371	33.817	34.923	23.687	1.025	14.697
5/15/2017 1:00	356400	68.23	15.683	153.696	42195.352	51329.707	33.796	34.904	23.699	1.025	14.696
5/15/2017 1:15	357300	68.238	15.684	153.713	42217.953	51356.246	33.816	34.922	23.687	1.025	14.695
5/15/2017 1:30	358200	68.235	15.682	153.706	42196.738	51333.18	33.819	34.907	23.699	1.025	14.697
5/15/2017 1:45	359100	68.246	15.682	153.731	42214.848	51335	33.815	34.921	23.688	1.025	14.691
5/15/2017 2:00	360000	68.246	15.682	153.732	42218.059	51358.996	33.818	34.924	23.687	1.025	14.69
5/15/2017 2:15	360900	68.248	15.682	153.734	42199.867	51336.988	33.802	34.909	23.697	1.025	14.69
5/15/2017 2:30	361800	68.244	15.681	153.727	42226.32	51369.793	33.826	34.931	23.682	1.025	14.691
5/15/2017 2:45	362700	68.247	15.681	153.733	42187.563	51322.754	33.791	34.899	23.704	1.025	14.686
5/15/2017 3:00	363600	68.241	15.681	153.72	42216.77	51358.022	33.818	34.924	23.687	1.025	14.687
5/15/2017 3:15	364500	68.242	15.68	153.721	42181.766	51316.328	33.786	34.895	23.707	1.025	14.688
5/15/2017 3:30	365400	68.235	15.68	153.706	42223.555	51367.688	33.824	34.93	23.683	1.025	14.69
5/15/2017 3:45	366300	68.237	15.68	153.71	42206.625	51346					

5/16/2017 12:00	482400	67.993	15.7	153.161	42228.23	51349.484	33.812	34.918	23.681	1.025	14.776
5/16/2017 12:15	483300	67.997	15.7	153.169	42217.457	51336.598	33.803	34.909	23.687	1.025	14.771
5/16/2017 12:30	484200	67.992	15.7	153.159	42214.129	51332.766	33.8	34.906	23.689	1.025	14.78
5/16/2017 12:45	485100	67.989	15.701	153.153	42228.789	51348.691	33.812	34.917	23.681	1.025	14.78
5/16/2017 13:00	486000	67.993	15.702	153.16	42218.582	51335.543	33.802	34.908	23.686	1.025	14.78
5/16/2017 13:15	486900	67.995	15.702	153.164	42217.914	51334.313	33.801	34.907	23.687	1.025	14.783
5/16/2017 13:30	487800	68.002	15.703	153.182	42213.277	51329.414	33.798	34.904	23.689	1.025	14.778
5/16/2017 13:45	488700	68.016	15.703	153.212	42216.207	51331.703	33.799	34.906	23.688	1.025	14.784
5/16/2017 14:00	489600	68.004	15.703	153.185	42214.23	51328.469	33.797	34.903	23.689	1.025	14.784
5/16/2017 14:15	490500	68.002	15.704	153.181	42221.828	51337.391	33.804	34.909	23.684	1.025	14.785
5/16/2017 14:30	491400	68.005	15.704	153.189	42196.016	51306.008	33.781	34.888	23.699	1.025	14.784
5/16/2017 14:45	492300	68.029	15.704	153.242	42233.637	51360.813	33.814	34.919	23.678	1.025	14.784
5/16/2017 15:00	493200	68.015	15.704	153.211	42196.492	51306.473	33.781	34.888	23.699	1.025	14.784
5/16/2017 15:15	494100	68.022	15.705	153.226	42200.008	51309.277	33.783	34.89	23.697	1.025	14.781
5/16/2017 15:30	495000	68.02	15.704	153.222	42219.113	51333.461	33.801	34.907	23.686	1.025	14.782
5/16/2017 15:45	495900	68.018	15.703	153.217	42191.898	51301.316	33.777	34.885	23.701	1.025	14.786
5/16/2017 16:00	496800	68.031	15.705	153.246	42232.805	51348.742	33.812	34.917	23.678	1.025	14.777
5/16/2017 16:15	497700	68.033	15.705	153.25	42238.188	51356.125	33.818	34.922	23.675	1.025	14.78
5/16/2017 16:30	498600	68.035	15.704	153.255	42240.023	51358.777	33.819	34.924	23.674	1.025	14.775
5/16/2017 16:45	499500	68.03	15.705	153.243	42204.676	51314.852	33.787	34.894	23.694	1.025	14.776
5/16/2017 17:00	500400	68.04	15.705	153.266	42231.957	51347.715	33.811	34.916	23.679	1.025	14.774
5/16/2017 17:15	501300	68.056	15.705	153.303	42191.531	51299.297	33.776	34.884	23.701	1.025	14.778
5/16/2017 17:30	502200	68.049	15.705	153.288	42187.449	51294.227	33.772	34.88	23.704	1.025	14.774
5/16/2017 17:45	503100	68.04	15.706	153.266	42216.266	51327.684	33.797	34.903	23.688	1.025	14.78
5/16/2017 18:00	504000	68.04	15.705	153.267	42255.465	51376.496	33.833	34.936	23.666	1.025	14.782
5/16/2017 18:15	504900	68.046	15.706	153.281	42207.703	51317.797	33.789	34.896	23.692	1.025	14.776
5/16/2017 18:30	505800	68.042	15.705	153.271	42193.594	51301.699	33.778	34.885	23.7	1.025	14.779
5/16/2017 18:45	506700	68.053	15.705	153.296	42229.023	51344.234	33.809	34.914	23.68	1.025	14.77
5/16/2017 19:00	507600	68.051	15.704	153.292	42214.996	51328.555	33.797	34.903	23.688	1.025	14.774
5/16/2017 19:15	508500	68.048	15.705	153.284	42206.691	51317.195	33.789	34.896	23.693	1.025	14.777
5/16/2017 19:30	509400	68.058	15.704	153.308	42183.688	51290.387	33.769	34.877	23.706	1.025	14.772
5/16/2017 19:45	510300	68.053	15.705	153.297	42228.559	51343.891	33.809	34.914	23.681	1.025	14.777
5/16/2017 20:00	511200	68.053	15.704	153.296	42211.434	51324.016	33.794	34.9	23.69	1.025	14.776
5/16/2017 20:15	512100	68.059	15.705	153.31	42174.152	51278.059	33.76	34.869	23.711	1.025	14.775
5/16/2017 20:30	513000	68.066	15.705	153.325	42196.234	51304.906	33.778	34.887	23.699	1.025	14.771
5/16/2017 20:45	513900	68.082	15.705	153.362	42205.918	51316.363	33.788	34.895	23.693	1.025	14.775
5/16/2017 21:00	514800	68.066	15.704	153.325	42191.5	51299.68	33.776	34.884	23.701	1.025	14.771
5/16/2017 21:15	515700	68.069	15.705	153.333	42213.133	51325.664	33.795	34.901	23.689	1.025	14.777
5/16/2017 21:30	516600	68.076	15.705	153.348	42234.516	51351.023	33.814	34.919	23.677	1.025	14.772
5/16/2017 21:45	517500	68.074	15.705	153.342	42200.059	51309.766	33.783	34.891	23.697	1.025	14.779
5/16/2017 22:00	518400	68.074	15.704	153.343	42250.449	51371.254	33.829	34.932	23.668	1.025	14.782
5/16/2017 22:15	519300	68.08	15.705	153.357	42187.934	51294.922	33.773	34.881	23.703	1.025	14.779
5/16/2017 22:30	520200	68.08	15.705	153.368	42221.238	51347.469	33.811	34.916	23.679	1.025	14.785
5/16/2017 22:45	521100	68.102	15.703	153.406	42213.406	51327.574	33.796	34.903	23.689	1.025	14.786
5/16/2017 23:00	522000	68.089	15.705	153.377	42216.754	51329.43	33.798	34.904	23.687	1.025	14.784
5/16/2017 23:15	522900	68.094	15.704	153.388	42230.617	51347.242	33.811	34.916	23.68	1.025	14.781
5/16/2017 23:30	523800	68.097	15.705	153.396	42241.32	51359.836	33.82	34.925	23.674	1.025	14.779
5/16/2017 23:45	524700	68.096	15.705	153.393	42185.441	51291.895	33.77	34.878	23.705	1.025	14.786
5/17/2017 0:00	525600	68.105	15.705	153.405	42182.283	51288.273	33.768	34.876	23.707	1.025	14.78
5/17/2017 0:15	526500	68.112	15.705	153.429	42191.359	51299.09	33.776	34.883	23.702	1.025	14.779
5/17/2017 0:30	527400	68.11	15.704	153.425	42210.117	51322.215	33.793	34.899	23.691	1.025	14.779
5/17/2017 0:45	528300	68.113	15.705	153.431	42201.293	51310.949	33.784	34.891	23.696	1.025	14.782
5/17/2017 1:00	529200	68.123	15.704	153.455	42198.418	51308.301	33.782	34.89	23.698	1.025	14.773
5/17/2017 1:15	530100	68.133	15.704	153.476	42215.465	51329.227	33.798	34.904	23.688	1.025	14.771
5/17/2017 1:30	531000	68.132	15.704	153.475	42239.773	51358.684	33.819	34.924	23.674	1.025	14.771
5/17/2017 1:45	531900	68.141	15.704	153.494	42238.574	51357.016	33.818	34.923	23.673	1.025	14.768
5/17/2017 2:00	532800	68.134	15.704	153.479	42240.523	51359.594	33.82	34.925	23.674	1.025	14.767
5/17/2017 2:15	533700	68.146	15.704	153.505	42180.469	51286.789	33.766	34.875	23.708	1.025	14.76
5/17/2017 2:30	534600	68.148	15.703	153.51	42197.438	51308.48	33.782	34.89	23.698	1.025	14.764
5/17/2017 2:45	535500	68.146	15.703	153.504	42191.977	51301.941	33.778	34.885	23.701	1.025	14.768
5/17/2017 3:00	536400	68.176	15.703	153.574	42220.629	51346.031	33.803	34.909	23.685	1.025	14.757
5/17/2017 3:15	537300	68.162	15.703	153.54	42227.391	51342.363	33.809	34.914	23.681	1.025	14.756
5/17/2017 3:30	538200	68.156	15.703	153.528	42207.859	51321.352	33.792	34.899	23.692	1.025	14.759
5/17/2017 3:45	539100	68.158	15.702	153.533	42219.121	51335.672	33.802	34.908	23.686	1.025	14.756
5/17/2017 4:00	540000	68.169	15.702	153.556	42201.445	51314.289	33.787	34.894	23.696	1.025	14.752
5/17/2017 4:15	540900	68.162	15.702	153.542	42197.367	51309.219	33.783	34.89	23.698	1.025	14.756
5/17/2017 4:30	541800	68.179	15.703	153.579	42241.285	51362.305	33.822	34.926	23.674	1.025	14.755
5/17/2017 4:45	542700	68.159	15.702	153.534	42225.336	51355.34	33.817	34.922	23.677	1.025	14.757
5/17/2017 5:00	543600	68.157	15.702	153.531	42211.566	51327.113	33.796	34.902	23.69	1.025	14.751
5/17/2017 5:15	544500	68.156	15.702	153.528	42215.555	51331.66	33.799	34.906	23.688	1.025	14.751
5/17/2017 5:30	545400	68.15	15.701	153.515	42203.125	51317.484	33.789	34.896	23.695	1.025	14.753
5/17/2017 5:45	546300	68.164	15.701	153.545	42202.559	51316.48	33.788	34.895	23.695	1.025	14.754
5/17/2017 6:00	547200	68.142	15.702	153.496	42229.355	51348.965	33.812	34.917	23.68	1.025	14.759
5/17/2017 6:15	548100	68.141	15.701	153.493	42196.074	51309.63	33.783	34.89	23.699	1.025	14.771
5/17/2017 6:30	549000	68.135	15.702	153.48	42238.602	51359.469	33.82	34.924	23.675	1.025	14.755
5/17/2017 6:45	549900	68.128	15.701	153.465	42224.555	51343.227	33.808	34.913	23.683	1.025	14.757
5/17/2017 7:00	550800	68.121	15.702	153.45	42221.188	51338.711	33.805	34.91	23.685	1.025	14.755
5/17/2017 7:15	551700	68.12	15.702	153.448	42194.008	51305.461	33.778	34.888	23.7	1.025	14.756
5/17/2017 7:30	552600	68.105	15.702	153.413	42248.52	51372.152	33.829	34.933	23.669	1.025	14.763
5/17/2017 7:45	553500	68.103	15.702	153.404	42222.406	51335.666	33.805	34.911	23.684	1.025	14.764
5/17/2017 8:00	554400	68.092	15.702	153.385	42211.254	51326.105	33.795	34.902	23.69	1.025	14.768
5/17/2017 8:15	555300	68.084	15.702	153.365	42211.617	51326.348	33.795	34.902	23.69	1.025	14.764
5/17/2017 8:30	556200	68.097	15.703	153.396	42189.613						

5/11/2017 10:00	43200	19.413	15.091	43.729	41546.883	51245.324	33.688	34846.82	24.069	1.025
5/11/2017 10:15	44100	19.412	15.09	43.727	41527.98	51223.508	33.671	34831.984	24.08	1.025
5/11/2017 10:30	45000	19.406	15.091	43.714	41523.105	51216.426	33.666	34827.172	24.083	1.025
5/11/2017 10:45	45900	19.4	15.091	43.7	41533.168	51228.84	33.675	34835.613	24.077	1.025
5/11/2017 11:00	46800	19.398	15.091	43.696	41537.762	51233.961	33.679	34839.098	24.074	1.025
5/11/2017 11:15	47700	19.396	15.091	43.693	41554.184	51254.855	33.695	34853.301	24.065	1.025
5/11/2017 11:30	48600	19.394	15.091	43.688	41565.699	51268.422	33.705	34862.531	24.058	1.025
5/11/2017 11:45	49500	19.389	15.092	43.676	41521.359	51212.984	33.664	34824.828	24.084	1.025
5/11/2017 12:00	50400	19.391	15.091	43.681	41552.324	51252.672	33.693	34851.816	24.066	1.025
5/11/2017 12:15	51300	19.388	15.092	43.673	41588.59	51295.586	33.725	34881	24.045	1.025
5/11/2017 12:30	52200	19.39	15.092	43.677	41547.664	51245.328	33.688	34846.824	24.069	1.025
5/11/2017 12:45	53100	19.389	15.091	43.675	41554.168	51254.199	33.694	34852.855	24.065	1.025
5/11/2017 13:00	54000	19.386	15.092	43.668	41506.031	51194.5	33.65	34812.262	24.093	1.025
5/11/2017 13:15	54900	19.386	15.092	43.668	41556.215	51256.086	33.696	34854.141	24.064	1.025
5/11/2017 13:30	55800	19.38	15.092	43.656	41581.016	51286.879	33.718	34875.082	24.049	1.025
5/11/2017 13:45	56700	19.388	15.093	43.673	41533.801	51226.828	33.674	34834.242	24.077	1.025
5/11/2017 14:00	57600	19.388	15.093	43.674	41532.559	51225.52	33.673	34833.359	24.077	1.025
5/11/2017 14:15	58500	19.39	15.093	43.678	41567.094	51268.648	33.705	34862.684	24.057	1.025
5/11/2017 14:30	59400	19.384	15.093	43.664	41561.043	51260.965	33.699	34857.461	24.061	1.025
5/11/2017 14:45	60300	19.39	15.093	43.677	41545.07	51241.594	33.685	34844.289	24.07	1.025
5/11/2017 15:00	61200	19.397	15.093	43.694	41585.813	51291.949	33.722	34878.527	24.047	1.025
5/11/2017 15:15	62100	19.396	15.092	43.692	41561.73	51262.578	33.7	34858.555	24.061	1.025
5/11/2017 15:30	63000	19.394	15.093	43.687	41541.055	51236.102	33.681	34840.555	24.073	1.025
5/11/2017 15:45	63900	19.396	15.093	43.693	41551.52	51248.906	33.69	34849.258	24.067	1.025
5/11/2017 16:00	64800	19.396	15.093	43.691	41564.426	51265.57	33.703	34860.594	24.059	1.025
5/11/2017 16:15	65700	19.396	15.093	43.69	41545.41	51241.906	33.685	34844.496	24.07	1.025
5/11/2017 16:30	66600	19.399	15.093	43.698	41584.113	51289.105	33.72	34876.594	24.048	1.025
5/11/2017 16:45	67500	19.399	15.092	43.699	41518.07	51209.039	33.661	34822.152	24.086	1.025
5/11/2017 17:00	68400	19.409	15.092	43.721	41571.094	51274.004	33.709	34866.324	24.055	1.025
5/11/2017 17:15	69300	19.403	15.092	43.707	41535.18	51229.707	33.676	34836.199	24.076	1.025
5/11/2017 17:30	70200	19.401	15.093	43.702	41573.996	51277.043	33.711	34868.395	24.053	1.025
5/11/2017 17:45	71100	19.4	15.093	43.7	41560.988	51260.793	33.699	34857.34	24.061	1.025
5/11/2017 18:00	72000	19.399	15.093	43.698	41588.066	51293.879	33.723	34879.84	24.045	1.025
5/11/2017 18:15	72900	19.399	15.093	43.697	41548.82	51245.246	33.688	34846.77	24.068	1.025
5/11/2017 18:30	73800	19.399	15.093	43.698	41536.938	51230.59	33.677	34836.805	24.075	1.025
5/11/2017 18:45	74700	19.399	15.093	43.697	41548.969	51245.969	33.688	34847.258	24.068	1.025
5/11/2017 19:00	75600	19.405	15.094	43.712	41562.262	51261.301	33.7	34857.684	24.06	1.025
5/11/2017 19:15	76500	19.401	15.094	43.703	41531.844	51224.102	33.672	34832.395	24.078	1.025
5/11/2017 19:30	77400	19.399	15.093	43.699	41549.277	51245.918	33.688	34847.227	24.068	1.025
5/11/2017 19:45	78300	19.405	15.093	43.712	41566.563	51267.027	33.704	34861.578	24.058	1.025
5/11/2017 20:00	79200	19.399	15.093	43.698	41548.219	51244.613	33.687	34846.336	24.068	1.025
5/11/2017 20:15	80100	19.403	15.094	43.706	41555.625	51252.688	33.693	34851.828	24.064	1.025
5/11/2017 20:30	81000	19.406	15.093	43.715	41544.398	51240.332	33.684	34843.426	24.071	1.025
5/11/2017 20:45	81900	19.41	15.094	43.724	41556.199	51253.504	33.694	34852.383	24.064	1.025
5/11/2017 21:00	82800	19.413	15.093	43.729	41547.703	51243.867	33.687	34845.828	24.069	1.025
5/11/2017 21:15	83700	19.415	15.094	43.735	41540.438	51234.703	33.68	34839.602	24.073	1.025
5/11/2017 21:30	84600	19.416	15.093	43.736	41536.895	51231.078	33.677	34837.137	24.075	1.025
5/11/2017 21:45	85500	19.423	15.095	43.753	41590.527	51295.199	33.725	34880.738	24.044	1.025
5/11/2017 22:00	86400	19.424	15.094	43.755	41529.797	51221.043	33.67	34830.313	24.079	1.025
5/11/2017 22:15	87300	19.427	15.094	43.761	41564.148	51263.945	33.701	34859.484	24.059	1.025
5/11/2017 22:30	88200	19.435	15.094	43.779	41541.891	51236.496	33.681	34840.816	24.072	1.025
5/11/2017 22:45	89100	19.436	15.094	43.781	41556.348	51253.891	33.694	34852.645	24.064	1.025
5/11/2017 23:00	90000	19.436	15.093	43.782	41551.734	51248.738	33.69	34849.145	24.066	1.025
5/11/2017 23:15	90900	19.447	15.094	43.805	41527.871	51218.992	33.668	34828.914	24.08	1.025
5/11/2017 23:30	91800	19.447	15.093	43.806	41539.008	51233.039	33.679	34838.469	24.074	1.025
5/11/2017 23:45	92700	19.457	15.094	43.829	41528.617	51219.691	33.669	34829.391	24.08	1.025
5/12/2017 0:00	93600	19.458	15.093	43.83	41540.773	51235.754	33.681	34840.313	24.073	1.025
5/12/2017 0:15	94500	19.465	15.094	43.847	41530.496	51221.805	33.671	34830.828	24.079	1.025
5/12/2017 0:30	95400	19.467	15.094	43.852	41524.922	51215.031	33.666	34826.227	24.082	1.025
5/12/2017 0:45	96300	19.467	15.094	43.85	41584.977	51289.637	33.72	34876.953	24.047	1.025
5/12/2017 1:00	97200	19.476	15.093	43.872	41551.395	51248.852	33.69	34849.219	24.067	1.025
5/12/2017 1:15	98100	19.477	15.093	43.874	41553.059	51250.582	33.692	34850.395	24.066	1.025
5/12/2017 1:30	99000	19.483	15.094	43.888	41567.547	51268.027	33.704	34862.258	24.057	1.025
5/12/2017 1:45	99900	19.486	15.093	43.895	41523.168	51213.715	33.665	34825.328	24.083	1.025
5/12/2017 2:00	100800	19.487	15.093	43.896	41533.859	51227.766	33.675	34834.883	24.077	1.025
5/12/2017 2:15	101700	19.492	15.093	43.908	41529.566	51221.727	33.67	34830.777	24.079	1.025
5/12/2017 2:30	102600	19.494	15.094	43.913	41558.902	51256.609	33.696	34854.496	24.062	1.025
5/12/2017 2:45	103500	19.5	15.094	43.926	41569.172	51270.031	33.706	34863.625	24.056	1.025
5/12/2017 3:00	104400	19.505	15.093	43.937	41559.84	51259.703	33.698	34856.598	24.062	1.025
5/12/2017 3:15	105300	19.502	15.093	43.93	41543.801	51239.488	33.683	34842.855	24.071	1.025
5/12/2017 3:30	106200	19.5	15.093	43.926	41529.387	51221.816	33.67	34830.836	24.079	1.025
5/12/2017 3:45	107100	19.504	15.093	43.934	41545.105	51241.527	33.685	34844.238	24.07	1.025
5/12/2017 4:00	108000	19.503	15.093	43.932	41544.328	51240.68	33.684	34843.668	24.071	1.025
5/12/2017 4:15	108900	19.504	15.092	43.934	41523.816	51215.813	33.666	34826.754	24.083	1.025
5/12/2017 4:30	109800	19.502	15.093	43.93	41574.57	51277.648	33.711	34868.801	24.053	1.025
5/12/2017 4:45	110700	19.5	15.093	43.926	41561.109	51261.48	33.7	34857.813	24.061	1.025
5/12/2017 5:00	111600	19.499	15.093	43.924	41534.289	51228.297	33.675	34835.242	24.076	1.025
5/12/2017 5:15	112500	19.498	15.092	43.922	41526.148	51219.004	33.668	34828.922	24.081	1.025
5/12/2017 5:30	113400	19.501	15.092	43.927	41570.703	51274.07	33.709	34866.367	24.055	1.025
5/12/2017 5:45	114300	19.497	15.093	43.918	41550.848	51248.824	33.69	34849.203	24.067	1.025
5/12/2017 6:00	115200	19.488	15.091	43.899	41558.121	51259.285	33.698	34856.316	24.063	1.025
5/12/2017 6:15	116100	19.487	15.092	43.896	41579.797	51285.375	33.717	34874.059	24.05	1.025
5/12/2017 6:30	117000	19.482	15.093	43.886	41567.918	51269.879	33.706	34863.523	24.057	1.025
5/12/2017 6:45	117900	19.476	15.092	43.871	41536.125	51231.621	33.678	34837.504	24.075	1.025
5/12/2017 7:00	118800	19.472	15.092	43.863	41546.215	51243.441	33.686	34845.539	24.07	1.025
5/12/2017 7:15	119700	19.465	15.092	43.847	41520.094	51211.738	33.663	34823.98	24.085	1.025
5/12/2017 7:30	120600	19.463	15.092	43.842	41546.531	51244.145	33.687	34846.02	24.069	1.025
5/12/2017 7:45	121500	19.455	15.092	43.824	41561.977	51263.508	33.701	34859.188	24.06	1.025
5/12/2017 8:00	122400	19.447								

5/13/2017 6:30	203400	19.48	15.095	43.88	41539.426	51231.641	33.678	34837.516	24.074	1.025
5/13/2017 6:45	204300	19.474	15.095	43.866	41546.941	51241.34	33.685	34844.117	24.069	1.025
5/13/2017 7:00	205200	19.466	15.094	43.849	41525.754	51216.273	33.666	34827.066	24.081	1.025
5/13/2017 7:15	206100	19.47	15.094	43.857	41555.887	51253.223	33.694	34852.191	24.064	1.025
5/13/2017 7:30	207000	19.461	15.095	43.839	41545.344	51239.152	33.683	34842.629	24.07	1.025
5/13/2017 7:45	207900	19.466	15.094	43.849	41533.453	51225.023	33.673	34833.016	24.077	1.025
5/13/2017 8:00	208800	19.457	15.095	43.829	41529.227	51219.172	33.669	34829.039	24.079	1.025
5/13/2017 8:15	209700	19.447	15.095	43.806	41577.141	51278.266	33.712	34869.223	24.052	1.025
5/13/2017 8:30	210600	19.445	15.095	43.801	41538.422	51230.406	33.677	34836.676	24.074	1.025
5/13/2017 8:45	211500	19.439	15.095	43.789	41565.137	51263.883	33.702	34859.445	24.059	1.025
5/13/2017 9:00	212400	19.436	15.095	43.781	41529.707	51219.977	33.669	34829.586	24.079	1.025
5/13/2017 9:15	213300	19.435	15.094	43.779	41567.555	51267.18	33.704	34861.688	24.057	1.025
5/13/2017 9:30	214200	19.421	15.095	43.747	41527.766	51217.582	33.668	34827.957	24.08	1.025
5/13/2017 9:45	215100	19.421	15.095	43.747	41565.129	51263.664	33.701	34859.293	24.059	1.025
5/13/2017 10:00	216000	19.417	15.096	43.738	41563.918	51260.457	33.699	34857.113	24.059	1.025
5/13/2017 10:15	216900	19.412	15.095	43.727	41549.949	51244.305	33.687	34846.129	24.067	1.025
5/13/2017 10:30	217800	19.409	15.095	43.72	41546.836	51240.566	33.684	34843.586	24.069	1.025
5/13/2017 10:45	218700	19.401	15.095	43.703	41509.363	51194.129	33.65	34812.008	24.091	1.025
5/13/2017 11:00	219600	19.405	15.096	43.712	41554.281	51249.418	33.691	34849.605	24.065	1.025
5/13/2017 11:15	220500	19.396	15.095	43.69	41564.941	51262.898	33.701	34858.773	24.059	1.025
5/13/2017 11:30	221400	19.396	15.096	43.69	41564.492	51261.375	33.7	34857.734	24.059	1.025
5/13/2017 11:45	222300	19.386	15.096	43.67	41555.352	51250.305	33.692	34850.207	24.064	1.025
5/13/2017 12:00	223200	19.39	15.095	43.678	41556.57	51252.473	33.693	34851.684	24.064	1.025
5/13/2017 12:15	224100	19.386	15.096	43.668	41540.73	51232.184	33.678	34837.887	24.073	1.025
5/13/2017 12:30	225000	19.382	15.097	43.659	41554.297	51247.855	33.69	34848.547	24.065	1.025
5/13/2017 12:45	225900	19.379	15.096	43.652	41555.633	51250.34	33.692	34850.23	24.064	1.025
5/13/2017 13:00	226800	19.378	15.096	43.651	41536.973	51226.891	33.675	34834.285	24.075	1.025
5/13/2017 13:15	227700	19.378	15.097	43.65	41564.496	51260.434	33.699	34857.094	24.059	1.025
5/13/2017 13:30	228600	19.376	15.097	43.645	41551.309	51244.371	33.687	34846.172	24.067	1.025
5/13/2017 13:45	229500	19.371	15.097	43.635	41536.133	51225.652	33.674	34833.445	24.075	1.025
5/13/2017 14:00	230400	19.372	15.097	43.638	41557.504	51252.121	33.693	34851.445	24.063	1.025
5/13/2017 14:15	231300	19.375	15.097	43.643	41571.418	51268.848	33.705	34862.82	24.055	1.025
5/13/2017 14:30	232200	19.374	15.096	43.642	41554.563	51249.02	33.691	34849.336	24.065	1.025
5/13/2017 14:45	233100	19.371	15.097	43.635	41586.75	51288.078	33.719	34875.895	24.046	1.025
5/13/2017 15:00	234000	19.376	15.097	43.647	41541.828	51232.477	33.679	34838.09	24.072	1.025
5/13/2017 15:15	234900	19.374	15.097	43.642	41551.426	51244.406	33.687	34846.195	24.067	1.025
5/13/2017 15:30	235800	19.375	15.097	43.643	41542.895	51233.359	33.679	34838.684	24.072	1.025
5/13/2017 15:45	236700	19.377	15.097	43.649	41541.066	51231.309	33.678	34837.293	24.073	1.025
5/13/2017 16:00	237600	19.379	15.097	43.654	41543.875	51235	33.68	34839.801	24.071	1.025
5/13/2017 16:15	238500	19.374	15.097	43.642	41580.641	51280.641	33.714	34870.84	24.05	1.025
5/13/2017 16:30	239400	19.376	15.098	43.645	41558.738	51252.465	33.693	34851.676	24.062	1.025
5/13/2017 16:45	240300	19.379	15.096	43.652	41546.047	51238.082	33.683	34841.895	24.07	1.025
5/13/2017 17:00	241200	19.384	15.098	43.664	41577.77	51275.625	33.71	34867.43	24.051	1.025
5/13/2017 17:15	242100	19.377	15.097	43.649	41544.039	51234.457	33.68	34839.434	24.071	1.025
5/13/2017 17:30	243000	19.379	15.097	43.654	41567.52	51263.832	33.702	34859.41	24.057	1.025
5/13/2017 17:45	243900	19.376	15.098	43.646	41572.398	51268.254	33.705	34862.414	24.054	1.025
5/13/2017 18:00	244800	19.384	15.098	43.665	41562.883	51257.578	33.697	34855.152	24.06	1.025
5/13/2017 18:15	245700	19.387	15.097	43.671	41586.488	51286.91	33.719	34875.098	24.046	1.025
5/13/2017 18:30	246600	19.385	15.096	43.667	41548.094	51241.039	33.685	34843.906	24.068	1.025
5/13/2017 18:45	247500	19.386	15.098	43.668	41552.902	51245.066	33.688	34846.645	24.066	1.025
5/13/2017 19:00	248400	19.382	15.097	43.659	41556.324	51249.711	33.691	34849.809	24.064	1.025
5/13/2017 19:15	249300	19.387	15.098	43.671	41534.305	51221.906	33.671	34830.898	24.076	1.025
5/13/2017 19:30	250200	19.386	15.097	43.668	41541.875	51232.102	33.678	34837.828	24.072	1.025
5/13/2017 19:45	251100	19.389	15.098	43.675	41536.059	51224.387	33.673	34832.586	24.075	1.025
5/13/2017 20:00	252000	19.388	15.098	43.673	41538.367	51227.344	33.675	34834.594	24.074	1.025
5/13/2017 20:15	252900	19.389	15.097	43.676	41546.051	51236.938	33.682	34841.117	24.07	1.025
5/13/2017 20:30	253800	19.388	15.098	43.673	41547.094	51237.359	33.682	34841.406	24.069	1.025
5/13/2017 20:45	254700	19.391	15.098	43.681	41599.758	51302.52	33.73	34885.715	24.039	1.025
5/13/2017 21:00	255600	19.387	15.098	43.67	41531.746	51218.324	33.668	34828.641	24.078	1.025
5/13/2017 21:15	256500	19.393	15.098	43.684	41526.746	51212.586	33.664	34824.563	24.081	1.025
5/13/2017 21:30	257400	19.392	15.098	43.683	41565.563	51260.137	33.699	34856.895	24.058	1.025
5/13/2017 21:45	258300	19.396	15.098	43.69	41523.922	51208.992	33.661	34822.113	24.083	1.025
5/13/2017 22:00	259200	19.396	15.097	43.691	41564.926	51260.219	33.699	34856.953	24.059	1.025
5/13/2017 22:15	260100	19.396	15.098	43.693	41560.406	51253.887	33.694	34852.645	24.061	1.025
5/13/2017 22:30	261000	19.4	15.097	43.701	41546.563	51238.316	33.683	34842.055	24.069	1.025
5/13/2017 22:45	261900	19.4	15.098	43.701	41551.039	51242.117	33.686	34844.645	24.067	1.025
5/13/2017 23:00	262800	19.402	15.097	43.704	41528.125	51215.031	33.666	34826.227	24.08	1.025
5/13/2017 23:15	263700	19.408	15.098	43.718	41568.875	51264.332	33.702	34859.75	24.056	1.025
5/13/2017 23:30	264600	19.412	15.098	43.727	41561.836	51255.328	33.696	34853.625	24.061	1.025
5/13/2017 23:45	265500	19.417	15.098	43.739	41536.188	51224.344	33.673	34832.559	24.075	1.025
5/14/2017 0:00	266400	19.418	15.098	43.742	41551.969	51243.805	33.687	34845.789	24.066	1.025
5/14/2017 0:15	267300	19.425	15.098	43.756	41561.313	51254.895	33.695	34853.328	24.061	1.025
5/14/2017 0:30	268200	19.429	15.098	43.765	41555.141	51247.824	33.69	34848.523	24.064	1.025
5/14/2017 0:45	269100	19.431	15.097	43.77	41556.102	51249.336	33.691	34849.547	24.064	1.025
5/14/2017 1:00	270000	19.433	15.098	43.774	41564.16	51258.195	33.698	34855.574	24.059	1.025
5/14/2017 1:15	270900	19.439	15.098	43.787	41554.449	51246.863	33.698	34847.871	24.065	1.025
5/14/2017 1:30	271800	19.439	15.098	43.789	41552.285	51244.305	33.687	34846.129	24.066	1.025
5/14/2017 1:45	272700	19.444	15.097	43.8	41550.008	51241.922	33.686	34844.508	24.067	1.025
5/14/2017 2:00	273600	19.449	15.098	43.811	41522.715	51208.039	33.661	34821.473	24.083	1.025
5/14/2017 2:15	274500	19.452	15.098	43.817	41521.098	51205.301	33.659	34819.605	24.084	1.025
5/14/2017 2:30	275400	19.46	15.097	43.835	41543.512	51234.008	33.68	34839.125	24.071	1.025
5/14/2017 2:45	276300	19.457	15.097	43.83	41541.832	51231.738	33.678	34837.586	24.072	1.025
5/14/2017 3:00	277200	19.465	15.098	43.846	41566.82	51261.477	33.7	34857.809	24.058	1.025
5/14/2017 3:15	278100	19.462	15.098	43.841	41540.324	51229.758	33.677	34836.234	24.073	1.025
5/14/2017 3:30	279000	19.464	15.098	43.844	41566.039	51261.266	33.7	34857.664	24.058	1.025
5/14/2017 3:45	279900	19.467	15.098	43.852	41565.816	51261.195	33.7	34857.617	24.058	1.025
5/14/2017 4:00	280800	19.47	15.097	43.857	41539.914	51230.117	33.677	34836.484	24.073	1.025
5/14/2017 4:15	281700	19.474	15.097	43.866	41558.645	51253.309	33.694			

5/15/2017 3:00	363600	19.353	15.101	43.595	41550.73	51238.969	33.684	34842.504	24.067	1.025
5/15/2017 3:15	364500	19.356	15.1	43.602	41526.633	51209.457	33.662	34822.43	24.081	1.025
5/15/2017 3:30	365400	19.359	15.1	43.608	41536.352	51222.188	33.671	34831.09	24.075	1.025
5/15/2017 3:45	366300	19.359	15.1	43.608	41507.871	51186.43	33.645	34806.773	24.092	1.025
5/15/2017 4:00	367200	19.359	15.1	43.608	41556.879	51247.078	33.69	34848.016	24.063	1.025
5/15/2017 4:15	368100	19.359	15.1	43.608	41527.082	51210.434	33.663	34823.098	24.081	1.025
5/15/2017 4:30	369000	19.36	15.099	43.61	41536.375	51222.75	33.672	34831.469	24.075	1.025
5/15/2017 4:45	369900	19.359	15.1	43.608	41541.516	51228.133	33.676	34835.129	24.072	1.025
5/15/2017 5:00	370800	19.364	15.101	43.619	41537.266	51222.043	33.671	34830.988	24.075	1.025
5/15/2017 5:15	371700	19.36	15.1	43.61	41519.746	51201.387	33.656	34816.945	24.085	1.025
5/15/2017 5:30	372600	19.361	15.1	43.613	41538.902	51225.23	33.674	34833.156	24.074	1.025
5/15/2017 5:45	373500	19.356	15.1	43.601	41537.746	51223.27	33.672	34831.824	24.074	1.025
5/15/2017 6:00	374400	19.358	15.1	43.605	41553.383	51242.555	33.686	34844.941	24.065	1.025
5/15/2017 6:15	375300	19.353	15.1	43.595	41559.813	51250.797	33.692	34850.543	24.062	1.025
5/15/2017 6:30	376200	19.351	15.1	43.591	41546.262	51233.883	33.68	34839.039	24.07	1.025
5/15/2017 6:45	377100	19.348	15.1	43.582	41543.496	51231.109	33.678	34837.156	24.071	1.025
5/15/2017 7:00	378000	19.338	15.1	43.561	41534.016	51218.563	33.669	34828.621	24.077	1.025
5/15/2017 7:15	378900	19.335	15.1	43.555	41527.434	51210.988	33.663	34823.477	24.08	1.025
5/15/2017 7:30	379800	19.331	15.1	43.544	41523.563	51205.672	33.659	34819.859	24.083	1.025
5/15/2017 7:45	380700	19.328	15.1	43.538	41556.461	51246.352	33.689	34847.523	24.064	1.025
5/15/2017 8:00	381600	19.323	15.1	43.528	41573.324	51267.457	33.705	34861.875	24.054	1.025
5/15/2017 8:15	382500	19.318	15.1	43.515	41536.695	51222.824	33.672	34831.52	24.075	1.025
5/15/2017 8:30	383400	19.312	15.1	43.502	41519.582	51201.086	33.656	34816.738	24.085	1.025
5/15/2017 8:45	384300	19.308	15.1	43.493	41549.215	51237.523	33.683	34841.52	24.068	1.025
5/15/2017 9:00	385200	19.305	15.1	43.486	41533.094	51217.75	33.668	34828.07	24.077	1.025
5/15/2017 9:15	386100	19.299	15.1	43.474	41530.594	51214.559	33.666	34825.902	24.079	1.025
5/15/2017 9:30	387000	19.298	15.099	43.47	41540.273	51227.77	33.675	34834.883	24.073	1.025
5/15/2017 9:45	387900	19.293	15.1	43.46	41529.488	51213.832	33.665	34825.41	24.079	1.025
5/15/2017 10:00	388800	19.294	15.1	43.462	41524.578	51207.98	33.661	34821.426	24.082	1.025
5/15/2017 10:15	389700	19.287	15.1	43.445	41528.43	51211.891	33.664	34824.09	24.08	1.025
5/15/2017 10:30	390600	19.292	15.101	43.456	41517.402	51197.008	33.653	34813.965	24.086	1.025
5/15/2017 10:45	391500	19.286	15.102	43.444	41552.207	51239.391	33.684	34842.789	24.066	1.025
5/15/2017 11:00	392400	19.279	15.1	43.428	41559.813	51250.797	33.692	34850.543	24.062	1.025
5/15/2017 11:15	393300	19.279	15.101	43.428	41541.301	51226.688	33.675	34834.148	24.072	1.025
5/15/2017 11:30	394200	19.276	15.1	43.42	41581.934	51277.652	33.712	34868.805	24.049	1.025
5/15/2017 11:45	395100	19.273	15.102	43.414	41546.016	51231.656	33.678	34837.527	24.07	1.025
5/15/2017 12:00	396000	19.272	15.102	43.413	41541.941	51226.633	33.675	34834.109	24.072	1.025
5/15/2017 12:15	396900	19.263	15.101	43.392	41536.707	51220.703	33.67	34830.078	24.075	1.025
5/15/2017 12:30	397800	19.263	15.101	43.392	41559.805	51249.184	33.691	34849.445	24.062	1.025
5/15/2017 12:45	398700	19.262	15.102	43.39	41558.535	51247.301	33.69	34848.168	24.062	1.025
5/15/2017 13:00	399600	19.26	15.102	43.384	41536.367	51219.539	33.67	34829.289	24.075	1.025
5/15/2017 13:15	400500	19.254	15.101	43.373	41489.684	51162.613	33.628	34790.582	24.102	1.025
5/15/2017 13:30	401400	19.255	15.102	43.374	41560.172	51248.566	33.691	34849.031	24.061	1.025
5/15/2017 13:45	402300	19.248	15.102	43.357	41543.602	51228.566	33.676	34835.426	24.071	1.025
5/15/2017 14:00	403200	19.249	15.103	43.359	41537.328	51219.875	33.67	34829.516	24.075	1.025
5/15/2017 14:15	404100	19.248	15.102	43.358	41531.281	51212.742	33.665	34824.664	24.078	1.025
5/15/2017 14:30	405000	19.246	15.102	43.354	41541.367	51225.492	33.674	34833.336	24.072	1.025
5/15/2017 14:45	405900	19.242	15.103	43.345	41543.586	51227.594	33.676	34834.766	24.071	1.025
5/15/2017 15:00	406800	19.24	15.103	43.341	41555.785	51242.414	33.686	34844.844	24.064	1.025
5/15/2017 15:15	407700	19.24	15.103	43.34	41512.27	51189.086	33.647	34808.578	24.089	1.025
5/15/2017 15:30	408600	19.244	15.103	43.349	41555.191	51241.68	33.686	34844.344	24.064	1.025
5/15/2017 15:45	409500	19.242	15.103	43.345	41561.184	51248.336	33.691	34848.871	24.061	1.025
5/15/2017 16:00	410400	19.237	15.103	43.333	41533.316	51214.074	33.666	34825.574	24.077	1.025
5/15/2017 16:15	411300	19.242	15.104	43.345	41578.941	51269.367	33.706	34863.176	24.051	1.025
5/15/2017 16:30	412200	19.239	15.103	43.338	41568.504	51257.363	33.697	34855.012	24.057	1.025
5/15/2017 16:45	413100	19.238	15.104	43.336	41557.617	51243.289	33.687	34845.441	24.063	1.025
5/15/2017 17:00	414000	19.24	15.104	43.339	41528.813	51208.316	33.661	34821.66	24.08	1.025
5/15/2017 17:15	414900	19.241	15.104	43.342	41525.176	51202.758	33.657	34817.875	24.082	1.025
5/15/2017 17:30	415800	19.245	15.105	43.351	41567.637	51254.469	33.695	34853.043	24.057	1.025
5/15/2017 17:45	416700	19.242	15.105	43.345	41518.602	51194.219	33.651	34812.074	24.086	1.025
5/15/2017 18:00	417600	19.241	15.103	43.342	41534.859	51216.086	33.667	34826.938	24.076	1.025
5/15/2017 18:15	418500	19.245	15.104	43.351	41532.531	51212.039	33.664	34824.188	24.078	1.025
5/15/2017 18:30	419400	19.243	15.104	43.346	41554.141	51238.785	33.684	34842.375	24.065	1.025
5/15/2017 18:45	420300	19.247	15.105	43.356	41545.066	51226.438	33.675	34833.977	24.07	1.025
5/15/2017 19:00	421200	19.249	15.105	43.361	41553.715	51237.617	33.683	34841.578	24.065	1.025
5/15/2017 19:15	422100	19.251	15.105	43.366	41527.66	51205.719	33.66	34819.895	24.08	1.025
5/15/2017 19:30	423000	19.251	15.104	43.366	41510.684	51185.199	33.645	34805.938	24.09	1.025
5/15/2017 19:45	423900	19.259	15.105	43.383	41548.211	51230.625	33.678	34836.828	24.068	1.025
5/15/2017 20:00	424800	19.26	15.105	43.385	41532.219	51211.109	33.664	34823.555	24.078	1.025
5/15/2017 20:15	425700	19.26	15.105	43.384	41497.121	51167.832	33.632	34794.129	24.098	1.025
5/15/2017 20:30	426600	19.266	15.105	43.398	41548.648	51231.367	33.678	34837.328	24.068	1.025
5/15/2017 20:45	427500	19.263	15.105	43.392	41573.516	51262.148	33.701	34858.266	24.054	1.025
5/15/2017 21:00	428400	19.268	15.105	43.403	41533.09	51212.301	33.664	34824.363	24.077	1.025
5/15/2017 21:15	429300	19.267	15.105	43.401	41549.199	51231.945	33.679	34837.723	24.068	1.025
5/15/2017 21:30	430200	19.269	15.105	43.406	41549.418	51231.68	33.679	34837.543	24.068	1.025
5/15/2017 21:45	431100	19.275	15.105	43.42	41571.09	51258.613	33.698	34855.859	24.055	1.025
5/15/2017 22:00	432000	19.272	15.106	43.412	41542.082	51222.215	33.672	34831.109	24.072	1.025
5/15/2017 22:15	432900	19.276	15.106	43.422	41504.719	51176.254	33.638	34799.855	24.094	1.025
5/15/2017 22:30	433800	19.279	15.106	43.428	41524.059	51200.102	33.656	34816.07	24.082	1.025
5/15/2017 22:45	434700	19.276	15.105	43.42	41537.27	51217.133	33.668	34827.656	24.075	1.025
5/15/2017 23:00	435600	19.28	15.106	43.431	41583.125	51271.75	33.708	34864.793	24.048	1.025
5/15/2017 23:15	436500	19.288	15.106	43.449	41521.824	51196.168	33.653	34813.395	24.084	1.025
5/15/2017 23:30	437400	19.283	15.106	43.437	41536.668	51215.215	33.667	34826.352	24.075	1.025
5/15/2017 23:45	438300	19.287	15.106	43.445	41538.539	51217.844	33.669	34828.133	24.074	1.025
5/16/2017 0:00	439200	19.288	15.106	43.448	41529.402	51206.055	33.66	34820.117	24.079	1.025
5/16/2017 0:15	440100	19.292	15.106	43.456	41539.324	51218.711	33.669	34828.723	24.074	1.025
5/16/2017 0:30	441000	19.293	15.105	43.458	41552.262	51234.984	33.681	34839.789	24.066	1.025
5/16/2017 0:45	441900	19.293	15.106	43.458	41565.297	51249.883	33.692	34849.922	24.059	1.025
5/16/2										

5/16/2017 23:30	523800	19.246	15.113	43.354	41511.57	51176.066	33.639	34799.727	24.09	1.025
5/16/2017 23:45	524700	19.242	15.114	43.345	41545.527	51216.852	33.669	34827.461	24.07	1.025
5/17/2017 0:00	525600	19.249	15.113	43.36	41526.723	51194.645	33.652	34812.363	24.081	1.025
5/17/2017 0:15	526500	19.248	15.114	43.358	41553.629	51226.84	33.676	34834.25	24.065	1.025
5/17/2017 0:30	527400	19.253	15.114	43.369	41521.777	51187.262	33.647	34807.344	24.084	1.025
5/17/2017 0:45	528300	19.253	15.113	43.369	41545.887	51218.039	33.669	34828.266	24.07	1.025
5/17/2017 1:00	529200	19.254	15.114	43.371	41515.801	51180.105	33.642	34802.477	24.087	1.025
5/17/2017 1:15	530100	19.26	15.113	43.385	41532.535	51201.27	33.657	34816.863	24.078	1.025
5/17/2017 1:30	531000	19.262	15.114	43.389	41544.957	51215.836	33.668	34826.77	24.07	1.025
5/17/2017 1:45	531900	19.265	15.113	43.397	41576.25	51255.273	33.697	34853.59	24.052	1.025
5/17/2017 2:00	532800	19.268	15.114	43.402	41539.199	51209.051	33.663	34822.16	24.074	1.025
5/17/2017 2:15	533700	19.273	15.112	43.414	41524.301	51191.977	33.65	34810.543	24.082	1.025
5/17/2017 2:30	534600	19.268	15.114	43.403	41569.641	51246.164	33.69	34847.395	24.056	1.025
5/17/2017 2:45	535500	19.274	15.113	43.416	41548.504	51220.844	33.671	34830.176	24.068	1.025
5/17/2017 3:00	536400	19.277	15.113	43.424	41520.023	51185.633	33.646	34806.234	24.085	1.025
5/17/2017 3:15	537300	19.28	15.114	43.43	41543.461	51213.254	33.666	34825.012	24.071	1.025
5/17/2017 3:30	538200	19.278	15.114	43.425	41535.555	51203.922	33.659	34818.668	24.076	1.025
5/17/2017 3:45	539100	19.281	15.115	43.433	41567.258	51242.371	33.687	34844.813	24.057	1.025
5/17/2017 4:00	540000	19.283	15.114	43.437	41540.344	51210.148	33.664	34822.902	24.073	1.025
5/17/2017 4:15	540900	19.286	15.113	43.444	41531.098	51199.285	33.656	34815.516	24.078	1.025
5/17/2017 4:30	541800	19.287	15.113	43.445	41537.836	51208.234	33.662	34821.602	24.074	1.025
5/17/2017 4:45	542700	19.287	15.114	43.447	41566.785	51242.645	33.687	34845	24.058	1.025
5/17/2017 5:00	543600	19.285	15.114	43.441	41541.891	51212.367	33.665	34824.414	24.072	1.025
5/17/2017 5:15	544500	19.289	15.114	43.45	41525.91	51192.254	33.65	34810.738	24.081	1.025
5/17/2017 5:30	545400	19.293	15.113	43.46	41554.07	51227.605	33.676	34834.773	24.065	1.025
5/17/2017 5:45	546300	19.292	15.113	43.456	41534.707	51204.488	33.659	34819.055	24.076	1.025
5/17/2017 6:00	547200	19.293	15.114	43.459	41561.781	51236.578	33.683	34840.879	24.061	1.025
5/17/2017 6:15	548100	19.294	15.113	43.461	41538.547	51208.793	33.663	34821.984	24.074	1.025
5/17/2017 6:30	549000	19.295	15.114	43.465	41538.668	51207.98	33.662	34821.426	24.074	1.025
5/17/2017 6:45	549900	19.291	15.114	43.454	41566.992	51243.113	33.688	34845.316	24.058	1.025
5/17/2017 7:00	550800	19.296	15.114	43.466	41535.664	51204.777	33.659	34818.914	24.076	1.025
5/17/2017 7:15	551700	19.292	15.113	43.456	41552.477	51225.742	33.675	34833.504	24.066	1.025
5/17/2017 7:30	552600	19.298	15.113	43.472	41541.277	51211.836	33.665	34824.047	24.072	1.025
5/17/2017 7:45	553500	19.293	15.114	43.458	41529.934	51196.883	33.654	34813.883	24.079	1.025
5/17/2017 8:00	554400	19.295	15.114	43.464	41522.906	51188.441	33.648	34808.145	24.083	1.025
5/17/2017 8:15	555300	19.294	15.114	43.461	41528.352	51195.043	33.653	34812.629	24.08	1.025
5/17/2017 8:30	556200	19.287	15.113	43.447	41522.379	51188.746	33.648	34808.352	24.083	1.025
5/17/2017 8:45	557100	19.286	15.113	43.444	41513.98	51178.508	33.64	34801.387	24.088	1.025
5/17/2017 9:00	558000	19.282	15.114	43.435	41539.332	51209.016	33.663	34822.137	24.074	1.025
5/17/2017 9:15	558900	19.282	15.113	43.435	41536.457	51206.746	33.661	34820.586	24.075	1.025
5/17/2017 9:30	559800	19.275	15.114	43.42	41556.43	51230.293	33.678	34836.598	24.064	1.025
5/17/2017 9:45	560700	19.269	15.114	43.404	41529.531	51196.609	33.654	34813.699	24.079	1.025
5/17/2017 10:00	561600	19.271	15.113	43.41	41535.379	51204.563	33.659	34819.102	24.076	1.025
5/17/2017 10:15	562500	19.262	15.114	43.39	41580.676	51260.184	33.7	34856.926	24.05	1.025
5/17/2017 10:30	563400	19.256	15.114	43.376	41519.305	51184.422	33.645	34805.41	24.085	1.025
5/17/2017 10:45	564300	19.248	15.113	43.358	41562.93	51238.414	33.684	34842.121	24.06	1.025
5/17/2017 11:00	565200	19.243	15.114	43.347	41538.777	51208.43	33.662	34821.734	24.074	1.025
5/17/2017 11:15	566100	19.241	15.114	43.343	41565.371	51240.371	33.686	34843.457	24.058	1.025
5/17/2017 11:30	567000	19.239	15.114	43.338	41542.039	51211.715	33.665	34823.969	24.072	1.025
5/17/2017 11:45	567900	19.231	15.115	43.32	41542.918	51212.055	33.665	34824.199	24.071	1.025
5/17/2017 12:00	568800	19.23	15.114	43.317	41518.336	51183.332	33.644	34804.668	24.086	1.025
5/17/2017 12:15	569700	19.222	15.115	43.3	41539.297	51207.16	33.662	34820.875	24.074	1.025
5/17/2017 12:30	570600	19.221	15.115	43.298	41528.828	51195.117	33.653	34812.684	24.08	1.025
5/17/2017 12:45	571500	19.212	15.115	43.277	41536.25	51204.148	33.659	34818.82	24.075	1.025
5/17/2017 13:00	572400	19.213	15.114	43.28	41529.73	51196.328	33.654	34813.508	24.079	1.025
5/17/2017 13:15	573300	19.211	15.114	43.275	41522.152	51187.293	33.647	34807.363	24.084	1.025
5/17/2017 13:30	574200	19.206	15.114	43.264	41542.574	51212.16	33.665	34824.273	24.072	1.025
5/17/2017 13:45	575100	19.205	15.115	43.261	41564.984	51239.258	33.685	34842.695	24.059	1.025
5/17/2017 14:00	576000	19.199	15.116	43.248	41526.465	51190.695	33.649	34809.672	24.081	1.025
5/17/2017 14:15	576900	19.196	15.115	43.241	41561.859	51235.605	33.682	34840.215	24.061	1.025
5/17/2017 14:30	577800	19.198	15.116	43.246	41546.129	51215.148	33.667	34826.301	24.07	1.025
5/17/2017 14:45	578700	19.192	15.116	43.231	41592.789	51272.242	33.709	34865.129	24.043	1.025
5/17/2017 15:00	579600	19.193	15.115	43.233	41513.586	51175.254	33.638	34799.176	24.088	1.025
5/17/2017 15:15	580500	19.181	15.116	43.207	41509.195	51168.875	33.634	34794.84	24.091	1.025
5/17/2017 15:30	581400	19.19	15.116	43.228	41501.992	51160.313	33.627	34789.012	24.095	1.025
5/17/2017 15:45	582300	19.183	15.117	43.212	41570.754	51243.91	33.689	34845.859	24.055	1.025
5/17/2017 16:00	583200	19.182	15.116	43.209	41512.984	51173.438	33.637	34797.938	24.089	1.025
5/17/2017 16:15	584100	19.186	15.116	43.217	41564.484	51236.82	33.683	34841.043	24.059	1.025
5/17/2017 16:30	585000	19.184	15.117	43.215	41548.883	51216.73	33.669	34827.383	24.068	1.025
5/17/2017 16:45	585900	19.185	15.118	43.216	41534.027	51197.672	33.655	34814.418	24.077	1.025
5/17/2017 17:00	586800	19.184	15.117	43.214	41536.465	51201.223	33.657	34816.832	24.075	1.025
5/17/2017 17:15	587700	19.182	15.117	43.209	41555.578	51224.559	33.674	34832.703	24.064	1.025
5/17/2017 17:30	588600	19.185	15.117	43.216	41558.41	51229.008	33.678	34835.727	24.063	1.025
5/17/2017 17:45	589500	19.185	15.118	43.216	41550.789	51218.555	33.67	34828.617	24.067	1.025
5/17/2017 18:00	590400	19.184	15.118	43.214	41571.5	51243.977	33.689	34845.91	24.055	1.025
5/17/2017 18:15	591300	19.192	15.117	43.231	41495.844	51151.035	33.62	34782.703	24.099	1.025
5/17/2017 18:30	592200	19.189	15.119	43.224	41522.633	51182.246	33.644	34803.93	24.083	1.025
5/17/2017 18:45	593100	19.189	15.118	43.226	41523.141	51183.941	33.645	34805.086	24.083	1.025
5/17/2017 19:00	594000	19.189	15.118	43.226	41553.094	51221.289	33.672	34830.48	24.066	1.025
5/17/2017 19:15	594900	19.195	15.119	43.238	41531.023	51192.695	33.651	34811.031	24.078	1.025
5/17/2017 19:30	595800	19.196	15.119	43.241	41537.465	51200.953	33.657	34816.648	24.075	1.025
5/17/2017 19:45	596700	19.196	15.118	43.242	41520.414	51180.789	33.642	34802.941	24.085	1.025
5/17/2017 20:00	597600	19.196	15.118	43.241	41548.336	51214.672	33.667	34825.977	24.068	1.025
5/17/2017 20:15	598500	19.199	15.118	43.248	41520.598	51180.805	33.642	34802.953	24.084	1.025
5/17/2017 20:30	599400	19.203	15.119	43.256	41560.219	51228.574	33.678	34835.43	24.061	1.025
5/17/2017 20:45	600300	19.206	15.117	43.263	41547.59	51214.824	33.667	34826.086	24.069	1.025
5/17/2017 21:00	601200	19.206	15.118	43.264	41540.082	51204.281	33.66	34818.914	24.073	1.025
5/17/2017 21:15	602100	19.211	15.119	43.274	41523.922	51184.262	33.645	34805.2		

Report Date: 5/19/2017 8:54
Report User Name: AVanHaitsma
Report Computer Name: WKST34
Application: WinSitu.exe
Application Version: 5.6.25.0

Log File Properties
File Name MPWSP MW-3D LT Test_2017-05-18_12-34-45-798-BaroMerge.wsl
Create Date 5/19/2017 8:52

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

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

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

Other Log Settings
Depth of Probe: 34.0141 (ft)
Head Pressure: 15.0999 (PSI)
Temperature: 22.8666 (C)
Specific Conductivity Model: Standard Methods
Reference Temperature: 25
Temperature Coefficient: 0.0191
TDS Factor: 0.68

Log Notes:
Date and Time Note
3/9/2016 18:36 Used Battery: 0% Used Memory: 3% User Name: KMKar
3/9/2016 18:37 Sensor SN: 446752 Cache Timeout: 1000 User Name: KMKar
3/9/2016 18:37 Device Taken Offline
3/9/2016 18:39 Device Put Online
3/9/2016 18:39 Sensor SN: 446752 Cache Timeout: 1750 User Name: KMKar
3/17/2016 17:02 Log Download - Used Battery: 0% Used Memory: 3% User Name: Skuiper Interval - Start Time: 3/10/2016 9:00:00 AM Stop Time: 3/17/2016 5:00:00 PM
3/24/2016 13:04 Log Download - Used Battery: 1% Used Memory: 4% User Name: KMKar Interval - Start Time: 3/15/2016 12:00:00 PM Stop Time: 3/24/2016 1:15:00 PM
3/31/2016 8:47 Log Download - Used Battery: 1% Used Memory: 4% User Name: Skuiper Interval - Start Time: 3/22/2016 12:00:00 PM Stop Time: 3/31/2016 9:30:00 AM
4/7/2016 13:07 Log Download - Used Battery: 1% Used Memory: 6% User Name: KMKar Interval - Start Time: 2/29/2016 5:00:00 PM Stop Time: 4/7/2016 1:15:00 PM
4/14/2016 12:53 Log Download - Used Battery: 2% Used Memory: 6% User Name: Skuiper Interval - Start Time: 4/5/2016 12:00:00 PM Stop Time: 4/14/2016 1:45:00 PM
4/21/2016 11:16 Log Download - Used Battery: 2% Used Memory: 7% User Name: ELinden Interval - Start Time: 4/12/2016 1:30:00 PM Stop Time: 4/21/2016 12:15:00 PM
4/28/2016 15:06 Log Download - Used Battery: 2% Used Memory: 7% User Name: KMKar Interval - Start Time: 4/19/2016 5:00:00 PM Stop Time: 4/28/2016 3:00:00 PM
5/5/2016 10:41 Log Download - Used Battery: 3% Used Memory: 9% User Name: Skuiper Interval - Start Time: 3/31/2016 12:00:00 PM Stop Time: 5/5/2016 10:30:00 AM
5/12/2016 12:05 Log Download - Used Battery: 3% Used Memory: 9% User Name: Skuiper Interval - Start Time: 5/3/2016 12:00:00 PM Stop Time: 5/12/2016 12:00:00 PM
5/19/2016 14:33 Log Download - Used Battery: 4% Used Memory: 10% User Name: ELinden Interval - Start Time: 5/10/2016 12:00:00 PM Stop Time: 5/19/2016 3:30:00 PM
5/26/2016 13:29 Log Download - Used Battery: 4% Used Memory: 10% User Name: Skuiper Interval - Start Time: 5/17/2016 6:00:00 PM Stop Time: 5/26/2016 2:00:00 PM
6/2/2016 14:01 Log Download - Used Battery: 4% Used Memory: 12% User Name: Skuiper Interval - Start Time: 4/30/2016 10:00:00 PM Stop Time: 6/2/2016 2:44:45 PM
6/9/2016 10:11 Log Download - Used Battery: 5% Used Memory: 12% User Name: CShaw Interval - Start Time: 5/31/2016 5:00:00 AM Stop Time: 6/9/2016 11:00:00 AM
6/16/2016 16:19 Log Download - Used Battery: 5% Used Memory: 14% User Name: Skuiper Interval - Start Time: 6/7/2016 10:30:00 PM Stop Time: 6/16/2016 5:15:00 PM
6/23/2016 11:55 Log Download - Used Battery: 5% Used Memory: 14% User Name: Skuiper Interval - Start Time: 6/15/2016 10:00:00 PM Stop Time: 6/23/2016 12:00:00 PM
7/1/2016 7:41 Log Download - Used Battery: 6% Used Memory: 15% User Name: Skuiper Interval - Start Time: 5/31/2016 10:00:00 PM Stop Time: 7/1/2016 7:15:00 PM
7/8/2016 6:42 Log Download - Used Battery: 6% Used Memory: 15% User Name: Skuiper Interval - Start Time: 6/29/2016 10:00:00 PM Stop Time: 7/8/2016 4:15:00 PM
7/14/2016 19:36 Log Download - Used Battery: 6% Used Memory: 17% User Name: ELinden Interval - Start Time: 7/5/2016 12:00:00 PM Stop Time: 7/14/2016 8:30:00 PM
7/21/2016 12:16 Log Download - Used Battery: 7% Used Memory: 17% User Name: Skuiper Interval - Start Time: 7/13/2016 10:00:00 PM Stop Time: 7/21/2016 12:15:00 PM
7/28/2016 9:23 Log Download - Used Battery: 7% Used Memory: 18% User Name: Skuiper Interval - Start Time: 7/20/2016 10:00:00 PM Stop Time: 7/28/2016 10:00:00 AM
8/4/2016 9:12 Log Download - Used Battery: 8% Used Memory: 18% User Name: Skuiper Interval - Start Time: 6/30/2016 10:00:00 PM Stop Time: 8/4/2016 9:45:00 AM
8/11/2016 13:11 Log Download - Used Battery: 8% Used Memory: 20% User Name: ELinden Interval - Start Time: 8/3/2016 12:00:00 PM Stop Time: 8/11/2016 1:59:45 PM
8/18/2016 9:16 Log Download - Used Battery: 8% Used Memory: 21% User Name: Skuiper Interval - Start Time: 8/10/2016 10:00:00 PM Stop Time: 8/18/2016 8:35:00 PM
8/25/2016 16:13 Log Download - Used Battery: 9% Used Memory: 21% User Name: ELinden Interval - Start Time: 8/17/2016 10:00:00 PM Stop Time: 8/25/2016 5:00:00 PM
9/1/2016 12:53 Log Download - Used Battery: 9% Used Memory: 23% User Name: skuiper Interval - Start Time: 7/31/2016 10:00:00 PM Stop Time: 9/1/2016 1:45:00 PM
9/8/2016 11:08 Log Download - Used Battery: 9% Used Memory: 23% User Name: Skuiper Interval - Start Time: 8/31/2016 10:00:00 PM Stop Time: 9/8/2016 6:15:00 PM
9/15/2016 11:10 Log Download - Used Battery: 9% Used Memory: 23% User Name: Skuiper Interval - Start Time: 8/31/2016 10:00:00 PM Stop Time: 9/8/2016 11:00:00 AM
9/15/2016 19:00 Log Download - Used Battery: 10% Used Memory: 25% User Name: ANorris Interval - Start Time: 9/7/2016 10:00:00 PM Stop Time: 9/15/2016 8:00:00 PM
9/22/2016 15:10 Log Download - Used Battery: 10% Used Memory: 25% User Name: ANorris Interval - Start Time: 9/4/2016 10:00:00 PM Stop Time: 9/22/2016 4:00:00 PM
10/2/2016 7:50 Log Download - Used Battery: 11% Used Memory: 26% User Name: ANorris Interval - Start Time: 9/21/2016 10:00:00 PM Stop Time: 10/2/2016 8:49:58 AM
10/7/2016 18:02 Log Download - Used Battery: 11% Used Memory: 26% User Name: Skuiper Interval - Start Time: 9/28/2016 10:00:00 PM Stop Time: 10/7/2016 6:00:00 PM
10/13/2016 9:39 Log Download - Used Battery: 11% Used Memory: 28% User Name: Skuiper Interval - Start Time: 10/5/2016 10:00:00 PM Stop Time: 10/13/2016 8:00:00 PM
10/20/2016 8:49 Log Download - Used Battery: 12% Used Memory: 28% User Name: Skuiper Interval - Start Time: 10/12/2016 12:00:00 AM Stop Time: 10/20/2016 7:45:00 PM
10/20/2016 8:52 Log Download - Used Battery: 12% Used Memory: 28% User Name: Skuiper Interval - Start Time: 10/12/2016 12:00:00 AM Stop Time: 10/20/2016 8:45:00 AM
10/27/2016 9:57 Log Download - Used Battery: 12% Used Memory: 29% User Name: Skuiper Interval - Start Time: 10/19/2016 10:00:00 PM Stop Time: 10/27/2016 9:45:00 AM
11/3/2016 8:51 Log Download - Used Battery: 12% Used Memory: 29% User Name: Skuiper Interval - Start Time: 9/30/2016 10:00:00 PM Stop Time: 11/3/2016 6:15:00 PM
11/10/2016 13:01 Log Download - Used Battery: 13% Used Memory: 31% User Name: Skuiper Interval - Start Time: 11/2/2016 10:00:00 PM Stop Time: 11/10/2016 1:15:00 PM
11/17/2016 8:14 Log Download - Used Battery: 13% Used Memory: 31% User Name: Skuiper Interval - Start Time: 11/9/2016 10:00:00 PM Stop Time: 11/17/2016 9:00:00 AM
11/24/2016 15:02 Log Download - Used Battery: 13% Used Memory: 32% User Name: Skuiper Interval - Start Time: 11/15/2016 10:00:00 PM Stop Time: 11/24/2016 4:00:00 PM
12/1/2016 13:53 Log Download - Used Battery: 14% Used Memory: 32% User Name: Skuiper Interval - Start Time: 10/31/2016 10:00:00 PM Stop Time: 12/1/2016 1:45:00 PM
12/2/2016 10:08 Log Download - Used Battery: 14% Used Memory: 32% User Name: Skuiper Interval - Start Time: 10/31/2016 10:00:00 PM Stop Time: 12/2/2016 1:00:00 AM
12/8/2016 8:44 Log Download - Used Battery: 14% Used Memory: 34% User Name: Skuiper Interval - Start Time: 11/30/2016 10:00:00 PM Stop Time: 12/8/2016 11:00:00 AM
12/15/2016 8:07 Log Download - Used Battery: 14% Used Memory: 34% User Name: Skuiper Interval - Start Time: 12/7/2016 10:00:00 PM Stop Time: 12/15/2016 11:15:00 AM
12/22/2016 18:55 Log Download - Used Battery: 15% Used Memory: 35% User Name: ANorris Interval - Start Time: 12/14/2016 10:00:00 PM Stop Time: 12/22/2016 7:45:00 PM
1/5/2017 14:25 Log Download - Used Battery: 16% Used Memory: 37% User Name: Skuiper Interval - Start Time: 11/30/2016 10:00:00 PM Stop Time: 1/5/2017 2:40:00 PM
1/12/2017 8:41 Log Download - Used Battery: 16% Used Memory: 39% User Name: Skuiper Interval - Start Time: 1/4/2017 10:00:00 PM Stop Time: 1/12/2017 6:30:00 PM
1/12/2017 8:46 Log Download - Used Battery: 16% Used Memory: 39% User Name: Skuiper Interval - Start Time: 1/4/2017 10:00:00 PM Stop Time: 1/12/2017 8:45:00 AM
1/19/2017 10:05 Log Download - Used Battery: 16% Used Memory: 39% User Name: EHernandez Interval - Start Time: 1/11/2017 10:00:00 PM Stop Time: 1/19/2017 11:00:00 AM
1/26/2017 13:29 Log Download - Used Battery: 17% Used Memory: 40% User Name: Skuiper Interval - Start Time: 1/18/2017 10:00:00 PM Stop Time: 1/26/2017 2:15:00 PM
2/2/2017 7:48 Log Download - Used Battery: 17% Used Memory: 40% User Name: WMassoll Interval - Start Time: 12/31/2016 10:00:00 PM Stop Time: 2/2/2017 7:45:00 AM
2/9/2017 10:45 Log Download - Used Battery: 17% Used Memory: 42% User Name: EHernandez Interval - Start Time: 2/1/2017 12:00:00 AM Stop Time: 2/9/2017 11:30:00 AM
2/16/2017 13:45 Log Download - Used Battery: 18% Used Memory: 42% User Name: WMassoll Interval - Start Time: 2/8/2017 10:00:00 PM Stop Time: 2/16/2017 2:00:00 PM
2/23/2017 8:36 Log Download - Used Battery: 18% Used Memory: 43% User Name: EHernandez Interval - Start Time: 2/15/2017 12:00:00 AM Stop Time: 2/23/2017 9:30:00 AM
3/2/2017 10:22 Log Download - Used Battery: 18% Used Memory: 43% User Name: Skuiper Interval - Start Time: 1/31/2017 10:00:00 PM Stop Time: 3/2/2017 11:00:00 AM
3/9/2017 17:08 Log Download - Used Battery: 19% Used Memory: 45% User Name: WMassoll Interval - Start Time: 3/1/2017 11:30:00 PM Stop Time: 3/9/2017 6:00:00 PM
3/16/2017 18:19 Log Download - Used Battery: 19% Used Memory: 45% User Name: WMassoll Interval - Start Time: 3/8/2017 10:00:00 PM Stop Time: 3/16/2017 7:15:00 PM
3/23/2017 10:37 Log Download - Used Battery: 19% Used Memory: 46% User Name: AVanHaitsma Interval - Start Time: 3/15/2017 10:00:00 PM Stop Time: 3/23/2017 11:30:00 AM
3/30/2017 8:47 Log Download - Used Battery: 20% Used Memory: 46% User Name: AVanHaitsma Interval - Start Time: 3/22/2017 10:00:00 PM Stop Time: 3/30/2017 9:45:00 AM
4/6/2017 16:37 Log Download - Used Battery: 20% Used Memory: 48% User Name: WMassoll Interval - Start Time: 2/28/2017 12:00:00 PM Stop Time: 4/6/2017 5:30:00 PM
4/13/2017 14:10 Log Download - Used Battery: 21% Used Memory: 48% User Name: Skuiper Interval - Start Time: 4/5/2017 10:00:00 PM Stop Time: 4/13/2017 2:00:00 PM
4/20/2017 8:29 Log Download - Used Battery: 21% Used Memory: 50% User Name: AVanHaitsma Interval - Start Time: 4/12/2017 10:00:00 PM Stop Time: 4/20/2017 9:15:00 AM
5/19/2017 8:52 User Note: "Pressure & Level adjusted by baro data from: "MPWSP Barotroll_2017-05-18_18-53-25-090.wsl"

Log Data:
Record Count 731

Sensors
2
1 446752 PCTD 100 PSIA (60.1m/197.3ft)
2 0 Baro-Adjustment Calc

Time Zone: Pacific Daylight Time

Date and Time	Elapsed Time Seconds	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	
		SNR: 446752		SNR: 446752		SNR: 446752		SNR: 446752		SNR: 446752		SNR: 446752		SNR: 446752		SNR: 446752		SNR: 000000	
		Corrected Pressure (PSI)	Temperature (C)	Depth (ft)	Actual Conductivity (µS)	Specific Conductivity (µS)	Salinity (PSU)	Total Dissolved Solids (ppt)	Resistivity (ohm-cm)	Water Density (g/cm3)	Barometric Pressure (PSI)								
5/11/2017 0:00	7200	124.115	19.687	279.582	41901.039	46633.258	30.588	31.711	23.866	1.021	14.804								
5/11/2017 0:15	8100	124.1	19.683	279.546	41862.301	46594.375	30.56	31.684	23.888	1.021	14.8								
5/11/2017 0:30	9000	124.073	19.683	279.487	41890.355	46625	30.582	31.705	23.872	1.021	14.805								
5/11/2017 0:45	9900	124.047	19.686	279.428	41876.555	46607.125	30.569	31.693	23.88	1.021	14.808								
5/11/2017 1:00	10800	124.024	19.688	279.377	41874.164	46602.828	30.566	31.69	23.881	1.021	14.804								
5/11/2017 1:15	11700	123.987	19.691	279.293	41903.195	46631.945	30.587	31.71	23.865	1.021	14.806								
5/11/2017 1:30	12600	123.95	19.688	279.21	41852.18	46578.34	30.548	31.673	23.894	1.021	14.803								
5/11/2017 1:45	13500	123.917	19.684	279.136	41888.875	46622.305	30.58	31.703	23.873	1.021	14.802								
5/11/2017 2:00	14400	123.872	19.687	279.034	41876.516	46605.879	30.568	31.692	23.88	1.021	14.803								
5/11/2017 2:15	15300	123.838	19.685	278.958	41830.496	46556.555	30.532	31.658	23.906	1.021	14.797								
5/11/2017 2:30	16200	123.795	19.686	278.86	41896.566	46629.664	30.585	31.708	23.868	1.021	14.8								
5/11/2017 2:45	17100	123.743	19.684	278.744	41859.602	46589.816	30.556	31.681	23.889	1.021	14.804								
5/11/2017 3:00	18000	123.693	19.686	278.631	41846.715	46574.09	30.545	31.67	23.897	1.021	14.801								
5/11/2017 3:15	18900	123.651	19.682	278.545	41866.336	46599.645	30.563	31.688	23.886	1.021	14.802								
5/11/2017 3:30	19800	123.609	19.686	278.441	41886.836	46618.918	30.578	31.701	23.874	1.021	14.799								
5/11/2017 3:45	20700	123.567	19.685	278.337	41887.805	46620.437	30.579	31.702	23.873	1.021	14.802								
5/11/2017 4:00	21600	123.523	19.684	278.247	41878.891	46611.285	30.572	31.696	23.878	1.021	14.802								
5/11/2017 4:15	22500	123.487	19.683	278.167	41849.449	46579.379	30.549	31.674	23.895	1.021	14.801								
5/11/2017 4:30	23400	123.443	19.687	278.068	41859.777	46587.336	30.555	31.679	23.889	1.021	14.807								
5/11/2017 4:45	24300	123.4	19.686	277.971	41867.984	46597.855	30.562	31.687	23.885	1.021	14.805								
5/11/2017 5:00	25200	123.375	19.683	277.914	41852.758	46583.492	30.552	31.677	23.893	1.021	14.802								
5/11/2017 5:15	26100	123.343	19.685	277.841	41878.773	46610.043	30.571	31.695	23.878	1.021	14.8								
5/11/2017 5:30	27000	123.321	19.688	277.792	41868.07	46596.047	30.561	31.685	23.885	1.021	14.805								
5/11/2017 5:45	27900	123.308	19.687	277.762	41854.82	46582.16	30.551	31.676	23.892	1.021	14.802								
5/11/2017 6:00	28800	123.292	19.682	277.728	41835.242	46565.203	30.538	31.664	23.903	1.021	14.807								
5/11/2017 6:15	29700	123.278	19.686	277.697	41862.785	46592.066	30.558	31.683	23.888	1.021	14.814								
5/11/2017 6:30	30600	123.273	19.683	277.683	41853.711	46584.461	30.552	31.677	23.893	1.021	14.815								
5/11/2017 6:45	31500	123.271	19.682	277.679	41827.863	46556.824	30.532	31.659	23.908	1.021	14.815								
5/11/2017 7:00	32400	123.276	19.683	277.691	41860.805	46592.711	30.558	31.683	23.889	1.021	14.814								
5/11/2017 7:15	33300	123.286	19.683	277.713	41853.356	46583.984	30.552	31.677	23.893	1.021	14.815								
5/11/2017 7:30	34200	123.302	19.682	277.749	41850.691	46582.31	30.551	31.676	23.894	1.021	14.809								
5/11/2017 7:45	35100	123.316	19.681	277.778	41881.715	46617.359	30.576	31.7	23.877	1.021	14.812								
5/11/2017 8:00	36000	123.331	19.683	277.816	41866.035	46598.699	30.563	31.687	23.886	1.021	14.811								
5/11/2017 8:15	36900	123.348	19.68	277.853	41853.555	46587.832	30.555	31.68	23.893	1.021	14.822								
5/11/2017 8:30	37800	123.388	19.68	277.943	41847.258	46580.555	30.549	31.675	23.896	1.021	14.814								
5/11/2017 8:45	38700	123.41	19.68	277.992	41812.832	46542.418	30.521	31.649	23.916	1.021	14.816								
5/11/2017 9:00	39600	123.441	19.683	278.063	41840.582	46570.277	30.542	31.668	23.9	1.021	14.81								
5/11/2017 9:15	40500	123.468	19.683	278.148	41859.934	46591.452	30.558	31.682	23.889	1.021	14.818								
5/11/2017 9:30	41400	123.501	19.682	278.199	41824.895	46553.164	30.529	31.656	23.909	1.021	14.814								
5/11/2017 9:45	42300	123.565	19.684	278.341	41853.328	46583.348	30.551	31.677	23.893	1.021	14.817								
5/11/2017 10:00	43200	123.559	19.683	278.329	41862.273	46594.512	30.56	31.684	23.888	1.021	14.817								
5/11/2017 10:15	44100	123.594	19.68	278.407	41851.57	46584.836	30.552	31.678	23.894	1.021	14.816								
5/11/2017 10:30	45000	123.614	19.686	278.452	41858.992	46587.059	30.554	31.679	23.879	1.021	14.817								
5/11/2017 10:45	45900	123.65	19.679	278.533	41892.113	46630.934	30.586	31.709	23.871	1.021	14.814								
5/11/2017 11:00	46800	123.685	19.68	278.612	41885.986	46623.758	30.581	31.704	23.874	1.021	14.809								
5/11/2017 11:15	47700	123.7	19.678	278.646	41854.906	46590.453	30.556	31.682	23.892	1.021	14.815								
5/11/2017 11:30	48600	123.73	19.679	278.677	41874.039	46611.156	30.572	31.696	23.881	1.021	14.816								
5/11/2017 11:45	49500	123.729	19.679	278.711	41885.602	46623.594	30.581	31.704	23.875	1.021	14.822								
5/11/2017 12:00	50400	123.746	19.685	278.749	41875.742	46607.523	30.569	31.693	23.88	1.021	14.812								
5/11/2017 12:15	51300	123.757	19.684	278.775	41866.719	46597.645	30.562	31.686	23.885	1.021	14.814								
5/11/2017 12:30	52200	123.751	19.689	278.76	41866.465	46592.789	30.559	31.683	23.885	1.021	14.821								
5/11/2017 12:45	53100	123.763	19.687	278.787	41864.879	46593.27	30.559	31.683	23.886	1.021	14.817								
5/11/2017 13:00	54000	123.779	19.686	278.779	41869.524	46599.84	30.564	31.688	23.884	1.021	14.817								
5/11/2017 13:15	54900	123.758	19.684	278.778	41837.719	46565.461	30.538	31.665	23.902	1.021	14.814								
5/11/2017 13:30	55800	123.749	19.684	278.756	41877.555	46610.402	30.571	31.695	23.879	1.021	14.817								
5/11/2017 13:45	56700	123.745	19.686	278.748	41856.246	46584.355	30.552	31.677	23.891	1.021	14.814								
5/11/2017 14:00	57600	123.73	19.683	278.714	41852.984	46583.402	30.552	31.677	23.893	1.021	14.817								
5/11/2017 14:15	58500	123.737	19.683	278.729	41858.59	46590.41	30.557	31.681	23.89	1.021	14.807								
5/11/2017 14:30	59400	123.713	19.685	278.675	41858.496	46587.891	30.555	31.68	23.89	1.021	14.811								
5/11/2017 14:45	60300	123.673	19.682	278.633	41875.353	46569.16	30.57	31.694	23.88	1.021	14.818								
5/11/2017 15:00	61200	123.676	19.682	278.592	41878.188	46612.656	30.573	31.697	23.879	1.021	14.814								
5/11/2017 15:15	62100	123.662	19.681	278.562	41851.727	46583.98	30.552	31.677	23.894	1.021	14.808								
5/11/2017 15:30	63000	123.643	19.683	278.518	41848.598	46579.199	30.548	31.674	23.896	1.021	14.809								
5/11/2017 15:45	63900	123.634	19.681	278.498	41874.332	46609.145	30.57	31.694	23.881	1.021	14.807								
5/11/2017 16:00	64800	123.618	19.682	278.462	41867.578	46601.027	30.564	31.689	23.885	1.021	14.807								

5/11/2017 16:15	65700	123.597	19.682	278.413	41833.73	46563	30.537	31.663	23.904	1.021	14.808
5/11/2017 16:30	66600	123.589	19.684	278.396	41856.855	46586.762	30.554	31.679	23.891	1.021	14.801
5/11/2017 16:45	67500	123.576	19.682	278.368	41893.074	46628.969	30.585	31.708	23.87	1.021	14.798
5/11/2017 17:00	68400	123.572	19.683	278.359	41851.234	46581.457	30.55	31.675	23.894	1.021	14.801
5/11/2017 17:15	69300	123.569	19.682	278.351	41830.359	46559.164	30.534	31.66	23.906	1.021	14.797
5/11/2017 17:30	70200	123.553	19.689	278.316	41906.444	46637.465	30.591	31.713	23.862	1.021	14.803
5/11/2017 17:45	71100	123.551	19.683	278.311	41870.442	46570.441	30.566	31.69	23.883	1.021	14.803
5/11/2017 18:00	72000	123.55	19.688	278.308	41878.051	46607.152	30.569	31.693	23.879	1.021	14.809
5/11/2017 18:15	72900	123.565	19.687	278.342	41848.547	46574.492	30.545	31.671	23.896	1.021	14.797
5/11/2017 18:30	73800	123.57	19.686	278.354	41881.859	46612.691	30.573	31.697	23.877	1.021	14.801
5/11/2017 18:45	74700	123.576	19.684	278.367	41862.188	46592.867	30.558	31.683	23.888	1.021	14.802
5/11/2017 19:00	75600	123.597	19.685	278.414	41862.121	46592.27	30.558	31.683	23.888	1.021	14.797
5/11/2017 19:15	76500	123.617	19.682	278.459	41836.081	46566.891	30.539	31.665	23.902	1.021	14.797
5/11/2017 19:30	77400	123.632	19.683	278.493	41843.855	46574.105	30.545	31.67	23.898	1.021	14.808
5/11/2017 19:45	78300	123.659	19.686	278.553	41877.094	46607.727	30.569	31.693	23.879	1.021	14.798
5/11/2017 20:00	79200	123.681	19.685	278.604	41883.941	46615.793	30.575	31.699	23.875	1.021	14.799
5/11/2017 20:15	80100	123.701	19.681	278.648	41830.676	46560.898	30.535	31.661	23.906	1.021	14.803
5/11/2017 20:30	81000	123.732	19.686	278.718	41866.621	46595.633	30.561	31.685	23.885	1.021	14.804
5/11/2017 20:45	81900	123.766	19.684	278.796	41870.066	46601.715	30.565	31.689	23.883	1.021	14.801
5/11/2017 21:00	82800	123.847	19.685	278.847	41888.641	46621.523	30.579	31.703	23.873	1.021	14.803
5/11/2017 21:15	83700	123.819	19.681	278.913	41867.563	46602.379	30.565	31.69	23.885	1.021	14.805
5/11/2017 21:30	84600	123.848	19.686	278.98	41858.68	46586.711	30.554	31.679	23.89	1.021	14.802
5/11/2017 21:45	85500	123.866	19.684	279.02	41858.984	46589.824	30.556	31.681	23.89	1.021	14.806
5/11/2017 22:00	86400	123.896	19.683	279.089	41871.629	46604.066	30.567	31.691	23.883	1.021	14.802
5/11/2017 22:15	87300	123.917	19.685	279.134	41876.453	46607.621	30.569	31.693	23.88	1.021	14.804
5/11/2017 22:30	88200	123.941	19.682	279.189	41855.596	46588.219	30.555	31.68	23.891	1.021	14.801
5/11/2017 22:45	89100	123.966	19.686	279.246	41853.105	46581.293	30.555	31.675	23.893	1.021	14.795
5/11/2017 23:00	90000	123.971	19.683	279.257	41853.75	46584.254	30.552	31.677	23.893	1.021	14.802
5/11/2017 23:15	90900	123.974	19.685	279.264	41863.449	46593.402	30.559	31.684	23.887	1.021	14.808
5/11/2017 23:30	91800	123.983	19.687	279.283	41884.781	46615.422	30.575	31.698	23.875	1.021	14.8
5/11/2017 23:45	92700	123.978	19.682	279.273	41882.914	46618.34	30.577	31.7	23.876	1.021	14.805
5/12/2017 0:00	93600	123.984	19.685	279.285	41860.797	46590.797	30.557	31.682	23.889	1.021	14.8
5/12/2017 0:15	94500	123.977	19.683	279.271	41858.238	46589.855	30.556	31.681	23.89	1.021	14.804
5/12/2017 0:30	95400	123.964	19.684	279.242	41846.563	46575.211	30.546	31.671	23.897	1.021	14.802
5/12/2017 0:45	96300	123.945	19.688	279.199	41840.984	46565.637	30.539	31.665	23.9	1.021	14.801
5/12/2017 1:00	97200	123.927	19.684	279.159	41853.977	46583.73	30.552	31.677	23.893	1.021	14.797
5/12/2017 1:15	98100	123.899	19.686	279.094	41845.66	46572.305	30.544	31.669	23.897	1.021	14.806
5/12/2017 1:30	99000	123.876	19.686	279.044	41894.168	46626.563	30.583	31.706	23.87	1.021	14.802
5/12/2017 1:45	99900	123.83	19.686	278.938	41876.414	46606.531	30.569	31.692	23.88	1.021	14.813
5/12/2017 2:00	100800	123.808	19.684	278.889	41847.066	46576.293	30.546	31.672	23.897	1.021	14.807
5/12/2017 2:15	101700	123.768	19.684	278.799	41867.371	46598.547	30.563	31.687	23.885	1.021	14.802
5/12/2017 2:30	102600	123.728	19.687	278.71	41852.496	46579.059	30.549	31.674	23.893	1.021	14.802
5/12/2017 2:45	103500	123.685	19.687	278.614	41859.785	46587.344	30.555	31.679	23.889	1.021	14.803
5/12/2017 3:00	104400	123.635	19.687	278.499	41865.938	46594.359	30.56	31.684	23.886	1.021	14.807
5/12/2017 3:15	105300	123.591	19.685	278.402	41886.082	46619.031	30.578	31.701	23.874	1.021	14.811
5/12/2017 3:30	106200	123.558	19.686	278.358	41873.594	46603.492	30.566	31.69	23.881	1.021	14.797
5/12/2017 3:45	107100	123.512	19.685	278.222	41866.938	46597.285	30.562	31.686	23.885	1.021	14.801
5/12/2017 4:00	108000	123.465	19.683	278.116	41879.762	46613.207	30.573	31.697	23.878	1.021	14.806
5/12/2017 4:15	108900	123.422	19.682	278.02	41875.48	46610.246	30.571	31.695	23.88	1.021	14.802
5/12/2017 4:30	109800	123.371	19.682	277.906	41877.047	46611.469	30.572	31.696	23.879	1.021	14.811
5/12/2017 4:45	110700	123.332	19.683	277.818	41876.914	46610.641	30.571	31.695	23.88	1.021	14.809
5/12/2017 5:00	111600	123.296	19.684	277.737	41877.563	46610.578	30.571	31.695	23.879	1.021	14.806
5/12/2017 5:15	112500	123.264	19.683	277.663	41860.934	46592.766	30.558	31.683	23.889	1.021	14.81
5/12/2017 5:30	113400	123.23	19.683	277.588	41852.961	46583.461	30.552	31.677	23.893	1.021	14.812
5/12/2017 5:45	114300	123.205	19.68	277.531	41861.797	46596.141	30.561	31.685	23.888	1.021	14.811
5/12/2017 6:00	115200	123.181	19.686	277.477	41858.555	46586.656	30.554	31.679	23.89	1.021	14.81
5/12/2017 6:15	116100	123.158	19.682	277.426	41863.078	46595.84	30.561	31.685	23.887	1.021	14.817
5/12/2017 6:30	117000	123.138	19.681	277.38	41849.023	46580.891	30.55	31.675	23.895	1.021	14.814
5/12/2017 6:45	117900	123.113	19.684	277.365	41847.781	46576.466	30.547	31.673	23.896	1.021	14.81
5/12/2017 7:00	118800	123.127	19.687	277.356	41865.859	46593.676	30.559	31.684	23.886	1.021	14.817
5/12/2017 7:15	119700	123.123	19.685	277.345	41878.625	46609.875	30.571	31.695	23.879	1.021	14.815
5/12/2017 7:30	120600	123.119	19.686	277.337	41853.629	46581.609	30.55	31.675	23.893	1.021	14.818
5/12/2017 7:45	121500	123.129	19.683	277.361	41877.262	46610.855	30.572	31.695	23.879	1.021	14.818
5/12/2017 8:00	122400	123.134	19.683	277.371	41859.867	46591.402	30.557	31.682	23.889	1.021	14.819
5/12/2017 8:15	123300	123.152	19.685	277.413	41859.426	46589.27	30.556	31.681	23.889	1.021	14.815
5/12/2017 8:30	124200	123.199	19.682	277.517	41835.117	46565.137	30.562	31.664	23.903	1.021	14.819
5/12/2017 8:45	125100	123.195	19.682	277.508	41888.961	46625.168	30.582	31.705	23.873	1.021	14.815
5/12/2017 9:00	126000	123.213	19.683	277.55	41829.906	46558.23	30.533	31.66	23.906	1.021	14.818
5/12/2017 9:15	126900	123.247	19.682	277.626	41862.914	46595.656	30.56	31.685	23.887	1.021	14.813
5/12/2017 9:30	127800	123.27	19.684	277.678	41858.977	46589.633	30.556	31.681	23.89	1.021	14.818
5/12/2017 9:45	128700	123.305	19.68	277.756	41849.703	46583.02	30.551	31.676	23.895	1.021	14.812
5/12/2017 10:00	129600	123.316	19.679	277.824	41863.086	46598.624	30.562	31.687	23.887	1.021	14.815
5/12/2017 10:15	130500	123.363	19.68	277.887	41878.023	46614.984	30.574	31.698	23.879	1.021	14.816
5/12/2017 10:30	131400	123.394	19.681	277.957	41834.527	46565.27	30.538	31.664	23.904	1.021	14.815
5/12/2017 10:45	132300	123.424	19.68	278.024	41806.578	46535.457	30.516	31.644	23.92	1.021	14.816
5/12/2017 11:00	133200	123.447	19.68	278.076	41852.438	46586.504	30.554	31.679	23.893	1.021	14.817
5/12/2017 11:15	134100	123.48	19.687	278.152	41888.129	46618.543	30.577	31.701	23.873	1.021	14.812
5/12/2017 11:30	135000	123.503	19.683	278.202	41894.441	46629.547	30.585	31.708	23.87	1.021	14.815
5/12/2017 11:45	135900	123.533	19.68	278.269	41866.176	46591.355	30.565	31.686	23.886	1.021	14.812
5/12/2017 12:00	136800	123.559	19.684	278.329	41854.871	46585.32	30.553	31.678	23.892	1.021	14.808
5/12/2017 12:15	137700	123.572	19.679	278.358	41859.32	46594.938	30.56	31.685	23.89	1.021	14.811
5/12/2017 12:30	138600	123.591	19.679	278.401	41863.293	46599.449	30.563	31.688	23.887	1.021	14.805
5/12/2017 12:45	139500	123.604	1								

5/13/2017 20:15	252900	123.565	19.683	278.341	41886.633	46621.367	30.579	31.703	23.874	1.021	14.722
5/13/2017 20:30	253800	123.573	19.684	278.361	41849.621	46579.223	30.548	31.674	23.895	1.021	14.724
5/13/2017 20:45	254700	123.586	19.684	278.389	41866.516	46597.859	30.562	31.687	23.885	1.021	14.729
5/13/2017 21:00	255600	123.61	19.686	278.443	41893.402	46625.879	30.583	31.706	23.87	1.021	14.724
5/13/2017 21:15	256500	123.631	19.686	278.49	41862.008	46590.938	30.557	31.682	23.888	1.021	14.726
5/13/2017 21:30	257400	123.649	19.683	278.531	41879.77	46613.645	30.574	31.697	23.878	1.021	14.733
5/13/2017 21:45	258300	123.671	19.686	278.581	41876.043	46606.968	30.569	31.693	23.88	1.021	14.73
5/13/2017 22:00	259200	123.696	19.684	278.638	41860.719	46590.969	30.557	31.682	23.889	1.021	14.729
5/13/2017 22:15	260100	123.716	19.683	278.683	41859.578	46590.742	30.557	31.682	23.889	1.021	14.73
5/13/2017 22:30	261000	123.739	19.685	278.734	41858.371	46588.27	30.555	31.68	23.89	1.021	14.729
5/13/2017 22:45	261900	123.759	19.683	278.779	41851.813	46582.961	30.551	31.676	23.894	1.021	14.732
5/13/2017 23:00	262800	123.773	19.687	278.811	41864.098	46592.398	30.558	31.683	23.887	1.021	14.732
5/13/2017 23:15	263700	123.791	19.687	278.852	41882.281	46612.383	30.573	31.696	23.876	1.021	14.73
5/14/2017 23:30	264600	123.806	19.686	278.895	41858.98	46587.712	30.555	31.69	23.89	1.021	14.731
5/13/2017 23:45	265500	123.823	19.683	278.924	41849.07	46579.047	30.548	31.674	23.895	1.021	14.731
5/14/2017 0:00	266400	123.83	19.687	278.939	41878.824	46608.359	30.57	31.694	23.878	1.021	14.73
5/14/2017 0:15	267300	123.845	19.685	278.974	41881.371	46613.352	30.573	31.697	23.877	1.021	14.719
5/14/2017 0:30	268200	123.84	19.685	278.961	41903.395	46638.125	30.592	31.714	23.864	1.021	14.729
5/14/2017 0:45	269100	123.845	19.686	278.973	41885.371	46616.863	30.576	31.699	23.875	1.021	14.725
5/14/2017 1:00	270000	123.87	19.687	278.971	41884.156	46617.954	30.577	31.7	23.875	1.021	14.727
5/14/2017 1:15	270900	123.884	19.684	278.971	41850.98	46580.992	30.55	31.675	23.894	1.021	14.718
5/14/2017 1:30	271800	123.835	19.687	278.95	41862.781	46590.504	30.557	31.682	23.888	1.021	14.718
5/14/2017 1:45	272700	123.822	19.683	278.922	41835.73	46564.199	30.537	31.664	23.903	1.021	14.716
5/14/2017 2:00	273600	123.795	19.688	278.861	41870.223	46597.652	30.562	31.686	23.883	1.021	14.723
5/14/2017 2:15	274500	123.785	19.684	278.838	41872.148	46603.781	30.566	31.691	23.882	1.021	14.721
5/14/2017 2:30	275400	123.766	19.687	278.795	41854.961	46582.496	30.551	31.676	23.892	1.021	14.716
5/14/2017 2:45	276300	123.741	19.683	278.738	41893.301	46624.527	30.585	31.707	23.87	1.021	14.713
5/14/2017 3:00	277200	123.71	19.685	278.669	41872.684	46603.945	30.567	31.691	23.882	1.021	14.709
5/14/2017 3:15	278100	123.675	19.687	278.589	41851.629	46578.266	30.548	31.673	23.894	1.021	14.719
5/14/2017 3:30	279000	123.649	19.686	278.531	41853.273	46580.875	30.55	31.675	23.893	1.021	14.711
5/14/2017 3:45	279900	123.605	19.683	278.433	41869.91	46602.324	30.565	31.69	23.883	1.021	14.716
5/14/2017 4:00	280800	123.57	19.684	278.353	41862.043	46592.879	30.558	31.683	23.888	1.021	14.716
5/14/2017 4:15	281700	123.531	19.686	278.267	41872.172	46602.082	30.565	31.689	23.882	1.021	14.713
5/14/2017 4:30	282600	123.498	19.684	278.192	41870.113	46602.027	30.565	31.689	23.883	1.021	14.708
5/14/2017 4:45	283500	123.456	19.687	278.097	41858.992	46586.629	30.554	31.679	23.89	1.021	14.711
5/14/2017 5:00	284400	123.416	19.686	278.007	41891.484	46623.402	30.581	31.704	23.871	1.021	14.711
5/14/2017 5:15	285300	123.377	19.685	277.918	41863.559	46593.449	30.559	31.684	23.887	1.021	14.708
5/14/2017 5:30	286200	123.349	19.683	277.857	41847.582	46577.641	30.547	31.673	23.896	1.021	14.703
5/14/2017 5:45	287100	123.315	19.685	277.778	41863.313	46592.996	30.559	31.683	23.887	1.021	14.701
5/14/2017 6:00	288000	123.265	19.684	277.667	41873.086	46605.074	30.567	31.691	23.882	1.021	14.709
5/14/2017 6:15	288900	123.242	19.68	277.614	41850.316	46583.363	30.551	31.677	23.895	1.021	14.707
5/14/2017 6:30	289800	123.203	19.685	277.527	41873.648	46604.93	30.567	31.691	23.881	1.021	14.712
5/14/2017 6:45	290700	123.174	19.683	277.462	41840.375	46570.137	30.542	31.668	23.9	1.021	14.713
5/14/2017 7:00	291600	123.155	19.682	277.418	41866.055	46599.574	30.563	31.688	23.886	1.021	14.709
5/14/2017 7:15	292500	123.135	19.683	277.374	41847.719	46578.145	30.548	31.673	23.896	1.021	14.708
5/14/2017 7:30	293400	123.112	19.687	277.321	41895.715	46627.332	30.584	31.707	23.869	1.021	14.715
5/14/2017 7:45	294300	123.098	19.682	277.291	41848.445	46579.973	30.549	31.674	23.896	1.021	14.712
5/14/2017 8:00	295200	123.089	19.682	277.271	41837.652	46567.539	30.54	31.666	23.902	1.021	14.711
5/14/2017 8:15	296100	123.078	19.684	277.245	41879.172	46611.68	30.572	31.696	23.878	1.021	14.718
5/14/2017 8:30	297000	123.082	19.683	277.254	41836.09	46564.848	30.538	31.664	23.903	1.021	14.712
5/14/2017 8:45	297900	123.076	19.683	277.241	41863.727	46596.129	30.561	31.685	23.887	1.021	14.717
5/14/2017 9:00	298800	123.09	19.682	277.272	41856.211	46588.02	30.555	31.68	23.891	1.021	14.713
5/14/2017 9:15	299700	123.095	19.682	277.283	41851.473	46582.746	30.551	31.676	23.894	1.021	14.717
5/14/2017 9:30	300600	123.133	19.685	277.369	41850.715	46578.973	30.548	31.674	23.894	1.021	14.719
5/14/2017 9:45	301500	123.118	19.684	277.336	41859.777	46590.523	30.557	31.682	23.889	1.021	14.719
5/14/2017 10:00	302400	123.133	19.68	277.369	41872.391	46607.934	30.569	31.693	23.882	1.021	14.718
5/14/2017 10:15	303300	123.163	19.681	277.438	41855.609	46588.652	30.555	31.68	23.892	1.021	14.713
5/14/2017 10:30	304200	123.188	19.681	277.493	41847.176	46578.832	30.548	31.674	23.896	1.021	14.709
5/14/2017 10:45	305100	123.203	19.683	277.524	41844.483	46574.714	30.545	31.671	23.898	1.021	14.717
5/14/2017 11:00	306000	123.218	19.682	277.56	41869.445	46603.008	30.566	31.69	23.884	1.021	14.723
5/14/2017 11:15	306900	123.255	19.683	277.643	41853.801	46584.992	30.553	31.678	23.893	1.021	14.716
5/14/2017 11:30	307800	123.282	19.68	277.704	41861.637	46596.043	30.561	31.685	23.888	1.021	14.714
5/14/2017 11:45	308700	123.309	19.681	277.765	41866.652	46600.762	30.564	31.689	23.885	1.021	14.715
5/14/2017 12:00	309600	123.333	19.681	277.821	41859.094	46592.953	30.558	31.683	23.89	1.021	14.719
5/14/2017 12:15	310500	123.36	19.681	277.88	41873.453	46609.035	30.57	31.694	23.881	1.021	14.721
5/14/2017 12:30	311400	123.376	19.682	277.916	41847.164	46577.867	30.547	31.673	23.896	1.021	14.726
5/14/2017 12:45	312300	123.402	19.682	277.976	41876.148	46610.734	30.571	31.695	23.88	1.021	14.726
5/14/2017 13:00	313200	123.423	19.683	278.022	41855.605	46586.32	30.554	31.679	23.892	1.021	14.725
5/14/2017 13:15	314100	123.445	19.679	278.071	41849.988	46584.551	30.552	31.677	23.895	1.021	14.722
5/14/2017 13:30	315000	123.464	19.68	278.116	41856.945	46591.34	30.557	31.682	23.891	1.021	14.722
5/14/2017 13:45	315900	123.473	19.68	278.134	41853.094	46586.531	30.554	31.679	23.893	1.021	14.728
5/14/2017 14:00	316800	123.482	19.682	278.176	41877.332	46612.309	30.573	31.696	23.879	1.021	14.729
5/14/2017 14:15	317700	123.498	19.683	278.191	41850.848	46581.539	30.55	31.675	23.894	1.021	14.723
5/14/2017 14:30	318600	123.506	19.68	278.209	41856.953	46590.75	30.557	31.682	23.891	1.021	14.726
5/14/2017 14:45	319500	123.518	19.678	278.236	41833.75	46567.168	30.539	31.666	23.904	1.021	14.721
5/14/2017 15:00	320400	123.52	19.681	278.241	41869.445	46604.301	30.567	31.691	23.884	1.021	14.718
5/14/2017 15:15	321300	123.525	19.684	278.251	41905.043	46640.301	30.593	31.715	23.863	1.021	14.713
5/14/2017 15:30	322200	123.522	19.682	278.246	41890.852	46627.273	30.584	31.707	23.872	1.021	14.715
5/14/2017 15:45	323100	123.517	19.681	278.234	41874.047	46608.098	30.571	31.695	23.881	1.021	14.716
5/14/2017 16:00	324000	123.516	19.683	278.232	41869.719	46602.281	30.565	31.69	23.884	1.021	14.714
5/14/2017 16:15	324900	123.513	19.683	278.224	41899.766	46635.813	30.59	31.712	23.866	1.021	14.71
5/14/2017 16:30	325800	123.508	19.681	278.215	41885.828	46622.711	30.58	31.703	23.874	1.021	14.711

5/16/2017 0:15	440100	123.679	19.685	278.6	41860.285	46590.227	30.557	31.681	23.889	1.021	14.752
5/16/2017 0:30	441000	123.702	19.684	278.65	41871.945	46603.637	30.566	31.69	23.882	1.021	14.749
5/16/2017 0:45	441900	123.712	19.683	278.674	41884.633	46619.492	30.578	31.701	23.875	1.021	14.748
5/16/2017 1:00	442800	123.724	19.688	278.701	41866.82	46594.23	30.56	31.684	23.885	1.021	14.746
5/16/2017 1:15	443700	123.73	19.683	278.714	41883.383	46617.406	30.576	31.7	23.876	1.021	14.747
5/16/2017 1:30	444600	123.738	19.682	278.731	41874.055	46607.883	30.569	31.693	23.881	1.021	14.744
5/16/2017 1:45	445500	123.741	19.68	278.741	41852.176	46585.867	30.553	31.678	23.894	1.021	14.746
5/16/2017 2:00	446400	123.74	19.681	278.737	41873.398	46508.02	30.569	31.693	23.882	1.021	14.752
5/16/2017 2:15	447300	123.741	19.683	278.739	41874.535	46607.473	30.569	31.693	23.881	1.021	14.745
5/16/2017 2:30	448200	123.731	19.682	278.717	41871.605	46605.25	30.567	31.692	23.883	1.021	14.749
5/16/2017 2:45	449100	123.734	19.682	278.722	41878.574	46612.91	30.573	31.697	23.879	1.021	14.747
5/16/2017 3:00	450000	123.727	19.682	278.708	41871.598	46605.238	30.567	31.692	23.883	1.021	14.743
5/16/2017 3:15	450900	123.708	19.681	278.663	41884.914	46621.27	30.579	31.702	23.875	1.021	14.751
5/16/2017 3:30	451800	123.691	19.684	278.627	41853.367	46583.648	30.552	31.677	23.893	1.021	14.749
5/16/2017 3:45	452700	123.685	19.685	278.611	41857.184	46586.512	30.554	31.679	23.891	1.021	14.742
5/16/2017 4:00	453600	123.655	19.682	278.544	41840.969	46571.578	30.543	31.669	23.9	1.021	14.751
5/16/2017 4:15	454500	123.634	19.682	278.498	41871.133	46604.547	30.567	31.691	23.883	1.021	14.744
5/16/2017 4:30	455400	123.607	19.684	278.437	41872.73	46605.031	30.567	31.691	23.882	1.021	14.749
5/16/2017 4:45	456300	123.579	19.685	278.374	41887.074	46620.137	30.578	31.702	23.874	1.021	14.749
5/16/2017 5:00	457200	123.552	19.682	278.307	41876.199	46610.359	30.571	31.695	23.88	1.021	14.75
5/16/2017 5:15	458100	123.514	19.681	278.227	41874.43	46609.508	30.571	31.694	23.881	1.021	14.754
5/16/2017 5:30	459000	123.483	19.685	278.158	41856.855	46585.891	30.553	31.678	23.891	1.021	14.751
5/16/2017 5:45	459900	123.451	19.685	278.085	41852.273	46581.313	30.55	31.675	23.894	1.021	14.749
5/16/2017 6:00	460800	123.421	19.684	278.018	41870.539	46602.418	30.565	31.69	23.883	1.021	14.747
5/16/2017 6:15	461700	123.386	19.683	277.939	41841.129	46570.457	30.542	31.668	23.9	1.021	14.751
5/16/2017 6:30	462600	123.349	19.684	277.856	41859.152	46589.664	30.556	31.681	23.89	1.021	14.752
5/16/2017 6:45	463500	123.314	19.682	277.777	41872.234	46605.773	30.568	31.692	23.882	1.021	14.756
5/16/2017 7:00	464400	123.281	19.684	277.703	41873.305	46605.836	30.568	31.692	23.882	1.021	14.76
5/16/2017 7:15	465300	123.253	19.686	277.639	41871.113	46601.242	30.565	31.689	23.883	1.021	14.76
5/16/2017 7:30	466200	123.223	19.683	277.571	41867.738	46600.074	30.564	31.688	23.885	1.021	14.762
5/16/2017 7:45	467100	123.194	19.682	277.507	41865.598	46598.563	30.563	31.687	23.886	1.021	14.763
5/16/2017 8:00	468000	123.17	19.681	277.451	41863.469	46597.574	30.562	31.686	23.887	1.021	14.762
5/16/2017 8:15	468900	123.148	19.683	277.403	41889.668	46604.806	30.582	31.705	23.872	1.021	14.762
5/16/2017 8:30	469800	123.132	19.681	277.367	41882.996	46619.477	30.578	31.701	23.876	1.021	14.765
5/16/2017 8:45	470700	123.107	19.681	277.312	41865.371	46599.52	30.563	31.688	23.886	1.021	14.768
5/16/2017 9:00	471600	123.086	19.679	277.264	41865.355	46601.398	30.564	31.689	23.886	1.021	14.772
5/16/2017 9:15	472500	123.076	19.681	277.24	41871.098	46606.23	30.568	31.692	23.883	1.021	14.771
5/16/2017 9:30	473400	123.074	19.682	277.236	41869.621	46603.039	30.566	31.69	23.884	1.021	14.768
5/16/2017 9:45	474300	123.06	19.678	277.205	41826.734	46559.094	30.534	31.66	23.908	1.021	14.776
5/16/2017 10:00	475200	123.06	19.678	277.206	41859.516	46596.453	30.561	31.686	23.889	1.021	14.789
5/16/2017 10:15	476100	123.066	19.68	277.217	41822.926	46552.875	30.529	31.656	23.91	1.021	14.771
5/16/2017 10:30	477000	123.075	19.68	277.238	41836.75	46568.695	30.541	31.667	23.902	1.021	14.77
5/16/2017 10:45	477900	123.075	19.68	277.238	41836.223	46568.539	30.54	31.667	23.903	1.021	14.775
5/16/2017 11:00	478800	123.093	19.683	277.279	41841.316	46570.668	30.542	31.668	23.9	1.021	14.77
5/16/2017 11:15	479700	123.108	19.681	277.312	41869.344	46603.758	30.566	31.691	23.884	1.021	14.771
5/16/2017 11:30	480600	123.117	19.68	277.333	41830.688	46512.031	30.525	31.662	23.906	1.021	14.776
5/16/2017 11:45	481500	123.138	19.68	277.381	41870.324	46606.156	30.568	31.692	23.883	1.021	14.779
5/16/2017 12:00	482400	123.157	19.684	277.423	41862.199	46592.957	30.559	31.683	23.888	1.021	14.776
5/16/2017 12:15	483300	123.188	19.683	277.492	41893.324	46628.645	30.585	31.707	23.87	1.021	14.771
5/16/2017 12:30	484200	123.199	19.683	277.518	41890.43	46625.945	30.583	31.706	23.872	1.021	14.78
5/16/2017 12:45	485100	123.226	19.679	277.579	41888.711	46627.055	30.583	31.706	23.873	1.021	14.78
5/16/2017 13:00	486000	123.246	19.685	277.623	41867.02	46597.379	30.562	31.686	23.885	1.021	14.78
5/16/2017 13:15	486900	123.277	19.677	277.693	41897.293	46639.103	30.592	31.715	23.868	1.021	14.783
5/16/2017 13:30	487800	123.303	19.681	277.753	41862.063	46596.176	30.561	31.685	23.888	1.021	14.778
5/16/2017 13:45	488700	123.325	19.681	277.802	41866.266	46600.082	30.564	31.688	23.886	1.021	14.784
5/16/2017 14:00	489600	123.346	19.681	277.849	41881.313	46617.078	30.576	31.7	23.877	1.021	14.784
5/16/2017 14:15	490500	123.37	19.681	277.903	41848.844	46581.461	30.55	31.675	23.896	1.021	14.785
5/16/2017 14:30	491400	123.394	19.683	277.958	41864.531	46597.117	30.562	31.686	23.887	1.021	14.784
5/16/2017 14:45	492300	123.412	19.687	277.988	41922.441	46656.988	30.605	31.727	23.854	1.021	14.78
5/16/2017 15:00	493200	123.431	19.683	278.041	41859.633	46591.234	30.557	31.682	23.889	1.021	14.784
5/16/2017 15:15	494100	123.449	19.682	278.081	41860.891	46593.406	30.559	31.684	23.889	1.021	14.781
5/16/2017 15:30	495000	123.463	19.681	278.112	41881.539	46617.688	30.576	31.7	23.877	1.021	14.782
5/16/2017 15:45	495900	123.469	19.682	278.127	41896.672	46633.75	30.588	31.711	23.868	1.021	14.786
5/16/2017 16:00	496800	123.488	19.679	278.17	41858.707	46594.43	30.559	31.684	23.89	1.021	14.777
5/16/2017 16:15	497700	123.494	19.683	278.181	41867.129	46599.918	30.564	31.688	23.885	1.021	14.78
5/16/2017 16:30	498600	123.504	19.681	278.205	41865.266	46585.105	30.553	31.678	23.894	1.021	14.784
5/16/2017 16:45	499500	123.51	19.683	278.218	41864.07	46596.422	30.561	31.686	23.887	1.021	14.776
5/16/2017 17:00	500400	123.505	19.682	278.206	41868.438	46601.887	30.565	31.689	23.884	1.021	14.774
5/16/2017 17:15	501300	123.511	19.682	278.221	41868.07	46601.918	30.565	31.689	23.885	1.021	14.778
5/16/2017 17:30	502200	123.512	19.682	278.223	41881.656	46616.344	30.576	31.699	23.877	1.021	14.774
5/16/2017 17:45	503100	123.503	19.68	278.203	41880.895	46617.477	30.576	31.7	23.877	1.021	14.778
5/16/2017 18:00	504000	123.498	19.681	278.191	41877.57	46614.591	30.574	31.698	23.879	1.021	14.78
5/16/2017 18:15	504900	123.498	19.679	278.191	41859.992	46595.773	30.56	31.685	23.889	1.021	14.776
5/16/2017 18:30	505800	123.489	19.68	278.172	41865.813	46601.207	30.564	31.689	23.886	1.021	14.779
5/16/2017 18:45	506700	123.485	19.681	278.161	41863.652	46597.422	30.562	31.686	23.887	1.021	14.77
5/16/2017 19:00	507600	123.476	19.679	278.142	41854.723	46589.387	30.556	31.681	23.892	1.021	14.774
5/16/2017 19:15	508500	123.462	19.68	278.11	41884.492	46622.266	30.58	31.703	23.875	1.021	14.777
5/16/2017 19:30	509400	123.462	19.68	278.111	41892.633	46630.633	30.586	31.709	23.871	1.021	14.772
5/16/2017 19:45	510300	123.456	19.685	278.097	41882.926	46615.287	30.575	31.698	23.876	1.021	14.776
5/16/2017 20:00	511200	123.444	19.682	278.069	41852.234	46583.512	30.552	31.677	23.894	1.021	14.776
5/16/2017 20:15	512100	123.442	19.681	278.065	41858.531	46592.152	30.558	31.683	23.89	1.021	14.775
5/16/2017 20:30	513000	123.444	19.683	278.069	41849.133	46579.887	30.549	31.674	23.895	1.021	14.771
5/16/2017 20											

Report Date: 5/19/2017 8:54
Report User Name: AVanHaitsma
Report Computer Name: WKST34
Application: WinSitu.exe
Application Version: 5.6.25.0

Log File Properties
File Name: MPWSP MW-3M Pre Test_2017-05-18_12-36-47-660.wsl
Create Date: 5/18/2017 12:36

Device Properties
Device: Aqua TROLL 200
Site: MPWSP MW-3M
Device Name:
Serial Number: 395601
Firmware Version: 2
Hardware Version: 3
Device Address: 1
Device Comm Cfg: 19200 8 Even 1 (Modbus-RTU)
Used Memory: 64
Used Battery: 28

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

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

Other Log Settings
Depth of Probe: 145.449 (ft)
Head Pressure: 64.5694 (PSI)
Temperature: 17.0644 (C)
Specific Conductivity Model: Standard Methods
Reference Temperature: 25
Temperature Coefficient: 0.0191
TDS Factor: 0.68

Log Notes:
Date and Time Note
8/4/2016 9:51 Sensor SN: 395601 Factory calibration has expired.: 12/15/2015 5:21:19 PM
8/4/2016 9:51 Used Battery: 28% Used Memory: 67% User Name: SKuiper
8/4/2016 18:34 Log Download - Used Battery: 28% Used Memory: 67% User Name: SKuiper
8/11/2016 13:16 Log Download - Used Battery: 28% Used Memory: 67% User Name: ELinden Interval - Start Time: 8/3/2016 7:00:00 AM Stop Time: 8/11/2016 2:15:00 PM
8/18/2016 9:21 Log Download - Used Battery: 29% Used Memory: 68% User Name: SKuiper Interval - Start Time: 8/10/2016 10:00:00 PM Stop Time: 8/18/2016 9:15:00 AM
8/25/2016 16:07 Log Download - Used Battery: 29% Used Memory: 68% User Name: ELinden Interval - Start Time: 8/17/2016 10:00:00 PM Stop Time: 8/25/2016 5:00:00 PM
9/1/2016 12:59 Log Download - Used Battery: 29% Used Memory: 70% User Name: skuiper Interval - Start Time: 7/31/2016 10:00:00 PM Stop Time: 9/1/2016 1:45:00 PM
9/8/2016 11:13 Log Download - Used Battery: 30% Used Memory: 70% User Name: SKuiper Interval - Start Time: 8/31/2016 10:00:00 PM Stop Time: 9/8/2016 11:00:00 AM
9/15/2016 18:58 Log Download - Used Battery: 30% Used Memory: 71% User Name: ANorris Interval - Start Time: 9/7/2016 10:00:00 PM Stop Time: 9/15/2016 7:45:00 PM
9/22/2016 15:14 Log Download - Used Battery: 30% Used Memory: 71% User Name: ANorris Interval - Start Time: 9/14/2016 10:00:00 PM Stop Time: 9/22/2016 9:00:00 PM
10/2/2016 8:04 Log Download - Used Battery: 31% Used Memory: 73% User Name: ANorris Interval - Start Time: 9/21/2016 10:00:00 PM Stop Time: 10/2/2016 9:00:00 AM
10/7/2016 18:04 Log Download - Used Battery: 31% Used Memory: 73% User Name: SKuiper Interval - Start Time: 9/28/2016 10:00:00 PM Stop Time: 10/7/2016 6:00:00 PM
10/13/2016 9:44 Log Download - Used Battery: 31% Used Memory: 75% User Name: SKuiper Interval - Start Time: 10/5/2016 10:00:00 PM Stop Time: 10/13/2016 9:30:00 AM
10/20/2016 8:55 Log Download - Used Battery: 32% Used Memory: 75% User Name: SKuiper Interval - Start Time: 10/12/2016 10:00:00 PM Stop Time: 10/20/2016 8:45:00 AM
10/27/2016 10:03 Log Download - Used Battery: 32% Used Memory: 76% User Name: SKuiper Interval - Start Time: 10/19/2016 10:00:00 PM Stop Time: 10/27/2016 10:45:00 AM
11/3/2016 8:57 Log Download - Used Battery: 32% Used Memory: 76% User Name: SKuiper Interval - Start Time: 9/30/2016 10:00:00 PM Stop Time: 11/3/2016 10:45:00 AM
11/10/2016 13:07 Log Download - Used Battery: 33% Used Memory: 78% User Name: SKuiper Interval - Start Time: 11/2/2016 10:00:00 PM Stop Time: 11/10/2016 1:00:00 PM
11/17/2016 8:17 Log Download - Used Battery: 33% Used Memory: 78% User Name: SKuiper Interval - Start Time: 11/9/2016 10:00:00 PM Stop Time: 11/17/2016 10:15:00 AM
11/24/2016 15:09 Log Download - Used Battery: 34% Used Memory: 79% User Name: SKuiper Interval - Start Time: 11/15/2016 10:00:00 PM Stop Time: 11/24/2016 3:00:00 PM
12/1/2016 13:58 Log Download - Used Battery: 34% Used Memory: 79% User Name: SKuiper Interval - Start Time: 10/31/2016 10:00:00 PM Stop Time: 12/1/2016 1:45:00 PM
12/8/2016 8:48 Log Download - Used Battery: 34% Used Memory: 81% User Name: SKuiper Interval - Start Time: 11/30/2016 10:00:00 PM Stop Time: 12/8/2016 8:45:00 AM
12/15/2016 8:10 Log Download - Used Battery: 35% Used Memory: 81% User Name: SKuiper Interval - Start Time: 12/7/2016 10:00:00 PM Stop Time: 12/15/2016 8:00:00 AM
12/22/2016 18:59 Log Download - Used Battery: 35% Used Memory: 82% User Name: ANorris Interval - Start Time: 12/14/2016 10:00:00 PM Stop Time: 12/22/2016 7:45:00 PM
1/5/2017 14:30 Log Download - Used Battery: 36% Used Memory: 84% User Name: SKuiper Interval - Start Time: 11/30/2016 10:00:00 PM Stop Time: 1/5/2017 2:30:00 PM
1/12/2017 8:49 Log Download - Used Battery: 36% Used Memory: 85% User Name: SKuiper Interval - Start Time: 1/4/2017 10:00:00 PM Stop Time: 1/12/2017 8:45:00 AM
1/19/2017 10:02 Log Download - Used Battery: 36% Used Memory: 85% User Name: EHernandez Interval - Start Time: 1/11/2017 10:00:00 PM Stop Time: 1/19/2017 11:00:00 AM
1/26/2017 13:31 Log Download - Used Battery: 37% Used Memory: 87% User Name: SKuiper Interval - Start Time: 1/18/2017 10:00:00 PM Stop Time: 1/26/2017 1:30:00 PM
2/2/2017 7:55 Log Download - Used Battery: 37% Used Memory: 87% User Name: WMassoll Interval - Start Time: 12/31/2016 10:00:00 PM Stop Time: 2/2/2017 7:45:00 AM
2/9/2017 10:53 Log Download - Used Battery: 38% Used Memory: 89% User Name: EHernandez Interval - Start Time: 2/1/2017 12:00:00 AM Stop Time: 2/9/2017 11:45:00 AM
2/16/2017 13:53 Log Download - Used Battery: 38% Used Memory: 89% User Name: WMassoll Interval - Start Time: 2/8/2017 10:00:00 PM Stop Time: 2/16/2017 2:45:00 PM
2/23/2017 8:39 Log Download - Used Battery: 38% Used Memory: 90% User Name: EHernandez Interval - Start Time: 2/15/2017 12:00:00 AM Stop Time: 2/23/2017 9:30:00 AM
3/2/2017 10:31 Log Download - Used Battery: 39% Used Memory: 90% User Name: SKuiper Interval - Start Time: 1/31/2017 10:00:00 PM Stop Time: 3/2/2017 10:30:00 AM
3/9/2017 17:11 Log Download - Used Battery: 39% Used Memory: 92% User Name: WMassoll Interval - Start Time: 3/1/2017 11:30:00 PM Stop Time: 3/9/2017 6:00:00 PM
3/16/2017 16:22 Log Download - Used Battery: 39% Used Memory: 92% User Name: WMassoll Interval - Start Time: 3/8/2017 10:00:00 PM Stop Time: 3/16/2017 7:15:00 PM
3/23/2017 10:41 Log Download - Used Battery: 40% Used Memory: 93% User Name: AVanHaitsma Interval - Start Time: 3/15/2017 10:00:00 PM Stop Time: 3/23/2017 11:30:00 AM
3/30/2017 8:51 Log Download - Used Battery: 40% Used Memory: 93% User Name: AVanHaitsma Interval - Start Time: 3/22/2017 10:00:00 PM Stop Time: 3/30/2017 9:45:00 AM
4/6/2017 16:43 Log Download - Used Battery: 40% Used Memory: 95% User Name: WMassoll Interval - Start Time: 2/28/2017 12:00:00 PM Stop Time: 4/6/2017 5:30:00 PM
4/13/2017 14:21 Log Download - Used Battery: 41% Used Memory: 95% User Name: SKuiper Interval - Start Time: 4/5/2017 10:00:00 PM Stop Time: 4/13/2017 3:00:00 PM
4/20/2017 8:32 Log Download - Used Battery: 41% Used Memory: 96% User Name: AVanHaitsma Interval - Start Time: 4/12/2017 10:00:00 PM Stop Time: 4/20/2017 9:30:00 AM
4/27/2017 18:15 Log Download - Used Battery: 41% Used Memory: 96% User Name: WMassoll Interval - Start Time: 4/19/2017 10:00:00 PM Stop Time: 4/27/2017 6:15:00 PM
5/4/2017 8:29 Log Download - Used Battery: 42% Used Memory: 98% User Name: AVanHaitsma Interval - Start Time: 3/31/2017 10:00:00 PM Stop Time: 5/4/2017 9:15:00 AM
5/10/2017 15:38 Log Download - Used Battery: 42% Used Memory: 98% User Name: AVanHaitsma Interval - Start Time: 5/3/2017 10:00:00 PM Stop Time: 5/10/2017 3:30:00 PM
5/11/2017 8:37 Log Download - Used Battery: 42% Used Memory: 98% User Name: AVanHaitsma Interval - Start Time: 5/3/2017 10:00:00 PM Stop Time: 5/11/2017 9:30:00 AM
5/18/2017 12:36 Log Download - Used Battery: 43% Used Memory: 100% User Name: WMassoll Interval - Start Time: 5/10/2017 10:00:00 PM Stop Time: 5/18/2017 1:30:00 PM

Log Data:
Record Count: 731
Sensors: 1
1 395601 PCTD 100 PSIG (70m/231ft)

Time Zone: Pacific Daylight Time

Date and Time	Elapsed Time Seconds	Sensor: PCTD(G) 231ft	Sensor: PCTD(G) 231ft	Sensor: PCTD(G) 231ft	Sensor: PCTD(G) 231ft	Sensor: PCTD(G) 231ft	Sensor: PCTD(G) 231ft	Sensor: PCTD(G) 231ft	Sensor: PCTD(G) 231ft	Sensor: PCTD(G) 231ft	
		SN#: 395601 Pressure (PSI)	SN#: 395601 Temperature (C)	SN#: 395601 Depth (ft)	SN#: 395601 Actual Conductivity (µS)	SN#: 395601 Specific Conductivity (µS)	SN#: 395601 Salinity (PSU)	SN#: 395601 Total Dissolved Solids (ppt)	SN#: 395601 Resistivity (ohm-cm)	SN#: 395601 Water Density (g/cm3)	
5/11/2017 0:00		7200	65.648	17.103	147.878	34649.449	40803.75	26.259	27.747	28.86	1.019
5/11/2017 0:15		8100	65.646	17.103	147.874	34667.496	40825.328	26.274	27.761	28.845	1.019
5/11/2017 0:30		9000	65.647	17.103	147.876	34674.473	40833.145	26.28	27.767	28.84	1.019
5/11/2017 0:45		9900	65.658	17.103	147.902	34660.621	40817.148	26.268	27.756	28.851	1.019
5/11/2017 1:00		10800	65.645	17.103	147.873	34661.113	40817.414	26.269	27.756	28.851	1.019
5/11/2017 1:15		11700	65.643	17.103	147.868	34670.793	40828.965	26.277	27.764	28.843	1.019
5/11/2017 1:30		12600	65.64	17.103	147.861	34665.141	40822.469	26.272	27.759	28.847	1.019
5/11/2017 1:45		13500	65.654	17.104	147.891	34659.859	40815.445	26.267	27.755	28.852	1.019
5/11/2017 2:00		14400	65.647	17.104	147.876	34669.176	40826.656	26.275	27.762	28.844	1.019
5/11/2017 2:15		15300	65.642	17.104	147.865	34667.203	40824.332	26.274	27.761	28.846	1.019
5/11/2017 2:30		16200	65.638	17.104	147.856	34661.32	40817.496	26.269	27.756	28.851	1.019
5/11/2017 2:45		17100	65.625	17.103	147.826	34670.105	40828.004	26.276	27.763	28.843	1.019
5/11/2017 3:00		18000	65.631	17.103	147.84	34654.723	40809.887	26.263	27.751	28.856	1.019
5/11/2017 3:15		18900	65.627	17.104	147.831	34669.035	40826.406	26.275	27.762	28.844	1.019
5/11/2017 3:30		19800	65.62	17.104	147.816	34666.836	40823.816	26.273	27.76	28.846	1.019
5/11/2017 3:45		20700	65.601	17.103	147.772	34622.438	40771.867	26.236	27.725	28.883	1.019
5/11/2017 4:00		21600	65.594	17.103	147.756	34658.598	40815.008	26.267	27.754	28.853	1.019
5/11/2017 4:15		22500	65.602	17.104	147.776	34654.828	40809.52	26.263	27.75	28.856	1.019
5/11/2017 4:30		23400	65.595	17.103	147.76	34648.25	40802.266	26.258	27.746	28.861	1.019
5/11/2017 4:45		24300	65.589	17.104	147.745	34640.969	40793.438	26.252	27.74	28.868	1.019
5/11/2017 5:00		25200	65.588	17.102	147.743	34664.266	40822.086	26.272	27.759	28.848	1.019
5/11/2017 5:15		26100	65.568	17.104	147.699	34677.379	40836.406	26.282	27.769	28.837	1.019
5/11/2017 5:30		27000	65.56	17.103	147.68	34645.707	40799.738	26.256	27.744	28.864	1.019
5/11/2017 5:45		27900	65.573	17.103	147.709	34647.203	40801.59	26.257	27.745	28.862	1.019
5/11/2017 6:00		28800	65.568	17.103	147.699	34633.922	40785.949	26.246	27.734	28.873	1.019
5/11/2017 6:15		29700	65.55	17.103	147.657	34627.555	40778.523	26.241	27.729	28.879	1.019
5/11/2017 6:30		30600	65.548	17.103	147.652	34645.141	40798.512	26.255	27.743	28.864	1.019
5/11/2017 6:45		31500	65.559	17.103	147.677	34652.773	40808.148	26.262	27.75	28.858	1.019
5/11/2017 7:00		32400	65.56	17.103	147.68	34640.395	40793.086	26.251	27.739	28.868	1.019
5/11/2017 7:15		33300	65.542	17.103	147.64	34628.383	40779.59	26.242	27.73	28.878	1.019
5/11/2017 7:30		34200	65.543	17.103	147.642	34647.137	40801.512	26.257	27.745	28.862	1.019
5/11/2017 7:45		35100	65.554	17.103	147.667	34633.016	40784.953	26.246	27.734	28.874	1.019
5/11/2017 8:00		36000	65.536	17.103	147.626	34626.5	40777.121	26.24	27.728	28.88	1.019
5/11/2017 8:15		36900	65.543	17.103	147.642	34630.18	40781.543	26.243	27.731	28.877	1.019
5/11/2017 8:30		37800	65.553	17.103	147.665	34647.414	40801.594	26.257	27.745	28.862	1.019
5/11/2017 8:45		38700	65.545	17.103	147.647	34634.43	40786.781	26.247	27.735	28.873	1.019
5/11/2017 9:00		39600	65.549	17.103	147.656	34640.32	40793.484	26.252	27.74	28.868	1.019
5/11/2017 9:15		40500	65.565	17.102	147.69	34650.891	40806.496	26.261	27.748	28.859	1.019
5/11/2017 9:30		41400	65.565	17.102	147.692	34617.031	40766.695	26.232	27.721	28.888	1.019
5/11/2017 9:45		42300	65.568	17.102	147.698	34627.074	40778.363	26.241	27.729	28.879	1.019
5/11/2017 10:00		43200	65.577	17.103	147.72	34631.23	40782.621	26.244	27.732	28.876	1.019
5/11/2017 10:15		44100	65.564	17.103	147.69	34632.293	40784.031	26.245	27.733	28.875	1.019
5/11/2017 10:30		45000	65.576	17.103	147.716	34621.258	40771.035	26.236	27.724	28.884	1.019
5/11/2017 10:45		45900	65.582	17.102	147.73	34626.152	40777.438	26.24	27.729	28.88	1.019
5/11/2017 11:00		46800	65.571	17.103	147.706	34610.898	40759	26.227	27.716	28.893	1.019
5/11/2017 11:15		47700	65.587	17.102	147.741	34628.539	40780.332	26.242	27.731	28.878	1.019
5/11/2017 11:30		48600	65.579	17.103	147.722	34608.563	40755.844	26.225	27.714	28.895	1.019
5/11/2017 11:45		49500	65.598	17.102	147.766	34622.629	40773.371	26.237	27.726	28.883	1.019
5/11/2017 12:00		50400	65.584	17.102	147.735	34612.902	40761.598	26.229	27.718	28.891	1.019
5/11/2017 12:15		51300	65.596	17.102	147.763	34613.355	40762.367	26.229	27.718	28.891	1.019
5/11/2017 12:30		52200	65.601	17.102	147.772	34614.852	40763.809	26.23	27.719	28.889	1.019
5/11/2017 12:45		53100	65.59	17.103	147.747	34638.605	40791.629	26.25	27.738	28.87	1.019
5/11/2017 13:00		54000	65.593	17.103	147.754	34598.078	40743.813	26.216	27.706	28.903	1.019
5/11/2017 13:15		54900	65.61	17.102	147.793	34603.824	40751.145	26.221	27.711	28.899	1.019
5/11/2017 13:30		55800	65.607	17.103	147.786	34630.262	40781.48	26.243	27.731	28.876	1.019
5/11/2017 13:45		56700	65.605	17.102	147.782	34628.93	40780.473	26.242	27.731	28.878	1.019
5/11/2017 14:00		57600	65.598	17.103	147.767	34615.035	40763.465	26.23	27.719	28.889	1.019
5/11/2017 14:15		58500	65.608	17.102	147.788	34641.848	40795.762	26.253	27.741	28.867	1.019
5/11/2017 14:30		59400	65.595	17.103	147.759	34628.164	40779.082	26.241	27.73	28.878	1.019
5/11/2017 14:45		60300	65.609	17.103	147.791	34625.453	40776.207	26.239	27.728	28.88	1.019
5/11/2017 15:00		61200	65.611	17.103	147.795	34618.723	40768.215	26.234	27.722	28.886	1.019

5/11/2017 15:15	62100	65.592	17.102	147.753	34638.594	40792.172	26.251	27.739	28.87	1.019
5/11/2017 15:30	63000	65.606	17.103	147.785	34617.879	40767.210	26.233	27.722	28.887	1.019
5/11/2017 15:45	63900	65.588	17.103	147.744	34638.945	40791.539	26.25	27.738	28.869	1.019
5/11/2017 16:00	64800	65.59	17.103	147.748	34623.594	40773.629	26.237	27.726	28.882	1.019
5/11/2017 16:15	65700	65.601	17.103	147.774	34639.578	40792.051	26.251	27.739	28.869	1.019
5/11/2017 16:30	66600	65.6	17.104	147.771	34631.68	40782.5	26.244	27.732	28.875	1.019
5/11/2017 16:45	67500	65.6	17.103	147.771	34633.941	40785.883	26.246	27.734	28.873	1.019
5/11/2017 17:00	68400	65.584	17.103	147.733	34627.926	40778.563	26.241	27.729	28.878	1.019
5/11/2017 17:15	69300	65.582	17.103	147.729	34634.402	40786.188	26.246	27.735	28.873	1.019
5/11/2017 17:30	70200	65.583	17.103	147.731	34626.742	40776.938	26.24	27.728	28.879	1.019
5/11/2017 17:45	71100	65.584	17.103	147.733	34633.355	40784.727	26.245	27.734	28.874	1.019
5/11/2017 18:00	72000	65.598	17.103	147.767	34622.145	40772.242	26.236	27.725	28.883	1.019
5/11/2017 18:15	72900	65.598	17.103	147.765	34640.91	40794.25	26.252	27.74	28.868	1.019
5/11/2017 18:30	73800	65.584	17.103	147.735	34632.762	40784.496	26.245	27.733	28.874	1.019
5/11/2017 18:45	74700	65.601	17.103	147.773	34627.32	40777.848	26.24	27.729	28.879	1.019
5/11/2017 19:00	75600	65.601	17.103	147.774	34627.395	40778.262	26.241	27.729	28.879	1.019
5/11/2017 19:15	76500	65.604	17.103	147.78	34639.281	40792.426	26.251	27.739	28.869	1.019
5/11/2017 19:30	77400	65.606	17.103	147.785	34637.309	40789.535	26.249	27.737	28.871	1.019
5/11/2017 19:45	78300	65.608	17.103	147.788	34620.652	40770.082	26.235	27.724	28.884	1.019
5/11/2017 20:00	79200	65.606	17.104	147.785	34646.125	40799.512	26.256	27.744	28.863	1.019
5/11/2017 20:15	80100	65.601	17.104	147.773	34606.926	40753.348	26.223	27.712	28.896	1.019
5/11/2017 20:30	81000	65.605	17.103	147.781	34639.566	40792.039	26.251	27.739	28.869	1.019
5/11/2017 20:45	81900	65.622	17.104	147.821	34616.699	40764.859	26.231	27.72	28.888	1.019
5/11/2017 21:00	82800	65.614	17.104	147.803	34637.188	40788.984	26.248	27.737	28.871	1.019
5/11/2017 21:15	83700	65.631	17.103	147.841	34649.691	40804.277	26.259	27.747	28.86	1.019
5/11/2017 21:30	84600	65.623	17.103	147.822	34634.723	40786.895	26.247	27.735	28.873	1.019
5/11/2017 21:45	85500	65.644	17.103	147.869	34640.609	40793.5	26.252	27.74	28.868	1.019
5/11/2017 22:00	86400	65.644	17.104	147.869	34633.988	40785.219	26.246	27.734	28.873	1.019
5/11/2017 22:15	87300	65.637	17.103	147.855	34645.789	40799.438	26.256	27.744	28.864	1.019
5/11/2017 22:30	88200	65.649	17.104	147.881	34645.098	40798.391	26.255	27.743	28.864	1.019
5/11/2017 22:45	89100	65.656	17.104	147.896	34659.477	40815.234	26.267	27.754	28.852	1.019
5/11/2017 23:00	90000	65.659	17.103	147.904	34659.16	40815.113	26.267	27.754	28.852	1.019
5/11/2017 23:15	90900	65.648	17.103	147.879	34663.223	40820.211	26.271	27.758	28.849	1.019
5/11/2017 23:30	91800	65.663	17.104	147.913	34625.566	40775.301	26.239	27.727	28.88	1.019
5/11/2017 23:45	92700	65.665	17.104	147.916	34643.191	40795.656	26.253	27.741	28.866	1.019
5/12/2017 0:00	93600	65.671	17.104	147.931	34628.809	40779.117	26.241	27.73	28.878	1.019
5/12/2017 0:15	94500	65.672	17.104	147.933	34642.891	40795.703	26.253	27.741	28.866	1.019
5/12/2017 0:30	95400	65.659	17.104	147.904	34660.488	40816.266	26.268	27.755	28.851	1.019
5/12/2017 0:45	96300	65.661	17.104	147.907	34642.02	40794.594	26.252	27.74	28.867	1.019
5/12/2017 1:00	97200	65.671	17.104	147.931	34662.996	40819.293	26.27	27.757	28.849	1.019
5/12/2017 1:15	98100	65.665	17.104	147.918	34645.199	40798.023	26.255	27.743	28.864	1.019
5/12/2017 1:30	99000	65.658	17.103	147.901	34643.449	40796.766	26.254	27.742	28.865	1.019
5/12/2017 1:45	99900	65.663	17.103	147.913	34625.691	40776.098	26.239	27.728	28.88	1.019
5/12/2017 2:00	100800	65.661	17.103	147.908	34657.781	40813.559	26.266	27.753	28.854	1.019
5/12/2017 2:15	101700	65.656	17.103	147.897	34652.992	40808.32	26.262	27.75	28.858	1.019
5/12/2017 2:30	102600	65.641	17.103	147.862	34643.938	40797.258	26.254	27.742	28.865	1.019
5/12/2017 2:45	103500	65.65	17.104	147.883	34659.488	40815.246	26.267	27.754	28.852	1.019
5/12/2017 3:00	104400	65.647	17.104	147.877	34667.184	40824.07	26.273	27.76	28.846	1.019
5/12/2017 3:15	105300	65.639	17.103	147.858	34622.52	40772.035	26.236	27.725	28.883	1.019
5/12/2017 3:30	106200	65.634	17.103	147.847	34643.254	40796.613	26.254	27.742	28.866	1.019
5/12/2017 3:45	107100	65.629	17.103	147.835	34634.379	40786.086	26.246	27.735	28.873	1.019
5/12/2017 4:00	108000	65.624	17.103	147.825	34613.055	40761.051	26.228	27.718	28.891	1.019
5/12/2017 4:15	108900	65.611	17.103	147.795	34594.758	40739.586	26.213	27.703	28.906	1.019
5/12/2017 4:30	109800	65.607	17.103	147.787	34640.004	40792.953	26.251	27.739	28.868	1.019
5/12/2017 4:45	110700	65.589	17.103	147.745	34644.734	40798.277	26.255	27.743	28.864	1.019
5/12/2017 5:00	111600	65.601	17.104	147.772	34635.039	40786.457	26.247	27.735	28.872	1.019
5/12/2017 5:15	112500	65.577	17.103	147.719	34637.566	40789.594	26.249	27.737	28.87	1.019
5/12/2017 5:30	113400	65.587	17.104	147.741	34641.516	40794.176	26.252	27.74	28.867	1.019
5/12/2017 5:45	114300	65.563	17.103	147.688	34642.172	40795.578	26.253	27.741	28.867	1.019
5/12/2017 6:00	115200	65.576	17.103	147.717	34628.621	40779.305	26.242	27.73	28.878	1.019
5/12/2017 6:15	116100	65.555	17.103	147.669	34626.633	40777.207	26.24	27.729	28.88	1.019
5/12/2017 6:30	117000	65.57	17.103	147.703	34642.645	40796.223	26.254	27.741	28.866	1.019
5/12/2017 6:45	117900	65.561	17.103	147.683	34625.965	40776.336	26.239	27.728	28.88	1.019
5/12/2017 7:00	118800	65.558	17.103	147.675	34624.633	40775.012	26.238	27.727	28.881	1.019
5/12/2017 7:15	119700	65.555	17.103	147.668	34629.832	40781.367	26.243	27.731	28.877	1.019
5/12/2017 7:30	120600	65.552	17.103	147.663	34640.168	40792.98	26.251	27.739	28.868	1.019
5/12/2017 7:45	121500	65.532	17.103	147.618	34621.914	40771.719	26.236	27.725	28.883	1.019
5/12/2017 8:00	122400	65.538	17.103	147.63	34618.047	40767.328	26.233	27.722	28.887	1.019
5/12/2017 8:15	123300	65.545	17.104	147.647	34620.086	40768.688	26.234	27.723	28.885	1.019
5/12/2017 8:30	124200	65.551	17.102	147.66	34616.699	40766.07	26.232	27.721	28.888	1.019
5/12/2017 8:45	125100	65.546	17.103	147.65	34620.785	40770.078	26.235	27.724	28.884	1.019
5/12/2017 9:00	126000	65.536	17.102	147.626	34624.477	40775.387	26.239	27.727	28.881	1.019
5/12/2017 9:15	126900	65.535	17.103	147.623	34643.223	40796.902	26.254	27.742	28.866	1.019
5/12/2017 9:30	127800	65.552	17.102	147.662	34622.145	40772.641	26.237	27.725	28.883	1.019
5/12/2017 9:45	128700	65.55	17.102	147.658	34621.754	40772.098	26.236	27.725	28.884	1.019
5/12/2017 10:00	129600	65.556	17.103	147.671	34608.109	40755.465	26.225	27.714	28.895	1.019
5/12/2017 10:15	130500	65.555	17.103	147.668	34620.281	40770.051	26.235	27.724	28.885	1.019
5/12/2017 10:30	131400	65.561	17.102	147.682	34629.23	40780.984	26.243	27.731	28.877	1.019
5/12/2017 10:45	132300	65.548	17.102	147.652	34605.391	40752.664	26.222	27.712	28.897	1.019
5/12/2017 11:00	133200	65.567	17.102	147.695	34615.578	40764.91	26.231	27.72	28.889	1.019
5/12/2017 11:15	134100	65.555	17.103	147.669	34621.652	40771.5	26.236	27.725	28.884	1.019
5/12/2017 11:30	135000	65.558	17.103	147.675	34617.707	40767.086	26.233	27.722	28.887	1.019
5/12/2017 11:45	135900	65.577	17.103	147.72	34619.656	40769.223	26.234	27.723	28.885	1.019
5/12/2017 12:00	136800	65.577	17.102	147.718	34610.051	40758.238	26.226	27.716	28.893	1.019
5/12/2017 12:15	137700	65.568	17.103	147.698	34605.969	40753.195	26.223	27.712	28.897	1.019
5/12/2017 12:30	138600	65.574	17.102	147.711	34608.754	40757.105	26.226	27.715	28.894	1.019
5/12/2017 12:45	139500	65.586	17.103	147.739	34610.668	40758.797	26.227	27.716	28.893	1.019
5/12/2017 13:00	140400	65.577	17.102	147.718	34612.566	40761.117	26.229	27.718	28.891	1.019
5/12/2017 13:15	141300	65.588	17.102	147.743	34602.328	40749.223	26.222	27.709	28.9	1.019
5/12/2017 13:30	142200	65								

5/13/2017 11:45	222300	65.568	17.103	147.699	34632.906	40784.512	26.245	27.733	28.874	1.019
5/13/2017 12:00	222300	65.577	17.103	147.718	40789.527	40789.527	26.249	27.737	28.871	1.019
5/13/2017 12:15	224100	65.578	17.104	147.721	34612.383	40759.445	26.227	27.716	28.891	1.019
5/13/2017 12:30	225000	65.582	17.104	147.729	34633.191	40784.848	26.245	27.734	28.874	1.019
5/13/2017 12:45	225900	65.57	17.103	147.702	34604.227	40750.422	26.221	27.71	28.898	1.019
5/13/2017 13:00	226800	65.583	17.103	147.733	34607.074	40754.246	26.224	27.713	28.896	1.019
5/13/2017 13:15	227700	65.587	17.103	147.741	34622.355	40772.328	26.237	27.725	28.883	1.019
5/13/2017 13:30	228600	65.577	17.103	147.718	34615.363	40763.609	26.23	27.719	28.889	1.019
5/13/2017 13:45	229500	65.594	17.102	147.756	34617.777	40767.34	26.233	27.722	28.887	1.019
5/13/2017 14:00	230400	65.578	17.103	147.72	34627.477	40778.59	26.241	27.729	28.879	1.019
5/13/2017 14:15	231300	65.578	17.104	147.721	34598.59	40743.531	26.216	27.706	28.903	1.019
5/13/2017 14:30	232200	65.594	17.103	147.756	34626.371	40776.969	26.24	27.728	28.88	1.019
5/13/2017 14:45	233100	65.593	17.103	147.755	34599.559	40744.996	26.217	27.707	28.902	1.019
5/13/2017 15:00	234000	65.593	17.104	147.755	34603	40748.727	26.22	27.709	28.899	1.019
5/13/2017 15:15	234900	65.596	17.103	147.763	34608.215	40755.91	26.225	27.714	28.895	1.019
5/13/2017 15:30	235800	65.598	17.103	147.765	34615.57	40764.57	26.231	27.72	28.889	1.019
5/13/2017 15:45	236700	65.596	17.104	147.761	34601.32	40746.586	26.218	27.708	28.901	1.019
5/13/2017 16:00	237600	65.58	17.103	147.725	34612.586	40760.266	26.228	27.717	28.891	1.019
5/13/2017 16:15	238500	65.584	17.104	147.733	34591.414	40735	26.21	27.7	28.909	1.019
5/13/2017 16:30	239400	65.595	17.103	147.76	34614.535	40762.633	26.23	27.719	28.89	1.019
5/13/2017 16:45	240300	65.594	17.103	147.758	34630.52	40781.617	26.243	27.732	28.876	1.019
5/13/2017 17:00	241200	65.594	17.102	147.758	34625.629	40776.66	26.24	27.728	28.88	1.019
5/13/2017 17:15	242100	65.582	17.103	147.729	34623.969	40773.902	26.238	27.726	28.882	1.019
5/13/2017 17:30	243000	65.577	17.103	147.718	34607.641	40755.07	26.224	27.713	28.895	1.019
5/13/2017 17:45	243900	65.577	17.103	147.719	34603.121	40749.434	26.22	27.71	28.899	1.019
5/13/2017 18:00	244800	65.587	17.103	147.741	34622.43	40772.328	26.237	27.725	28.883	1.019
5/13/2017 18:15	245700	65.576	17.103	147.716	34614.063	40762.32	26.229	27.718	28.89	1.019
5/13/2017 18:30	246600	65.577	17.104	147.719	34600.859	40746.207	26.218	27.707	28.901	1.019
5/13/2017 18:45	247500	65.574	17.103	147.711	34601.219	40747.348	26.219	27.708	28.901	1.019
5/13/2017 19:00	248400	65.588	17.103	147.744	34608.363	40755.293	26.224	27.714	28.895	1.019
5/13/2017 19:15	249300	65.575	17.103	147.714	34621.898	40771.387	26.236	27.725	28.883	1.019
5/13/2017 19:30	250200	65.574	17.104	147.711	34632.02	40782.992	26.244	27.732	28.875	1.019
5/13/2017 19:45	251100	65.586	17.103	147.739	34634.957	40786.926	26.247	27.735	28.873	1.019
5/13/2017 20:00	252000	65.59	17.103	147.748	34629.453	40780.129	26.242	27.73	28.877	1.019
5/13/2017 20:15	252900	65.59	17.103	147.748	34629.813	40780.625	26.242	27.731	28.877	1.019
5/13/2017 20:30	253800	65.592	17.104	147.752	34629.555	40779.996	26.242	27.73	28.877	1.019
5/13/2017 20:45	254700	65.581	17.102	147.727	34617.738	40767.453	26.233	27.722	28.887	1.019
5/13/2017 21:00	255600	65.582	17.104	147.729	34613.609	40760.73	26.228	27.717	28.89	1.019
5/13/2017 21:15	256500	65.584	17.104	147.735	34617.836	40766.195	26.232	27.721	28.887	1.019
5/13/2017 21:30	257400	65.585	17.103	147.736	34607.258	40753.992	26.223	27.713	28.896	1.019
5/13/2017 21:45	258300	65.584	17.104	147.735	34621.957	40770.406	26.235	27.724	28.883	1.019
5/13/2017 22:00	259200	65.603	17.103	147.778	34629.488	40780.242	26.243	27.731	28.877	1.019
5/13/2017 22:15	260100	65.605	17.103	147.783	34640.797	40793.395	26.252	27.74	28.868	1.019
5/13/2017 22:30	261000	65.599	17.104	147.767	34634.012	40785.008	26.246	27.734	28.873	1.019
5/13/2017 22:45	261900	65.609	17.103	147.791	34640.828	40793.434	26.252	27.74	28.868	1.019
5/13/2017 23:00	262800	65.599	17.103	147.768	34618.215	40766.895	26.233	27.721	28.887	1.019
5/13/2017 23:15	263700	65.604	17.103	147.779	34622.508	40771.859	26.236	27.725	28.883	1.019
5/13/2017 23:30	264600	65.604	17.103	147.78	34633.145	40784.633	26.245	27.734	28.874	1.019
5/13/2017 23:45	265500	65.608	17.103	147.788	34631.641	40782.777	26.244	27.732	28.875	1.019
5/14/2017 0:00	266400	65.609	17.103	147.791	34625.617	40775.926	26.239	27.728	28.88	1.019
5/14/2017 0:15	267300	65.63	17.104	147.839	34609.137	40755.871	26.225	27.714	28.894	1.019
5/14/2017 0:30	268200	65.625	17.104	147.826	34622.813	40771.66	26.236	27.725	28.883	1.019
5/14/2017 0:45	269100	65.63	17.103	147.838	34627.535	40777.941	26.241	27.729	28.879	1.019
5/14/2017 1:00	270000	65.631	17.104	147.841	34617.875	40766.336	26.232	27.721	28.887	1.019
5/14/2017 1:15	270900	65.622	17.103	147.82	34625.707	40775.625	26.239	27.727	28.88	1.019
5/14/2017 1:30	271800	65.632	17.103	147.844	34629.484	40780.168	26.242	27.731	28.877	1.019
5/14/2017 1:45	272700	65.626	17.104	147.829	34630.902	40781.254	26.243	27.731	28.876	1.019
5/14/2017 2:00	273600	65.616	17.104	147.806	34628.246	40777.898	26.241	27.729	28.878	1.019
5/14/2017 2:15	274500	65.626	17.103	147.829	34644.316	40797.539	26.255	27.742	28.865	1.019
5/14/2017 2:30	275400	65.63	17.104	147.838	34635.813	40787.207	26.247	27.735	28.872	1.019
5/14/2017 2:45	276300	65.61	17.103	147.793	34616.941	40765.305	26.232	27.72	28.888	1.019
5/14/2017 3:00	277200	65.62	17.103	147.816	34646.438	40800.285	26.256	27.744	28.863	1.019
5/14/2017 3:15	278100	65.622	17.103	147.821	34634.527	40786.418	26.247	27.735	28.873	1.019
5/14/2017 3:30	279000	65.6	17.104	147.77	34625.508	40774.672	26.238	27.727	28.88	1.019
5/14/2017 3:45	279900	65.599	17.104	147.767	34626.672	40776.441	26.24	27.728	28.879	1.019
5/14/2017 4:00	280800	65.609	17.104	147.791	34622.277	40771.098	26.236	27.724	28.883	1.019
5/14/2017 4:15	281700	65.606	17.104	147.785	34614.117	40761.328	26.229	27.718	28.89	1.019
5/14/2017 4:30	282600	65.598	17.104	147.766	34625.852	40775.148	26.239	27.727	28.88	1.019
5/14/2017 4:45	283500	65.579	17.104	147.722	34638.281	40790.113	26.249	27.737	28.87	1.019
5/14/2017 5:00	284400	65.594	17.104	147.758	34649.652	40803.664	26.259	27.746	28.86	1.019
5/14/2017 5:15	285300	65.584	17.103	147.734	34648.594	40802.668	26.258	27.746	28.861	1.019
5/14/2017 5:30	286200	65.565	17.103	147.691	34641.52	40794.246	26.252	27.74	28.867	1.019
5/14/2017 5:45	287100	65.56	17.104	147.68	34626.816	40776.051	26.239	27.728	28.879	1.019
5/14/2017 6:00	288000	65.563	17.104	147.688	34645.965	40799.32	26.256	27.744	28.863	1.019
5/14/2017 6:15	288900	65.559	17.103	147.678	34641.629	40794.469	26.252	27.74	28.867	1.019
5/14/2017 6:30	289800	65.556	17.103	147.672	34619.418	40768.383	26.234	27.723	28.886	1.019
5/14/2017 6:45	290700	65.547	17.103	147.652	34616.582	40765.285	26.232	27.72	28.888	1.019
5/14/2017 7:00	291600	65.544	17.104	147.645	34609.191	40755.934	26.225	27.714	28.894	1.019
5/14/2017 7:15	292500	65.538	17.104	147.63	34620.336	40768.496	26.234	27.723	28.885	1.019
5/14/2017 7:30	293400	65.531	17.105	147.615	34620.844	40768.93	26.234	27.723	28.884	1.019
5/14/2017 7:45	294300	65.531	17.103	147.616	34647.797	40801.801	26.258	27.745	28.862	1.019
5/14/2017 8:00	295200	65.513	17.103	147.574	34641.133	40793.883	26.252	27.74	28.867	1.019
5/14/2017 8:15	296100	65.51	17.104	147.568	34607.582	40754.215	26.224	27.713	28.895	1.019
5/14/2017 8:30	297000	65.507	17.104	147.56	34623.121	40772.512	26.237	27.725	28.882	1.019
5/14/2017 8:45	297900	65.499	17.103	147.543	34610.172	40757.656	26.226	27.715	28.893	1.019
5/14/2017 9:00	298800	65.503	17.104	147.553	34622.781	40771.859	26.236	27.725	28.883	1.019
5/14/2017 9:15	299700	65.515	17.104	147.578	34610.586	40757.75	26.226	27.715	28.893	1.019
5/14/2017 9:30	300600	65.514	17.104	147.576	34637.656	40789.629	26.249	27.737	28.87	1.019
5/14/2017 9:45	301500	65.499	17.104	147.543	34633.727	40784.75	26.245	27.734	28.874	1.019
5/14/2017 10:00										

5/15/2017 8:15	382500	65.484	17.103	147.508	34618.809	40768.383	26.234	27.723	28.886	1.019
5/15/2017 8:30	383400	65.493	17.103	147.529	34626.777	40777.449	26.24	27.729	28.879	1.019
5/15/2017 8:45	384300	65.474	17.104	147.487	34631.832	40782.52	26.244	27.732	28.875	1.019
5/15/2017 9:00	385200	65.49	17.103	147.523	34609.215	40756.855	26.225	27.715	28.894	1.019
5/15/2017 9:15	386100	65.47	17.104	147.477	34635.582	40787.012	26.247	27.735	28.872	1.019
5/15/2017 9:30	387000	65.47	17.103	147.477	34615.289	40763.449	26.23	27.719	28.889	1.019
5/15/2017 9:45	387900	65.481	17.103	147.503	34612.648	40760.898	26.228	27.717	28.891	1.019
5/15/2017 10:00	388800	65.465	17.103	147.465	34607.523	40754.535	26.224	27.713	28.895	1.019
5/15/2017 10:15	389700	65.463	17.103	147.462	34600.297	40746.109	26.218	27.707	28.901	1.019
5/15/2017 10:30	390600	65.464	17.104	147.464	34624.816	40774.18	26.238	27.726	28.881	1.019
5/15/2017 10:45	391500	65.466	17.104	147.47	34603.977	40749.715	26.22	27.71	28.898	1.019
5/15/2017 11:00	392400	65.482	17.104	147.505	34631.66	40782.078	26.244	27.732	28.875	1.019
5/15/2017 11:15	393300	65.466	17.103	147.47	34629.742	40780.625	26.242	27.731	28.877	1.019
5/15/2017 11:30	394200	65.47	17.104	147.479	34610.641	40757.641	26.226	27.715	28.893	1.019
5/15/2017 11:45	395100	65.481	17.103	147.503	34595.91	40740.781	26.214	27.704	28.905	1.019
5/15/2017 12:00	396000	65.485	17.102	147.512	34616.652	40766.09	26.232	27.721	28.888	1.019
5/15/2017 12:15	396900	65.483	17.103	147.507	34594.523	40739.465	26.213	27.703	28.906	1.019
5/15/2017 12:30	397800	65.474	17.103	147.487	34613.172	40761.27	26.229	27.718	28.891	1.019
5/15/2017 12:45	398700	65.49	17.104	147.523	34614.277	40761.449	26.229	27.718	28.89	1.019
5/15/2017 13:00	399600	65.494	17.104	147.531	34612.391	40759.625	26.228	27.717	28.891	1.019
5/15/2017 13:15	400500	65.495	17.103	147.534	34611.945	40759.582	26.227	27.717	28.892	1.019
5/15/2017 13:30	401400	65.487	17.103	147.516	34600.301	40746.031	26.218	27.707	28.901	1.019
5/15/2017 13:45	402300	65.488	17.103	147.517	34616.902	40766.07	26.232	27.721	28.888	1.019
5/15/2017 14:00	403200	65.509	17.103	147.566	34620.551	40769.879	26.235	27.724	28.885	1.019
5/15/2017 14:15	404100	65.497	17.103	147.539	34600.484	40746.805	26.218	27.708	28.901	1.019
5/15/2017 14:30	405000	65.511	17.103	147.571	34602.734	40748.82	26.22	27.709	28.899	1.019
5/15/2017 14:45	405900	65.514	17.103	147.577	34601.793	40748.023	26.219	27.709	28.9	1.019
5/15/2017 15:00	406800	65.519	17.102	147.587	34599.207	40745.383	26.217	27.707	28.902	1.019
5/15/2017 15:15	407700	65.508	17.103	147.562	34629.219	40780.324	26.242	27.731	28.877	1.019
5/15/2017 15:30	408600	65.526	17.103	147.603	34616.535	40765.387	26.232	27.72	28.888	1.019
5/15/2017 15:45	409500	65.524	17.103	147.6	34577.984	40719.918	26.199	27.69	28.92	1.019
5/15/2017 16:00	410400	65.512	17.102	147.573	34617.656	40767.195	26.233	27.722	28.887	1.019
5/15/2017 16:15	411300	65.513	17.103	147.575	34619.645	40768.895	26.234	27.723	28.885	1.019
5/15/2017 16:30	412200	65.53	17.103	147.613	34629.047	40779.805	26.242	27.73	28.877	1.019
5/15/2017 16:45	413100	65.518	17.103	147.586	34633.84	40785.527	26.246	27.734	28.873	1.019
5/15/2017 17:00	414000	65.537	17.103	147.629	34619.387	40768.996	26.234	27.723	28.886	1.019
5/15/2017 17:15	414900	65.525	17.103	147.601	34616.535	40765.477	26.232	27.721	28.888	1.019
5/15/2017 17:30	415800	65.519	17.103	147.589	34620.246	40769.195	26.234	27.723	28.885	1.019
5/15/2017 17:45	416700	65.538	17.103	147.632	34625.852	40776.121	26.239	27.728	28.88	1.019
5/15/2017 18:00	417600	65.534	17.103	147.622	34624.934	40774.879	26.238	27.727	28.881	1.019
5/15/2017 18:15	418500	65.536	17.103	147.627	34613.875	40761.785	26.229	27.718	28.89	1.019
5/15/2017 18:30	419400	65.523	17.103	147.596	34592.258	40736.398	26.211	27.701	28.908	1.019
5/15/2017 18:45	420300	65.535	17.103	147.624	34604.16	40750.742	26.221	27.711	28.898	1.019
5/15/2017 19:00	421200	65.54	17.104	147.635	34633.426	40784.648	26.245	27.734	28.874	1.019
5/15/2017 19:15	422100	65.541	17.103	147.638	34631.574	40782.629	26.244	27.732	28.875	1.019
5/15/2017 19:30	423000	65.528	17.104	147.607	34623.438	40772.633	26.237	27.725	28.882	1.019
5/15/2017 19:45	423900	65.527	17.104	147.605	34626.027	40775.934	26.239	27.728	28.88	1.019
5/15/2017 20:00	424800	65.525	17.104	147.602	34649.523	40803.273	26.259	27.746	28.86	1.019
5/15/2017 20:15	425700	65.53	17.104	147.612	34651.484	40805.66	26.26	27.748	28.859	1.019
5/15/2017 20:30	426600	65.543	17.104	147.642	34625.984	40775.305	26.239	27.727	28.88	1.019
5/15/2017 20:45	427500	65.547	17.104	147.652	34643.613	40795.992	26.253	27.741	28.865	1.019
5/15/2017 21:00	428400	65.546	17.105	147.649	34636.551	40786.863	26.247	27.735	28.871	1.019
5/15/2017 21:15	429300	65.55	17.104	147.657	34631.543	40782.008	26.243	27.732	28.875	1.019
5/15/2017 21:30	430200	65.549	17.104	147.655	34650.469	40803.902	26.259	27.747	28.86	1.019
5/15/2017 21:45	431100	65.552	17.104	147.663	34634.688	40785.398	26.246	27.734	28.873	1.019
5/15/2017 22:00	432000	65.538	17.104	147.63	34651.02	40805.367	26.26	27.748	28.859	1.019
5/15/2017 22:15	432900	65.557	17.105	147.674	34672.191	40829.156	26.277	27.764	28.842	1.019
5/15/2017 22:30	433800	65.558	17.104	147.676	34632.832	40783.949	26.245	27.733	28.874	1.019
5/15/2017 22:45	434700	65.549	17.104	147.655	34630.711	40780.961	26.243	27.731	28.876	1.019
5/15/2017 23:00	435600	65.567	17.104	147.695	34644.707	40797.68	26.255	27.742	28.864	1.019
5/15/2017 23:15	436500	65.552	17.104	147.663	34657.125	40812.305	26.265	27.752	28.854	1.019
5/15/2017 23:30	437400	65.557	17.104	147.673	34641.66	40793.531	26.252	27.74	28.867	1.019
5/15/2017 23:45	438300	65.563	17.105	147.688	34635.875	40786.551	26.247	27.735	28.872	1.019
5/16/2017 0:00	439200	65.582	17.104	147.73	34643.496	40796.086	26.254	27.741	28.865	1.019
5/16/2017 0:15	440100	65.58	17.106	147.725	34638.523	40788.785	26.248	27.736	28.87	1.019
5/16/2017 0:30	441000	65.569	17.105	147.701	34636.789	40787.707	26.248	27.736	28.871	1.019
5/16/2017 0:45	441900	65.573	17.105	147.709	34638.418	40789.625	26.249	27.737	28.87	1.019
5/16/2017 1:00	442800	65.592	17.104	147.753	34648.32	40801.449	26.257	27.745	28.861	1.019
5/16/2017 1:15	443700	65.594	17.106	147.757	34643.125	40794.043	26.252	27.74	28.866	1.019
5/16/2017 1:30	444600	65.594	17.104	147.758	34646.563	40799.695	26.256	27.744	28.863	1.019
5/16/2017 1:45	445500	65.598	17.106	147.766	34653.359	40806.332	26.261	27.748	28.857	1.019
5/16/2017 2:00	446400	65.599	17.105	147.769	34627.18	40776.227	26.239	27.728	28.879	1.019
5/16/2017 2:15	447300	65.601	17.105	147.773	34659.898	40814.52	26.267	27.754	28.852	1.019
5/16/2017 2:30	448200	65.591	17.105	147.749	34669.039	40825.203	26.274	27.761	28.844	1.019
5/16/2017 2:45	449100	65.601	17.105	147.774	34646.238	40798.594	26.255	27.743	28.863	1.019
5/16/2017 3:00	450000	65.591	17.105	147.75	34646.773	40799.148	26.256	27.743	28.863	1.019
5/16/2017 3:15	450900	65.604	17.105	147.78	34645.902	40798.035	26.255	27.743	28.863	1.019
5/16/2017 3:30	451800	65.603	17.104	147.777	34632.023	40782.262	26.244	27.732	28.875	1.019
5/16/2017 3:45	452700	65.602	17.105	147.775	34664.887	40820.477	26.271	27.758	28.848	1.019
5/16/2017 4:00	453600	65.601	17.105	147.773	34654.148	40807.984	26.262	27.749	28.857	1.019
5/16/2017 4:15	454500	65.6	17.105	147.771	34660.832	40815.777	26.268	27.755	28.851	1.019
5/16/2017 4:30	455400	65.598	17.105	147.765	34655.563	40809.164	26.263	27.75	28.855	1.019
5/16/2017 4:45	456300	65.596	17.105	147.761	34651.668	40804.664	26.26	27.747	28.859	1.019
5/16/2017 5:00	457200	65.575	17.105	147.714	34641.816	40793.387	26.252	27.74	28.867	1.019
5/16/2017 5:15	458100	65.588	17.105	147.743	34644.469	40796.434	26.254	27.742	28.865	1.019
5/16/2017 5:30	459000	65.573	17.105	147.709	34670.832	40827.633	26.276	27.763	28.843	1.019
5/16/2017 5:45	459900	65.582	17.106	147.731	34661.82	40816.297	26.268	27.755	28.85	1.019
5/16/2017 6:00	460800	65.559	17.105	147.677	34641.633	40793.246	26.252	27.739	28.867	1.019
5/16/2017 6:15	461700	65.573	17.105	147.71	34638.402	40789.043	26.249	27.737	28.87	1.019

5/17/2017 4:45	542700	65.603	17.106	147.777	34641.691	40792.195	26.251	27.739	28.867	1.019
5/17/2017 5:00	543600	65.584	17.105	147.735	34649.168	40802.281	26.258	27.746	28.861	1.019
5/17/2017 5:15	544500	65.601	17.106	147.774	34645.68	40796.563	26.254	27.742	28.864	1.019
5/17/2017 5:30	545400	65.596	17.105	147.763	34634.016	40783.641	26.245	27.733	28.873	1.019
5/17/2017 5:45	546300	65.58	17.105	147.725	34638.98	40789.488	26.249	27.737	28.869	1.019
5/17/2017 6:00	547200	65.592	17.105	147.753	34634.875	40785.051	26.246	27.734	28.873	1.019
5/17/2017 6:15	548100	65.588	17.106	147.743	34606.828	40751.539	26.222	27.711	28.896	1.019
5/17/2017 6:30	549000	65.587	17.105	147.741	34622.609	40770.77	26.236	27.724	28.883	1.019
5/17/2017 6:45	549900	65.576	17.105	147.717	34656.605	40810.879	26.264	27.751	28.855	1.019
5/17/2017 7:00	550800	65.572	17.106	147.707	34639.375	40789.309	26.249	27.737	28.869	1.019
5/17/2017 7:15	551700	65.568	17.105	147.699	34642.172	40793.805	26.252	27.74	28.867	1.019
5/17/2017 7:30	552600	65.568	17.106	147.698	34641.66	40792.078	26.251	27.739	28.867	1.019
5/17/2017 7:45	553500	65.558	17.106	147.675	34642.762	40793.688	26.252	27.74	28.866	1.019
5/17/2017 8:00	554400	65.539	17.106	147.632	34639.145	40789.273	26.249	27.737	28.869	1.019
5/17/2017 8:15	555300	65.539	17.105	147.632	34635.234	40785.711	26.246	27.734	28.872	1.019
5/17/2017 8:30	556200	65.546	17.105	147.649	34634.973	40785.254	26.246	27.734	28.873	1.019
5/17/2017 8:45	557100	65.527	17.105	147.605	34666.719	40822.637	26.272	27.759	28.846	1.019
5/17/2017 9:00	558000	65.525	17.105	147.602	34613.871	40760.555	26.228	27.717	28.89	1.019
5/17/2017 9:15	558900	65.532	17.105	147.617	34605.383	40750	26.221	27.71	28.897	1.019
5/17/2017 9:30	559800	65.513	17.105	147.574	34643.785	40795.465	26.253	27.741	28.865	1.019
5/17/2017 9:45	560700	65.524	17.104	147.6	34627.078	40776.684	26.24	27.728	28.879	1.019
5/17/2017 10:00	561600	65.507	17.105	147.56	34652.488	40806.191	26.261	27.748	28.858	1.019
5/17/2017 10:15	562500	65.516	17.104	147.582	34630.781	40781.113	26.243	27.731	28.876	1.019
5/17/2017 10:30	563400	65.502	17.106	147.55	34625.129	40772.77	26.237	27.725	28.881	1.019
5/17/2017 10:45	564300	65.508	17.105	147.564	34625.59	40773.957	26.238	27.726	28.88	1.019
5/17/2017 11:00	565200	65.497	17.104	147.538	34613.297	40760.363	26.228	27.717	28.891	1.019
5/17/2017 11:15	566100	65.506	17.106	147.559	34648.551	40800.113	26.256	27.744	28.861	1.019
5/17/2017 11:30	567000	65.501	17.105	147.548	34614.988	40761.719	26.229	27.718	28.889	1.019
5/17/2017 11:45	567900	65.492	17.104	147.527	34639.285	40790.813	26.25	27.738	28.869	1.019
5/17/2017 12:00	568800	65.503	17.105	147.551	34612.75	40758.996	26.227	27.716	28.891	1.019
5/17/2017 12:15	569700	65.486	17.106	147.513	34615.285	40761.5	26.229	27.718	28.889	1.019
5/17/2017 12:30	570600	65.499	17.104	147.543	34652.27	40806.586	26.261	27.748	28.858	1.019
5/17/2017 12:45	571500	65.502	17.104	147.549	34639.305	40790.836	26.25	27.738	28.869	1.019
5/17/2017 13:00	572400	65.503	17.105	147.552	34610.969	40756.738	26.226	27.715	28.893	1.019
5/17/2017 13:15	573300	65.504	17.104	147.554	34615.672	40763.566	26.23	27.719	28.889	1.019
5/17/2017 13:30	574200	65.51	17.105	147.568	34650.543	40803.902	26.259	27.747	28.86	1.019
5/17/2017 13:45	575100	65.512	17.104	147.572	34622.676	40771.34	26.236	27.725	28.883	1.019
5/17/2017 14:00	576000	65.515	17.104	147.578	34669.84	40826.715	26.275	27.762	28.844	1.019
5/17/2017 14:15	576900	65.504	17.106	147.555	34635.922	40785.801	26.246	27.734	28.872	1.019
5/17/2017 14:30	577800	65.51	17.105	147.567	34648.078	40800.918	26.257	27.745	28.862	1.019
5/17/2017 14:45	578700	65.526	17.105	147.604	34597.367	40740.969	26.214	27.704	28.904	1.019
5/17/2017 15:00	579600	65.512	17.104	147.571	34619.699	40767.902	26.233	27.722	28.885	1.019
5/17/2017 15:15	580500	65.53	17.104	147.614	34599.668	40744.246	26.217	27.706	28.902	1.019
5/17/2017 15:30	581400	65.534	17.104	147.623	34610.258	40756.715	26.225	27.715	28.893	1.019
5/17/2017 15:45	582300	65.521	17.105	147.593	34609.539	40754.969	26.224	27.713	28.894	1.019
5/17/2017 16:00	583200	65.541	17.104	147.637	34626.488	40775.288	26.239	27.728	28.88	1.019
5/17/2017 16:15	584100	65.542	17.105	147.639	34624.375	40772.848	26.237	27.726	28.881	1.019
5/17/2017 16:30	585000	65.533	17.105	147.619	34638.543	40789.051	26.249	27.737	28.87	1.019
5/17/2017 16:45	585900	65.532	17.106	147.618	34612.391	40757.77	26.226	27.715	28.891	1.019
5/17/2017 17:00	586800	65.552	17.105	147.662	34627.664	40776.879	26.24	27.728	28.879	1.019
5/17/2017 17:15	587700	65.554	17.105	147.666	34640.047	40791.227	26.25	27.738	28.868	1.019
5/17/2017 17:30	588600	65.556	17.104	147.671	34596.258	40740.391	26.214	27.703	28.905	1.019
5/17/2017 17:45	589500	65.554	17.105	147.667	34631.313	40780.777	26.243	27.731	28.876	1.019
5/17/2017 18:00	590400	65.56	17.105	147.68	34640.922	40792.41	26.251	27.739	28.868	1.019
5/17/2017 18:15	591300	65.56	17.105	147.681	34629.23	40778.242	26.241	27.729	28.877	1.019
5/17/2017 18:30	592200	65.547	17.106	147.651	34636.898	40786.629	26.247	27.735	28.871	1.019
5/17/2017 18:45	593100	65.552	17.104	147.662	34594.352	40737.898	26.212	27.702	28.906	1.019
5/17/2017 19:00	594000	65.564	17.106	147.689	34621.375	40768.434	26.234	27.723	28.884	1.019
5/17/2017 19:15	594900	65.571	17.105	147.704	34620.984	40768.297	26.234	27.722	28.884	1.019
5/17/2017 19:30	595800	65.568	17.105	147.699	34611.137	40757.418	26.226	27.715	28.892	1.019
5/17/2017 19:45	596700	65.565	17.106	147.69	34614.949	40760.785	26.228	27.717	28.889	1.019
5/17/2017 20:00	597600	65.554	17.106	147.667	34635.434	40785.148	26.246	27.734	28.872	1.019
5/17/2017 20:15	598500	65.566	17.105	147.693	34610.879	40757.195	26.226	27.715	28.893	1.019
5/17/2017 20:30	599400	65.553	17.105	147.665	34607.023	40751.934	26.222	27.711	28.896	1.019
5/17/2017 20:45	600300	65.565	17.105	147.692	34643.699	40795.441	26.253	27.741	28.865	1.019
5/17/2017 21:00	601200	65.552	17.106	147.662	34628.91	40777.543	26.24	27.729	28.878	1.019
5/17/2017 21:15	602100	65.555	17.105	147.67	34669.867	40826.098	26.275	27.762	28.843	1.019
5/17/2017 21:30	603000	65.565	17.106	147.692	34630.883	40779.547	26.242	27.73	28.876	1.019
5/17/2017 21:45	603900	65.566	17.106	147.694	34643.734	40794.68	26.253	27.74	28.865	1.019
5/17/2017 22:00	604800	65.549	17.106	147.655	34619.371	40765.422	26.232	27.72	28.886	1.019
5/17/2017 22:15	605700	65.566	17.105	147.693	34604.629	40749.188	26.22	27.709	28.898	1.019
5/17/2017 22:30	606600	65.553	17.105	147.665	34635.363	40785.379	26.246	27.734	28.872	1.019
5/17/2017 22:45	607500	65.565	17.105	147.69	34667.957	40823.609	26.273	27.76	28.845	1.019
5/17/2017 23:00	608400	65.566	17.105	147.693	34649.301	40801.793	26.258	27.745	28.861	1.019
5/17/2017 23:15	609300	65.554	17.107	147.667	34641.07	40790.578	26.25	27.738	28.867	1.019
5/17/2017 23:30	610200	65.551	17.105	147.66	34659.605	40814.012	26.266	27.754	28.852	1.019
5/17/2017 23:45	611100	65.572	17.105	147.707	34640.355	40791.344	26.25	27.738	28.868	1.019

Report Date: 5/19/2017 8:54
Report User Name: AVanHaitsma
Report Computer Name: WKST34
Application: WinSitu.exe
Application Version: 5.6.25.0

Log File Properties
File Name: MPWSP MW-3S Pre Test_2017-05-18_12-39-35-174.wsl
Create Date: 5/18/2017 12:38

Device Properties
Device: Aqua TROLL 200
Site: MPWSP MW-3S
Device Name:
Serial Number: 396211
Firmware Version: 2
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 18:58 Used Battery: 2% Used Memory: 6% User Name: nreynolds
3/20/2015 16:02 Log Download - Used Battery: 2% Used Memory: 6% User Name: GSSI
3/27/2015 10:43 Log Download - Used Battery: 2% Used Memory: 7% User Name: GSSI
4/3/2015 13:47 Log Download - Used Battery: 3% Used Memory: 7% User Name: ECrowWillard
4/10/2015 8:44 Log Download - Used Battery: 3% Used Memory: 9% User Name: ECrowWillard
4/17/2015 12:18 Log Download - Used Battery: 4% Used Memory: 9% User Name: AKieta
4/21/2015 14:05 Log Download - Used Battery: 4% Used Memory: 9% User Name: ECrowWillard
4/24/2015 11:08 Log Download - Used Battery: 4% Used Memory: 10% User Name: ECrowWillard
4/24/2015 11:12 Log Download - Used Battery: 4% Used Memory: 10% User Name: ECrowWillard
4/30/2015 14:05 Log Download - Used Battery: 4% Used Memory: 10% User Name: GSSI
5/7/2015 12:30 Log Download - Used Battery: 5% Used Memory: 12% User Name: ECrowWillard Interval - Start Time: 4/30/2015 2:00:00 PM
5/14/2015 16:06 Log Download - Used Battery: 5% Used Memory: 12% User Name: BDuarte
5/21/2015 11:34 Log Download - Used Battery: 5% Used Memory: 14% User Name: CShaw
5/28/2015 9:06 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 Log Download - Used Battery: 6% Used Memory: 15% User Name: BDuarte
6/11/2015 11:48 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 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 Log Download - Used Battery: 7% Used Memory: 17% User Name: CShaw
6/25/2015 8:49 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 Log Download - Used Battery: 7% Used Memory: 18% User Name: BDuarte
7/2/2015 9:20 Log Download - Used Battery: 8% Used Memory: 18% User Name: CShaw
7/7/2015 11:29 Log Download - Used Battery: 8% Used Memory: 18% User Name: CShaw
7/7/2015 11:41 Log Download - Used Battery: 8% Used Memory: 18% User Name: CShaw
7/9/2015 9:14 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 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 Log Download - Used Battery: 8% Used Memory: 20% User Name: CShaw Interval - Start Time: 7/7/2015 11:30:00 AM
7/23/2015 16:42 Log Download - Used Battery: 9% Used Memory: 20% User Name: KMakar
7/30/2015 10:25 Log Download - Used Battery: 9% Used Memory: 21% User Name: BDuarte Interval - Start Time: 7/13/2015 12:15:00 PM
8/6/2015 15:00 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 13:34 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 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 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 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 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 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 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 14:15 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 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 13:16 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 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 15:30 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 14:29 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 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 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 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 15:27 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 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 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 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 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 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 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 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 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 14:16 Log Download - Used Battery: 19% Used Memory: 42% User Name: KMakar Interval - Start Time: 1/18/2016 11:45:00 AM Stop Time: 1/28/2016 2:15:00 PM
2/4/2016 9:33 Log Download - Used Battery: 19% Used Memory: 43% User Name: CShaw Interval - Start Time: 12/31/2015 1:00:00 AM Stop Time: 2/4/2016 10:30:00 AM
2/11/2016 9:16 Log Download - Used Battery: 19% Used Memory: 45% User Name: CShaw Interval - Start Time: 2/2/2016 2:30:00 PM Stop Time: 2/11/2016 9:15:00 AM
2/18/2016 9:09 Log Download - Used Battery: 20% Used Memory: 45% User Name: CShaw Interval - Start Time: 2/4/2016 5:30:00 PM Stop Time: 2/18/2016 10:00:00 AM
2/25/2016 12:22 Log Download - Used Battery: 20% Used Memory: 46% User Name: KMakar Interval - Start Time: 2/15/2016 5:30:00 PM Stop Time: 2/25/2016 12:15:00 PM
3/3/2016 9:37 Log Download - Used Battery: 20% Used Memory: 46% User Name: SKuiper Interval - Start Time: 1/31/2016 12:00:01 AM Stop Time: 3/3/2016 10:30:00 AM
3/10/2016 10:21 Log Download - Used Battery: 21% Used Memory: 48% User Name: KMakar Interval - Start Time: 3/1/2016 12:00:00 PM Stop Time: 3/10/2016 10:15:00 AM
3/17/2016 19:50 Log Download - Used Battery: 21% Used Memory: 48% User Name: SKuiper Interval - Start Time: 3/8/2016 9:00:00 AM Stop Time: 3/17/2016 7:45:00 PM
3/24/2016 13:10 Log Download - Used Battery: 21% Used Memory: 50% User Name: KMakar Interval - Start Time: 3/15/2016 12:00:00 PM Stop Time: 3/24/2016 1:00:00 PM
3/31/2016 8:26 Log Download - Used Battery: 22% Used Memory: 50% User Name: SKuiper Interval - Start Time: 3/22/2016 12:00:00 PM Stop Time: 3/31/2016 9:00:00 AM
4/7/2016 13:15 Log Download - Used Battery: 22% Used Memory: 51% User Name: KMakar Interval - Start Time: 2/29/2016 5:00:00 PM Stop Time: 4/7/2016 1:15:00 PM

Log Data:
Record Count: 731
Sensors: 1
1 396211 PCTD 100 PSIG (70m/231ft)

Time Zone: Pacific Daylight Time

Date and Time	Elapsed Time Seconds	Sensor: PCTD(G) 231ft SN#: 396211 Pressure (PSI)	Sensor: PCTD(G) 231ft SN#: 396211 Temperature (C)	Sensor: PCTD(G) 231ft SN#: 396211 Depth (ft)	Sensor: PCTD(G) 231ft SN#: 396211 Actual Conductivity (µS)	Sensor: PCTD(G) 231ft SN#: 396211 Specific Conductivity (µS)	Sensor: PCTD(G) 231ft SN#: 396211 Salinity (PSU)	Sensor: PCTD(G) 231ft SN#: 396211 Total Dissolved Solids (ppt)	Sensor: PCTD(G) 231ft SN#: 396211 Resistivity (ohm-cm)	Sensor: PCTD(G) 231ft SN#: 396211 Water Density (g/cm3)	
5/11/2017 0:00	7200	19.474	17.327	43.867	33983.68	39819.25	25.569	27.077	29.426	1.018	
5/11/2017 0:15	8100	19.47	17.326	43.858	33995.586	39834.613	25.58	27.088	29.416	1.018	
5/11/2017 0:30	9000	19.469	17.327	43.855	33993.629	39830.906	25.577	27.085	29.417	1.018	
5/11/2017 0:45	9900	19.473	17.327	43.866	34007.898	39847.863	25.589	27.097	29.405	1.018	
5/11/2017 1:00	10800	19.475	17.325	43.87	34033.258	39879.383	25.611	27.118	29.383	1.018	
5/11/2017 1:15	11700	19.473	17.328	43.866	34057.617	39905.414	25.63	27.136	29.362	1.018	
5/11/2017 1:30	12600	19.478	17.325	43.877	34001.922	39842.73	25.585	27.093	29.41	1.018	
5/11/2017 1:45	13500	19.481	17.325	43.884	34030.309	39875.77	25.609	27.116	29.386	1.018	
5/11/2017 2:00	14400	19.482	17.325	43.885	34040.52	39887.57	25.617	27.124	29.377	1.018	
5/11/2017 2:15	15300	19.479	17.326	43.878	34040.512	39886.473	25.616	27.123	29.377	1.018	
5/11/2017 2:30	16200	19.479	17.326	43.878	34044.445	39891.391	25.62	27.126	29.373	1.018	
5/11/2017 2:45	17100	19.484	17.326	43.89	33995.273	39834.168	25.579	27.087	29.416	1.018	
5/11/2017 3:00	18000	19.479	17.325	43.878	34029.375	39874.434	25.608	27.115	29.386	1.018	
5/11/2017 3:15	18900	19.481	17.327	43.884	33996.094	39834.188	25.579	27.087	29.415	1.018	
5/11/2017 3:30	19800	19.481	17.326	43.884	34011.758	39853.406	25.593	27.1	29.402	1.018	
5/11/2017 3:45	20700	19.486	17.326	43.894	34017.301	39859.664	25.597	27.105	29.397	1.018	
5/11/2017 4:00	21600	19.483	17.327	43.887	34039.332	39884.457	25.615	27.121	29.378	1.018	
5/11/2017 4:15	22500	19.487	17.328	43.895	34047.77	39893.875	25.622	27.128	29.37	1.018	
5/11/2017 4:30	23400	19.487	17.327	43.895	34072.594	39923.199	25.643	27.148	29.349	1.018	
5/11/2017 4:45	24300	19.486	17.326	43.894	34079.734	39932.82	25.649	27.154	29.343	1.018	
5/11/2017 5:00	25200	19.487	17.328	43.895	34082.211	39933.922	25.65	27.155	29.341	1.018	
5/11/2017 5:15	26100	19.487	17.327	43.897	34031.23	39874.652	25.608	27.115	29.385	1.018	
5/11/2017 5:30	27000	19.486	17.327	43.894	34053.895	39901.207	25.627	27.133	29.365	1.018	
5/11/2017 5:45	27900	19.489	17.327	43.901	34062.008	39911.191	25.634	27.14	29.358	1.018	
5/11/2017 6:00	28800	19.491	17.328	43.906	34050.898	39897.539	25.624	27.13	29.368	1.018	
5/11/2017 6:15	29700	19.492	17.327	43.907	34060.418	39909.633	25.633	27.139	29.36	1.018	
5/11/2017 6:30	30600	19.488	17.325	43.898	34074.301	39927.793	25.646	27.151	29.348	1.018	
5/11/2017 6:45	31500	19.489	17.326	43.9	34078.723	39931.875	25.649	27.154	29.344	1.018	
5/11/2017 7:00	32400	19.491	17.326	43.904	34038.012	39884.246	25.615	27.121	29.379	1.018	
5/11/2017 7:15	33300	19.494	17.326	43.912	34050.227	39898.641	25.625	27.131	29.368	1.018	
5/11/2017 7:30	34200	19.49	17.325	43.903	34072.582	39925.219	25.644	27.149	29.349	1.018	
5/11/2017 7:45	35100	19.492	17.323	43.907	34050.512	39900.922	25.627	27.133	29.368	1.018	
5/11/2017 8:00	36000	19.493	17.325	43.909	34077.234	39930.758	25.648	27.153	29.345	1.018	
5/11/2017 8:15	36900	19.487	17.324	43.897	34094.918	39952.098	25.663	27.167	29.33	1.018	
5/11/2017 8:30	37800	19.493	17.324	43.91	34031.863	39878.371	25.611	27.117	29.384	1.018	
5/11/2017 8:45	38700	19.49	17.326	43.904	33995.422	39834.422	25.579	27.087	29.416	1.018	
5/11/2017 9:00	39600	19.491	17.327	43.905	34062.113	39911.621	25.634	27.14	29.358	1.018	
5/11/2017 9:15	40500	19.491	17.328	43.904	34062.078	39910.008	25.633	27.139	29.358	1.018	
5/11/2017 9:30	41400	19.494	17.328	43.913	34106.914	39962.473	25.671	27.174	29.32	1.018	
5/11/2017 9:45	42300	19.492	17.328	43.907	34049.043	39894.98	25.623	27.129	29.369	1.018	

5/11/2017 10:00	43200	19.495	17.328	43.914	34037.754	39881.676	25.613	27.12	29.379	1.018
5/11/2017 10:15	44100	19.494	17.328	43.912	34051.938	39898.055	25.625	27.131	29.367	1.018
5/11/2017 10:30	45000	19.491	17.328	43.905	34005.578	39843.895	25.586	27.094	29.407	1.018
5/11/2017 10:45	45900	19.487	17.329	43.897	33988.938	39823.926	25.572	27.08	29.421	1.018
5/11/2017 11:00	46800	19.491	17.328	43.905	33982.391	39816.637	25.567	27.075	29.427	1.018
5/11/2017 11:15	47700	19.491	17.328	43.904	33996.828	39833.957	25.579	27.087	29.415	1.018
5/11/2017 11:30	48600	19.487	17.328	43.897	33978.977	39812.723	25.564	27.073	29.43	1.018
5/11/2017 11:45	49500	19.494	17.329	43.913	33955.535	39784.723	25.544	27.054	29.45	1.018
5/11/2017 12:00	50400	19.494	17.328	43.912	33935.52	39761.652	25.528	27.038	29.468	1.018
5/11/2017 12:15	51300	19.494	17.328	43.912	33936.379	39762.727	25.529	27.039	29.467	1.018
5/11/2017 12:30	52200	19.49	17.328	43.904	33900.32	39720.477	25.499	27.01	29.498	1.018
5/11/2017 12:45	53100	19.491	17.329	43.904	33930.219	39755.363	25.523	27.034	29.472	1.018
5/11/2017 13:00	54000	19.492	17.329	43.907	33947.426	39774.902	25.537	27.047	29.457	1.018
5/11/2017 13:15	54900	19.491	17.33	43.906	33910.961	39731.941	25.507	27.018	29.489	1.018
5/11/2017 13:30	55800	19.487	17.33	43.897	33914.539	39735.508	25.509	27.02	29.486	1.018
5/11/2017 13:45	56700	19.489	17.331	43.901	33895.125	39712.301	25.493	27.004	29.503	1.018
5/11/2017 14:00	57600	19.489	17.331	43.902	33942.207	39767.305	25.532	27.042	29.462	1.018
5/11/2017 14:15	58500	19.484	17.331	43.89	33922.137	39743.867	25.515	27.026	29.479	1.018
5/11/2017 14:30	59400	19.49	17.331	43.903	33878.563	39692.504	25.479	26.991	29.517	1.018
5/11/2017 14:45	60300	19.491	17.331	43.906	33934.957	39758.656	25.526	27.036	29.468	1.018
5/11/2017 15:00	61200	19.489	17.331	43.9	33887.73	39703.398	25.487	26.998	29.509	1.018
5/11/2017 15:15	62100	19.491	17.331	43.904	33889.875	39706.305	25.489	27	29.507	1.018
5/11/2017 15:30	63000	19.492	17.331	43.909	33906.234	39725.16	25.502	27.013	29.493	1.018
5/11/2017 15:45	63900	19.492	17.33	43.908	33942.797	39769.082	25.533	27.043	29.461	1.018
5/11/2017 16:00	64800	19.492	17.33	43.908	33921.828	39744.449	25.516	27.026	29.48	1.018
5/11/2017 16:15	65700	19.492	17.33	43.907	33938.887	39764.191	25.53	27.04	29.465	1.018
5/11/2017 16:30	66600	19.491	17.328	43.906	33892.66	39711.504	25.492	27.004	29.505	1.018
5/11/2017 16:45	67500	19.49	17.327	43.904	33947.254	39776.805	25.539	27.048	29.457	1.018
5/11/2017 17:00	68400	19.494	17.328	43.911	33966.449	39798.285	25.554	27.063	29.441	1.018
5/11/2017 17:15	69300	19.492	17.328	43.907	33913.582	39736.648	25.51	27.021	29.487	1.018
5/11/2017 17:30	70200	19.491	17.329	43.905	33899.691	39719.445	25.498	27.009	29.499	1.018
5/11/2017 17:45	71100	19.494	17.329	43.911	33946.402	39774.246	25.537	27.046	29.458	1.018
5/11/2017 18:00	72000	19.494	17.328	43.912	33906.688	39728.492	25.504	27.015	29.493	1.018
5/11/2017 18:15	72900	19.493	17.327	43.909	33950.469	39780.102	25.541	27.05	29.455	1.018
5/11/2017 18:30	73800	19.494	17.329	43.912	33906.859	39727.602	25.504	27.015	29.493	1.018
5/11/2017 18:45	74700	19.495	17.328	43.914	33956.863	39786.895	25.546	27.055	29.449	1.018
5/11/2017 19:00	75600	19.495	17.328	43.913	33940.453	39768.055	25.532	27.042	29.463	1.018
5/11/2017 19:15	76500	19.494	17.327	43.912	33942.871	39771.199	25.535	27.044	29.461	1.018
5/11/2017 19:30	77400	19.495	17.327	43.915	33951.551	39781.996	25.542	27.052	29.454	1.018
5/11/2017 19:45	78300	19.497	17.327	43.919	33939.465	39767.363	25.532	27.042	29.464	1.018
5/11/2017 20:00	79200	19.491	17.328	43.906	33933.699	39760.297	25.527	27.037	29.469	1.018
5/11/2017 20:15	80100	19.499	17.327	43.924	33950.406	39780.426	25.541	27.051	29.455	1.018
5/11/2017 20:30	81000	19.496	17.327	43.918	33954.59	39785.008	25.544	27.054	29.451	1.018
5/11/2017 20:45	81900	19.496	17.328	43.917	33959.801	39790.496	25.548	27.058	29.447	1.018
5/11/2017 21:00	82800	19.494	17.328	43.912	33981.82	39816.297	25.567	27.075	29.427	1.018
5/11/2017 21:15	83700	19.499	17.327	43.924	33950.324	39780.633	25.541	27.051	29.455	1.018
5/11/2017 21:30	84600	19.494	17.327	43.913	33974.348	39808.156	25.561	27.07	29.434	1.018
5/11/2017 21:45	85500	19.496	17.327	43.916	33973.621	39807.699	25.56	27.069	29.435	1.018
5/11/2017 22:00	86400	19.496	17.327	43.917	33999.723	39838.516	25.582	27.09	29.412	1.018
5/11/2017 22:15	87300	19.495	17.327	43.915	33909.645	39732.582	25.507	27.018	29.49	1.018
5/11/2017 22:30	88200	19.496	17.327	43.917	33975.578	39809.992	25.562	27.071	29.433	1.018
5/11/2017 22:45	89100	19.501	17.327	43.927	33934.027	39761.387	25.528	27.038	29.469	1.018
5/11/2017 23:00	90000	19.499	17.327	43.924	33947.207	39776.906	25.539	27.048	29.458	1.018
5/11/2017 23:15	90900	19.499	17.326	43.923	33946.754	39776.613	25.538	27.048	29.458	1.018
5/11/2017 23:30	91800	19.499	17.327	43.924	34005.121	39844.691	25.587	27.094	29.407	1.018
5/11/2017 23:45	92700	19.499	17.326	43.924	33978.16	39814.113	25.565	27.074	29.431	1.018
5/12/2017 0:00	93600	19.501	17.325	43.928	33941.805	39772.445	25.535	27.045	29.462	1.018
5/12/2017 0:15	94500	19.502	17.325	43.93	33961.836	39795.758	25.552	27.061	29.445	1.018
5/12/2017 0:30	95400	19.501	17.326	43.928	33998.742	39838	25.582	27.09	29.413	1.018
5/12/2017 0:45	96300	19.502	17.327	43.931	33963.723	39796.184	25.552	27.061	29.443	1.018
5/12/2017 1:00	97200	19.502	17.325	43.93	33981.871	39818.617	25.568	27.077	29.427	1.018
5/12/2017 1:15	98100	19.506	17.326	43.939	33966.203	39799.633	25.555	27.064	29.441	1.018
5/12/2017 1:30	99000	19.506	17.327	43.939	34036.047	39881.078	25.613	27.119	29.381	1.018
5/12/2017 1:45	99900	19.501	17.326	43.928	34019.508	39861.863	25.599	27.106	29.395	1.018
5/12/2017 2:00	100800	19.501	17.327	43.928	33987.391	39823.992	25.572	27.08	29.423	1.018
5/12/2017 2:15	101700	19.506	17.325	43.939	34016.156	39858.793	25.597	27.104	29.398	1.018
5/12/2017 2:30	102600	19.507	17.326	43.941	33985.484	39822.539	25.571	27.079	29.424	1.018
5/12/2017 2:45	103500	19.501	17.324	43.929	33987.031	39825.676	25.573	27.081	29.423	1.018
5/12/2017 3:00	104400	19.507	17.325	43.942	33977.035	39812.953	25.564	27.073	29.432	1.018
5/12/2017 3:15	105300	19.507	17.325	43.942	33926.996	39754.32	25.523	27.033	29.475	1.018
5/12/2017 3:30	106200	19.506	17.325	43.939	33998.059	39837.586	25.582	27.09	29.413	1.018
5/12/2017 3:45	107100	19.508	17.324	43.943	34033.785	39881.164	25.613	27.119	29.383	1.018
5/12/2017 4:00	108000	19.506	17.325	43.938	33975.281	39811.129	25.563	27.072	29.433	1.018
5/12/2017 4:15	108900	19.505	17.325	43.936	34036.645	39883.668	25.614	27.121	29.38	1.018
5/12/2017 4:30	109800	19.506	17.325	43.938	34023.488	39867.535	25.603	27.11	29.391	1.018
5/12/2017 4:45	110700	19.507	17.325	43.941	33968.211	39802.613	25.557	27.066	29.439	1.018
5/12/2017 5:00	111600	19.504	17.326	43.934	33975.023	39810.043	25.562	27.071	29.433	1.018
5/12/2017 5:15	112500	19.506	17.326	43.938	33970.387	39804.93	25.558	27.067	29.437	1.018
5/12/2017 5:30	113400	19.502	17.326	43.931	33959.109	39791.168	25.549	27.058	29.447	1.018
5/12/2017 5:45	114300	19.506	17.326	43.94	33978.84	39814.91	25.566	27.074	29.43	1.018
5/12/2017 6:00	115200	19.508	17.326	43.945	33973.945	39808.863	25.561	27.07	29.434	1.018
5/12/2017 6:15	116100	19.504	17.326	43.936	34022.652	39866.09	25.602	27.109	29.392	1.018
5/12/2017 6:30	117000	19.507	17.325	43.941	34042.102	39889.746	25.619	27.125	29.375	1.018
5/12/2017 6:45	117900	19.51	17.325	43.947	34001.199	39841.574	25.584	27.092	29.411	1.018
5/12/2017 7:00	118800	19.509	17.325	43.945	33985.641	39823.742	25.572	27.08	29.424	1.018
5/12/2017 7:15	119700	19.506	17.324	43.938	34024.652	39869.992	25.605	27.112	29.39	1.018
5/12/2017 7:30	120600	19.506	17.325	43.94	33960.664	39794.387	25.551	27.06	29.446	1.018
5/12/2017 7:45	121500	19.506	17.325	43.938	34014.199	39857.367	25.596	27.103	29.399	1.018
5/12/2017 8:00	122400	19.506	17.324	43.938	34029.262	39875.062	25.608	27.115	29.386	1.018
5/12/2017 8:15	123300	19.506	17.324	43.939	34000.699	39841.77	25.585	27.092	29.411	1.018
5/12/										

5/13/2017 6:30	203400	19.507	17.325	43.942	33977.289	39813.801	25.565	27.073	29.431	1.018
5/13/2017 6:45	204300	19.514	17.325	43.957	33984.965	39822.32	25.571	27.079	29.425	1.018
5/13/2017 7:00	205200	19.514	17.326	43.957	33998.574	39838.117	25.582	27.09	29.413	1.018
5/13/2017 7:15	206100	19.511	17.325	43.951	33973.73	39809.078	25.561	27.07	29.435	1.018
5/13/2017 7:30	207000	19.511	17.322	43.95	33990.895	39832.008	25.578	27.086	29.42	1.018
5/13/2017 7:45	207900	19.51	17.323	43.947	33953.008	39787.223	25.546	27.055	29.452	1.018
5/13/2017 8:00	208800	19.508	17.323	43.944	33998	39839.703	25.583	27.091	29.413	1.018
5/13/2017 8:15	209700	19.51	17.323	43.948	33981.566	39820.602	25.569	27.078	29.428	1.018
5/13/2017 8:30	210600	19.512	17.324	43.954	33966.266	39802.832	25.557	27.066	29.441	1.018
5/13/2017 8:45	211500	19.51	17.324	43.948	34049.105	39899.047	25.625	27.131	29.369	1.018
5/13/2017 9:00	212400	19.514	17.323	43.957	33968.063	39804.777	25.558	27.067	29.439	1.018
5/13/2017 9:15	213300	19.506	17.323	43.94	34021.508	39867.648	25.603	27.11	29.393	1.018
5/13/2017 9:30	214200	19.512	17.324	43.952	33963.125	39797.984	25.553	27.063	29.444	1.018
5/13/2017 9:45	215100	19.508	17.327	43.944	33988.68	39825.031	25.573	27.081	29.422	1.018
5/13/2017 10:00	216000	19.507	17.328	43.942	33964.059	39795.484	25.552	27.061	29.443	1.018
5/13/2017 10:15	216900	19.51	17.327	43.949	34019.012	39860.57	25.598	27.105	29.395	1.018
5/13/2017 10:30	217800	19.513	17.327	43.955	33984.711	39820.227	25.569	27.078	29.425	1.018
5/13/2017 10:45	218700	19.509	17.328	43.946	33983.832	39818.727	25.568	27.077	29.426	1.018
5/13/2017 11:00	219600	19.506	17.328	43.94	33907.426	39729.129	25.505	27.016	29.492	1.018
5/13/2017 11:15	220500	19.507	17.328	43.942	33940.945	39768.633	25.533	27.043	29.463	1.018
5/13/2017 11:30	221400	19.509	17.328	43.946	33931.762	39757.719	25.525	27.035	29.471	1.018
5/13/2017 11:45	222300	19.511	17.328	43.951	33875.691	39691.707	25.478	26.99	29.52	1.018
5/13/2017 12:00	223200	19.506	17.328	43.939	33918.586	39742.508	25.514	27.025	29.482	1.018
5/13/2017 12:15	224100	19.505	17.328	43.936	33889.043	39707.82	25.49	27.001	29.508	1.018
5/13/2017 12:30	225000	19.51	17.328	43.949	33852.633	39665.004	25.459	26.972	29.54	1.018
5/13/2017 12:45	225900	19.507	17.328	43.942	33877.699	39694.219	25.48	26.992	29.518	1.018
5/13/2017 13:00	226800	19.508	17.328	43.943	33873.43	39689.055	25.476	26.989	29.522	1.018
5/13/2017 13:15	227700	19.502	17.329	43.931	33871.648	39686.738	25.475	26.987	29.523	1.018
5/13/2017 13:30	228600	19.505	17.329	43.937	33846.977	39657.207	25.459	26.967	29.545	1.018
5/13/2017 13:45	229500	19.512	17.329	43.953	33828.422	39635.941	25.439	26.952	29.561	1.018
5/13/2017 14:00	230400	19.504	17.329	43.936	33872.148	39686.621	25.475	26.987	29.523	1.018
5/13/2017 14:15	231300	19.505	17.33	43.937	33870.781	39684.789	25.473	26.986	29.524	1.018
5/13/2017 14:30	232200	19.508	17.33	43.945	33865.254	39677.844	25.468	26.981	29.529	1.018
5/13/2017 14:45	233100	19.508	17.33	43.943	33823.586	39629.18	25.434	26.948	29.565	1.018
5/13/2017 15:00	234000	19.509	17.33	43.946	33901.535	39720.355	25.499	27.01	29.497	1.018
5/13/2017 15:15	234900	19.504	17.33	43.934	33902.375	39721.098	25.499	27.01	29.496	1.018
5/13/2017 15:30	235800	19.507	17.33	43.942	33867.758	39681.32	25.471	26.983	29.527	1.018
5/13/2017 15:45	236700	19.506	17.33	43.939	33884.395	39700.5	25.484	26.996	29.512	1.018
5/13/2017 16:00	237600	19.501	17.329	43.927	33887.934	39705.117	25.488	26.999	29.509	1.018
5/13/2017 16:15	238500	19.503	17.329	43.933	33885.203	39702.316	25.486	26.998	29.511	1.018
5/13/2017 16:30	239400	19.498	17.329	43.921	33839.59	39648.711	25.448	26.961	29.551	1.018
5/13/2017 16:45	240300	19.496	17.328	43.917	33864.441	39678.84	25.469	26.982	29.529	1.018
5/13/2017 17:00	241200	19.496	17.329	43.916	33833.445	39641.898	25.443	26.956	29.557	1.018
5/13/2017 17:15	242100	19.501	17.329	43.928	33846.973	39657.125	25.454	26.967	29.545	1.018
5/13/2017 17:30	243000	19.497	17.328	43.918	33893.961	39713.113	25.493	27.005	29.504	1.018
5/13/2017 17:45	243900	19.494	17.328	43.911	33877.906	39694.703	25.48	26.992	29.518	1.018
5/13/2017 18:00	244800	19.495	17.327	43.913	33858.293	39672.414	25.464	26.977	29.535	1.018
5/13/2017 18:15	245700	19.499	17.327	43.924	33879.527	39697.375	25.482	26.994	29.516	1.018
5/13/2017 18:30	246600	19.496	17.328	43.917	33869.105	39684.613	25.473	26.986	29.525	1.018
5/13/2017 18:45	247500	19.494	17.327	43.913	33885.145	39703.719	25.487	26.999	29.511	1.018
5/13/2017 19:00	248400	19.492	17.328	43.907	33862.535	39676.914	25.468	26.98	29.531	1.018
5/13/2017 19:15	249300	19.492	17.327	43.908	33895.488	39715.836	25.495	27.007	29.502	1.018
5/13/2017 19:30	250200	19.49	17.327	43.904	33889.262	39709.086	25.49	27.002	29.508	1.018
5/13/2017 19:45	251100	19.492	17.326	43.908	33877.109	39695.313	25.481	26.993	29.518	1.018
5/13/2017 20:00	252000	19.489	17.326	43.901	33877.285	39695.215	25.481	26.993	29.518	1.018
5/13/2017 20:15	252900	19.49	17.326	43.904	33895.738	39716.988	25.496	27.008	29.502	1.018
5/13/2017 20:30	253800	19.495	17.326	43.913	33847.84	39660.789	25.456	26.969	29.544	1.018
5/13/2017 20:45	254700	19.487	17.325	43.895	33911.906	39736.637	25.51	27.021	29.488	1.018
5/13/2017 21:00	255600	19.486	17.327	43.895	33874.973	39692.266	25.478	26.991	29.52	1.018
5/13/2017 21:15	256500	19.487	17.326	43.895	33900.609	39722.773	25.5	27.011	29.498	1.018
5/13/2017 21:30	257400	19.485	17.326	43.891	33886.477	39706.289	25.488	27	29.51	1.018
5/13/2017 21:45	258300	19.488	17.326	43.9	33881.141	39699.883	25.484	26.996	29.515	1.018
5/13/2017 22:00	259200	19.482	17.326	43.886	33872.68	39690.289	25.477	26.989	29.522	1.018
5/13/2017 22:15	260100	19.481	17.327	43.883	33879.238	39697.422	25.482	26.994	29.517	1.018
5/13/2017 22:30	261000	19.487	17.326	43.895	33892.25	39713.531	25.494	27.005	29.505	1.018
5/13/2017 22:45	261900	19.483	17.326	43.888	33890.402	39710.586	25.491	27.003	29.507	1.018
5/13/2017 23:00	262800	19.48	17.325	43.881	33884.434	39704.52	25.487	26.999	29.512	1.018
5/13/2017 23:15	263700	19.482	17.324	43.886	33885.031	39706.23	25.488	27	29.512	1.018
5/13/2017 23:30	264600	19.483	17.325	43.887	33908.25	39732.426	25.507	27.018	29.491	1.018
5/13/2017 23:45	265500	19.484	17.325	43.889	33935.035	39763.887	25.529	27.039	29.468	1.018
5/14/2017 0:00	266400	19.482	17.326	43.886	33900.816	39723.258	25.5	27.012	29.498	1.018
5/14/2017 0:15	267300	19.48	17.326	43.881	33873.223	39690.762	25.477	26.99	29.522	1.018
5/14/2017 0:30	268200	19.484	17.326	43.889	33901.625	39723.965	25.501	27.012	29.497	1.018
5/14/2017 0:45	269100	19.479	17.326	43.879	33902.75	39725.285	25.502	27.013	29.496	1.018
5/14/2017 1:00	270000	19.482	17.327	43.886	33941.41	39770.273	25.534	27.044	29.463	1.018
5/14/2017 1:15	270900	19.479	17.326	43.879	33894.305	39715.234	25.495	27.006	29.503	1.018
5/14/2017 1:30	271800	19.481	17.326	43.883	33924.148	39750.434	25.52	27.03	29.478	1.018
5/14/2017 1:45	272700	19.482	17.327	43.884	33871.984	39688.84	25.476	26.988	29.523	1.018
5/14/2017 2:00	273600	19.483	17.326	43.887	33936.953	39765.438	25.53	27.04	29.466	1.018
5/14/2017 2:15	274500	19.479	17.327	43.879	33958.52	39790.32	25.548	27.057	29.448	1.018
5/14/2017 2:30	275400	19.483	17.325	43.886	33914.09	39739.969	25.512	27.023	29.486	1.018
5/14/2017 2:45	276300	19.479	17.324	43.878	33936.535	39767.207	25.532	27.042	29.467	1.018
5/14/2017 3:00	277200	19.477	17.325	43.875	33928.52	39756.496	25.524	27.034	29.474	1.018
5/14/2017 3:15	278100	19.484	17.325	43.891	33926.301	39754.207	25.522	27.033	29.476	1.018
5/14/2017 3:30	279000	19.479	17.323	43.878	33896.691	39721.074	25.499	27.01	29.501	1.018
5/14/2017 3:45	279900	19.481	17.324	43.884	33902.125	39726.344	25.503	27.014	29.497	1.018
5/14/2017 4:00	280800	19.479	17.325	43.878	33928.773	39757.176	25.524	27.035	29.474	1.018
5/14/2017 4:15	281700	19.485	17.326	43.892	33978.527	39814.547	25.565	27.074	29.43	1.018
5/14/2017 4:30	282600	19.483	17.326	43.887	33950.789	39781.813	25.542	27.052	29.454	1.018
5/14/2017 4:45	283500	19.48	17.325	43.88	33917.371	39743.039	25.514	27		

5/15/2017 3:00	363600	19.452	17.326	43.818	33909.926	39733.609	25.508	27.019	29.49	1.018
5/15/2017 3:15	364500	19.445	17.327	43.802	33901.652	39723.688	25.501	27.012	29.497	1.018
5/15/2017 3:30	365400	19.447	17.326	43.807	33910.836	39734.914	25.509	27.02	29.489	1.018
5/15/2017 3:45	366300	19.444	17.324	43.799	33944.438	39775.688	25.538	27.047	29.46	1.018
5/15/2017 4:00	367200	19.448	17.324	43.807	33919.02	39746.211	25.517	27.027	29.482	1.018
5/15/2017 4:15	368100	19.447	17.324	43.807	33935.016	39764.727	25.53	27.04	29.468	1.018
5/15/2017 4:30	369000	19.447	17.324	43.807	33893.5	39716	25.495	27.007	29.504	1.018
5/15/2017 4:45	369900	19.445	17.325	43.802	33894.457	39716.652	25.496	27.007	29.503	1.018
5/15/2017 5:00	370800	19.446	17.326	43.803	33951.66	39783.063	25.543	27.052	29.454	1.018
5/15/2017 5:15	371700	19.444	17.326	43.8	33896.801	39718.551	25.497	27.009	29.501	1.018
5/15/2017 5:30	372600	19.448	17.326	43.808	33929.895	39757.559	25.525	27.035	29.473	1.018
5/15/2017 5:45	373500	19.443	17.326	43.796	33956.516	39788.832	25.547	27.056	29.449	1.018
5/15/2017 6:00	374400	19.446	17.325	43.803	33924.719	39752.512	25.521	27.032	29.477	1.018
5/15/2017 6:15	375300	19.446	17.325	43.804	33913.406	39738.699	25.511	27.022	29.487	1.018
5/15/2017 6:30	376200	19.443	17.326	43.797	33973.051	39807.734	25.56	27.069	29.435	1.018
5/15/2017 6:45	377100	19.439	17.325	43.788	33934.266	39763.23	25.529	27.039	29.469	1.018
5/15/2017 7:00	378000	19.444	17.325	43.799	33906.699	39731.309	25.506	27.017	29.493	1.018
5/15/2017 7:15	378900	19.441	17.325	43.793	33944.559	39775.449	25.537	27.047	29.46	1.018
5/15/2017 7:30	379800	19.442	17.325	43.796	33974.184	39810.16	25.562	27.071	29.434	1.018
5/15/2017 7:45	380700	19.44	17.324	43.791	33963	39797.75	25.553	27.062	29.444	1.018
5/15/2017 8:00	381600	19.441	17.325	43.793	33924.66	39752.445	25.521	27.032	29.477	1.018
5/15/2017 8:15	382500	19.442	17.325	43.796	33945.852	39776.961	25.539	27.048	29.459	1.018
5/15/2017 8:30	383400	19.442	17.324	43.794	33912.008	39737.766	25.511	27.022	29.488	1.018
5/15/2017 8:45	384300	19.445	17.324	43.802	33890.238	39712.176	25.493	27.004	29.507	1.018
5/15/2017 9:00	385200	19.442	17.325	43.795	33982.184	39819.691	25.569	27.077	29.427	1.018
5/15/2017 9:15	386100	19.44	17.325	43.791	33981.715	39818.512	25.568	27.077	29.428	1.018
5/15/2017 9:30	387000	19.444	17.327	43.8	33955.168	39786.078	25.545	27.055	29.451	1.018
5/15/2017 9:45	387900	19.442	17.327	43.796	33988.371	39824.91	25.573	27.081	29.422	1.018
5/15/2017 10:00	388800	19.439	17.327	43.788	33954.688	39785.121	25.544	27.054	29.451	1.018
5/15/2017 10:15	389700	19.44	17.328	43.79	33938.961	39766.383	25.531	27.041	29.465	1.018
5/15/2017 10:30	390600	19.436	17.327	43.782	33947.457	39776.809	25.539	27.048	29.457	1.018
5/15/2017 10:45	391500	19.437	17.327	43.785	33917.895	39742.012	25.514	27.025	29.483	1.018
5/15/2017 11:00	392400	19.438	17.328	43.786	33924.242	39748.996	25.519	27.029	29.477	1.018
5/15/2017 11:15	393300	19.437	17.328	43.783	33917.84	39741.492	25.514	27.024	29.483	1.018
5/15/2017 11:30	394200	19.438	17.328	43.786	33898.148	39718.176	25.497	27.008	29.5	1.018
5/15/2017 11:45	395100	19.436	17.328	43.781	33860.914	39674.793	25.466	26.979	29.533	1.018
5/15/2017 12:00	396000	19.433	17.327	43.776	33884.855	39703.297	25.486	26.998	29.512	1.018
5/15/2017 12:15	396900	19.438	17.327	43.787	33891.813	39711.609	25.492	27.004	29.506	1.018
5/15/2017 12:30	397800	19.443	17.328	43.797	33857.441	39670.793	25.463	26.976	29.536	1.018
5/15/2017 12:45	398700	19.436	17.328	43.781	33851.539	39663.566	25.458	26.971	29.541	1.018
5/15/2017 13:00	399600	19.436	17.328	43.781	33860.168	39673.832	25.465	26.978	29.533	1.018
5/15/2017 13:15	400500	19.433	17.328	43.776	33844.242	39655.172	25.452	26.966	29.547	1.018
5/15/2017 13:30	401400	19.437	17.328	43.784	33845.152	39656.164	25.453	26.966	29.546	1.018
5/15/2017 13:45	402300	19.43	17.328	43.769	33818.145	39624.125	25.43	26.944	29.57	1.018
5/15/2017 14:00	403200	19.432	17.328	43.773	33818.965	39625.707	25.431	26.945	29.569	1.018
5/15/2017 14:15	404100	19.432	17.328	43.771	33809.137	39614.039	25.423	26.938	29.578	1.018
5/15/2017 14:30	405000	19.435	17.329	43.779	33809.035	39613.375	25.423	26.937	29.578	1.018
5/15/2017 14:45	405900	19.429	17.329	43.767	33800.473	39603.266	25.415	26.93	29.585	1.018
5/15/2017 15:00	406800	19.434	17.329	43.777	33815.605	39620.77	25.428	26.942	29.572	1.018
5/15/2017 15:15	407700	19.433	17.329	43.776	33820.984	39627.227	25.432	26.947	29.567	1.018
5/15/2017 15:30	408600	19.433	17.329	43.775	33833.555	39641.559	25.443	26.956	29.556	1.018
5/15/2017 15:45	409500	19.434	17.33	43.778	33797.422	39598.602	25.412	26.927	29.588	1.018
5/15/2017 16:00	410400	19.428	17.33	43.763	33844.586	39654.172	25.452	26.965	29.547	1.018
5/15/2017 16:15	411300	19.432	17.329	43.771	33798.742	39600.852	25.414	26.929	29.587	1.018
5/15/2017 16:30	412200	19.431	17.329	43.769	33812.211	39616.703	25.425	26.939	29.575	1.018
5/15/2017 16:45	413100	19.432	17.329	43.773	33805.813	39609.363	25.42	26.934	29.581	1.018
5/15/2017 17:00	414000	19.428	17.328	43.764	33841.414	39651.703	25.45	26.963	29.55	1.018
5/15/2017 17:15	414900	19.432	17.328	43.772	33794.539	39597.09	25.411	26.926	29.591	1.018
5/15/2017 17:30	415800	19.433	17.328	43.775	33825.164	39632.742	25.436	26.95	29.564	1.018
5/15/2017 17:45	416700	19.436	17.327	43.782	33837.496	39647.73	25.447	26.96	29.553	1.018
5/15/2017 18:00	417600	19.43	17.327	43.769	33891.785	39711.969	25.492	27.004	29.506	1.018
5/15/2017 18:15	418500	19.428	17.327	43.764	33831.395	39641.207	25.442	26.956	29.558	1.018
5/15/2017 18:30	419400	19.429	17.327	43.767	33794.246	39597.523	25.411	26.926	29.591	1.018
5/15/2017 18:45	420300	19.432	17.326	43.773	33831.102	39641.406	25.442	26.956	29.559	1.018
5/15/2017 19:00	421200	19.429	17.326	43.767	33838.32	39649.789	25.448	26.962	29.552	1.018
5/15/2017 19:15	422100	19.432	17.326	43.773	33838.621	39649.91	25.448	26.962	29.552	1.018
5/15/2017 19:30	423000	19.43	17.327	43.768	33842.184	39653.848	25.451	26.965	29.549	1.018
5/15/2017 19:45	423900	19.438	17.325	43.786	33828.422	39639.426	25.441	26.955	29.561	1.018
5/15/2017 20:00	424800	19.432	17.326	43.772	33854.316	39668.375	25.462	26.974	29.538	1.018
5/15/2017 20:15	425700	19.434	17.326	43.777	33868.523	39685.574	25.474	26.986	29.526	1.018
5/15/2017 20:30	426600	19.435	17.325	43.779	33884.051	39704.148	25.487	26.999	29.512	1.018
5/15/2017 20:45	427500	19.435	17.324	43.78	33871.676	39690.891	25.477	26.99	29.523	1.018
5/15/2017 21:00	428400	19.436	17.324	43.782	33836.914	39649.773	25.448	26.962	29.554	1.018
5/15/2017 21:15	429300	19.435	17.324	43.779	33856.406	39672.688	25.464	26.977	29.537	1.018
5/15/2017 21:30	430200	19.434	17.325	43.777	33887.484	39708.793	25.49	27.002	29.509	1.018
5/15/2017 21:45	431100	19.435	17.324	43.779	33889.281	39711.684	25.492	27.004	29.508	1.018
5/15/2017 22:00	432000	19.436	17.323	43.781	33888.594	39711.965	25.492	27.004	29.508	1.018
5/15/2017 22:15	432900	19.438	17.321	43.786	33894.398	39719.703	25.498	27.009	29.503	1.018
5/15/2017 22:30	433800	19.437	17.324	43.785	33919.188	39746.652	25.517	27.028	29.482	1.018
5/15/2017 22:45	434700	19.439	17.322	43.788	33870.676	39691.203	25.478	26.99	29.524	1.018
5/15/2017 23:00	435600	19.44	17.323	43.789	33849.629	39665.605	25.459	26.973	29.542	1.018
5/15/2017 23:15	436500	19.444	17.323	43.799	33869.559	39689.281	25.476	26.989	29.525	1.018
5/15/2017 23:30	437400	19.44	17.323	43.79	33880.094	39701.938	25.485	26.997	29.516	1.018
5/15/2017 23:45	438300	19.443	17.323	43.798	33913.891	39741.23	25.513	27.024	29.486	1.018
5/16/2017 0:00	439200	19.444	17.323	43.799	33913.867	39741.578	25.513	27.024	29.486	1.018
5/16/2017 0:15	440100	19.445	17.322	43.801	33889.57	39713.5	25.493	27.005	29.508	1.018
5/16/2017 0:30	441000	19.447	17.322	43.806	33887.027	39710.676	25.491	27.003	29.51	1.018
5/16/2017 0:45	441900	19.446	17.321	43.803	33910.52	39738.906	25.511	27.022	29.489	1.018
5/16/2017 1:00	442800	19.447	17.324	43.806	33938.426	39772.242	25.535	27.045	29.465	1.018
5/16/2017 1:15	443700	19.444	17.324	43.8	33904.047	39728.9				

5/16/2017 23:30	523800	19.472	17.324	43.863	33917.082	39743.711	25.515	27.026	29.484	1.018
5/16/2017 23:45	524700	19.471	17.322	43.859	33874.133	39695.18	25.48	26.993	29.521	1.018
5/17/2017 0:00	525600	19.471	17.323	43.861	33834.313	39647.82	25.447	26.961	29.556	1.018
5/17/2017 0:15	526500	19.475	17.325	43.87	33896.621	39719.277	25.498	27.009	29.501	1.018
5/17/2017 0:30	527400	19.47	17.323	43.857	33878.895	39699.75	25.484	26.996	29.517	1.018
5/17/2017 0:45	528300	19.471	17.324	43.86	33910.996	39736.813	25.51	27.021	29.489	1.018
5/17/2017 1:00	529200	19.476	17.324	43.871	33905.254	39730.48	25.505	27.017	29.494	1.018
5/17/2017 1:15	530100	19.475	17.324	43.868	33898.297	39722.328	25.5	27.011	29.5	1.018
5/17/2017 1:30	531000	19.479	17.324	43.879	33871.148	39690.586	25.477	26.99	29.524	1.018
5/17/2017 1:45	531900	19.475	17.323	43.869	33897.309	39721.395	25.499	27.011	29.501	1.018
5/17/2017 2:00	532800	19.476	17.323	43.872	33896.945	39721.051	25.499	27.01	29.501	1.018
5/17/2017 2:15	533700	19.477	17.323	43.875	33825.719	39637.973	25.44	26.954	29.563	1.018
5/17/2017 2:30	534600	19.479	17.322	43.879	33813.016	39623.488	25.429	26.944	29.574	1.018
5/17/2017 2:45	535500	19.48	17.323	43.882	33921.934	39750.496	25.52	27.03	29.479	1.018
5/17/2017 3:00	536400	19.481	17.324	43.884	33889.98	39712.43	25.493	27.004	29.507	1.018
5/17/2017 3:15	537300	19.478	17.323	43.875	33899.996	39725.324	25.502	27.013	29.499	1.018
5/17/2017 3:30	538200	19.476	17.322	43.873	33846.926	39663.223	25.458	26.971	29.545	1.018
5/17/2017 3:45	539100	19.483	17.323	43.888	33919.055	39747.348	25.517	27.028	29.482	1.018
5/17/2017 4:00	540000	19.483	17.323	43.887	33896.531	39721.199	25.499	27.01	29.502	1.018
5/17/2017 4:15	540900	19.482	17.323	43.886	33857.035	39674.605	25.466	26.979	29.536	1.018
5/17/2017 4:30	541800	19.481	17.323	43.884	33885.316	39708.055	25.49	27.001	29.511	1.018
5/17/2017 4:45	542700	19.486	17.323	43.895	33919.266	39747.754	25.518	27.028	29.482	1.018
5/17/2017 5:00	543600	19.485	17.322	43.893	33900.816	39726.918	25.503	27.014	29.498	1.018
5/17/2017 5:15	544500	19.479	17.323	43.878	33949.844	39783.426	25.543	27.053	29.455	1.018
5/17/2017 5:30	545400	19.479	17.323	43.878	33916.035	39743.809	25.515	27.026	29.485	1.018
5/17/2017 5:45	546300	19.479	17.322	43.879	33965.477	39802.527	25.557	27.066	29.442	1.018
5/17/2017 6:00	547200	19.489	17.321	43.901	33951.242	39786.793	25.545	27.055	29.454	1.018
5/17/2017 6:15	548100	19.486	17.322	43.894	33950.844	39785.379	25.544	27.054	29.454	1.018
5/17/2017 6:30	549000	19.483	17.323	43.888	33895.215	39719.344	25.498	27.009	29.503	1.018
5/17/2017 6:45	549900	19.483	17.323	43.887	33914.879	39742.301	25.514	27.025	29.486	1.018
5/17/2017 7:00	550800	19.488	17.322	43.898	33917.219	39745.902	25.516	27.027	29.484	1.018
5/17/2017 7:15	551700	19.485	17.323	43.892	33884.285	39706.379	25.488	27	29.512	1.018
5/17/2017 7:30	552600	19.482	17.323	43.885	33956.605	39790.961	25.548	27.058	29.449	1.018
5/17/2017 7:45	553500	19.485	17.323	43.892	33920.039	39748.191	25.518	27.029	29.481	1.018
5/17/2017 8:00	554400	19.486	17.323	43.895	33930.25	39759.996	25.526	27.037	29.472	1.018
5/17/2017 8:15	555300	19.486	17.322	43.894	33938.848	39770.941	25.534	27.044	29.465	1.018
5/17/2017 8:30	556200	19.486	17.323	43.895	33949.824	39783.566	25.543	27.053	29.455	1.018
5/17/2017 8:45	557100	19.484	17.323	43.89	33947.215	39780.191	25.541	27.051	29.457	1.018
5/17/2017 9:00	558000	19.483	17.323	43.888	33927.32	39757.195	25.524	27.035	29.475	1.018
5/17/2017 9:15	558900	19.491	17.321	43.906	33925.984	39756.719	25.524	27.035	29.476	1.018
5/17/2017 9:30	559800	19.488	17.321	43.9	33915.809	39745.5	25.516	27.027	29.485	1.018
5/17/2017 9:45	560700	19.486	17.321	43.894	33937.742	39770.652	25.534	27.044	29.466	1.018
5/17/2017 10:00	561600	19.485	17.322	43.893	33943.078	39775.898	25.538	27.048	29.461	1.018
5/17/2017 10:15	562500	19.487	17.322	43.895	33936.242	39768.113	25.532	27.042	29.467	1.018
5/17/2017 10:30	563400	19.486	17.322	43.894	33940.938	39773.852	25.536	27.046	29.463	1.018
5/17/2017 10:45	564300	19.487	17.322	43.895	33952.102	39786.865	25.545	27.055	29.453	1.018
5/17/2017 11:00	565200	19.485	17.322	43.891	33899.965	39725.527	25.502	27.013	29.499	1.018
5/17/2017 11:15	566100	19.483	17.324	43.886	33974.754	39811.211	25.563	27.072	29.434	1.018
5/17/2017 11:30	567000	19.485	17.326	43.892	33982.082	39818.637	25.568	27.077	29.427	1.018
5/17/2017 11:45	567900	19.48	17.326	43.881	33928.031	39754.824	25.523	27.033	29.474	1.018
5/17/2017 12:00	568800	19.486	17.326	43.894	33885.645	39705.242	25.488	27	29.511	1.018
5/17/2017 12:15	569700	19.489	17.326	43.9	33913.285	39737.473	25.511	27.021	29.487	1.018
5/17/2017 12:30	570600	19.488	17.326	43.899	33973.105	39807.879	25.561	27.069	29.435	1.018
5/17/2017 12:45	571500	19.485	17.326	43.892	33935.203	39763.23	25.529	27.039	29.468	1.018
5/17/2017 13:00	572400	19.48	17.326	43.881	33921.754	39747.395	25.518	27.028	29.48	1.018
5/17/2017 13:15	573300	19.483	17.327	43.886	33842.395	39654.094	25.451	26.965	29.549	1.018
5/17/2017 13:30	574200	19.481	17.327	43.883	33880.605	39698.941	25.483	26.995	29.515	1.018
5/17/2017 13:45	575100	19.483	17.327	43.888	33849.602	39662.539	25.457	26.971	29.542	1.018
5/17/2017 14:00	576000	19.481	17.326	43.884	33839.957	39651.551	25.45	26.963	29.551	1.018
5/17/2017 14:15	576900	19.48	17.327	43.88	33831.652	39641.582	25.442	26.956	29.558	1.018
5/17/2017 14:30	577800	19.486	17.327	43.893	33852.477	39666.066	25.46	26.973	29.54	1.018
5/17/2017 14:45	578700	19.483	17.326	43.886	33818.793	39626.68	25.432	26.946	29.569	1.018
5/17/2017 15:00	579600	19.479	17.326	43.878	33826.895	39636.246	25.439	26.953	29.562	1.018
5/17/2017 15:15	580500	19.477	17.327	43.875	33782.293	39583.125	25.401	26.917	29.601	1.018
5/17/2017 15:30	581400	19.477	17.327	43.875	33758.645	39555.652	25.381	26.898	29.622	1.018
5/17/2017 15:45	582300	19.482	17.327	43.885	33779.871	39580.992	25.399	26.915	29.603	1.018
5/17/2017 16:00	583200	19.482	17.327	43.886	33801.082	39605.219	25.417	26.932	29.585	1.018
5/17/2017 16:15	584100	19.479	17.327	43.879	33750.703	39546.035	25.375	26.891	29.629	1.018
5/17/2017 16:30	585000	19.481	17.328	43.884	33835.414	39644.828	25.445	26.958	29.555	1.018
5/17/2017 16:45	585900	19.476	17.329	43.871	33753.434	39548.148	25.376	26.893	29.627	1.018
5/17/2017 17:00	586800	19.479	17.329	43.879	33784.039	39583.469	25.401	26.917	29.6	1.018
5/17/2017 17:15	587700	19.48	17.329	43.881	33800.383	39602.691	25.415	26.93	29.585	1.018
5/17/2017 17:30	588600	19.482	17.329	43.885	33754.266	39549.203	25.377	26.893	29.626	1.018
5/17/2017 17:45	589500	19.477	17.329	43.875	33762.313	39558.395	25.384	26.9	29.619	1.018
5/17/2017 18:00	590400	19.48	17.327	43.881	33747.824	39542.582	25.372	26.889	29.632	1.018
5/17/2017 18:15	591300	19.477	17.328	43.875	33740.965	39534.25	25.366	26.883	29.638	1.018
5/17/2017 18:30	592200	19.477	17.327	43.874	33761.059	39558.48	25.384	26.9	29.62	1.018
5/17/2017 18:45	593100	19.478	17.327	43.875	33797.41	39601.387	25.414	26.929	29.588	1.018
5/17/2017 19:00	594000	19.478	17.327	43.876	33742.402	39537.004	25.368	26.885	29.636	1.018
5/17/2017 19:15	594900	19.48	17.327	43.88	33801.766	39606.332	25.417	26.932	29.584	1.018
5/17/2017 19:30	595800	19.479	17.326	43.878	33752.352	39548.977	25.377	26.893	29.628	1.018
5/17/2017 19:45	596700	19.479	17.326	43.879	33769.566	39569.301	25.391	26.907	29.612	1.018
5/17/2017 20:00	597600	19.483	17.326	43.888	33798.113	39603.223	25.415	26.93	29.587	1.018
5/17/2017 20:15	598500	19.479	17.325	43.878	33832.727	39643.934	25.444	26.958	29.557	1.018
5/17/2017 20:30	599400	19.482	17.325	43.884	33833.746	39645.914	25.445	26.959	29.556	1.018
5/17/2017 20:45	600300	19.48	17.325	43.88	33838.637	39651.176	25.449	26.963	29.552	1.018
5/17/2017 21:00	601200	19.481	17.324	43.884	33819.828	39629.98	25.434	26.948	29.568	1.018
5/17/2017 21:15	602100	19.478	17.326	43.876	33785.512	39588.305	25.405	26.92	29.598	1.018
5/17/2017 21:30	603000	19.479	17.325	43.878	33814.699	39622.965	25.429	26.944	29.573	1.018
5/17/2017 21:45	603900	19.482	17.325	43.885	33798.313	39604.234	2			

Report Date: 5/19/2017 8:54
Report User Name: AVanHaitsma
Report Computer Name: WKST34
Application: WinSitu.exe
Application Version: 5.6.25.0

Log File Properties

File Name	MPWSP MW-4D Pre Test_2017-05-18_18-40-01-885.wsl
Create Date	5/18/2017 18:39

Device Properties			
Device	Aqua TROLL 200		
Site	MPWSP MW-4D		
Device Name			
Serial Number	398881		
Firmware Version	2.01		
Hardware Version	3		
Device Address	1		
Device Comm Cfg	19200	8 Even	1 (Modbus-RTU)
Used Memory	0		
Used Battery	23		

Log Configuration	Log Name	MPWSP MW-4D Pre Test
	Created By	Skuiper
	Computer Name	PROBOOK8
	Application	WinSitu.exe
	Application Version	5.6.25.0
	Create Date	3/3/2017 8:03:23 AM Pacific Standard Time
	Log Setup Time Zone	Pacific Standard Time
	Notes Size(bytes)	4096
	Overwrite when full	Enabled
	Scheduled Start Time	3/3/2017 8:15:00 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	1.024

Other Log Settings			
Depth of Probe:	-0.350963 (ft)		
Head Pressure:	-0.155804 (PSI)		
Temperature:	19.0295 (C)		
Specific Conductivity Model:	Standard Methods		
	Reference Temperature:	25	
	Temperature Coefficient:	0.0191	
TDS Factor:	0.68		

Log Notes:	
Date and Time	Note
3/3/2017 8:03	Used Battery: 23% Used Memory: 3% User Name: Skuiiper
3/3/2017 9:31	Log Download - Used Battery: 23% Used Memory: 3% User Name: Skuiiper
3/9/2017 17:30	Log Download - Used Battery: 23% Used Memory: 3% User Name: WMassoll Interval - Start Time: 3/3/2017 8:15:00 AM Stop Time: 3/9/2017 7:15:00 PM
3/10/2017 15:38	Log Download - Used Battery: 23% Used Memory: 3% User Name: WMassoll Interval - Start Time: 3/1/2017 8:15:00 AM Stop Time: 3/10/2017 6:45:00 PM
3/16/2017 18:38	Log Download - Used Battery: 24% Used Memory: 4% User Name: WMassoll Interval - Start Time: 3/8/2017 10:00:00 PM Stop Time: 3/16/2017 7:30:00 PM
3/23/2017 6:52	Log Download - Used Battery: 24% Used Memory: 4% User Name: AVanHaitsma Interval - Start Time: 3/15/2017 10:00:00 PM Stop Time: 3/23/2017 8:45:00 AM
3/30/2017 9:24	Log Download - Used Battery: 24% Used Memory: 6% User Name: AVanHaitsma Interval - Start Time: 3/22/2017 10:00:00 PM Stop Time: 3/30/2017 10:15:00 AM
4/6/2017 18:13	Log Download - Used Battery: 25% Used Memory: 6% User Name: WMassoll Interval - Start Time: 3/3/2017 8:15:00 AM Stop Time: 4/6/2017 8:00:00 PM
4/13/2017 18:34	Log Download - Used Battery: 25% Used Memory: 7% User Name: WMassoll Interval - Start Time: 4/5/2017 12:00:00 PM Stop Time: 4/13/2017 7:30:00 PM
4/20/2017 6:57	Log Download - Used Battery: 26% Used Memory: 7% User Name: AVanHaitsma Interval - Start Time: 4/12/2017 10:00:00 PM Stop Time: 4/20/2017 8:45:00 AM
4/27/2017 18:36	Log Download - Used Battery: 26% Used Memory: 9% User Name: WMassoll Interval - Start Time: 4/19/2017 10:00:00 PM Stop Time: 4/27/2017 7:30:00 PM
5/4/2017 12:44	Log Download - Used Battery: 26% Used Memory: 9% User Name: AVanHaitsma Interval - Start Time: 3/31/2017 10:00:00 PM Stop Time: 5/4/2017 1:30:00 PM
5/11/2017 7:01	Log Download - Used Battery: 27% Used Memory: 10% User Name: AVanHaitsma Interval - Start Time: 5/3/2017 10:00:00 PM Stop Time: 5/11/2017 2:15:00 PM
5/11/2017 7:04	Log Download - Used Battery: 27% Used Memory: 10% User Name: AVanHaitsma Interval - Start Time: 5/3/2017 10:00:00 PM Stop Time: 5/11/2017 7:00:00 AM
5/11/2017 7:23	Log Download - Used Battery: 27% Used Memory: 10% User Name: AVanHaitsma Interval - Start Time: 5/3/2017 10:00:00 PM Stop Time: 5/11/2017 7:15:00 AM
5/18/2017 18:38	Log Download - Used Battery: 27% Used Memory: 10% User Name: WMassoll Interval - Start Time: 5/10/2017 10:00:00 PM Stop Time: 5/18/2017 7:30:00 PM

Log Data:
Record Count 755

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

Time Zone: Pacific Daylight Time

Date and Time	Elapsed Time Seconds	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	
		SN#: 398881		SN#: 398881		SN#: 398881		SN#: 398881		SN#: 398881		SN#: 398881		SN#: 398881	
		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)					
5/11/2017 0:00	7200	120.081	20.413	270.494	38171.68	41837.473	27.135	28.449	26.197						
5/11/2017 0:15	8100	120.078	20.413	270.487	38178.527	41844.363	27.14	28.454	26.193						
5/11/2017 0:30	9000	120.086	20.409	270.506	38214.746	41887.879	27.171	28.484	26.168						
5/11/2017 0:45	9900	120.074	20.412	270.477	38194.473	41863.063	27.153	28.467	26.182						
5/11/2017 1:00	10800	120.066	20.413	270.459	38148.242	41811.711	27.117	28.432	26.214						
5/11/2017 1:15	11700	120.05	20.412	270.423	38214.023	41884.102	27.169	28.481	26.168						
5/11/2017 1:30	12600	120.027	20.411	270.373	38184.762	41852.879	27.146	28.46	26.188						
5/11/2017 1:45	13500	120.018	20.412	270.352	38206.375	41875.645	27.163	28.475	26.174						
5/11/2017 2:00	14400	120.001	20.412	270.314	38242.914	41915.922	27.192	28.503	26.149						
5/11/2017 2:15	15300	119.965	20.412	270.232	38184.879	41852.621	27.146	28.46	26.188						
5/11/2017 2:30	16200	119.952	20.413	270.203	38223.547	41894.012	27.176	28.488	26.162						
5/11/2017 2:45	17100	119.906	20.41	270.099	38196.145	41866.574	27.156	28.469	26.181						
5/11/2017 3:00	18000	119.886	20.41	270.055	38201.148	41871.836	27.16	28.473	26.177						
5/11/2017 3:15	18900	119.862	20.409	270.001	38166.254	41834.805	27.133	28.448	26.201						
5/11/2017 3:30	19800	119.846	20.411	269.964	38190.285	41859.082	27.151	28.464	26.185						
5/11/2017 3:45	20700	119.8	20.409	269.862	38190.125	41860.434	27.152	28.465	26.185						
5/11/2017 4:00	21600	119.772	20.41	269.797	38183.164	41852.418	27.146	28.46	26.19						
5/11/2017 4:15	22500	119.755	20.408	269.759	38216.496	41890.488	27.173	28.486	26.167						
5/11/2017 4:30	23400	119.725	20.41	269.693	38193.586	41863.695	27.154	28.467	26.182						
5/11/2017 4:45	24300	119.685	20.41	269.603	38167.703	41835.633	27.134	28.448	26.2						
5/11/2017 5:00	25200	119.678	20.41	269.587	38157.383	41824.238	27.125	28.44	26.207						
5/11/2017 5:15	26100	119.649	20.409	269.521	38147.738	41814.121	27.118	28.434	26.214						
5/11/2017 5:30	27000	119.613	20.408	269.44	38187.676	41859.121	27.151	28.464	26.186						
5/11/2017 5:45	27900	119.598	20.407	269.407	38175.578	41846.242	27.141	28.455	26.195						
5/11/2017 6:00	28800	119.58	20.41	269.365	38154.496	41821.156	27.123	28.438	26.209						
5/11/2017 6:15	29700	119.561	20.409	269.322	38148.547	41815.082	27.119	28.434	26.213						
5/11/2017 6:30	30600	119.551	20.409	269.3	38176.848	41846.336	27.141	28.456	26.194						
5/11/2017 6:45	31500	119.544	20.409	269.285	38152.895	41819.93	27.122	28.438	26.21						
5/11/2017 7:00	32400	119.524	20.408	269.24	38150.395	41817.723	27.121	28.436	26.212						

5/11/2017 22:15	87300	119.863	20.407	270.003	38171.113	41841.965	27.138	28.453	26.198	1.019
5/11/2017 22:30	88200	119.869	20.407	270.016	38173.039	41843.84	27.139	28.454	26.196	1.019
5/11/2017 22:45	89100	119.886	20.407	270.055	38215.629	41890.297	27.173	28.485	26.167	1.019
5/11/2017 23:00	90000	119.902	20.409	270.092	38183.996	41854.398	27.147	28.461	26.189	1.019
5/11/2017 23:15	90900	119.913	20.41	270.116	38171.18	41838.988	27.136	28.451	26.198	1.019
5/11/2017 23:30	91800	119.929	20.408	270.152	38189.965	41861.324	27.152	28.466	26.185	1.019
5/11/2017 23:45	92700	119.927	20.41	270.147	38202.051	41873.199	27.161	28.474	26.177	1.019
5/12/2017 0:00	93600	119.929	20.408	270.152	38199.711	41871.926	27.161	28.473	26.178	1.019
5/12/2017 0:15	94500	119.936	20.41	270.167	38216.289	41888.809	27.172	28.484	26.167	1.019
5/12/2017 0:30	95400	119.966	20.41	270.236	38206.813	41878.191	27.164	28.477	26.173	1.019
5/12/2017 0:45	96300	119.926	20.412	270.144	38174.984	41841.313	27.138	28.452	26.195	1.019
5/12/2017 1:00	97200	119.926	20.412	270.144	38170.578	41836.484	27.134	28.449	26.198	1.019
5/12/2017 1:15	98100	119.92	20.411	270.131	38194.156	41863.176	27.154	28.467	26.182	1.019
5/12/2017 1:30	99000	119.907	20.411	270.102	38186.594	41855.105	27.148	28.461	26.187	1.019
5/12/2017 1:45	99900	119.891	20.41	270.065	38177.98	41846.277	27.141	28.455	26.193	1.019
5/12/2017 2:00	100800	119.87	20.412	270.019	38214.063	41884.379	27.169	28.481	26.168	1.019
5/12/2017 2:15	101700	119.866	20.413	270.009	38208.59	41877.926	27.164	28.477	26.172	1.019
5/12/2017 2:30	102600	119.846	20.412	269.964	38199.223	41868.195	27.157	28.47	26.179	1.019
5/12/2017 2:45	103500	119.819	20.412	269.903	38187.594	41855.742	27.148	28.462	26.187	1.019
5/12/2017 3:00	104400	119.811	20.412	269.886	38201.355	41870.906	27.159	28.472	26.177	1.019
5/12/2017 3:15	105300	119.766	20.411	269.785	38214.598	41885.961	27.17	28.482	26.168	1.019
5/12/2017 3:30	106200	119.742	20.41	269.73	38203.293	41874.641	27.162	28.475	26.176	1.019
5/12/2017 3:45	107100	119.713	20.411	269.664	38186.898	41855.516	27.148	28.462	26.187	1.019
5/12/2017 4:00	108000	119.678	20.41	269.587	38190.191	41860.047	27.151	28.465	26.185	1.019
5/12/2017 4:15	108900	119.657	20.411	269.539	38214.344	41885.984	27.17	28.482	26.168	1.019
5/12/2017 4:30	109800	119.627	20.413	269.472	38163.078	41827.891	27.128	28.443	26.203	1.019
5/12/2017 4:45	110700	119.61	20.41	269.433	38182.539	41851.66	27.145	28.459	26.19	1.019
5/12/2017 5:00	111600	119.566	20.409	269.333	38181.297	41851.293	27.145	28.459	26.191	1.019
5/12/2017 5:15	112500	119.54	20.408	269.276	38202.602	41875.484	27.162	28.475	26.176	1.019
5/12/2017 5:30	113400	119.533	20.41	269.259	38163.18	41829.998	27.13	28.444	26.203	1.019
5/12/2017 5:45	114300	119.5	20.408	269.185	38214.207	41888.277	27.172	28.484	26.168	1.019
5/12/2017 6:00	115200	119.476	20.409	269.131	38184.762	41854.777	27.147	28.461	26.188	1.019
5/12/2017 6:15	116100	119.457	20.406	269.089	38169.813	41840.766	27.137	28.452	26.199	1.019
5/12/2017 6:30	117000	119.442	20.406	269.055	38177.617	41849.473	27.144	28.458	26.193	1.019
5/12/2017 6:45	117900	119.426	20.406	269.019	38189.035	41861.836	27.152	28.466	26.186	1.019
5/12/2017 7:00	118800	119.402	20.404	268.964	38206.773	41883.117	27.168	28.481	26.173	1.019
5/12/2017 7:15	119700	119.396	20.404	268.95	38176.676	41850.125	27.144	28.458	26.194	1.019
5/12/2017 7:30	120600	119.371	20.405	268.896	38187.504	41861.68	27.152	28.466	26.187	1.019
5/12/2017 7:45	121500	119.386	20.404	268.928	38159.957	41832.242	27.131	28.446	26.205	1.019
5/12/2017 8:00	122400	119.37	20.404	268.894	38175.613	41849.563	27.143	28.458	26.195	1.019
5/12/2017 8:15	123300	119.382	20.402	268.919	38166.047	41840.445	27.137	28.452	26.201	1.019
5/12/2017 8:30	124200	119.375	20.403	268.904	38180.996	41856.301	27.148	28.462	26.191	1.019
5/12/2017 8:45	125100	119.382	20.403	268.919	38155.203	41828.184	27.128	28.443	26.209	1.019
5/12/2017 9:00	126000	119.387	20.402	268.93	38169.418	41844.527	27.14	28.454	26.199	1.019
5/12/2017 9:15	126900	119.391	20.403	268.94	38185.539	41861.133	27.152	28.466	26.188	1.019
5/12/2017 9:30	127800	119.397	20.403	268.954	38159.387	41832.234	27.131	28.446	26.206	1.019
5/12/2017 9:45	128700	119.42	20.4	269.004	38215.164	41895.824	27.177	28.489	26.168	1.019
5/12/2017 10:00	129600	119.432	20.403	269.031	38167.473	41841.254	27.137	28.452	26.2	1.019
5/12/2017 10:15	130500	119.455	20.404	269.084	38196.848	41872.148	27.16	28.473	26.18	1.019
5/12/2017 10:30	131400	119.464	20.406	269.104	38190.559	41863.742	27.154	28.467	26.184	1.019
5/12/2017 10:45	132300	119.469	20.406	269.115	38185.883	41858.836	27.15	28.464	26.188	1.019
5/12/2017 11:00	133200	119.496	20.404	269.177	38156.621	41828.742	27.129	28.444	26.208	1.019
5/12/2017 11:15	134100	119.514	20.403	269.216	38166.027	41839.355	27.136	28.451	26.201	1.019
5/12/2017 11:30	135000	119.529	20.404	269.25	38167.742	41840.246	27.137	28.451	26.2	1.019
5/12/2017 11:45	135900	119.553	20.404	269.306	38172.047	41845.418	27.141	28.455	26.197	1.019
5/12/2017 12:00	136800	119.556	20.405	269.313	38184.102	41857.574	27.149	28.463	26.189	1.019
5/12/2017 12:15	137700	119.568	20.406	269.339	38163.598	41834.641	27.133	28.448	26.203	1.019
5/12/2017 12:30	138600	119.588	20.406	269.383	38193.996	41867.883	27.157	28.47	26.182	1.019
5/12/2017 12:45	139500	119.605	20.408	269.421	38177.688	41847.719	27.142	28.456	26.193	1.019
5/12/2017 13:00	140400	119.619	20.409	269.454	38217.207	41890.805	27.173	28.486	26.166	1.019
5/12/2017 13:15	141300	119.631	20.406	269.48	38198.211	41872.199	27.16	28.473	26.179	1.019
5/12/2017 13:30	142200	119.636	20.406	269.493	38208.793	41883.492	27.168	28.481	26.172	1.019
5/12/2017 13:45	143100	119.644	20.407	269.509	38196.074	41868.789	27.157	28.471	26.181	1.019
5/12/2017 14:00	144000	119.652	20.405	269.528	38217.633	41894.176	27.176	28.488	26.166	1.019
5/12/2017 14:15	144900	119.645	20.407	269.513	38163.281	41833.227	27.132	28.447	26.203	1.019
5/12/2017 14:30	145800	119.651	20.405	269.527	38231.254	41909.031	27.186	28.498	26.157	1.019
5/12/2017 14:45	146700	119.646	20.407	269.515	38217.656	41893.129	27.175	28.487	26.166	1.019
5/12/2017 15:00	147600	119.651	20.407	269.527	38196.355	41869.324	27.158	28.471	26.181	1.019
5/12/2017 15:15	148500	119.655	20.409	269.534	38188.48	41858.938	27.15	28.464	26.186	1.019
5/12/2017 15:30	149400	119.656	20.408	269.536	38227.742	41903.27	27.182	28.494	26.159	1.019
5/12/2017 15:45	150300	119.654	20.408	269.531	38222.867	41897.469	27.178	28.49	26.162	1.019
5/12/2017 16:00	151200	119.634	20.409	269.487	38210.574	41883.152	27.168	28.481	26.171	1.019
5/12/2017 16:15	152100	119.648	20.408	269.518	38209.961	41883.477	27.168	28.481	26.171	1.019
5/12/2017 16:30	153000	119.639	20.406	269.498	38206.137	41881.188	27.166	28.479	26.174	1.019
5/12/2017 16:45	153900	119.631	20.408	269.48	38172.754	41842.91	27.139	28.453	26.197	1.019
5/12/2017 17:00	154800	119.625	20.41	269.467	38227.285	41900.781	27.181	28.493	26.159	1.019
5/12/2017 17:15	155700	119.613	20.409	269.44	38194.941	41866.098	27.156	28.469	26.181	1.019
5/12/2017 17:30	156600	119.614	20.408	269.443	38191.371	41862.715	27.153	28.467	26.184	1.019
5/12/2017 17:45	157500	119.619	20.408	269.454	38216.457	41890.516	27.173	28.486	26.167	1.019
5/12/2017 18:00	158400	119.629	20.408	269.476	38189.008	41860.125	27.151	28.465	26.186	1.019
5/12/2017 18:15	159300	119.594	20.41	269.397	38184.402	41854.016	27.147	28.461	26.189	1.019
5/12/2017 18:30	160200	119.606	20.408	269.425	38175.742	41846.043	27.141	28.455	26.195	1.019
5/12/2017 18:45	161100	119.61	20.408	269.433	38186.059	41857.578	27.149	28.463	26.188	1.019
5/12/2017 19:00	162000	119.617	20.407	269.448	38194.59	41867.082	27.156	28.47	26.182	1.019
5/12/2017 19:15	162900	119.62	20.407	269.455	38186.82	41858.719	27.15	28.464	26.187	1.019
5/12/2017 19:30	163800	119.621	20.405	269.458	38189.504	41863.34	27.153	28.467	26.185	1.019
5/12/2017 19:45	164700	119.636	20.407	269.493	38179.797	41850.867	27.145	28.459	26.192	1.019
5/12/2017 20:00	165600	119.631	20.408	269.48	38227.238	41902.715	27.182	28.494	26.159	1.019
5/12/2017 20:15	166500	119.641	20.407	269.503						

5/13/2017 18:45	247500	119.637	20.411	269.495	38208.965	41880.016	27.166	28.478	26.172	1.019
5/13/2017 19:00	248400	119.615	20.41	269.446	38211.367	41882.957	27.168	28.48	26.17	1.019
5/13/2017 19:15	249300	119.622	20.413	269.461	38258.152	41932.25	27.203	28.514	26.138	1.019
5/13/2017 19:30	250200	119.628	20.411	269.474	38228.371	41900.898	27.181	28.493	26.159	1.019
5/13/2017 19:45	251100	119.62	20.41	269.455	38230.082	41903.473	27.183	28.494	26.157	1.019
5/13/2017 20:00	252000	119.639	20.41	269.498	38243.566	41918.332	27.193	28.504	26.148	1.019
5/13/2017 20:15	252900	119.642	20.409	269.506	38212.824	41885.926	27.17	28.482	26.169	1.019
5/13/2017 20:30	253800	119.644	20.412	269.509	38262.961	41937.813	27.207	28.518	26.135	1.019
5/13/2017 20:45	254700	119.651	20.409	269.527	38233.309	41908.305	27.186	28.498	26.155	1.019
5/13/2017 21:00	255600	119.665	20.409	269.557	38221.793	41895.602	27.177	28.489	26.163	1.019
5/13/2017 21:15	256500	119.657	20.41	269.539	38218.066	41890.301	27.173	28.485	26.166	1.019
5/13/2017 21:30	257400	119.693	20.411	269.62	38236.535	41909.848	27.187	28.499	26.153	1.019
5/13/2017 21:45	258300	119.685	20.41	269.603	38227.754	41900.758	27.181	28.493	26.159	1.019
5/13/2017 22:00	259200	119.704	20.412	269.646	38238.633	41911.535	27.188	28.5	26.152	1.019
5/13/2017 22:15	260100	119.711	20.411	269.661	38235.855	41909.563	27.187	28.499	26.153	1.019
5/13/2017 22:30	261000	119.722	20.411	269.685	38255.047	41930.211	27.202	28.513	26.14	1.019
5/13/2017 22:45	261900	119.736	20.41	269.716	38257.105	41933.246	27.204	28.515	26.139	1.019
5/13/2017 23:00	262800	119.757	20.411	269.764	38218.809	41890.488	27.173	28.486	26.165	1.019
5/13/2017 23:15	263700	119.765	20.411	269.782	38255.93	41931.176	27.203	28.513	26.14	1.019
5/13/2017 23:30	264600	119.775	20.411	269.805	38238.406	41911.676	27.189	28.5	26.152	1.019
5/13/2017 23:45	265500	119.792	20.411	269.843	38227.863	41900.578	27.18	28.492	26.159	1.019
5/14/2017 0:00	266400	119.802	20.412	269.865	38216.773	41886.969	27.171	28.483	26.167	1.019
5/14/2017 0:15	267300	119.81	20.412	269.883	38224.555	41895.957	27.177	28.489	26.161	1.019
5/14/2017 0:30	268200	119.82	20.413	269.906	38257.129	41930.816	27.202	28.513	26.139	1.019
5/14/2017 0:45	269100	119.826	20.412	269.92	38247.43	41920.953	27.195	28.506	26.146	1.019
5/14/2017 1:00	270000	119.828	20.413	269.925	38258.523	41932.5	27.204	28.514	26.138	1.019
5/14/2017 1:15	270900	119.833	20.412	269.935	38260.617	41935.633	27.206	28.516	26.137	1.019
5/14/2017 1:30	271800	119.83	20.412	269.93	38238.938	41911.262	27.188	28.5	26.151	1.019
5/14/2017 1:45	272700	119.833	20.414	269.935	38234.879	41905.742	27.184	28.496	26.154	1.019
5/14/2017 2:00	273600	119.832	20.412	269.933	38262.016	41936.559	27.206	28.517	26.136	1.019
5/14/2017 2:15	274500	119.82	20.412	269.906	38244.391	41917.238	27.193	28.504	26.148	1.019
5/14/2017 2:30	275400	119.811	20.414	269.886	38225.211	41895.293	27.177	28.489	26.161	1.019
5/14/2017 2:45	276300	119.799	20.415	269.86	38236.43	41906.605	27.185	28.496	26.153	1.019
5/14/2017 3:00	277200	119.785	20.414	269.828	38237.262	41907.898	27.186	28.497	26.153	1.019
5/14/2017 3:15	278100	119.782	20.412	269.821	38257.262	41931.883	27.203	28.514	26.139	1.019
5/14/2017 3:30	279000	119.757	20.415	269.764	38268.793	41942.074	27.211	28.521	26.131	1.019
5/14/2017 3:45	279900	119.736	20.412	269.716	38246.719	41919.793	27.194	28.505	26.146	1.019
5/14/2017 4:00	280800	119.713	20.414	269.664	38227.172	41896.992	27.178	28.49	26.159	1.019
5/14/2017 4:15	281700	119.695	20.413	269.624	38245.391	41917.645	27.193	28.504	26.147	1.019
5/14/2017 4:30	282600	119.677	20.411	269.584	38228.09	41900.445	27.18	28.492	26.159	1.019
5/14/2017 4:45	283500	119.645	20.412	269.513	38261.41	41936.43	27.206	28.517	26.136	1.019
5/14/2017 5:00	284400	119.626	20.41	269.469	38231.828	41905.918	27.184	28.496	26.156	1.019
5/14/2017 5:15	285300	119.6	20.407	269.411	38224.375	41900.039	27.18	28.492	26.161	1.019
5/14/2017 5:30	286200	119.573	20.407	269.349	38207.188	41880.969	27.166	28.479	26.173	1.019
5/14/2017 5:45	287100	119.556	20.41	269.311	38247.973	41923.77	27.197	28.508	26.145	1.019
5/14/2017 6:00	288000	119.526	20.411	269.243	38260	41936.027	27.206	28.516	26.137	1.019
5/14/2017 6:15	288900	119.505	20.409	269.198	38247.375	41923.797	27.197	28.508	26.146	1.019
5/14/2017 6:30	289800	119.476	20.409	269.131	38251.246	41928.188	27.2	28.511	26.143	1.019
5/14/2017 6:45	290700	119.462	20.409	269.101	38235.965	41910.754	27.188	28.499	26.153	1.019
5/14/2017 7:00	291600	119.438	20.41	269.047	38240.703	41915.191	27.191	28.502	26.15	1.019
5/14/2017 7:15	292500	119.415	20.407	268.993	38224.879	41900.285	27.18	28.492	26.161	1.019
5/14/2017 7:30	293400	119.394	20.407	268.946	38248.816	41926.75	27.199	28.51	26.145	1.019
5/14/2017 7:45	294300	119.371	20.406	268.896	38216.375	41891.879	27.174	28.486	26.167	1.019
5/14/2017 8:00	295200	119.365	20.404	268.88	38235.375	41914.621	27.19	28.502	26.154	1.019
5/14/2017 8:15	296100	119.355	20.407	268.86	38232.438	41909.332	27.187	28.498	26.156	1.019
5/14/2017 8:30	297000	119.343	20.407	268.831	38210.551	41884.957	27.169	28.482	26.171	1.019
5/14/2017 8:45	297900	119.333	20.406	268.81	38209.18	41884.297	27.169	28.481	26.172	1.019
5/14/2017 9:00	298800	119.327	20.406	268.795	38240.934	41919.414	27.194	28.505	26.15	1.019
5/14/2017 9:15	299700	119.322	20.406	268.784	38215.66	41891.559	27.174	28.486	26.167	1.019
5/14/2017 9:30	300600	119.326	20.404	268.792	38235.426	41914.824	27.191	28.502	26.154	1.019
5/14/2017 9:45	301500	119.315	20.403	268.769	38230.48	41910.621	27.187	28.499	26.157	1.019
5/14/2017 10:00	302400	119.327	20.404	268.797	38230.879	41909.457	27.187	28.498	26.157	1.019
5/14/2017 10:15	303300	119.326	20.404	268.792	38192.246	41867.953	27.157	28.47	26.183	1.019
5/14/2017 10:30	304200	119.338	20.402	268.82	38236.98	41918.523	27.193	28.505	26.153	1.019
5/14/2017 10:45	305100	119.348	20.406	268.842	38247.422	41926.605	27.199	28.51	26.146	1.019
5/14/2017 11:00	306000	119.35	20.41	268.848	38208.168	41880.137	27.166	28.478	26.172	1.019
5/14/2017 11:15	306900	119.375	20.406	268.904	38231.371	41908.398	27.186	28.498	26.157	1.019
5/14/2017 11:30	307800	119.381	20.407	268.917	38239.73	41917.105	27.192	28.504	26.151	1.019
5/14/2017 11:45	308700	119.378	20.406	268.91	38236.828	41914.227	27.19	28.502	26.153	1.019
5/14/2017 12:00	309600	119.409	20.409	268.979	38240.211	41915.48	27.191	28.503	26.15	1.019
5/14/2017 12:15	310500	119.415	20.408	268.993	38244.629	41921.551	27.196	28.507	26.147	1.019
5/14/2017 12:30	311400	119.428	20.407	269.023	38250.449	41928.313	27.2	28.511	26.143	1.019
5/14/2017 12:45	312300	119.448	20.407	269.068	38252.227	41930.262	27.202	28.513	26.142	1.019
5/14/2017 13:00	313200	119.455	20.408	269.084	38239.16	41915.246	27.191	28.502	26.151	1.019
5/14/2017 13:15	314100	119.478	20.408	269.135	38225.738	41900.988	27.181	28.493	26.16	1.019
5/14/2017 13:30	315000	119.487	20.409	269.156	38232.551	41907.621	27.185	28.497	26.156	1.019
5/14/2017 13:45	315900	119.499	20.409	269.182	38255.332	41932.129	27.203	28.514	26.14	1.019
5/14/2017 14:00	316800	119.492	20.409	269.167	38239.809	41915.352	27.191	28.502	26.151	1.019
5/14/2017 14:15	317700	119.516	20.408	269.223	38244.016	41920.492	27.195	28.506	26.148	1.019
5/14/2017 14:30	318600	119.533	20.409	269.259	38223.703	41897.387	27.178	28.49	26.162	1.019
5/14/2017 14:45	319500	119.539	20.409	269.274	38227.617	41902.141	27.182	28.493	26.159	1.019
5/14/2017 15:00	320400	119.549	20.41	269.295	38231.801	41905.73	27.184	28.496	26.156	1.019
5/14/2017 15:15	321300	119.549	20.41	269.297	38257.418	41933.586	27.204	28.515	26.139	1.019
5/14/2017 15:30	322200	119.556	20.412	269.321	38243.438	41916.805	27.192	28.503	26.148	1.019
5/14/2017 15:45	323100	119.556	20.413	269.313	38257.227	41931	27.202	28.513	26.139	1.019
5/14/2017 16:00	324000	119.561	20.413	269.322	38264.648	41939.297	27.208	28.519	26.134	1.019
5/14/2017 16:15	324900	119.556	20.413	269.321	38268.801	41943.152	27.211	28.521	26.131	1.019
5/14/2017 16:30	325800	119.564	20.41	269.331	38263.02	41940.027	27.209	28.519	26.135	1.019
5/14/2017 16:45	326700	119.552	20.411	269.302	38273.961					

5/15/2017 15:15	407700	119.572	20.407	269.347	38241.438	41918.586	27.193	28.505	26.15	1.019
5/15/2017 15:30	408600	119.58	20.409	269.365	38274.773	41953.754	27.219	28.529	26.127	1.019
5/15/2017 15:45	409500	119.577	20.41	269.359	38265.363	41942.297	27.211	28.521	26.133	1.019
5/15/2017 16:00	410400	119.592	20.409	269.394	38282.125	41961.5	27.224	28.534	26.122	1.019
5/15/2017 16:15	411300	119.61	20.409	269.433	38266.66	41944.324	27.212	28.522	26.132	1.019
5/15/2017 16:30	412200	119.605	20.41	269.421	38264.238	41941.137	27.21	28.52	26.134	1.019
5/15/2017 16:45	413100	119.608	20.412	269.43	38292.66	41970.363	27.231	28.54	26.115	1.019
5/15/2017 17:00	414000	119.606	20.411	269.425	38297.441	41977.758	27.236	28.545	26.111	1.019
5/15/2017 17:15	414900	119.608	20.41	269.428	38265.75	41942.719	27.211	28.521	26.133	1.019
5/15/2017 17:30	415800	119.621	20.412	269.458	38288.91	41966.871	27.228	28.537	26.117	1.019
5/15/2017 17:45	416700	119.612	20.414	269.438	38311.809	41989.984	27.245	28.553	26.102	1.019
5/15/2017 18:00	417600	119.621	20.413	269.458	38267.512	41942.352	27.211	28.521	26.132	1.019
5/15/2017 18:15	418500	119.619	20.41	269.454	38293.258	41972.719	27.232	28.541	26.114	1.019
5/15/2017 18:30	419400	119.638	20.411	269.497	38289.875	41969.383	27.23	28.539	26.117	1.019
5/15/2017 18:45	420300	119.615	20.411	269.446	38297.77	41976.961	27.236	28.544	26.111	1.019
5/15/2017 19:00	421200	119.619	20.414	269.454	38271.801	41945.754	27.213	28.523	26.129	1.019
5/15/2017 19:15	422100	119.622	20.411	269.461	38243.445	41917.492	27.193	28.504	26.148	1.019
5/15/2017 19:30	423000	119.602	20.41	269.414	38297.434	41977.293	27.236	28.545	26.111	1.019
5/15/2017 19:45	423900	119.613	20.41	269.44	38293.59	41973.082	27.233	28.542	26.114	1.019
5/15/2017 20:00	424800	119.613	20.412	269.444	38286.102	41963.258	27.226	28.535	26.119	1.019
5/15/2017 20:15	425700	119.612	20.409	269.438	38252.605	41929.305	27.201	28.512	26.142	1.019
5/15/2017 20:30	426600	119.617	20.411	269.448	38271.805	41948.359	27.215	28.525	26.129	1.019
5/15/2017 20:45	427500	119.604	20.414	269.42	38309.793	41987.695	27.243	28.552	26.103	1.019
5/15/2017 21:00	428400	119.614	20.411	269.443	38265.547	41941.574	27.21	28.52	26.133	1.019
5/15/2017 21:15	429300	119.621	20.412	269.458	38289.84	41967.273	27.229	28.538	26.117	1.019
5/15/2017 21:30	430200	119.614	20.411	269.443	38286.16	41964.629	27.227	28.536	26.119	1.019
5/15/2017 21:45	431100	119.639	20.409	269.498	38265.641	41943.512	27.211	28.522	26.133	1.019
5/15/2017 22:00	432000	119.621	20.409	269.458	38266.973	41944.742	27.212	28.522	26.132	1.019
5/15/2017 22:15	432900	119.639	20.409	269.498	38305.816	41987.629	27.243	28.552	26.106	1.019
5/15/2017 22:30	433800	119.641	20.412	269.503	38293.504	41971.754	27.232	28.541	26.114	1.019
5/15/2017 22:45	434700	119.655	20.412	269.534	38276.684	41953.469	27.219	28.528	26.126	1.019
5/15/2017 23:00	435600	119.669	20.412	269.567	38278.477	41955.059	27.22	28.529	26.124	1.019
5/15/2017 23:15	436500	119.68	20.414	269.591	38308.074	41986.039	27.242	28.551	26.104	1.019
5/15/2017 23:30	437400	119.678	20.414	269.587	38278.379	41953.348	27.219	28.528	26.124	1.019
5/15/2017 23:45	438300	119.689	20.413	269.612	38270.453	41945.574	27.213	28.523	26.13	1.019
5/16/2017 0:00	439200	119.704	20.412	269.646	38307.879	41987.434	27.243	28.551	26.104	1.019
5/16/2017 0:15	440100	119.711	20.413	269.661	38299.941	41977.359	27.236	28.545	26.11	1.019
5/16/2017 0:30	441000	119.715	20.412	269.67	38278.25	41955.109	27.22	28.529	26.124	1.019
5/16/2017 0:45	441900	119.743	20.413	269.732	38275.82	41951.227	27.217	28.527	26.126	1.019
5/16/2017 1:00	442800	119.749	20.413	269.745	38307.383	41986.133	27.242	28.551	26.105	1.019
5/16/2017 1:15	443700	119.746	20.411	269.741	38301.504	41981.52	27.239	28.547	26.109	1.019
5/16/2017 1:30	444600	119.755	20.412	269.76	38320.66	42001.441	27.253	28.561	26.096	1.019
5/16/2017 1:45	445500	119.758	20.414	269.767	38316.43	41995.195	27.249	28.557	26.098	1.019
5/16/2017 2:00	446400	119.763	20.413	269.779	38328.543	42008.781	27.259	28.566	26.09	1.019
5/16/2017 2:15	447300	119.771	20.415	269.795	38327.848	42006.719	27.257	28.565	26.091	1.019
5/16/2017 2:30	448200	119.776	20.414	269.807	38305.105	41982.711	27.24	28.548	26.106	1.019
5/16/2017 2:45	449100	119.773	20.415	269.801	38288.59	41963.773	27.226	28.535	26.117	1.019
5/16/2017 3:00	450000	119.773	20.414	269.801	38310.676	41988.746	27.244	28.552	26.102	1.019
5/16/2017 3:15	450900	119.77	20.414	269.793	38288.008	41963.742	27.226	28.535	26.118	1.019
5/16/2017 3:30	451800	119.761	20.414	269.774	38287.422	41962.875	27.226	28.535	26.118	1.019
5/16/2017 3:45	452700	119.747	20.414	269.742	38288.695	41964.191	27.226	28.536	26.117	1.019
5/16/2017 4:00	453600	119.749	20.415	269.745	38287.375	41961.906	27.225	28.534	26.118	1.019
5/16/2017 4:15	454500	119.74	20.416	269.726	38291.883	41966.457	27.228	28.537	26.115	1.019
5/16/2017 4:30	455400	119.725	20.417	269.693	38291.551	41965.094	27.227	28.536	26.115	1.019
5/16/2017 4:45	456300	119.709	20.413	269.656	38329.227	42009.992	27.259	28.567	26.09	1.019
5/16/2017 5:00	457200	119.707	20.411	269.651	38339.438	42022.332	27.268	28.575	26.083	1.019
5/16/2017 5:15	458100	119.693	20.415	269.62	38312.359	41989.824	27.245	28.553	26.101	1.019
5/16/2017 5:30	459000	119.66	20.413	269.547	38302.555	41980.844	27.238	28.547	26.108	1.019
5/16/2017 5:45	459900	119.646	20.412	269.515	38308.773	41988.563	27.244	28.552	26.104	1.019
5/16/2017 6:00	460800	119.615	20.413	269.446	38316.93	41996.207	27.249	28.557	26.098	1.019
5/16/2017 6:15	461700	119.603	20.412	269.418	38314.934	41994.629	27.248	28.556	26.099	1.019
5/16/2017 6:30	462600	119.585	20.413	269.377	38310.219	41989.078	27.244	28.553	26.103	1.019
5/16/2017 6:45	463500	119.563	20.409	269.328	38273.91	41952.348	27.218	28.528	26.127	1.019
5/16/2017 7:00	464400	119.538	20.411	269.27	38297.766	41976.887	27.235	28.544	26.111	1.019
5/16/2017 7:15	465300	119.528	20.411	269.248	38267.34	41944	27.212	28.522	26.132	1.019
5/16/2017 7:30	466200	119.496	20.409	269.177	38265.52	41943.836	27.212	28.522	26.133	1.019
5/16/2017 7:45	467100	119.472	20.408	269.122	38252.637	41930.637	27.202	28.513	26.142	1.019
5/16/2017 8:00	468000	119.453	20.408	269.079	38310.707	41994.059	27.248	28.556	26.102	1.019
5/16/2017 8:15	468900	119.426	20.41	269.019	38282.688	41961.359	27.224	28.534	26.121	1.019
5/16/2017 8:30	469800	119.415	20.412	269.093	38317.934	41998.684	27.251	28.559	26.097	1.019
5/16/2017 8:45	470700	119.397	20.411	268.954	38316.488	41997.48	27.25	28.558	26.098	1.019
5/16/2017 9:00	471600	119.396	20.406	268.95	38287.207	41970.219	27.23	28.54	26.118	1.019
5/16/2017 9:15	472500	119.375	20.408	268.904	38313.004	41996.5	27.25	28.558	26.101	1.019
5/16/2017 9:30	473400	119.354	20.407	268.858	38303.555	41986.906	27.243	28.551	26.107	1.019
5/16/2017 9:45	474300	119.349	20.407	268.846	38300.773	41983.781	27.24	28.549	26.109	1.019
5/16/2017 10:00	475200	119.333	20.407	268.81	38269.242	41949.453	27.216	28.526	26.131	1.019
5/16/2017 10:15	476100	119.343	20.407	268.831	38276.176	41956.512	27.221	28.53	26.126	1.019
5/16/2017 10:30	477000	119.33	20.406	268.802	38299.672	41983.566	27.24	28.549	26.11	1.019
5/16/2017 10:45	477900	119.336	20.407	268.817	38304.605	41987.828	27.243	28.552	26.107	1.019
5/16/2017 11:00	478800	119.32	20.408	268.781	38278.555	41958.813	27.222	28.532	26.124	1.019
5/16/2017 11:15	479700	119.32	20.409	268.779	38304.719	41986.043	27.242	28.551	26.106	1.019
5/16/2017 11:30	480600	119.32	20.408	268.781	38298.727	41980.313	27.238	28.547	26.111	1.019
5/16/2017 11:45	481500	119.342	20.41	268.829	38291.453	41971.273	27.231	28.54	26.115	1.019
5/16/2017 12:00	482400	119.338	20.411	268.82	38283.012	41961.102	27.224	28.534	26.121	1.019
5/16/2017 12:15	483300	119.35	20.412	268.848	38296.035	41974.68	27.234	28.543	26.112	1.019
5/16/2017 12:30	484200	119.35	20.407	268.848	38313.922	41998.43	27.251	28.559	26.1	1.019
5/16/2017 12:45	485100	119.359	20.409	268.869	38318.148	42001.219	27.253	28.561	26.097	1.019
5/16/2017 13:00	486000	119.369	20.411	268.891	38282.648	41960.391	27.224	28.533	26.121	1.019
5/16/2017 13:15	486900	119.384	20.407	268.925	3826					

5/17/2017 11:45	567900	119.153	20.406	268.404	38285.188	41967.844	27.229	28.538	26.12	1.019
5/17/2017 12:00	568800	119.154	20.403	268.406	38297.73	41983.734	27.24	28.549	26.111	1.019
5/17/2017 12:15	569700	119.142	20.406	268.38	38337.445	42024.754	27.27	28.577	26.084	1.019
5/17/2017 12:30	570600	119.158	20.404	268.414	38332.578	42021.398	27.267	28.575	26.087	1.019
5/17/2017 12:45	571500	119.17	20.407	268.443	38342.875	42029.934	27.274	28.58	26.08	1.019
5/17/2017 13:00	572400	119.165	20.406	268.43	38299.617	41983.207	27.24	28.549	26.11	1.019
5/17/2017 13:15	573300	119.178	20.404	268.461	38312.359	41999.469	27.252	28.56	26.101	1.019
5/17/2017 13:30	574200	119.187	20.402	268.481	38313.855	42002.727	27.254	28.562	26.1	1.019
5/17/2017 13:45	575100	119.206	20.404	268.523	38345.098	42035.125	27.277	28.584	26.079	1.019
5/17/2017 14:00	576000	119.217	20.405	268.549	38306.004	41991.273	27.246	28.554	26.106	1.019
5/17/2017 14:15	576900	119.221	20.401	268.557	38309.445	41998.957	27.251	28.559	26.103	1.019
5/17/2017 14:30	577800	119.249	20.405	268.62	38318.328	42005.02	27.256	28.563	26.097	1.019
5/17/2017 14:45	578700	119.265	20.403	268.656	38318.098	42006.133	27.256	28.564	26.097	1.019
5/17/2017 15:00	579600	119.284	20.403	268.698	38299.551	41985.891	27.242	28.55	26.11	1.019
5/17/2017 15:15	580500	119.294	20.405	268.722	38352.328	42042.438	27.283	28.589	26.074	1.019
5/17/2017 15:30	581400	119.303	20.403	268.743	38337.262	42027.68	27.272	28.579	26.084	1.019
5/17/2017 15:45	582300	119.316	20.408	268.771	38313.168	41996.141	27.249	28.557	26.101	1.019
5/17/2017 16:00	583200	119.333	20.407	268.81	38328.828	42014.691	27.263	28.57	26.09	1.019
5/17/2017 16:15	584100	119.346	20.408	268.839	38330.199	42015.496	27.263	28.571	26.089	1.019
5/17/2017 16:30	585000	119.343	20.405	268.831	38313.258	41999.609	27.252	28.56	26.101	1.019
5/17/2017 16:45	585900	119.355	20.408	268.86	38289.637	41971.195	27.231	28.54	26.117	1.019
5/17/2017 17:00	586800	119.383	20.405	268.921	38315.688	42001.59	27.253	28.561	26.099	1.019
5/17/2017 17:15	587700	119.396	20.407	268.95	38333.613	42020.09	27.266	28.574	26.087	1.019
5/17/2017 17:30	588600	119.399	20.407	268.959	38311.742	41995.652	27.249	28.557	26.102	1.019
5/17/2017 17:45	589500	119.413	20.408	268.99	38328.648	42013.492	27.262	28.569	26.09	1.019
5/17/2017 18:00	590400	119.415	20.406	268.993	38335.277	42022.68	27.268	28.575	26.086	1.019
5/17/2017 18:15	591300	119.433	20.408	269.034	38342.93	42029.609	27.273	28.58	26.08	1.019
5/17/2017 18:30	592200	119.428	20.409	269.023	38341.852	42026.742	27.271	28.578	26.081	1.019
5/17/2017 18:45	593100	119.435	20.41	269.039	38379.227	42067.324	27.301	28.606	26.056	1.019
5/17/2017 19:00	594000	119.426	20.412	269.02	38390.93	42078.609	27.309	28.613	26.048	1.019
5/17/2017 19:15	594900	119.434	20.411	269.036	38314.758	41995.82	27.249	28.557	26.1	1.019
5/17/2017 19:30	595800	119.432	20.41	269.031	38355.426	42041.012	27.282	28.588	26.072	1.019
5/17/2017 19:45	596700	119.445	20.412	269.061	38339.613	42021.91	27.268	28.575	26.083	1.019
5/17/2017 20:00	597600	119.435	20.413	269.039	38354.195	42037.207	27.279	28.585	26.073	1.019
5/17/2017 20:15	598500	119.428	20.413	269.023	38363.223	42046.793	27.286	28.592	26.067	1.019
5/17/2017 20:30	599400	119.418	20.41	269	38330.863	42014.625	27.263	28.57	26.089	1.019
5/17/2017 20:45	600300	119.419	20.408	269.003	38333.145	42018.805	27.266	28.573	26.087	1.019
5/17/2017 21:00	601200	119.415	20.411	268.994	38352.301	42036.734	27.279	28.585	26.074	1.019
5/17/2017 21:15	602100	119.429	20.41	269.026	38323.168	42005.957	27.256	28.564	26.094	1.019
5/17/2017 21:30	603000	119.418	20.41	269	38336.406	42020.547	27.267	28.574	26.085	1.019
5/17/2017 21:45	603900	119.405	20.41	268.971	38343.59	42028.039	27.272	28.579	26.08	1.019
5/17/2017 22:00	604800	119.415	20.408	268.994	38318.035	42001.625	27.253	28.561	26.097	1.019
5/17/2017 22:15	605700	119.396	20.41	268.95	38348.766	42033.395	27.276	28.583	26.076	1.019
5/17/2017 22:30	606600	119.4	20.409	268.961	38309.016	41990.898	27.246	28.554	26.104	1.019
5/17/2017 22:45	607500	119.391	20.413	268.94	38342.48	42024.367	27.27	28.577	26.081	1.019
5/17/2017 23:00	608400	119.412	20.411	268.986	38347.793	42032.109	27.275	28.582	26.077	1.019
5/17/2017 23:15	609300	119.398	20.409	268.956	38327	42010.539	27.26	28.567	26.091	1.019
5/17/2017 23:30	610200	119.405	20.41	268.971	38352.234	42037.359	27.279	28.585	26.074	1.019
5/17/2017 23:45	611100	119.4	20.414	268.961	38324.668	42004.301	27.255	28.563	26.093	1.019

Report Date: 5/19/2017 14:38
Report User Name: AVanHaitsma
Report Computer Name: WKST34
Application: WinSitu.exe
Application Version: 5.6.25.0

Log File Properties
File Name MPWSP MW-4M LT Test_2017-05-18_18-43-24-442-BaroMerge.wsl
Create Date 5/19/2017 14:38

Device Properties
Device Aqua TROLL 200
Site MPWSP MW-4M
Device Name
Serial Number 428901
Firmware Version 2.01
Hardware Version 3
Device Address 1
Device Comm Cfg 19200 8 Even 1 (Modbus-RTU)
Used Memory 0
Used Battery 14

Log Configuration
Log Name MPWSP MW-4M LT Test
Created By ANorris
Computer Name PROBOOK10
Application WinSitu.exe
Application Version 5.6.27.1
Create Date 10/1/2016 7:44:55 PM Pacific Daylight Time
Log Setup Time Zone Pacific Daylight Time
Notes Size(bytes) 4096
Overwrite when full Enabled
Scheduled Start Time 10/1/2016 7:50:00 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 Specific Gravity Depth 1.012

Other Log Settings
Depth of Probe: 197.555 (ft)
Head Pressure: 86.6734 (PSI)
Temperature: 17.9975 (C)
Specific Conductivity Model: Standard Methods
Reference Temperature: 25
Temperature Coefficient: 0.0191
TDS Factor: 0.68

Log Notes:
Date and Time Note
10/1/2016 19:45 Used Battery: 14% Used Memory: 3% User Name: ANorris
10/2/2016 11:27 Log Download - Used Battery: 14% Used Memory: 3% User Name: ANorris Interval - Start Time: 10/1/2016 7:50:00 PM Stop Time: 10/2/2016 12:30:00 PM
10/6/2016 17:03 Log Download - Used Battery: 15% Used Memory: 4% User Name: Skuiper Interval - Start Time: 9/28/2016 10:00:00 PM Stop Time: 10/6/2016 5:15:00 PM
10/13/2016 19:37 Log Download - Used Battery: 16% Used Memory: 6% User Name: Skuiper Interval - Start Time: 10/5/2016 10:00:00 PM Stop Time: 10/13/2016 7:30:00 PM
10/20/2016 19:34 Log Download - Used Battery: 16% Used Memory: 9% User Name: Skuiper Interval - Start Time: 10/12/2016 10:00:00 PM Stop Time: 10/20/2016 7:30:00 PM
10/27/2016 12:16 Log Download - Used Battery: 17% Used Memory: 10% User Name: Skuiper Interval - Start Time: 10/19/2016 10:00:00 PM Stop Time: 10/27/2016 1:00:00 PM
11/3/2016 17:11 Log Download - Used Battery: 18% Used Memory: 14% User Name: Skuiper Interval - Start Time: 9/30/2016 7:50:00 PM Stop Time: 11/3/2016 5:10:00 PM
11/11/2016 9:25 Log Download - Used Battery: 19% Used Memory: 17% User Name: Skuiper Interval - Start Time: 11/2/2016 10:00:00 PM Stop Time: 11/11/2016 9:25:00 AM
11/17/2016 7:21 Log Download - Used Battery: 19% Used Memory: 18% User Name: Skuiper Interval - Start Time: 11/9/2016 10:00:00 PM Stop Time: 11/17/2016 10:30:00 AM
11/24/2016 16:40 Log Download - Used Battery: 20% Used Memory: 21% User Name: Skuiper Interval - Start Time: 11/15/2016 10:00:00 PM Stop Time: 11/24/2016 4:35:00 PM
12/2/2016 8:25 Log Download - Used Battery: 21% Used Memory: 23% User Name: Skuiper Interval - Start Time: 10/31/2016 10:00:00 PM Stop Time: 12/2/2016 8:15:00 AM
12/8/2016 17:30 Log Download - Used Battery: 21% Used Memory: 26% User Name: Skuiper Interval - Start Time: 11/30/2016 10:00:00 PM Stop Time: 12/8/2016 5:25:00 PM
12/15/2016 16:18 Log Download - Used Battery: 22% Used Memory: 28% User Name: Skuiper Interval - Start Time: 12/7/2016 10:00:00 PM Stop Time: 12/15/2016 4:15:00 PM
12/22/2016 15:05 Log Download - Used Battery: 23% Used Memory: 31% User Name: ANorris Interval - Start Time: 12/14/2016 10:00:00 PM Stop Time: 12/22/2016 4:05:00 PM
1/5/2017 12:42 Log Download - Used Battery: 24% Used Memory: 35% User Name: Skuiper Interval - Start Time: 11/30/2016 10:00:00 PM Stop Time: 1/5/2017 12:40:00 PM
1/12/2017 17:25 Log Download - Used Battery: 25% Used Memory: 39% User Name: Skuiper Interval - Start Time: 1/4/2017 10:00:00 PM Stop Time: 1/12/2017 5:25:00 PM
1/19/2017 13:56 Log Download - Used Battery: 26% Used Memory: 40% User Name: EHernandez Interval - Start Time: 1/11/2017 10:00:00 PM Stop Time: 1/19/2017 2:55:00 PM
1/27/2017 7:32 Log Download - Used Battery: 27% Used Memory: 43% User Name: Skuiper Interval - Start Time: 1/18/2017 10:00:00 PM Stop Time: 1/27/2017 7:30:00 AM
2/2/2017 17:14 Log Download - Used Battery: 27% Used Memory: 45% User Name: WMassoll Interval - Start Time: 12/31/2016 10:00:00 PM Stop Time: 2/2/2017 6:10:00 PM
2/9/2017 15:56 Log Download - Used Battery: 28% Used Memory: 48% User Name: EHernandez Interval - Start Time: 2/1/2017 12:00:00 AM Stop Time: 2/9/2017 3:55:00 PM
2/16/2017 15:07 Log Download - Used Battery: 29% Used Memory: 50% User Name: WMassoll Interval - Start Time: 2/8/2017 10:00:00 PM Stop Time: 2/16/2017 4:05:00 PM
2/23/2017 15:40 Log Download - Used Battery: 30% Used Memory: 53% User Name: EHernandez Interval - Start Time: 2/15/2017 12:00:00 AM Stop Time: 2/23/2017 4:40:00 PM
3/2/2017 16:44 Log Download - Used Battery: 30% Used Memory: 56% User Name: Skuiper Interval - Start Time: 1/31/2017 10:00:00 PM Stop Time: 3/2/2017 6:40:00 PM
3/9/2017 17:33 Log Download - Used Battery: 31% Used Memory: 57% User Name: WMassoll Interval - Start Time: 3/3/2017 8:15:00 AM Stop Time: 3/9/2017 6:30:00 PM
3/10/2017 15:41 Log Download - Used Battery: 31% Used Memory: 57% User Name: WMassoll Interval - Start Time: 3/1/2017 8:15:00 AM Stop Time: 3/10/2017 3:40:00 PM
3/16/2017 18:41 Log Download - Used Battery: 32% Used Memory: 60% User Name: WMassoll Interval - Start Time: 3/8/2017 10:00:00 PM Stop Time: 3/16/2017 6:40:00 PM
3/23/2017 7:01 Log Download - Used Battery: 32% Used Memory: 62% User Name: WMassoll Interval - Start Time: 3/15/2017 10:00:00 PM Stop Time: 3/23/2017 8:00:00 AM
3/30/2017 9:27 Log Download - Used Battery: 33% Used Memory: 65% User Name: AVanHaitsma Interval - Start Time: 3/22/2017 10:00:00 PM Stop Time: 3/30/2017 10:25:00 AM
4/6/2017 18:04 Log Download - Used Battery: 34% Used Memory: 67% User Name: WMassoll Interval - Start Time: 2/28/2017 1:05:00 AM Stop Time: 4/6/2017 7:29:58 PM
4/13/2017 18:37 Log Download - Used Battery: 35% Used Memory: 70% User Name: WMassoll Interval - Start Time: 4/5/2017 12:00:00 PM Stop Time: 4/13/2017 10:35:00 PM
4/20/2017 7:00 Log Download - Used Battery: 35% Used Memory: 71% User Name: AVanHaitsma Interval - Start Time: 4/12/2017 10:00:00 PM Stop Time: 4/20/2017 7:00:00 AM
4/27/2017 18:38 Log Download - Used Battery: 36% Used Memory: 75% User Name: WMassoll Interval - Start Time: 4/19/2017 10:00:00 PM Stop Time: 4/27/2017 8:35:00 PM
5/4/2017 13:09 Log Download - Used Battery: 37% Used Memory: 78% User Name: AVanHaitsma Interval - Start Time: 3/31/2017 10:00:00 PM Stop Time: 5/4/2017 2:05:00 PM
5/11/2017 7:07 Log Download - Used Battery: 38% Used Memory: 79% User Name: AVanHaitsma Interval - Start Time: 5/1/2017 10:00:00 PM Stop Time: 5/11/2017 7:00:00 AM
5/11/2017 7:21 Log Download - Used Battery: 38% Used Memory: 79% User Name: AVanHaitsma Interval - Start Time: 5/3/2017 10:00:00 PM Stop Time: 5/11/2017 7:15:00 AM
5/18/2017 18:41 Log Download - Used Battery: 38% Used Memory: 82% User Name: WMassoll Interval - Start Time: 5/10/2017 10:00:00 PM Stop Time: 5/18/2017 7:40:00 PM
5/19/2017 14:38 User Note: "Pressure & Level adjusted by baro data from: "MPWSP Barotroll_2017-05-18_53-25-090.wsl""

Log Data:
Record Count 2265

Sensors
2
1 428901 PCTD 100 PSIA (60.1m/197.3ft)
2 0 Baro-Adjustment Calc

Time Zone: Pacific Daylight Time

		Sensor: PCTD(A) 197.3ft SNW-428901		Sensor: PCTD(A) 197.3ft SNW-428901		Sensor: PCTD(A) 197.3ft SNW-428901		Sensor: PCTD(A) 197.3ft SNW-428901		Sensor: PCTD(A) 197.3ft SNW-428901		Sensor: PCTD(A) 197.3ft SNW-428901		Sensor: PCTD(A) 197.3ft SNW-428901		Sensor: PCTD(A) 197.3ft SNW-428901		Sensor: PCTD(A) 197.3ft SNW-428901		Sensor: PCTD(A) 197.3ft SNW-428901		Sensor: Baro-Adj Calc SNW-000000		
		Corrected		Corrected		Corrected		Corrected		Corrected		Corrected		Corrected		Corrected		Corrected		Corrected		Corrected		
		Pressure (PSI)		Temperature (C)		Depth (ft)		Actual Conductivity (µS)		Specific Conductivity (µS)		Salinity (PSU)		Total Dissolved Solids (ppm)		Resistivity (ohm-cm)		Water Density (g/cm3)		Barometric Pressure (PSI)				
Date and Time	Elapsed Time Seconds	7200	73.542	17.976	167.624	29384.727	33937.793	21.457	23077.699	34.031	1.015	14.804	5/11/2017 0:00	7200	73.542	17.976	167.624	29384.727	33937.793	21.457	23077.699	34.031	1.015	14.804
		7500	73.54	17.976	167.619	29401.234	33956.859	21.47	23090.666	34.012	1.015	14.803	5/11/2017 0:05	7500	73.54	17.976	167.619	29401.234	33956.859	21.47	23090.666	34.012	1.015	14.803
		7800	73.545	17.976	167.631	29412.813	33970.43	21.479	23099.895	33.999	1.015	14.801	5/11/2017 0:10	7800	73.545	17.976	167.631	29412.813	33970.43	21.479	23099.895	33.999	1.015	14.801
		8100	73.55	17.976	167.642	29394.561	33949.473	21.465	23085.645	34.02	1.015	14.8	5/11/2017 0:15	8100	73.55	17.976	167.642	29394.561	33949.473	21.465	23085.645	34.02	1.015	14.8
		8400	73.546	17.976	167.634	29410.217	33967.434	21.477	23097.857	34.002	1.015	14.802	5/11/2017 0:20	8400	73.546	17.976	167.634	29410.217	33967.434	21.477	23097.857	34.002	1.015	14.802
		8700	73.533	17.976	167.605	29381.18	33933.828	21.454	23075.004	34.035	1.015	14.803	5/11/2017 0:25	8700	73.533	17.976	167.605	29381.18	33933.828	21.454	23075.004	34.035	1.015	14.803
		9000	73.526	17.976	167.587	29408.623	33965.465	21.476	23096.518	34.004	1.015	14.805	5/11/2017 0:30	9000	73.526	17.976	167.587	29408.623	33965.465	21.476	23096.518	34.004	1.015	14.805
		9300	73.545	17.976	167.631	29397.916	33953.102	21.467	23088.109	34.016	1.015	14.806	5/11/2017 0:35	9300	73.545	17.976	167.631	29397.916	33953.102	21.467	23088.109	34.016	1.015	14.806
		9600	73.527	17.976	167.59	29414.93	33972.418	21.481	23101.246	33.996	1.015	14.807	5/11/2017 0:40	9600	73.527	17.976	167.59	29414.93	33972.418	21.481	23101.246	33.996	1.015	14.807
		9900	73.542	17.976	167.625	29379.908	33932.492	21.453	23074.098	34.037	1.015	14.808	5/11/2017 0:45	9900	73.542	17.976	167.625	29379.908	33932.492	21.453	23074.098	34.037	1.015	14.808
		10200	73.541	17.976	167.623	29401.816	33957.406	21.47	23091.037	34.012	1.015	14.806	5/11/2017 0:50	10200	73.541	17.976	167.623	29401.816	33957.406	21.47	23091.037	34.012	1.015	14.806
		10500	73.545	17.975	167.632	29402.686	33958.934	21.471	23092.076	34.01	1.015	14.805	5/11/2017 0:55	10500	73.545	17.975	167.632	29402.686	33958.934	21.471	23092.076	34.01	1.015	14.805
		10800	73.527	17.976	167.59	29404.602	33960.949	21.473	23093.447	34.008	1.015	14.804	5/11/2017 1:00	10800	73.527	17.976	167.59	29404.602	33960.949	21.473	23093.447	34.008	1.015	14.804
		11100	73.545	17.976	167.633	29405.523	33961.688	21.473	23093.949	34.007	1.015	14.805	5/11/2017 1:05	11100	73.545	17.976	167.633	29405.523	33961.688	21.473	23093.949	34.007	1.015	14.805
		11400	73.542	17.976	167.625	29378.033	33930.324	21.451	23072.623	34.039	1.015	14.806	5/11/2017 1:10	11400	73.542	17.976	167.625	29378.033	33930.324	21.451	23072.623	34.039	1.015	14.806
		11700	73.541	17.976	167.624	29394.016	33948.395	21.464	23084.91	34.021	1.015	14.806	5/11/2017 1:15	11700	73.541	17.976	167.624	29394.016	33948.395	21.464	23084.91	34.021	1.015	14.806
		12000	73.541	17.976	167.621	29404.219	33960.438	21.472	23093.1	34.009	1.015	14.805	5/11/2017 1:20	12000	73.541	17.976	167.621	29404.219	33960.438	21.472	23093.1	34.009	1.015	14.805
		12300	73.523	17.976	167.583	29396.941	33952.031	21.467	23087.381	34.017	1.015	14.804	5/11/2017 1:25	12300	73.523	17.976	167.583	29396.941	33952.031	21.467	23087.381	34.017	1.015	14.804
		12600	73.538	17.976	167.615	29404.824	33961.328	21.473	23093.705	34.008	1.015	14.803	5/11/2017 1:30	12600	73.538	17.976	167.615	29404.824	33961.328	21.473	23093.705	34.008	1.015	14.803
		12900	73.537	17.976	167.613	29401.533	33956.879	21.47	23090.68	34.012	1.015	14.803	5/11/2017 1:35	12900	73.537	17.976	167.613	29401.533	33956.879	21.47	23090.68	34.012	1.015	14.803
		13200	73.541	17.976	167.622	29399.586	33955.277	21.469	23089.588	34.014	1.015	14.802	5/11/2017 1:40	13200	73.541	17.976	167.622	29399.586	33955.277	21.469	23089.588	34.014	1.015	14.802
		13500	73.525	17.976	167.586	29400.471	33955.914	21.469	23090.023	34.013	1.015	14.802	5/11/2017 1:45	13500	73.525	17.976	167.586	29400.471	33955.914	21.469	23090.023	34.013	1.015	14.802
		13800	73.519	17.976	167.572	29391.979	33946.492	21.463	23083.617	34.023	1.015	14.803	5/11/2017 1:50	13800	73.519	17.976	167.572	29391.979	33946.492	21.463	23083.617	34.023	1.015	14.803
		14100	73.535	17.975	167.608	29398.271	33953.567	21.468	23088.691	34.016	1.015	14.803	5/11/2017 1:55	14100	73.535	17.975	167.608	29398.271	33953.567	21.468	23088.691	34.016	1.015	14.803
		14400	73.524	17.976	167.607	29398.989	33958.069	21.471	23091.588	34.011	1.015	14.803	5/11/2017 2:00	14400	73.524	17.976	167.607	29398.989	33958.069	21.471	23091.588	34.011	1.015	14.803
		14700	73.513	17.976	167.56	29398.248	33953.41	21.468	23088.32	34.016	1.015	14.801	5/11/2017 2:05	14700	73.513	17.976	167.56	29398.248	33953.41	21.468	23088.32	34.016	1.015	14.801
		15000	73.512	17.976	167.556	29406.793	33963.215	21.474	23094.988	34.006	1.015	14.799	5/11/2017 2:10	15000	73.512	17.976	167.556	29406.793	33963.215	21.474	23094.988	34.006	1.015	14.799
		15300	73.51	17.976	167.552	29393.406	33947.949	21.464	23084.605	34.021	1.015	14.797	5/11/2017 2:15	15300	73.51	17.976	167.552	29393.406	33947.949	21.464	23084.605	34.021	1.015	14.797
		15600	73.532	17.976	167.602	29403.73	33959.617	21.472	23092.541	34.009	1.015	14.798	5/11/2017 2:20	15600	73.532	17.976	167.602	29403.73	33959.617	21.472	23092.541	34.009	1.015	14.798
		15900	73.525	17.976	167.587	29409.805	33966.691	21.477	23097.352	34.002	1.015	14.799	5/11/2017 2:25	15900	73.525	17.976	167.587	29409.805	33966.691	21.477	23097.352	34.002	1.015	14.799
		16200	73.52	17.976	167.575	29396.281	33939.914	21.463	23079.143	34.029	1.015	14.8	5/11/2017 2:30	16200	73.52	17.976	167.575	29396.281	33939.914	21.463	23079.143	34.029	1.015	14.8
		16500	73.515	17.976	167.562	29400.621	33956.023	21.469	23090.098	34.013	1.015	14.799	5/11/2017 2:35	16500	73.515	17.976	167.562	29400.621	33956.023	21.469	23090.098	34.013	1.015	14.799
		16800	73.497	17.976	167.523	29399.238	33954.754	21.468	23089.234	34.014	1.015	14.802	5/11/2017 2:40	16800	73.497	17.976	167.523	29399.238	33954.754	21.468	23089.234	34.014	1.015	14.802
		17100	73.512	17.976	167.558	29404.973	33961.176	21.473	23093.602	34.008	1.015	14.804	5/11/2017 2:45	17100	73.512	17.976	167.558	29404.973	33961.176	21.473	23093.602	34.008	1.015	14.804
		17400	73.509	17.976	167.549	29391.906	33946.082	21.462	23083.338	34.023	1.015	14.803	5/11/2017 2:50	17400	73.509	17.976	167.549	29391.906	33946.082	21.462	23083.338	34.023	1.015	14.803
		17700	73.49	17.976	167.507	29384.779	33937.789	21.457	23077.697	34.031	1.015	14.802	5/11/2017 2:55	17700	73.49	17.976	167.507	29384.779	33937.789	21.457	23077.697	34.031	1.015	14.802
		18000	73.504	17.976	167.538	29392.871	33947.137	21.463	23084.053	34.022	1.015	14.801	5/11/2017 3:00	18000	73.504	17.976	167.538	29392.871	33947.137	21.463	23084.053	34.022	1.015	14.801
		18300	73.505	17.976	167.536	29393.82	33946.51	21.456	23076.857	34.032	1.015	14.801	5/11/2017 3:05	18300	73.505	17.976	167.536	29393.82	33946.51	21.456	23076.857	34.032	1.015	14.801
		18600	73.501	17.976	167.531	29400.221	33955.82	21.469	23089.961	34.013	1.015	14.802	5/11/2017 3:10	18600	73.501	17.976	167.531	29400.221	33955.82	21.469	23089.961	34.013	1.015	14.802
		18900	73.498	17.976	167.526	29400.092	33955.477	21.469	23089.725	34.014	1.015	14.802	5/11/2017 3:15	18900	73.498	17.976	167.526	29400.092	33955.477	21.469	23089.725	34.014	1.015	14.802
		19200	73.496	17.976	167.521	29406.883	33963.645	21.475	23095.279	34.006	1.015	14.801	5/11/2017 3:20	19200	73.496	17.976	167.521	29406.883	33963.645	21.475	23095.279			

5/11/2017 8:10	36600	73.325	17.976	167.13	29401.623	33957.051	21.47	23090.795	34.012	1.015	14.82
5/11/2017 8:15	36900	73.327	17.976	167.134	29417.516	33975.539	21.483	23103.369	33.993	1.015	14.822
5/11/2017 8:20	37200	73.349	17.976	167.186	29402.953	33958.781	21.471	23091.973	34.01	1.015	14.819
5/11/2017 8:25	37500	73.35	17.976	167.188	29408.383	33965.051	21.476	23096.234	34.004	1.015	14.817
5/11/2017 8:30	37800	73.35	17.976	167.188	29403.721	33959.73	21.472	23092.619	34.009	1.015	14.814
5/11/2017 8:35	38100	73.331	17.976	167.143	29419.153	33977.836	21.485	23104.93	33.991	1.015	14.815
5/11/2017 8:40	38400	73.351	17.975	167.19	29411.52	33969.055	21.479	23099.055	34	1.015	14.815
5/11/2017 8:45	38700	73.33	17.976	167.141	29416.535	33974.465	21.482	23102.639	33.994	1.015	14.816
5/11/2017 8:50	39000	73.353	17.976	167.194	29401.959	33957.895	21.471	23091.369	34.011	1.015	14.814
5/11/2017 8:55	39300	73.356	17.976	167.202	29406.83	33963.125	21.474	23094.928	34.006	1.015	14.812
5/11/2017 9:00	39600	73.357	17.976	167.203	29409.717	33966.98	21.477	23097.547	34.002	1.015	14.81
5/11/2017 9:05	39900	73.333	17.976	167.15	29406.125	33965.969	21.476	23096.861	34.003	1.015	14.812
5/11/2017 9:10	40200	73.355	17.976	167.189	29412.895	33970.59	21.48	23100.002	33.999	1.015	14.813
5/11/2017 9:15	40500	73.349	17.976	167.185	29400.424	33955.996	21.469	23090.078	34.013	1.015	14.815
5/11/2017 9:20	40800	73.35	17.976	167.187	29402.959	33958.848	21.471	23092.018	34.01	1.015	14.815
5/11/2017 9:25	41100	73.353	17.976	167.193	29430.436	33990.656	21.493	23113.648	33.978	1.015	14.814
5/11/2017 9:30	41400	73.339	17.976	167.161	29414.609	33972.508	21.481	23101.305	33.997	1.015	14.814
5/11/2017 9:35	41700	73.335	17.976	167.153	29411.922	33969.078	21.478	23089.975	34	1.015	14.815
5/11/2017 9:40	42000	73.355	17.976	167.189	29411.17	33968.137	21.478	23098.336	34.005	1.015	14.816
5/11/2017 9:45	42300	73.352	17.976	167.191	29414.008	33971.813	21.48	23100.834	33.997	1.015	14.817
5/11/2017 9:50	42600	73.348	17.976	167.183	29406.063	33963.063	21.474	23094.883	34.006	1.015	14.817
5/11/2017 9:55	42900	73.332	17.975	167.146	29406.379	33963.199	21.474	23094.979	34.006	1.015	14.817
5/11/2017 10:00	43200	73.336	17.976	167.155	29422.16	33981.102	21.487	23107.148	33.988	1.015	14.817
5/11/2017 10:05	43500	73.34	17.976	167.165	29414.449	33971.926	21.48	23100.912	33.997	1.015	14.816
5/11/2017 10:10	43800	73.361	17.976	167.213	29412.584	33969.865	21.479	23099.576	33.999	1.015	14.814
5/11/2017 10:15	44100	73.36	17.976	167.209	29409.758	33966.578	21.477	23097.275	34.002	1.015	14.816
5/11/2017 10:20	44400	73.363	17.976	167.216	29415.117	33972.828	21.481	23101.523	33.996	1.015	14.817
5/11/2017 10:25	44700	73.341	17.975	167.167	29407.389	33964.422	21.475	23095.809	34.005	1.015	14.817
5/11/2017 10:30	45000	73.363	17.976	167.217	29413.625	33970.91	21.48	23100.219	33.998	1.015	14.817
5/11/2017 10:35	45300	73.361	17.976	167.213	29398.457	33953.914	21.468	23088.664	34.015	1.015	14.816
5/11/2017 10:40	45600	73.367	17.976	167.225	29418.82	33977.492	21.484	23104.695	33.992	1.015	14.815
5/11/2017 10:45	45900	73.368	17.976	167.229	29421.279	33980.211	21.486	23106.545	33.989	1.015	14.814
5/11/2017 10:50	46200	73.374	17.976	167.242	29424.525	33983.633	21.489	23108.871	33.985	1.015	14.812
5/11/2017 10:55	46500	73.376	17.976	167.245	29413.043	33970.629	21.48	23100.029	33.999	1.015	14.811
5/11/2017 11:00	46800	73.379	17.976	167.253	29415.861	33973.559	21.482	23102.02	33.995	1.015	14.809
5/11/2017 11:05	47100	73.359	17.976	167.207	29412.432	33969.664	21.479	23099.373	33.999	1.015	14.811
5/11/2017 11:10	47400	73.378	17.976	167.252	29403.324	33959.27	21.472	23092.305	34.01	1.015	14.813
5/11/2017 11:15	47700	73.371	17.976	167.235	29427.85	33987.797	21.491	23111.701	33.981	1.015	14.815
5/11/2017 11:20	48000	73.378	17.976	167.251	29393.795	33948.141	21.464	23084.738	34.021	1.015	14.815
5/11/2017 11:25	48300	73.385	17.976	167.267	29395.195	33950.082	21.465	23086.059	34.019	1.015	14.816
5/11/2017 11:30	48600	73.377	17.976	167.25	29409.969	33966.621	21.477	23097.303	34.002	1.015	14.816
5/11/2017 11:35	48900	73.381	17.976	167.258	29421.68	33980.406	21.486	23106.676	33.989	1.015	14.818
5/11/2017 11:40	49200	73.376	17.976	167.247	29397.629	33962.539	21.467	23087.739	34.017	1.015	14.82
5/11/2017 11:45	49500	73.362	17.976	167.215	29412.785	33970.332	21.479	23099.826	33.999	1.015	14.822
5/11/2017 11:50	49800	73.385	17.976	167.266	29419.832	33978.211	21.485	23105.184	33.991	1.015	14.819
5/11/2017 11:55	50100	73.373	17.976	167.239	29402.219	33957.738	21.471	23091.264	34.011	1.015	14.815
5/11/2017 12:00	50400	73.394	17.976	167.288	29393.787	33948.133	21.464	23084.732	34.021	1.015	14.812
5/11/2017 12:05	50700	73.394	17.976	167.289	29408.322	33965.176	21.476	23096.32	34.004	1.015	14.813
5/11/2017 12:10	51000	73.398	17.976	167.297	29417.348	33975.867	21.483	23103.59	33.994	1.015	14.813
5/11/2017 12:15	51300	73.379	17.976	167.253	29427.416	33987.172	21.491	23111.279	33.982	1.015	14.814
5/11/2017 12:20	51600	73.399	17.976	167.299	29414.428	33972.227	21.481	23101.115	33.997	1.015	14.816
5/11/2017 12:25	51900	73.397	17.976	167.293	29412.521	33969.969	21.479	23099.578	33.999	1.015	14.818
5/11/2017 12:30	52200	73.394	17.976	167.288	29422.451	33981.496	21.487	23107.42	33.988	1.015	14.821
5/11/2017 12:35	52500	73.402	17.976	167.307	29410.797	33967.777	21.478	23098.09	34.001	1.015	14.819
5/11/2017 12:40	52800	73.4	17.976	167.301	29414.469	33972.219	21.481	23101.111	33.997	1.015	14.818
5/11/2017 12:45	53100	73.403	17.976	167.307	29374.207	33945.971	21.482	23102.461	33.995	1.015	14.817
5/11/2017 12:50	53400	73.402	17.976	167.306	29394.457	33948.707	21.464	23085.123	34.02	1.015	14.817
5/11/2017 12:55	53700	73.401	17.976	167.305	29402.93	33958.891	21.471	23092.047	34.01	1.015	14.817
5/11/2017 13:00	54000	73.404	17.976	167.311	29397.057	33952.234	21.467	23087.521	34.017	1.015	14.817
5/11/2017 13:05	54300	73.386	17.976	167.27	29404.746	33960.988	21.473	23093.473	34.008	1.015	14.816
5/11/2017 13:10	54600	73.41	17.976	167.325	29415.852	33973.676	21.482	23102.1	33.995	1.015	14.815
5/11/2017 13:15	54900	73.408	17.976	167.318	29399.496	33964.785	21.469	23089.254	34.014	1.015	14.814
5/11/2017 13:20	55200	73.387	17.976	167.272	29409.457	33966.43	21.477	23097.174	34.003	1.015	14.815
5/11/2017 13:25	55500	73.405	17.975	167.313	29420.674	33979.707	21.486	23106.203	33.99	1.015	14.816
5/11/2017 13:30	55800	73.407	17.976	167.316	29414.91	33972.852	21.481	23101.539	33.996	1.015	14.817
5/11/2017 13:35	56100	73.409	17.976	167.321	29421.318	33979.988	21.486	23106.395	33.989	1.015	14.816
5/11/2017 13:40	56400	73.416	17.976	167.337	29415.27	33973.066	21.481	23101.686	33.996	1.015	14.815
5/11/2017 13:45	56700	73.408	17.976	167.32	29416.734	33974.758	21.482	23102.836	33.994	1.015	14.814
5/11/2017 13:50	57000	73.417	17.976	167.34	29405.52	33961.684	21.473	23093.947	34.007	1.015	14.815
5/11/2017 13:55	57300	73.391	17.976	167.282	29400.578	33956.035	21.469	23090.105	34.013	1.015	14.816
5/11/2017 14:00	57600	73.414	17.976	167.332	29422.883	33981.668	21.487	23107.537	33.987	1.015	14.817
5/11/2017 14:05	57900	73.417	17.975	167.339	29408.943	33966.219	21.476	23097.031	34.003	1.015	14.814
5/11/2017 14:10	58200	73.417	17.976	167.341	29411.941	33969.031	21.478	23098.941	34	1.015	14.811
5/11/2017 14:15	58500	73.423	17.975	167.355	29404.023	33965.155	21.472	23093.164	34.011	1.015	14.813
5/11/2017 14:20	58800	73.422	17.976	167.351	29397.084	33952.063	21.467	23087.404	34.017	1.015	14.809
5/11/2017 14:25	59100	73.417	17.976	167.34	29404.223	33960.184	21.472	23092.926	34.009	1.015	14.81
5/11/2017 14:30	59400	73.416	17.976	167.337	29418.248	33976.445	21.484	23103.982	33.993	1.015	14.811
5/11/2017 14:35	59700	73.418	17.976	167.343	29423.346	33982.395	21.488	23108.031	33.987	1.015	14.813
5/11/2017 14:40	60000	73.395	17.976	167.29	29410.078	33967.145	21.477	23097.66	34.002	1.015	14.814
5/11/2017 14:45	60300	73.399	17.976	167.297	29397.713	33952.689	21.467	23087.816	34.016	1.015	14.815
5/11/2017 14:50	60600	73.412	17.976	167.328	29402.377	33958.055	21.471	23091.479	34.011	1.015	14.815
5/11/2017 14:55	60900	73.391	17.976	167							

5/12/2017 1:45	99900	73478	17976	167 479	29400.873	33956 379	21 47	23090 34	34013	1015	14813
5/12/2017 1:50	100200	73489	17976	167 504	29425 762	33985 387	21 49	23110 064	33984	1015	14808
5/12/2017 1:55	100500	73496	17976	167 52	29423 063	33982 332	21 488	23107 988	33987	1015	14803
5/12/2017 2:00	100800	73493	17976	167 513	29399 586	33955 156	21 469	23089 506	34014	1015	14798
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5/12/2017 2:35	102900	7348	17976	167 485	29404 748	33960 914	21 473	23093 424	34008	1015	14802
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5/12/2017 3:00	104400	73467	17976	167 454	29421 289	33980 094	21 486	23106 467	33989	1015	14807
5/12/2017 3:05	104700	73463	17976	167 445	29403 199	33959 203	21 472	23092 258	34 01	1015	14808
5/12/2017 3:10	105000	73 46	17976	167 437	29426 842	33986 758	21 491	23110 996	33983	1015	14809
5/12/2017 3:15	105300	73457	17976	167 432	29420 262	33978 711	21 485	23105 323	33 99	1015	14 81
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5/12/2017 3:25	105900	73463	17976	167 446	29419 883	33978 332	21 485	23105 266	33991	1015	14801
5/12/2017 3:30	106200	73462	17976	167 442	29416 957	33975 148	21 483	23103 102	33994	1015	14 797
5/12/2017 3:35	106500	73461	17976	167 441	29428 131	33987 797	21 492	23111 701	33981	1015	14 798
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5/12/2017 3:45	107100	73451	17976	167 417	29419 734	33978 031	21 485	23105 063	33991	1015	14801
5/12/2017 3:50	107400	73447	17976	167 409	29407 818	33964 594	21 475	23095 924	34005	1015	14803
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5/12/2017 4:20	109200	73432	17976	167 373	29410 551	33967 75	21 478	23098 072	34001	1015	14805
5/12/2017 4:25	109500	73411	17976	167 326	29409 488	33966 715	21 477	23097 369	34003	1015	14808
5/12/2017 4:30	109800	73417	17975	167 34	29412 764	33970 574	21 479	23099 99	33999	1015	14811
5/12/2017 4:35	110100	73397	17975	167 294	29408 063	33965 145	21 476	23096 301	34004	1015	14 81
5/12/2017 4:40	110400	73407	17976	167 318	29418 912	33977 406	21 484	23104 637	33992	1015	14 81
5/12/2017 4:45	110700	73404	17976	167 31	29405 981	33965 512	21 474	23094 494	34007	1015	14807
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5/12/2017 5:20	112800	73371	17976	167 236	29441 313	34003 145	21 502	23121 139	33966	1015	14 81
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5/12/2017 7:10	119400	73322	17975	167 123	29405 107	33961 789	21 473	23094 02	34008	1015	14815
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5/12/2017 7:25	120300	73293	17976	167 056	29406 299	33962 781	21 474	23094 691	34006	1015	14817
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5/12/2017 8:20	123600	73292	17976	167 062	29403 271	33969 235	21 472	23092 486	34 012	1015	14817
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5/12/2017 8:30	124200	73273	17976	167 011	29412 514	33970 148	21 479	23099 703	33999	1015	14 82
5/12/2017 8:35	124500	73287	17976	167 044	29397 592	33952 652	21 467	23087 807	34016	1015	14819
5/12/2017 8:40	124800	73291	17976	167 053	29406 398	33962 953	21 474	2309			

5/12/2017 19:20	163200	73.556	17.976	167.202	29415.432	33973.328	21.481	23101.863	33.996	1.015	14.777
5/12/2017 19:25	163500	73.562	17.976	167.215	29411.309	33968.816	21.478	23088.797	34.001	1.015	14.777
5/12/2017 19:30	163800	73.36	17.976	167.211	29406.779	33963.199	21.474	23094.979	34.006	1.015	14.777
5/12/2017 19:35	164100	73.358	17.976	167.205	29409.195	33965.859	21.476	23096.787	34.003	1.015	14.78
5/12/2017 19:40	164400	73.336	17.975	167.155	29416.17	33974.508	21.482	23102.666	33.995	1.015	14.784
5/12/2017 19:45	164700	73.355	17.976	167.199	29411.873	33969.444	21.479	23099.156	34	1.015	14.787
5/12/2017 19:50	165000	73.353	17.975	167.195	29411.973	33969.66	21.479	23099.771	34	1.015	14.785
5/12/2017 19:55	165300	73.362	17.976	167.214	29423.623	33982.98	21.488	23108.43	33.986	1.015	14.783
5/12/2017 20:00	165600	73.362	17.976	167.215	29418.449	33976.816	21.484	23104.236	33.992	1.015	14.78
5/12/2017 20:05	165900	73.347	17.976	167.182	29408.287	33965.078	21.476	23096.254	34.004	1.015	14.779
5/12/2017 20:10	166200	73.37	17.976	167.232	29425.51	33985.16	21.49	23109.908	33.984	1.015	14.777
5/12/2017 20:15	166500	73.375	17.976	167.245	29414.41	33972.074	21.481	23101.012	33.997	1.015	14.775
5/12/2017 20:20	166800	73.353	17.975	167.195	29407.537	33964.35	21.475	23095.887	34.005	1.015	14.777
5/12/2017 20:25	167100	73.373	17.976	167.239	29423.756	33982.805	21.488	23108.307	33.986	1.015	14.779
5/12/2017 20:30	167400	73.371	17.975	167.236	29409.84	33967.391	21.477	23097.828	34.002	1.015	14.781
5/12/2017 20:35	167700	73.373	17.976	167.24	29413.936	33971.852	21.48	23100.861	33.997	1.015	14.783
5/12/2017 20:40	168000	73.372	17.976	167.238	29409.445	33966.414	21.477	23097.164	34.003	1.015	14.784
5/12/2017 20:45	168300	73.367	17.976	167.225	29412.617	33970.078	21.479	23099.654	33.999	1.015	14.786
5/12/2017 20:50	168600	73.374	17.976	167.243	29400.799	33944.926	21.462	23082.551	34.024	1.015	14.785
5/12/2017 20:55	168900	73.374	17.976	167.241	29414.76	33972.613	21.481	23101.377	33.997	1.015	14.785
5/12/2017 21:00	169200	73.374	17.976	167.242	29411.711	33969.16	21.479	23099.029	34	1.015	14.785
5/12/2017 21:05	169500	73.381	17.976	167.257	29407.15	33963.766	21.475	23095.361	34.005	1.015	14.784
5/12/2017 21:10	169800	73.385	17.976	167.267	29426.131	33985.746	21.49	23110.309	33.983	1.015	14.782
5/12/2017 21:15	170100	73.387	17.976	167.271	29408.314	33965.234	21.476	23096.361	34.004	1.015	14.781
5/12/2017 21:20	170400	73.389	17.976	167.276	29402.098	33962.098	21.488	23107.828	33.987	1.015	14.784
5/12/2017 21:25	170700	73.389	17.975	167.277	29413.635	33971.777	21.48	23100.809	33.998	1.015	14.787
5/12/2017 21:30	171000	73.39	17.976	167.277	29417.275	33975.516	21.483	23103.354	33.994	1.015	14.79
5/12/2017 21:35	171300	73.371	17.976	167.236	29416.273	33974.359	21.482	23102.566	33.995	1.015	14.792
5/12/2017 21:40	171600	73.388	17.976	167.273	29408.975	33965.93	21.476	23096.832	34.003	1.015	14.793
5/12/2017 21:45	171900	73.37	17.976	167.233	29407.061	33963.852	21.475	23095.42	34.005	1.015	14.795
5/12/2017 21:50	172200	73.393	17.976	167.285	29395.629	33950.32	21.465	23086.221	34.019	1.015	14.794
5/12/2017 21:55	172500	73.392	17.976	167.284	29420.988	33979.875	21.486	23106.316	33.989	1.015	14.792
5/12/2017 22:00	172800	73.396	17.976	167.291	29411.549	33969.094	21.478	23098.986	34	1.015	14.791
5/12/2017 22:05	173100	73.404	17.976	167.311	29406.768	33963.449	21.475	23095.148	34.006	1.015	14.792
5/12/2017 22:10	173400	73.406	17.975	167.314	29402.531	33958.754	21.471	23091.953	34.011	1.015	14.793
5/12/2017 22:15	173700	73.406	17.976	167.316	29424.656	33984.043	21.489	23109.152	33.985	1.015	14.795
5/12/2017 22:20	174000	73.404	17.976	167.31	29405.043	33965.03	21.49	23109.83	33.984	1.015	14.798
5/12/2017 22:25	174300	73.406	17.976	167.314	29416.787	33974.895	21.483	23102.928	33.994	1.015	14.795
5/12/2017 22:30	174600	73.391	17.975	167.281	29420.664	33979.82	21.486	23106.279	33.99	1.015	14.796
5/12/2017 22:35	174900	73.413	17.976	167.33	29411.031	33968.438	21.478	23098.537	34.001	1.015	14.795
5/12/2017 22:40	175200	73.413	17.976	167.331	29424.857	33984.273	21.489	23109.309	33.985	1.015	14.794
5/12/2017 22:45	175500	73.414	17.976	167.333	29428.457	33988.625	21.492	23112.266	33.981	1.015	14.794
5/12/2017 22:50	175800	73.419	17.976	167.345	29426.642	33986.488	21.491	23110.813	33.983	1.015	14.798
5/12/2017 22:55	176100	73.4	17.976	167.3	29427.555	33987.332	21.491	23111.387	33.982	1.015	14.794
5/12/2017 23:00	176400	73.425	17.976	167.359	29439.598	34001.164	21.501	23120.793	33.968	1.015	14.795
5/12/2017 23:05	176700	73.42	17.976	167.347	29429.049	33989.246	21.492	23112.688	33.98	1.015	14.794
5/12/2017 23:10	177000	73.424	17.976	167.357	29409.781	33966.863	21.477	23097.467	34.002	1.015	14.794
5/12/2017 23:15	177300	73.424	17.976	167.357	29401.803	33957.449	21.47	23091.068	34.012	1.015	14.794
5/12/2017 23:20	177600	73.426	17.976	167.36	29426.221	33986.117	21.49	23110.541	33.983	1.015	14.796
5/12/2017 23:25	177900	73.429	17.976	167.367	29415.682	33973.418	21.481	23101.926	33.995	1.015	14.793
5/12/2017 23:30	178200	73.432	17.976	167.374	29437.828	33999.387	21.5	23119.586	33.97	1.015	14.792
5/12/2017 23:35	178500	73.417	17.976	167.34	29417.877	33976.016	21.483	23103.693	33.993	1.015	14.791
5/12/2017 23:40	178800	73.417	17.976	167.339	29411.424	33968.367	21.478	23098.492	34	1.015	14.791
5/12/2017 23:45	179100	73.441	17.975	167.394	29417.709	33976.539	21.484	23104.047	33.993	1.015	14.79
5/12/2017 23:50	179400	73.438	17.976	167.388	29412.764	33970.305	21.479	23099.809	33.999	1.015	14.79
5/12/2017 23:55	179700	73.442	17.976	167.397	29423.195	33981.965	21.487	23107.736	33.987	1.015	14.79
5/13/2017 0:00	180000	73.44	17.976	167.392	29411.074	33968.547	21.478	23098.611	34.001	1.015	14.79
5/13/2017 0:05	180300	73.425	17.976	167.358	29411.814	33969.34	21.479	23099.152	34	1.015	14.791
5/13/2017 0:10	180600	73.448	17.976	167.411	29415.232	33973.098	21.481	23101.707	33.996	1.015	14.791
5/13/2017 0:15	180900	73.426	17.975	167.36	29436.043	33997.582	21.498	23118.357	33.972	1.015	14.792
5/13/2017 0:20	181200	73.447	17.976	167.409	29417.947	33975.773	21.483	23105.527	33.993	1.015	14.792
5/13/2017 0:25	181500	73.45	17.976	167.415	29428.852	33988.887	21.492	23112.443	33.98	1.015	14.793
5/13/2017 0:30	181800	73.445	17.976	167.404	29405.941	33962.559	21.474	23094.541	34.007	1.015	14.793
5/13/2017 0:35	182100	73.445	17.976	167.405	29427.566	33987.535	21.491	23111.525	33.982	1.015	14.794
5/13/2017 0:40	182400	73.453	17.976	167.422	29414.469	33972.219	21.481	23101.111	33.997	1.015	14.795
5/13/2017 0:45	182700	73.448	17.976	167.411	29422.572	33981.637	21.487	23107.516	33.988	1.015	14.796
5/13/2017 0:50	183000	73.45	17.976	167.415	29433.602	33994.441	21.496	23116.223	33.975	1.015	14.795
5/13/2017 0:55	183300	73.437	17.976	167.385	29422.428	33981.27	21.487	23107.266	33.988	1.015	14.796
5/13/2017 1:00	183600	73.455	17.976	167.426	29422.84	33982.074	21.488	23107.811	33.987	1.015	14.792
5/13/2017 1:05	183900	73.455	17.976	167.427	29413.887	33971.277	21.48	23100.469	33.998	1.015	14.791
5/13/2017 1:10	184200	73.46	17.976	167.438	29434.922	33995.965	21.497	23117.256	33.973	1.015	14.79
5/13/2017 1:15	184500	73.458	17.976	167.433	29400.771	33956.199	21.469	23090.215	34.013	1.015	14.789
5/13/2017 1:20	184800	73.458	17.976	167.433	29425.209	33984.746	21.489	23109.629	33.984	1.015	14.789
5/13/2017 1:25	185100	73.462	17.975	167.462	29418.148	33976.314	21.484	23105.303	33.993	1.015	14.79
5/13/2017 1:30	185400	73.438	17.976	167.388	29406.832	33963.523	21.475	23095.195	34.006	1.015	14.789
5/13/2017 1:35	185700	73.458	17.975	167.433	29427.293	33987.738	21.491	23111.664	33.982	1.015	14.789
5/13/2017 1:40	186000	73.441	17.976	167.394	29426.131	33985.746	21.49	23110.309	33.983	1.015	14.789
5/13/2017 1:45	186300	73.458	17.976	167.433	29439.102	34000.668	21.5	23120.457	33.968	1.015	14.789
5/13/2017 1:50	186600	73.457	17.976	167.432	29431.256	33991.797	21.494	23114.424	33.977	1.015	14.789
5/13/2017 1:55	186900	73.461	17.976	167.441	29424.475	33983.637	21.489	23108.873	33.985	1.015	14.788
5/13/2017 2:00	187200	73.456	17.976	167.428	29413.359	33971.125	21.48	23103.367	33.998	1.015	14.788

5/13/2017 12:55	226500	73.318	17.976	167.115	29408.334	33965.059	21.476	23096.24	34.004	1.015	14.782
5/13/2017 13:00	226800	73.295	17.976	167.061	29413.682	33971.434	21.48	23100.574	33.998	1.015	14.783
5/13/2017 13:05	227100	73.303	17.976	167.081	29397.994	33953.379	21.468	23088.301	34.016	1.015	14.781
5/13/2017 13:10	227400	73.322	17.976	167.123	29398.75	33954.121	21.468	23088.805	34.015	1.015	14.78
5/13/2017 13:15	227700	73.323	17.975	167.126	29425.619	33985.422	21.49	23110.088	33.984	1.015	14.778
5/13/2017 13:20	228000	73.325	17.976	167.131	29434.5	33995.602	21.497	23117.01	33.974	1.015	14.78
5/13/2017 13:25	228300	73.322	17.976	167.123	29409.807	33966.695	21.477	23097.355	34.002	1.015	14.782
5/13/2017 13:30	228600	73.298	17.976	167.069	29407.492	33963.961	21.475	23095.496	34.005	1.015	14.784
5/13/2017 13:35	228900	73.328	17.976	167.137	29409.705	33966.84	21.477	23097.453	34.002	1.015	14.781
5/13/2017 13:40	229200	73.33	17.976	167.142	29411.242	33968.551	21.478	23098.615	34.001	1.015	14.777
5/13/2017 13:45	229500	73.337	17.976	167.158	29406.779	33963.395	21.474	23095.109	34.006	1.015	14.773
5/13/2017 13:50	229800	73.335	17.976	167.153	29409.549	33990.862	21.493	23113.256	33.979	1.015	14.774
5/13/2017 13:55	230100	73.338	17.975	167.161	29416.416	33974.852	21.482	23102.9	33.995	1.015	14.775
5/13/2017 14:00	230400	73.317	17.975	167.113	29404.654	33961.207	21.473	23093.623	34.008	1.015	14.776
5/13/2017 14:05	230700	73.335	17.976	167.153	29402.766	33958.828	21.471	23092.004	34.01	1.015	14.777
5/13/2017 14:10	231000	73.318	17.975	167.115	29408.492	33965.961	21.476	23096.855	34.004	1.015	14.778
5/13/2017 14:15	231300	73.339	17.976	167.163	29406.881	33963.512	21.475	23095.188	34.006	1.015	14.779
5/13/2017 14:20	231600	73.319	17.976	167.117	29418.248	33976.582	21.484	23104.076	33.993	1.015	14.778
5/13/2017 14:25	231900	73.343	17.976	167.171	29413.824	33971.531	21.48	23100.641	33.998	1.015	14.777
5/13/2017 14:30	232200	73.323	17.975	167.127	29409.934	33967.426	21.477	23097.852	34.002	1.015	14.776
5/13/2017 14:35	232500	73.344	17.976	167.174	29406.791	33963.352	21.474	23095.082	34.006	1.015	14.774
5/13/2017 14:40	232800	73.351	17.976	167.189	29425.076	33984.719	21.489	23109.609	33.985	1.015	14.771
5/13/2017 14:45	233100	73.353	17.975	167.195	29422.912	33982.352	21.488	23108.002	33.987	1.015	14.769
5/13/2017 14:50	233400	73.355	17.975	167.199	29426.573	33987.18	21.491	23111.285	33.982	1.015	14.768
5/13/2017 14:55	233700	73.335	17.975	167.153	29371.352	33971.309	21.48	23100.49	33.998	1.015	14.768
5/13/2017 15:00	234000	73.353	17.976	167.194	29400.869	33956.438	21.47	23090.377	34.013	1.015	14.768
5/13/2017 15:05	234300	73.354	17.976	167.197	29399.004	33954.414	21.468	23089.002	34.015	1.015	14.767
5/13/2017 15:10	234600	73.356	17.976	167.201	29405.479	33961.695	21.473	23093.953	34.007	1.015	14.767
5/13/2017 15:15	234900	73.354	17.976	167.197	29413.477	33971.129	21.48	23100.369	33.998	1.015	14.767
5/13/2017 15:20	235200	73.338	17.976	167.16	29405.547	33961.84	21.473	23094.051	34.007	1.015	14.765
5/13/2017 15:25	235500	73.359	17.975	167.205	29416.051	33974.43	21.482	23102.613	33.995	1.015	14.763
5/13/2017 15:30	235800	73.34	17.976	167.165	29418.248	33976.445	21.484	23103.982	33.993	1.015	14.76
5/13/2017 15:35	236100	73.364	17.976	167.219	29413.875	33971.457	21.48	23100.594	33.998	1.015	14.76
5/13/2017 15:40	236400	73.356	17.976	167.2	29414.51	33972.125	21.481	23101.045	33.997	1.015	14.759
5/13/2017 15:45	236700	73.34	17.976	167.163	29414.371	33972.355	21.481	23101.201	33.997	1.015	14.759
5/13/2017 15:50	237000	73.361	17.975	167.213	29412.105	33970.195	21.479	23099.732	34	1.015	14.757
5/13/2017 15:55	237300	73.366	17.975	167.224	29392.535	33947.332	21.463	23094.188	34.022	1.015	14.754
5/13/2017 16:00	237600	73.365	17.975	167.221	29414.287	33972.391	21.481	23101.227	33.997	1.015	14.757
5/13/2017 16:05	237900	73.343	17.975	167.17	29417.656	33976.477	21.484	23104.006	33.993	1.015	14.751
5/13/2017 16:10	238200	73.36	17.976	167.211	29414.488	33972.488	21.481	23101.293	33.997	1.015	14.751
5/13/2017 16:15	238500	73.363	17.976	167.218	29411.648	33969.086	21.478	23098.98	34	1.015	14.751
5/13/2017 16:20	238800	73.364	17.976	167.219	29414.127	33971.883	21.48	23100.881	33.997	1.015	14.75
5/13/2017 16:25	239100	73.362	17.976	167.214	29419.883	33978.46	21.485	23105.49	33.991	1.015	14.75
5/13/2017 16:30	239400	73.359	17.976	167.208	29414.65	33972.555	21.481	23101.34	33.997	1.015	14.749
5/13/2017 16:35	239700	73.342	17.976	167.169	29396.748	33951.879	21.466	23087.279	34.017	1.015	14.747
5/13/2017 16:40	240000	73.344	17.976	167.172	29414.51	33972.516	21.481	23101.311	33.997	1.015	14.744
5/13/2017 16:45	240300	73.367	17.975	167.226	29394.207	33949.262	21.465	23085.498	34.02	1.015	14.742
5/13/2017 16:50	240600	73.366	17.975	167.224	29415.35	33973.617	21.482	23102.063	33.996	1.015	14.742
5/13/2017 16:55	240900	73.365	17.976	167.222	29396.342	33989.859	21.458	23079.107	34.029	1.015	14.743
5/13/2017 17:00	241200	73.363	17.976	167.218	29413.723	33971.605	21.48	23100.693	33.998	1.015	14.743
5/13/2017 17:05	241500	73.365	17.976	167.221	29402.871	33958.949	21.471	23092.086	34.01	1.015	14.742
5/13/2017 17:10	241800	73.362	17.976	167.214	29406.531	33963.109	21.474	23094.916	34.006	1.015	14.741
5/13/2017 17:15	242100	73.347	17.975	167.181	29420.523	33979.535	21.486	23106.084	33.99	1.015	14.74
5/13/2017 17:20	242400	73.345	17.976	167.175	29413.566	33971.176	21.48	23100.4	33.998	1.015	14.739
5/13/2017 17:25	242700	73.368	17.976	167.228	29400.328	33955.813	21.469	23089.955	34.013	1.015	14.738
5/13/2017 17:30	243000	73.351	17.976	167.189	29402.789	33962.789	21.474	23094.697	34.007	1.015	14.737
5/13/2017 17:35	243300	73.371	17.976	167.235	29409.895	33967.184	21.477	23097.688	34.002	1.015	14.734
5/13/2017 17:40	243600	73.37	17.975	167.232	29396.041	33951.258	21.466	23086.857	34.018	1.015	14.732
5/13/2017 17:45	243900	73.346	17.976	167.177	29389.859	33943.922	21.461	23081.869	34.025	1.015	14.73
5/13/2017 17:50	244200	73.373	17.976	167.24	29425.744	33985.297	21.49	23110.002	33.984	1.015	14.73
5/13/2017 17:55	244500	73.371	17.976	167.234	29402.211	33958.059	21.471	23091.482	34.011	1.015	14.73
5/13/2017 18:00	244800	73.371	17.976	167.236	29404.526	33967.684	21.475	23095.867	34.005	1.015	14.727
5/13/2017 18:05	245100	73.368	17.975	167.229	29409.135	33966.441	21.477	23097.182	34.003	1.015	14.729
5/13/2017 18:10	245400	73.37	17.975	167.233	29438.125	33999.922	21.5	23119.947	33.97	1.015	14.728
5/13/2017 18:15	245700	73.365	17.976	167.222	29400.865	33956.563	21.47	23090.463	34.013	1.015	14.727
5/13/2017 18:20	246000	73.351	17.975	167.19	29414.68	33973.105	21.481	23101.713	33.997	1.015	14.729
5/13/2017 18:25	246300	73.364	17.976	167.219	29419.041	33977.496	21.484	23104.697	33.992	1.015	14.731
5/13/2017 18:30	246600	73.341	17.976	167.166	29411.873	33964.66	21.479	23099.24	34	1.015	14.733
5/13/2017 18:35	246900	73.367	17.976	167.225	29407.096	33963.828	21.475	23095.406	34.005	1.015	14.731
5/13/2017 18:40	247200	73.343	17.975	167.17	29405.195	33961.832	21.473	23094.047	34.008	1.015	14.729
5/13/2017 18:45	247500	73.352	17.975	167.191	29407.15	33964.285	21.475	23095.717	34.005	1.015	14.727
5/13/2017 18:50	247800	73.361	17.976	167.212	29413.516	33971.367	21.48	23100.531	33.998	1.015	14.728
5/13/2017 18:55	248100	73.343	17.975	167.171	29411.967	33970.23	21.479	23099.758	34	1.015	14.729
5/13/2017 19:00	248400	73.36	17.975	167.211	29410.25	33967.688	21.477	23098.016	34.001	1.015	14.73
5/13/2017 19:05	248700	73.363	17.976	167.216	29407.654	33964.535	21.475	23095.887	34.005	1.015	14.73
5/13/2017 19:10	249000	73.367	17.976	167.225	29403.693	33959.898	21.472	23092.732	34.009	1.015	14.729
5/13/2017 19:15	249300	73.347	17.976	167.181	29409.465	33966.688	21.477	23097.35	34.003	1.015	14.729
5/13/2017 19:20	249600	73.359	17.976	167.207	29401.932	33957.863	21.471	23091.35	34.011	1.015	14.727
5/13/2017 19:25	249900	73.367	17.976	167.226	29410.646	33967.805	21.478	23098.107	34.001	1.015	14.726
5/13/2017 19:30	250200	73.368	17.975	167.228	29395.924	33951.32	21.466	23086.898	34.018	1.015	14.725
5/13/2017 19:35	250500	73.371	17.976	167.236	29404.996	33961.002	21.473	23093.889	34.008		

5/14/2017 6:30	289800	73.34	179.76	167.165	29412.629	33970.219	21.479	23099.748	33.999	1.015	14.712
5/14/2017 6:35	290100	73.335	179.75	167.152	29412.395	33970.398	21.479	23099.873	33.999	1.015	14.712
5/14/2017 6:40	290400	73.331	179.75	167.144	29403.305	33960.094	21.472	23092.865	34.01	1.015	14.713
5/14/2017 6:45	290700	73.331	179.76	167.144	29410.111	33967.434	21.477	23097.857	34.002	1.015	14.713
5/14/2017 6:50	291000	73.33	179.75	167.143	29404.494	33961.082	21.473	23093.537	34.008	1.015	14.712
5/14/2017 6:55	291300	73.307	179.76	167.089	29414.207	33972.164	21.481	23101.074	33.997	1.015	14.711
5/14/2017 7:00	291600	73.294	179.75	167.127	29414.182	33973.184	21.481	23101.716	33.992	1.015	14.709
5/14/2017 7:05	291900	73.321	179.75	167.121	29412.904	33970.855	21.48	23100.184	33.999	1.015	14.709
5/14/2017 7:10	292200	73.319	179.75	167.116	29417.617	33976.301	21.483	23103.885	33.993	1.015	14.708
5/14/2017 7:15	292500	73.316	179.75	167.109	29420.045	33978.984	21.485	23105.711	33.99	1.015	14.708
5/14/2017 7:20	292800	73.311	179.75	167.098	29406.23	33963.223	21.474	23094.994	34.006	1.015	14.71
5/14/2017 7:25	293100	73.311	179.75	167.098	29416.189	33974.998	21.482	23102.729	33.995	1.015	14.713
5/14/2017 7:30	293400	73.302	179.76	167.078	29409.74	33966.883	21.477	23097.48	34.002	1.015	14.715
5/14/2017 7:35	293700	73.302	179.76	167.078	29402.26	33958.176	21.471	23091.563	34.011	1.015	14.714
5/14/2017 7:40	294000	73.303	179.76	167.08	29410.156	33967.426	21.477	23097.852	34.002	1.015	14.713
5/14/2017 7:45	294300	73.298	179.75	167.068	29433.559	33995.113	21.497	23116.678	33.975	1.015	14.712
5/14/2017 7:50	294600	73.296	179.75	167.065	29383.197	33936.676	21.456	23076.941	34.033	1.015	14.712
5/14/2017 7:55	294900	73.289	179.76	167.048	29399.547	33954.984	21.469	23089.391	34.014	1.015	14.711
5/14/2017 8:00	295200	73.29	179.75	167.059	29410.408	33968.051	21.478	23092.275	34.002	1.015	14.711
5/14/2017 8:05	295500	73.287	179.76	167.043	29415.531	33973.504	21.482	23101.984	33.996	1.015	14.713
5/14/2017 8:10	295800	73.279	179.76	167.025	29396	33951.137	21.466	23086.775	34.018	1.015	14.715
5/14/2017 8:15	296100	73.278	179.76	167.023	29413.418	33971.191	21.48	23100.41	33.998	1.015	14.718
5/14/2017 8:20	296400	73.278	179.75	167.024	29420.443	33979.5	21.486	23106.063	33.99	1.015	14.716
5/14/2017 8:25	296700	73.258	179.75	166.977	29413.887	33971.871	21.488	23100.873	33.998	1.015	14.714
5/14/2017 8:30	297000	73.28	179.75	167.028	29398.16	33953.707	21.468	23088.521	34.016	1.015	14.712
5/14/2017 8:35	297300	73.274	179.75	167.014	29410.76	33968.379	21.478	23098.5	34.001	1.015	14.714
5/14/2017 8:40	297600	73.273	179.75	167.011	29419.145	33978.195	21.485	23105.176	33.991	1.015	14.715
5/14/2017 8:45	297900	73.265	179.75	166.993	29408.635	33966	21.476	23096.883	34.004	1.015	14.717
5/14/2017 8:50	298200	73.25	179.75	166.96	29403.943	33960.445	21.472	23093.105	34.009	1.015	14.715
5/14/2017 8:55	298500	73.268	179.75	167	29407.035	33964.078	21.475	23095.576	34.005	1.015	14.714
5/14/2017 9:00	298800	73.266	179.75	166.995	29405.471	33962.156	21.474	23094.268	34.007	1.015	14.713
5/14/2017 9:05	299100	73.269	179.75	167.002	29397.436	33953.254	21.467	23088.215	34.017	1.015	14.714
5/14/2017 9:10	299400	73.262	179.76	166.988	29395.537	33950.277	21.465	23086.191	34.019	1.015	14.715
5/14/2017 9:15	299700	73.243	179.76	166.944	29423.805	33983.059	21.488	23108.482	33.986	1.015	14.717
5/14/2017 9:20	300000	73.262	179.76	166.986	29414.469	33972.469	21.481	23101.279	33.997	1.015	14.718
5/14/2017 9:25	300300	73.258	179.76	166.977	29407.533	33964.266	21.475	23095.703	34.005	1.015	14.719
5/14/2017 9:30	300600	73.254	179.75	166.958	29393.99	33948.891	21.464	23095.891	34.021	1.015	14.721
5/14/2017 9:35	300900	73.254	179.76	166.969	29393.99	33948.492	21.464	23094.977	34.021	1.015	14.719
5/14/2017 9:40	301200	73.237	179.75	166.93	29429.33	33990.027	21.493	23113.221	33.98	1.015	14.719
5/14/2017 9:45	301500	73.257	179.75	166.975	29411.246	33968.941	21.478	23098.883	34.001	1.015	14.719
5/14/2017 9:50	301800	73.252	179.76	166.965	29414.848	33972.906	21.481	23101.578	33.996	1.015	14.718
5/14/2017 9:55	302100	73.252	179.76	166.963	29414.119	33972.063	21.481	23101.004	33.997	1.015	14.718
5/14/2017 10:00	302400	73.255	179.76	166.971	29395.516	33950.363	21.465	23096.309	34.019	1.015	14.719
5/14/2017 10:05	302700	73.253	179.75	166.966	29393.494	33948.316	21.464	23084.855	34.021	1.015	14.716
5/14/2017 10:10	303000	73.256	179.75	166.973	29409.146	33966.516	21.477	23097.23	34.003	1.015	14.715
5/14/2017 10:15	303300	73.239	179.75	166.935	29400.178	33956.035	21.469	23090.105	34.013	1.015	14.713
5/14/2017 10:20	303600	73.256	179.76	166.973	29401.037	33956.953	21.47	23090.729	34.012	1.015	14.711
5/14/2017 10:25	303900	73.259	179.75	166.981	29388.588	33942.773	21.46	23081.088	34.027	1.015	14.71
5/14/2017 10:30	304200	73.257	179.76	166.976	29397.822	33948.43	21.464	23084.932	34.021	1.015	14.709
5/14/2017 10:35	304500	73.256	179.75	166.972	29407.156	33964.348	21.475	23095.756	34.005	1.015	14.711
5/14/2017 10:40	304800	73.234	179.76	166.923	29408.133	33964.824	21.476	23096.08	34.004	1.015	14.714
5/14/2017 10:45	305100	73.252	179.76	166.964	29400.48	33956.188	21.469	23090.209	34.013	1.015	14.717
5/14/2017 10:50	305400	73.25	179.76	166.959	29410.338	33967.695	21.477	23098.033	34.002	1.015	14.719
5/14/2017 10:55	305700	73.248	179.76	166.954	29411.529	33969.012	21.478	23098.928	34	1.015	14.721
5/14/2017 11:00	306000	73.229	179.75	166.912	29404.943	33961.526	21.473	23094.111	34.008	1.015	14.723
5/14/2017 11:05	306300	73.249	179.75	166.958	29407.425	33964.461	21.475	23095.834	34.005	1.015	14.724
5/14/2017 11:10	306600	73.249	179.76	166.957	29387.475	33941.289	21.459	23080.078	34.028	1.015	14.718
5/14/2017 11:15	306900	73.253	179.75	166.967	29395.342	33950.648	21.466	23086.443	34.019	1.015	14.716
5/14/2017 11:20	307200	73.236	179.75	166.928	29410.465	33968.113	21.478	23098.318	34.002	1.015	14.716
5/14/2017 11:25	307500	73.258	179.75	166.979	29408.963	33966.242	21.476	23097.047	34.003	1.015	14.715
5/14/2017 11:30	307800	73.258	179.76	166.978	29400.205	33955.801	21.469	23089.947	34.013	1.015	14.714
5/14/2017 11:35	308100	73.259	179.76	166.979	29408.859	33965.863	21.476	23095.789	34.003	1.015	14.715
5/14/2017 11:40	308400	73.258	179.75	166.979	29414.758	33972.875	21.481	23101.555	33.997	1.015	14.715
5/14/2017 11:45	308700	73.267	179.76	166.999	29397.82	33953.117	21.467	23088.119	34.016	1.015	14.715
5/14/2017 11:50	309000	73.259	179.75	166.98	29395.203	33950.414	21.465	23086.283	34.019	1.015	14.716
5/14/2017 11:55	309300	73.264	179.75	166.992	29378.367	33930.906	21.452	23073.018	34.039	1.015	14.717
5/14/2017 12:00	309600	73.243	179.75	166.944	29403.342	33959.887	21.472	23092.725	34.01	1.015	14.719
5/14/2017 12:05	309900	73.269	179.76	166.983	29403.771	33959.982	21.473	23092.795	34.009	1.015	14.721
5/14/2017 12:10	310200	73.26	179.75	166.983	29404.355	33961.113	21.473	23093.557	34.009	1.015	14.72
5/14/2017 12:15	310500	73.245	179.75	166.948	29397.258	33952.918	21.467	23097.986	34.017	1.015	14.721
5/14/2017 12:20	310800	73.265	179.75	166.993	29413.496	33971.738	21.48	23100.785	33.998	1.015	14.721
5/14/2017 12:25	311100	73.266	179.75	166.996	29414.287	33972.332	21.481	23101.188	33.997	1.015	14.722
5/14/2017 12:30	311400	73.265	179.76	166.994	29399.084	33954.574	21.468	23089.113	34.015	1.015	14.723
5/14/2017 12:35	311700	73.267	179.75	166.998	29393.748	33948.73	21.464	23095.139	34.021	1.015	14.724
5/14/2017 12:40	312000	73.271	179.75	167.007	29397.809	33953.684	21.468	23088.506	34.016	1.015	14.725
5/14/2017 12:45	312300	73.268	179.76	167	29394.516	33949.035	21.465	23085.344	34.02	1.015	14.726
5/14/2017 12:50	312600	73.275	179.76	167.017	29410.127	33967.262	21.477	23097.74	34.002	1.015	14.726
5/14/2017 12:55	312900	73.254	179.75	166.969	29399.691	33955.535	21.469	23089.766	34.014	1.015	14.725
5/14/2017 13:00	313200	73.253	179.75	166.967	29391.168	33945.688	21.462	23083.068	34.024	1.015	14.725
5/14/2017 13:05	313500	73.28	179.75	167.029	29397.529	33952.509	21.467	23087.729	34.017	1.015	14.724
5/14/2017 13:10	313800	73.277	179.76	167.022	29410.777	33961.008	21.478	23098.25	34.021	1.015	14.72

5/15/2017 0:05	353100	73.39	17975	167.279	29406.762	33964.164	21.475	23095.633	34006	1.015	14.696
5/15/2017 0:10	353400	73.392	17975	167.283	29417.406	33976.457	21.484	23103.99	33993	1.015	14.694
5/15/2017 0:15	353700	73.399	17975	167.298	29415.35	33973.68	21.482	23102.102	33996	1.015	14.692
5/15/2017 0:20	354000	73.394	17975	167.288	29411.039	33969.102	21.478	23098.992	34001	1.015	14.694
5/15/2017 0:25	354300	73.396	17975	167.292	29414.148	33972.367	21.481	23101.209	33997	1.015	14.697
5/15/2017 0:30	354600	73.398	17975	167.288	29409.803	33969.999	21.493	23113.676	33979	1.015	14.699
5/15/2017 0:35	354900	73.373	17975	167.24	29405.553	33962.766	21.474	23094.684	34007	1.015	14.698
5/15/2017 0:40	355200	73.394	17975	167.288	29391.602	33946.777	21.463	23083.809	34023	1.015	14.698
5/15/2017 0:45	355500	73.396	17975	167.291	29406.293	33963.621	21.475	23095.262	34006	1.015	14.697
5/15/2017 0:50	355800	73.385	17975	167.267	29403.793	33960.211	21.472	23092.945	34009	1.015	14.697
5/15/2017 0:55	356100	73.399	17975	167.3	29424.045	33983.855	21.489	23109.021	33986	1.015	14.696
5/15/2017 1:00	356400	73.383	17975	167.261	29406.652	33966.27	21.476	23097.064	34004	1.015	14.696
5/15/2017 1:05	356700	73.404	17975	167.311	29401.84	33958.152	21.471	23091.552	34011	1.015	14.696
5/15/2017 1:10	357000	73.409	17975	167.322	29403.004	33959.684	21.472	23092.586	34.01	1.015	14.695
5/15/2017 1:15	357300	73.405	17975	167.313	29412.6	33970.441	21.479	23099.9	33999	1.015	14.695
5/15/2017 1:20	357600	73.387	17975	167.272	29416.281	33974.957	21.483	23102.973	33995	1.015	14.695
5/15/2017 1:25	357900	73.412	17975	167.328	29418.307	33977.621	21.484	23104.783	33992	1.015	14.695
5/15/2017 1:30	358200	73.409	17975	167.321	29399.711	33955.816	21.469	23089.957	34014	1.015	14.695
5/15/2017 1:35	358500	73.394	17975	167.287	29418.221	33977.59	21.484	23104.764	33992	1.015	14.694
5/15/2017 1:40	358800	73.415	17975	167.337	29405.254	33962.152	21.474	23094.266	34008	1.015	14.693
5/15/2017 1:45	359100	73.416	17975	167.337	29414.025	33972.281	21.481	23101.154	33997	1.015	14.691
5/15/2017 1:50	359400	73.399	17976	167.298	29414.199	33972.156	21.481	23101.066	33997	1.015	14.691
5/15/2017 1:55	359700	73.42	17975	167.347	29423.434	33982.953	21.488	23108.41	33987	1.015	14.691
5/15/2017 2:00	360000	73.403	17975	167.307	29408.023	33965.418	21.476	23096.484	34004	1.015	14.69
5/15/2017 2:05	360300	73.418	17975	167.242	29415.959	33974.387	21.482	23102.584	33995	1.015	14.695
5/15/2017 2:10	360600	73.417	17975	167.34	29420.002	33978.934	21.485	23105.676	33.99	1.015	14.69
5/15/2017 2:15	360900	73.422	17975	167.351	29413.756	33972.164	21.481	23101.074	33998	1.015	14.69
5/15/2017 2:20	361200	73.421	17975	167.35	29400.572	33956.813	21.47	23090.633	34013	1.015	14.69
5/15/2017 2:25	361500	73.42	17975	167.347	29410.971	33968.949	21.478	23098.887	34001	1.015	14.691
5/15/2017 2:30	361800	73.398	17975	167.296	29404.596	33961.66	21.473	23093.932	34008	1.015	14.691
5/15/2017 2:35	362100	73.424	17975	167.356	29406.539	33963.832	21.475	23095.408	34006	1.015	14.689
5/15/2017 2:40	362400	73.406	17975	167.315	29399.139	33955.414	21.469	23089.684	34015	1.015	14.688
5/15/2017 2:45	362700	73.424	17975	167.356	29432.031	33992.949	21.495	23115.205	33977	1.015	14.686
5/15/2017 2:50	363000	73.401	17974	167.303	29406.221	33963.73	21.475	23095.338	34006	1.015	14.688
5/15/2017 2:55	363300	73.423	17975	167.353	29408.314	33966.012	21.476	23096.889	34004	1.015	14.69
5/15/2017 3:00	363600	73.417	17975	167.339	29403.291	33959.887	21.472	23092.725	34.01	1.015	14.692
5/15/2017 3:05	363900	73.403	17975	167.307	29405.664	33965.996	21.49	23104.979	33994	1.015	14.69
5/15/2017 3:10	364200	73.398	17975	167.296	29410.24	33967.91	21.478	23098.182	34002	1.015	14.689
5/15/2017 3:15	364500	73.422	17975	167.352	29408.904	33966.438	21.477	23097.18	34003	1.015	14.688
5/15/2017 3:20	364800	73.423	17975	167.353	29418.992	33978.148	21.485	23105.143	33992	1.015	14.689
5/15/2017 3:25	365100	73.399	17975	167.299	29397.098	33952.676	21.467	23087.822	34017	1.015	14.689
5/15/2017 3:30	365400	73.417	17975	167.34	29407.744	33964.973	21.476	23096.182	34005	1.015	14.69
5/15/2017 3:35	365700	73.417	17975	167.341	29403.338	33960.207	21.472	23092.943	34.01	1.015	14.689
5/15/2017 3:40	366000	73.42	17975	167.346	29396.227	33951.727	21.466	23087.176	34018	1.015	14.688
5/15/2017 3:45	366300	73.419	17975	167.345	29407.402	33964.504	21.475	23095.865	34005	1.015	14.688
5/15/2017 3:50	366600	73.419	17975	167.344	29403.771	33960.57	21.473	23093.189	34009	1.015	14.687
5/15/2017 3:55	366900	73.416	17975	167.338	29405.746	33962.719	21.474	23094.65	34007	1.015	14.686
5/15/2017 4:00	367200	73.397	17975	167.295	29410.098	33967.941	21.478	23098.201	34002	1.015	14.684
5/15/2017 4:05	367500	73.393	17975	167.285	29404.029	33960.84	21.473	23093.973	34009	1.015	14.689
5/15/2017 4:10	367800	73.411	17975	167.325	29411.115	33968.922	21.478	23098.867	34001	1.015	14.687
5/15/2017 4:15	368100	73.412	17975	167.33	29396.563	33952.113	21.467	23087.439	34018	1.015	14.689
5/15/2017 4:20	368400	73.409	17974	167.322	29423.906	33984.484	21.489	23109.449	33986	1.015	14.686
5/15/2017 4:25	368700	73.393	17975	167.285	29411.35	33969.387	21.479	23099.184	34	1.015	14.683
5/15/2017 4:30	369000	73.396	17975	167.293	29418.248	33977.16	21.484	23104.469	33993	1.015	14.68
5/15/2017 4:35	369300	73.41	17975	167.324	29409.445	33966.801	21.477	23097.426	34003	1.015	14.682
5/15/2017 4:40	369600	73.409	17975	167.321	29403.035	33959.984	21.478	23092.791	34.01	1.015	14.679
5/15/2017 4:45	369900	73.381	17975	167.259	29410.729	33968.477	21.478	23098.566	34001	1.015	14.686
5/15/2017 4:50	370200	73.402	17975	167.305	29417.266	33975.895	21.483	23103.611	33994	1.015	14.685
5/15/2017 4:55	370500	73.384	17975	167.264	29418.377	33977.18	21.484	23104.482	33992	1.015	14.684
5/15/2017 5:00	370800	73.399	17975	167.3	29401.951	33958.336	21.471	23091.67	34011	1.015	14.682
5/15/2017 5:05	371100	73.402	17975	167.307	29405.736	33962.777	21.474	23094.689	34007	1.015	14.684
5/15/2017 5:10	371400	73.398	17975	167.296	29391.703	33946.623	21.463	23083.711	34023	1.015	14.695
5/15/2017 5:15	371700	73.392	17975	167.284	29401.918	33958.367	21.471	23091.689	34011	1.015	14.686
5/15/2017 5:20	372000	73.374	17975	167.242	29414.92	33973.641	21.482	23102.078	33996	1.015	14.685
5/15/2017 5:25	372300	73.392	17975	167.282	29411.018	33968.941	21.478	23098.883	34001	1.015	14.683
5/15/2017 5:30	372600	73.368	17975	167.228	29388.531	33942.707	21.46	23081.041	34027	1.015	14.682
5/15/2017 5:35	372900	73.388	17975	167.273	29390.016	33944.82	21.462	23082.479	34025	1.015	14.682
5/15/2017 5:40	373200	73.382	17975	167.261	29406.348	33963.648	21.475	23095.281	34006	1.015	14.681
5/15/2017 5:45	373500	73.362	17975	167.215	29410.818	33968.648	21.478	23098.682	34001	1.015	14.682
5/15/2017 5:50	373800	73.379	17975	167.253	29401.283	33957.633	21.47	23091.191	34012	1.015	14.682
5/15/2017 5:55	374100	73.357	17975	167.203	29405.953	33963.23	21.474	23094.998	34007	1.015	14.682
5/15/2017 6:00	374400	73.355	17976	167.198	29402.605	33958.766	21.471	23091.963	34011	1.015	14.682
5/15/2017 6:05	374700	73.371	17975	167.235	29402.479	33959.273	21.472	23092.309	34011	1.015	14.684
5/15/2017 6:10	375000	73.366	17975	167.224	29411.098	33968.867	21.478	23098.832	34001	1.015	14.682
5/15/2017 6:15	375300	73.356	17975	167.202	29416.896	33975.793	21.483	23103.541	33994	1.015	14.69
5/15/2017 6:20	375600	73.355	17975	167.2	29375.078	33975.078	21.483	23103.055	33994	1.015	14.689
5/15/2017 6:25	375900	73.337	17975	167.158	29408.322	33965.566	21.476	23096.586	34004	1.015	14.687
5/15/2017 6:30	376200	73.356	17975	167.2	29409.586	33967.348	21.477	23097.797	34003	1.015	14.686
5/15/2017 6:35	376500	73.333	17975	167.149	29414.207	33972.625	21.481	23101.385	33997	1.015	14.687
5/15/2017 6:40	376800	73.345	17975	167.176	29410.617	33968.477	21.478	23098.566	34001	1.015	14.689
5/15/2017 6:45	377100	73.348	17976	167.138	29397.59	33952.914	21.467	23087.984	34016	1.015	14.69
5/15/2017 6:50	377400	73.343	17975	167.171	29401.398	33958.094	21.471	23091.506	34012	1.015	14.692
5/15/2017 6:55	377700	73.3									

5/15/2017 17:40	416400	73.336	17.975	167.155	29400.311	33956.574	21.47	23090.471	34.013	1.015	14.716
5/15/2017 17:45	416700	73.34	17.975	167.165	29405.125	33962.004	21.474	23094.164	34.008	1.015	14.716
5/15/2017 17:50	417000	73.346	17.975	167.178	29413.785	33972.137	21.481	23101.053	33.998	1.015	14.717
5/15/2017 17:55	417300	73.321	17.975	167.121	29404.539	33961.395	21.473	23093.75	34.008	1.015	14.718
5/15/2017 18:00	417600	73.338	17.974	167.16	29413.875	33972.703	21.481	23101.439	33.998	1.015	14.719
5/15/2017 18:05	417900	73.322	17.975	167.123	29405.039	33961.711	21.473	23093.963	34.008	1.015	14.719
5/15/2017 18:10	418200	73.337	17.975	167.157	29409.177	33971.767	21.474	23097.682	34.007	1.015	14.718
5/15/2017 18:15	418500	73.318	17.975	167.114	29403.891	33960.848	21.473	23093.379	34.009	1.015	14.718
5/15/2017 18:20	418800	73.34	17.975	167.163	29405.885	33963.074	21.474	23094.893	34.007	1.015	14.718
5/15/2017 18:25	419100	73.339	17.975	167.163	29398.059	33953.84	21.468	23088.611	34.016	1.015	14.718
5/15/2017 18:30	419400	73.324	17.975	167.128	29409.846	33967.648	21.477	23098.004	34.002	1.015	14.719
5/15/2017 18:35	419700	73.344	17.975	167.175	29399.613	33955.441	21.469	23089.703	34.014	1.015	14.719
5/15/2017 18:40	420000	73.324	17.975	167.129	29398.453	33954.742	21.468	23088.854	34.015	1.015	14.72
5/15/2017 18:45	420300	73.34	17.975	167.164	29403.424	33959.98	21.472	23092.789	34.01	1.015	14.721
5/15/2017 18:50	420600	73.344	17.975	167.173	29400.223	33956.473	21.47	23090.402	34.013	1.015	14.72
5/15/2017 18:55	420900	73.325	17.975	167.131	29408.104	33965.512	21.476	23096.551	34.004	1.015	14.719
5/15/2017 19:00	421200	73.327	17.975	167.135	29404.023	33960.797	21.473	23093.344	34.009	1.015	14.718
5/15/2017 19:05	421500	73.329	17.975	167.14	29408.256	33965.563	21.476	23096.582	34.004	1.015	14.717
5/15/2017 19:10	421800	73.332	17.975	167.145	29404.553	33961.016	21.473	23093.49	34.008	1.015	14.716
5/15/2017 19:15	422100	73.349	17.975	167.185	29398.672	33954.68	21.468	23089.182	34.015	1.015	14.715
5/15/2017 19:20	422400	73.35	17.975	167.188	29404.465	33961.508	21.473	23093.828	34.008	1.015	14.718
5/15/2017 19:25	422700	73.327	17.975	167.135	29411.668	33969.559	21.479	23099.303	34	1.015	14.721
5/15/2017 19:30	423000	73.324	17.975	167.128	29403.982	33960.879	21.473	23093.398	34.009	1.015	14.724
5/15/2017 19:35	423300	73.342	17.974	167.17	29407.115	33964.895	21.475	23096.131	34.005	1.015	14.722
5/15/2017 19:40	423600	73.342	17.975	167.168	29416.564	33975.339	21.483	23103.369	33.994	1.015	14.721
5/15/2017 19:45	423900	73.329	17.975	167.139	29426.131	33986.332	21.49	23110.707	33.983	1.015	14.72
5/15/2017 19:50	424200	73.347	17.975	167.179	29395.602	33951.004	21.466	23086.686	34.019	1.015	14.718
5/15/2017 19:55	424500	73.357	17.975	167.204	29406.5	33963.66	21.475	23095.289	34.006	1.015	14.717
5/15/2017 20:00	424800	73.354	17.975	167.197	29406.008	33963.348	21.474	23095.078	34.007	1.015	14.715
5/15/2017 20:05	425100	73.335	17.975	167.154	29398.84	33954.813	21.468	23089.275	34.015	1.015	14.718
5/15/2017 20:10	425400	73.35	17.975	167.186	29402.422	33958.824	21.471	23092	34.011	1.015	14.72
5/15/2017 20:15	425700	73.333	17.975	167.149	29416.043	33974.48	21.482	23102.648	33.995	1.015	14.723
5/15/2017 20:20	426000	73.35	17.975	167.188	29405.229	33962.121	21.474	23094.244	34.008	1.015	14.724
5/15/2017 20:25	426300	73.327	17.975	167.135	29407.314	33964.926	21.476	23096.15	34.005	1.015	14.726
5/15/2017 20:30	426600	73.349	17.975	167.185	29412.814	33970.953	21.48	23100.248	33.999	1.015	14.727
5/15/2017 20:35	426900	73.345	17.975	167.175	29417.486	33976.086	21.483	23103.738	33.993	1.015	14.727
5/15/2017 20:40	427200	73.348	17.975	167.183	29405.631	33985.813	21.49	23105.357	33.984	1.015	14.728
5/15/2017 20:45	427500	73.352	17.975	167.191	29401.824	33958.059	21.471	23091.482	34.011	1.015	14.728
5/15/2017 20:50	427800	73.334	17.975	167.152	29420.414	33979.793	21.486	23106.26	33.99	1.015	14.729
5/15/2017 20:55	428100	73.328	17.975	167.138	29408.693	33966.07	21.476	23096.93	34.004	1.015	14.73
5/15/2017 21:00	428400	73.329	17.974	167.139	29406.5	33964.055	21.475	23095.559	34.006	1.015	14.731
5/15/2017 21:05	428700	73.351	17.975	167.189	29417.596	33976.676	21.484	23104.141	33.993	1.015	14.731
5/15/2017 21:10	429000	73.355	17.975	167.198	29418.129	33977.152	21.484	23104.463	33.984	1.015	14.732
5/15/2017 21:15	429300	73.355	17.975	167.198	29405.219	33962.113	21.474	23094.238	34.008	1.015	14.731
5/15/2017 21:20	429600	73.336	17.975	167.156	29405.104	33961.977	21.473	23094.145	34.008	1.015	14.732
5/15/2017 21:25	429900	73.357	17.975	167.204	29410.904	33969.004	21.478	23098.924	34.001	1.015	14.734
5/15/2017 21:30	430200	73.356	17.975	167.2	29415.109	33973.664	21.482	23102.092	33.996	1.015	14.736
5/15/2017 21:35	430500	73.353	17.975	167.194	29415.068	33973.813	21.482	23102.193	33.996	1.015	14.737
5/15/2017 21:40	430800	73.358	17.975	167.205	29408.968	33966.473	21.477	23097.203	34.003	1.015	14.739
5/15/2017 21:45	431100	73.338	17.975	167.16	29410.506	33968.219	21.478	23098.391	34.001	1.015	14.74
5/15/2017 21:50	431400	73.358	17.975	167.207	29413.496	33971.801	21.48	23100.826	33.998	1.015	14.74
5/15/2017 21:55	431700	73.361	17.975	167.212	29405.48	33962.609	21.474	23094.576	34.007	1.015	14.739
5/15/2017 22:00	432000	73.342	17.975	167.169	29409.439	33967.117	21.477	23097.641	34.003	1.015	14.739
5/15/2017 22:05	432300	73.356	17.975	167.201	29419.553	33978.668	21.485	23105.496	33.991	1.015	14.742
5/15/2017 22:10	432600	73.356	17.975	167.201	29415.563	33974.125	21.482	23102.406	33.996	1.015	14.745
5/15/2017 22:15	432900	73.334	17.975	167.151	29428.029	33988.402	21.492	23112.113	33.981	1.015	14.748
5/15/2017 22:20	433200	73.352	17.975	167.193	29399.49	33955.563	21.469	23089.785	34.014	1.015	14.749
5/15/2017 22:25	433500	73.359	17.975	167.208	29428.418	33989.23	21.492	23112.678	33.981	1.015	14.749
5/15/2017 22:30	433800	73.337	17.975	167.158	29404.348	33960.973	21.473	23093.463	34.009	1.015	14.75
5/15/2017 22:35	434100	73.363	17.975	167.217	29422.588	33982.238	21.488	23107.924	33.987	1.015	14.751
5/15/2017 22:40	434400	73.361	17.975	167.212	29420.373	33990.078	21.493	23112.58	33.98	1.015	14.752
5/15/2017 22:45	434700	73.36	17.975	167.21	29420.113	33979.063	21.485	23105.764	33.99	1.015	14.754
5/15/2017 22:50	435000	73.363	17.975	167.216	29406.184	33963.496	21.475	23095.178	34.006	1.015	14.751
5/15/2017 22:55	435300	73.364	17.975	167.218	29433.709	33995.285	21.497	23116.797	33.975	1.015	14.75
5/15/2017 23:00	435600	73.362	17.975	167.215	29418.566	33977.527	21.484	23104.719	33.992	1.015	14.749
5/15/2017 23:05	435900	73.349	17.975	167.184	29407.734	33964.961	21.476	23096.174	34.005	1.015	14.748
5/15/2017 23:10	436200	73.37	17.975	167.233	29421.988	33981.422	21.487	23107.369	33.988	1.015	14.748
5/15/2017 23:15	436500	73.371	17.975	167.225	29414.119	33972.336	21.481	23103.191	33.997	1.015	14.749
5/15/2017 23:20	436800	73.351	17.975	167.189	29427.143	33987.629	21.491	23111.59	33.982	1.015	14.749
5/15/2017 23:25	437100	73.353	17.975	167.194	29413.656	33972.051	21.48	23100.996	33.998	1.015	14.751
5/15/2017 23:30	437400	73.371	17.975	167.234	29408.814	33966.59	21.477	23097.283	34.003	1.015	14.753
5/15/2017 23:35	437700	73.378	17.975	167.251	29408.393	33965.906	21.476	23096.816	34.004	1.015	14.751
5/15/2017 23:40	438000	73.355	17.975	167.199	29406.859	33964.332	21.475	23095.746	34.006	1.015	14.748
5/15/2017 23:45	438300	73.381	17.975	167.259	29413.195	33971.07	21.485	23103.28	33.998	1.015	14.748
5/15/2017 23:50	438600	73.382	17.975	167.26	29412.281	33970.336	21.479	23099.828	33.999	1.015	14.747
5/15/2017 23:55	438900	73.382	17.975	167.26	29402.523	33959.066	21.471	23092.166	34.011	1.015	14.749
5/16/2017 0:00	439200	73.361	17.975	167.213	29414.139	33972.609	21.481	23101.375	33.997	1.015	14.75
5/16/2017 0:05	439500	73.387	17.975	167.272	29412.35	33970.617	21.479	23100.021	33.999	1.015	14.751
5/16/2017 0:10	439800	73.378	17.975	167.251	29405.588	33957.09	21.472	23090.824	34.013	1.015	14.751
5/16/2017 0:15	440100	73.365	17.975	167.221	29414.139	33972.822	21.481	23101.154	33.997	1.015	14.752
5/16/2017 0:20	440400	73.385	17.975	167.266	29428.039	33988.664	21.491	23112.2			

5/16/2017 11:15	479700	73219	17975	166.888	29410.551	33968.27	21.478	23098.426	34001	1.015	14.771
5/16/2017 11:20	480000	73232	17975	166.918	29417.535	33976.281	21.483	23103.873	33993	1.015	14.772
5/16/2017 11:25	480300	73235	17976	166.925	29415.551	33973.719	21.482	23102.131	33996	1.015	14.773
5/16/2017 11:30	480600	73233	17975	166.921	29403.564	33960.07	21.472	23092.848	34009	1.015	14.775
5/16/2017 11:35	480900	73229	17975	166.912	29398.479	33954.395	21.468	23088.988	34015	1.015	14.776
5/16/2017 11:40	481200	73213	17975	166.875	29387.092	33941.445	21.459	23080.186	34029	1.015	14.777
5/16/2017 11:45	481500	73229	17975	166.911	29405.559	33967.254	21.477	23097.234	34003	1.015	14.779
5/16/2017 11:50	481800	73227	17975	166.908	29404.043	33960.699	21.473	23093.277	34009	1.015	14.778
5/16/2017 11:55	482100	73.21	17975	166.868	29395.555	33950.949	21.466	23086.646	34019	1.015	14.777
5/16/2017 12:00	482400	73.23	17975	166.914	29415.781	33974.254	21.482	23102.494	33995	1.015	14.776
5/16/2017 12:05	482700	73.233	17975	166.921	29416.494	33975.078	21.483	23103.055	33995	1.015	14.775
5/16/2017 12:10	483000	73.236	17975	166.927	29414.047	33972.675	21.481	23101.215	33997	1.015	14.773
5/16/2017 12:15	483300	73.243	17975	166.943	29398.82	33954.664	21.488	23089.172	34015	1.015	14.771
5/16/2017 12:20	483600	73.235	17975	166.926	29419.023	33978.188	21.485	23105.17	33992	1.015	14.774
5/16/2017 12:25	483900	73.211	17975	166.87	29386.002	33939.859	21.458	23079.107	34.03	1.015	14.777
5/16/2017 12:30	484200	73.228	17975	166.91	29403.422	33960.359	21.472	23093.047	34.01	1.015	14.78
5/16/2017 12:35	484500	73.226	17975	166.904	29428.512	33989.207	21.492	23112.662	33981	1.015	14.778
5/16/2017 12:40	484800	73.231	17975	166.916	29408.85	33966.109	21.476	23096.957	34003	1.015	14.78
5/16/2017 12:45	485100	73.209	17975	166.865	29391.134	33945.648	21.462	23083.043	34024	1.015	14.78
5/16/2017 12:50	485400	73.211	17975	166.871	29424.346	33984.332	21.489	23109.346	33985	1.015	14.78
5/16/2017 12:55	485700	73.229	17975	166.911	29405.418	33962.285	21.474	23094.355	34007	1.015	14.78
5/16/2017 13:00	486000	73.237	17975	166.929	29406.025	33963.313	21.474	23095.055	34007	1.015	14.78
5/16/2017 13:05	486300	73.23	17975	166.914	29407.301	33964.582	21.475	23095.916	34005	1.015	14.781
5/16/2017 13:10	486600	73.231	17975	166.917	29406.336	33964.289	21.475	23095.719	34006	1.015	14.782
5/16/2017 13:15	486900	73.217	17975	166.883	29413.645	33971.785	21.48	23100.814	33998	1.015	14.783
5/16/2017 13:20	487200	73.236	17975	166.928	29418.389	33977.191	21.484	23104.492	33992	1.015	14.78
5/16/2017 13:25	487500	73.243	17975	166.943	29409.662	33967.637	21.477	23097.996	34002	1.015	14.78
5/16/2017 13:30	487800	73.239	17975	166.933	29407.131	33964.449	21.475	23095.826	34005	1.015	14.778
5/16/2017 13:35	488100	73.237	17975	166.931	29417.686	33976.379	21.484	23103.939	33993	1.015	14.78
5/16/2017 13:40	488400	73.24	17975	166.937	29418.467	33977.809	21.484	23104.912	33992	1.015	14.782
5/16/2017 13:45	488700	73.246	17975	166.94	29418.518	33977.602	21.484	23104.771	33992	1.015	14.784
5/16/2017 13:50	489000	73.224	17975	166.899	29422.48	33981.918	21.487	23107.707	33988	1.015	14.784
5/16/2017 13:55	489300	73.239	17975	166.934	29418.328	33977.445	21.484	23104.664	33992	1.015	14.784
5/16/2017 14:00	489600	73.246	17975	166.95	29394.027	33949.316	21.465	23085.537	34021	1.015	14.784
5/16/2017 14:05	489900	73.242	17975	166.941	29413.945	33972.383	21.481	23101.221	33997	1.015	14.784
5/16/2017 14:10	490200	73.245	17975	166.948	29405.703	33962.996	21.474	23094.84	34007	1.015	14.785
5/16/2017 14:15	490500	73.227	17975	166.908	29402.803	33959.129	21.473	23092.209	34.71	1.015	14.789
5/16/2017 14:20	490800	73.243	17975	166.944	29406.811	33963.82	21.475	23095.4	34006	1.015	14.785
5/16/2017 14:25	491100	73.228	17975	166.909	29393.105	33948.066	21.464	23084.686	34022	1.015	14.784
5/16/2017 14:30	491400	73.246	17974	166.951	29420.725	33980.613	21.486	23106.816	33.99	1.015	14.784
5/16/2017 14:35	491700	73.229	17975	166.912	29405.566	33962.781	21.474	23094.691	34007	1.015	14.784
5/16/2017 14:40	492000	73.246	17975	166.951	29422.41	33981.91	21.487	23107.701	33988	1.015	14.784
5/16/2017 14:45	492300	73.234	17975	166.924	29398.6	33954.93	21.469	23089.354	34015	1.015	14.784
5/16/2017 14:50	492600	73.235	17975	166.926	29409.305	33966.832	21.477	23097.447	34003	1.015	14.784
5/16/2017 14:55	492900	73.26	17975	166.982	29407.582	33964.711	21.475	23096.004	34005	1.015	14.784
5/16/2017 15:00	493200	73.256	17975	166.973	29410.318	33968.27	21.478	23098.426	34002	1.015	14.784
5/16/2017 15:05	493500	73.26	17975	166.983	29410.205	33968	21.478	23098.242	34002	1.015	14.783
5/16/2017 15:10	493800	73.266	17975	166.996	29405.717	33962.879	21.474	23094.76	34007	1.015	14.782
5/16/2017 15:15	494100	73.243	17975	166.945	293978.285	33978.285	21.485	23105.236	33992	1.015	14.781
5/16/2017 15:20	494400	73.264	17975	166.991	29409.275	33966.602	21.477	23097.289	34003	1.015	14.781
5/16/2017 15:25	494700	73.247	17975	166.953	29408.781	33966.496	21.477	23097.217	34003	1.015	14.782
5/16/2017 15:30	495000	73.265	17975	166.993	29406.816	33964.227	21.475	23095.674	34006	1.015	14.782
5/16/2017 15:35	495300	73.267	17975	166.998	29405.75	33962.855	21.474	23094.744	34007	1.015	14.783
5/16/2017 15:40	495600	73.26	17975	166.981	29401.391	33957.883	21.471	23091.361	34012	1.015	14.784
5/16/2017 15:45	495900	73.263	17975	166.989	29399.418	33955.48	21.469	23089.727	34014	1.015	14.786
5/16/2017 15:50	496200	73.266	17975	166.995	29399.674	33955.902	21.469	23090.016	34016	1.015	14.783
5/16/2017 15:55	496500	73.27	17975	167.006	29425.744	33985.949	21.49	23110.447	33984	1.015	14.78
5/16/2017 16:00	496800	73.258	17975	166.977	29415.891	33974.832	21.482	23102.889	33995	1.015	14.777
5/16/2017 16:05	497100	73.257	17975	166.975	29405.068	33961.809	21.473	23094.031	34008	1.015	14.778
5/16/2017 16:10	497400	73.28	17975	167.027	29421.141	33980.5	21.486	23106.74	33989	1.015	14.779
5/16/2017 16:15	497700	73.255	17975	166.971	29418.557	33977.461	21.484	23104.676	33992	1.015	14.78
5/16/2017 16:20	498000	73.259	17975	166.98	29405.32	33962.414	21.474	23094.414	34007	1.015	14.784
5/16/2017 16:25	498300	73.28	17975	167.028	29413.674	33971.875	21.48	23100.875	33998	1.015	14.777
5/16/2017 16:30	498600	73.285	17975	167.038	29399.963	33956.109	21.469	23090.154	34014	1.015	14.775
5/16/2017 16:35	498900	73.282	17975	167.032	29424.186	33984.211	21.489	23109.264	33986	1.015	14.775
5/16/2017 16:40	499200	73.282	17975	167.032	29417.275	33975.906	21.483	23103.619	33994	1.015	14.776
5/16/2017 16:45	499500	73.286	17975	167.042	29406.893	33964.176	21.475	23095.643	34006	1.015	14.776
5/16/2017 16:50	499800	73.286	17975	167.04	29413.525	33971.648	21.48	23100.721	33998	1.015	14.78
5/16/2017 16:55	500100	73.283	17974	167.035	29399.17	33955.652	21.469	23089.846	34015	1.015	14.775
5/16/2017 17:00	500400	73.287	17975	167.043	29414.037	33972.492	21.481	23101.295	33997	1.015	14.774
5/16/2017 17:05	500700	73.271	17975	167.006	29412.193	33970.109	21.479	23099.674	34	1.015	14.776
5/16/2017 17:10	501000	73.289	17975	167.049	29395.918	33951.563	21.466	23087.063	34018	1.015	14.777
5/16/2017 17:15	501300	73.275	17975	167.015	29412.609	33970.516	21.479	23099.953	33999	1.015	14.778
5/16/2017 17:20	501600	73.29	17975	167.051	29397.462	33974.602	21.482	23102.594	33995	1.015	14.784
5/16/2017 17:25	501900	73.293	17975	167.056	29400.402	33956.945	21.47	23090.723	34013	1.015	14.775
5/16/2017 17:30	502200	73.277	17975	167.02	29417.887	33976.742	21.484	23104.188	33993	1.015	14.774
5/16/2017 17:35	502500	73.277	17975	167.02	29408.334	33965.652	21.476	23096.645	34004	1.015	14.776
5/16/2017 17:40	502800	73.275	17975	167.016	29422.961	33982.602	21.488	23108.172	33987	1.015	14.778
5/16/2017 17:45	503100	73.29	17975	167.051	29418.129	33976.965	21.484	23104.338	33993	1.015	14.78
5/16/2017 17:50	503400	73.29	17975	167.049	29405.77	33962.944	21.474	23098.484	34007	1.015	14.781
5/16/2017 17:55	503700	73.291	17975	167.053	29399.393	33955.328	21.469	23089.625	34014	1.015	14.781
5/16/2017 18:00	504000	73.29</									

5/17/2017 4:50	543000	73.349	17974	167.186	29426.521	33987.18	21.491	23111.285	33.983	1.015	14.754
5/17/2017 4:55	543000	73.327	17975	167.135	29410.412	33967.98	21.478	23088.229	34.002	1.015	14.753
5/17/2017 5:00	543600	73.35	17975	167.187	29428.809	33989.551	21.493	23112.896	33.98	1.015	14.751
5/17/2017 5:05	543900	73.343	17975	167.172	29411.645	33969.281	21.479	23099.111	34	1.015	14.751
5/17/2017 5:10	544200	73.345	17975	167.177	29413.998	33972.121	21.481	23101.043	33.997	1.015	14.751
5/17/2017 5:15	544500	73.326	17974	167.133	29411.172	33969.512	21.479	23099.268	34.001	1.015	14.751
5/17/2017 5:20	544800	73.348	17975	167.182	29420.252	33979.543	21.486	23106.09	33.99	1.015	14.752
5/17/2017 5:25	545100	73.324	17975	167.128	29428.186	33988.508	21.492	23112.186	33.981	1.015	14.752
5/17/2017 5:30	545400	73.339	17975	167.162	29428.516	33989.344	21.493	23112.754	33.981	1.015	14.753
5/17/2017 5:35	545700	73.316	17975	167.109	29411.346	33969.32	21.479	23099.141	34	1.015	14.753
5/17/2017 5:40	546000	73.339	17975	167.162	29416.264	33975.262	21.483	23103.178	33.995	1.015	14.754
5/17/2017 5:45	546300	73.318	17975	167.113	29410.813	33968.969	21.478	23098.9	34.001	1.015	14.754
5/17/2017 5:50	546600	73.314	17975	167.104	29407.465	33964.898	21.476	23096.133	34.005	1.015	14.756
5/17/2017 5:55	546900	73.33	17974	167.142	29401.66	33958.723	21.471	23091.932	34.012	1.015	14.757
5/17/2017 6:00	547200	73.306	17975	167.087	29424.127	33984.02	21.489	23109.135	33.986	1.015	14.759
5/17/2017 6:05	547500	73.307	17975	167.089	29418.557	33977.785	21.484	23104.896	33.992	1.015	14.757
5/17/2017 6:10	547800	73.325	17975	167.13	29420.504	33979.832	21.486	23106.287	33.99	1.015	14.754
5/17/2017 6:15	548100	73.327	17975	167.135	29412.395	33970.207	21.479	23099.74	33.999	1.015	14.751
5/17/2017 6:20	548400	73.31	17974	167.096	29430.943	33992.285	21.495	23114.756	33.978	1.015	14.753
5/17/2017 6:25	548700	73.301	17975	167.076	29417.479	33976.402	21.484	23103.955	33.993	1.015	14.754
5/17/2017 6:30	549000	73.321	17975	167.122	29414.854	33973.508	21.482	23101.988	33.996	1.015	14.755
5/17/2017 6:35	549300	73.316	17975	167.11	29428.953	33989.523	21.493	23112.879	33.98	1.015	14.756
5/17/2017 6:40	549600	73.313	17975	167.104	29403.789	33960.73	21.473	23093.299	34.009	1.015	14.757
5/17/2017 6:45	549900	73.308	17975	167.092	29420.611	33980.082	21.486	23106.457	33.99	1.015	14.757
5/17/2017 6:50	550200	73.292	17975	167.055	29417.996	33977	21.484	23104.361	33.993	1.015	14.756
5/17/2017 6:55	550500	73.31	17975	167.097	29407.838	33965.266	21.476	23096.383	34.005	1.015	14.756
5/17/2017 7:00	550800	73.29	17975	167.05	29413.016	33971.184	21.48	23100.404	33.999	1.015	14.755
5/17/2017 7:05	551100	73.285	17975	167.039	29408.188	33965.672	21.476	23096.656	34.004	1.015	14.755
5/17/2017 7:10	551400	73.305	17975	167.085	29403.766	33960.758	21.473	23093.316	34.009	1.015	14.756
5/17/2017 7:15	551700	73.284	17975	167.038	29420.232	33979.582	21.486	23106.117	33.99	1.015	14.756
5/17/2017 7:20	552000	73.297	17975	167.067	29415.9	33974.195	21.482	23102.455	33.995	1.015	14.759
5/17/2017 7:25	552300	73.275	17975	167.015	29416.486	33975.395	21.483	23103.27	33.995	1.015	14.761
5/17/2017 7:30	552600	73.294	17975	167.059	29416.758	33975.633	21.483	23103.432	33.994	1.015	14.763
5/17/2017 7:35	552900	73.29	17975	167.051	29431.961	33993.191	21.495	23115.371	33.977	1.015	14.763
5/17/2017 7:40	553200	73.285	17975	167.04	29417.246	33976.273	21.483	23103.867	33.994	1.015	14.764
5/17/2017 7:45	553500	73.285	17975	167.039	29425.949	33986.184	21.489	23110.607	33.984	1.015	14.764
5/17/2017 7:50	553800	73.278	17975	167.024	29438.677	33986.477	21.483	23102.805	33.983	1.015	14.765
5/17/2017 7:55	554100	73.278	17975	167.022	29423.475	33983.328	21.488	23108.666	33.986	1.015	14.766
5/17/2017 8:00	554400	73.256	17975	166.974	29423.445	33983.355	21.488	23108.684	33.987	1.015	14.768
5/17/2017 8:05	554700	73.278	17976	167.023	29398.455	33953.973	21.468	23088.703	34.015	1.015	14.766
5/17/2017 8:10	555000	73.269	17975	167.003	29425.619	33985.805	21.49	23110.35	33.984	1.015	14.765
5/17/2017 8:15	555300	73.271	17975	167.006	29415.492	33973.922	21.482	23102.268	33.996	1.015	14.764
5/17/2017 8:20	555600	73.249	17975	166.967	29416.998	33975.715	21.483	23103.486	33.994	1.015	14.765
5/17/2017 8:25	555900	73.269	17975	167.003	29418.328	33977.059	21.484	23104.4	33.992	1.015	14.766
5/17/2017 8:30	556200	73.239	17975	166.935	29400.01	33956.039	21.469	23090.109	34.014	1.015	14.767
5/17/2017 8:35	556500	73.257	17975	166.976	29437.594	33999.633	21.5	23119.75	33.97	1.015	14.765
5/17/2017 8:40	556800	73.259	17975	166.98	29397.959	33953.922	21.468	23088.668	34.016	1.015	14.763
5/17/2017 8:45	557100	73.261	17975	166.984	29420.016	33979.145	21.485	23105.82	33.99	1.015	14.762
5/17/2017 8:50	557400	73.253	17975	166.967	29411.141	33969.67	21.478	23108.934	34.001	1.015	14.76
5/17/2017 8:55	557700	73.253	17975	166.966	29423.766	33983.531	21.488	23108.803	33.986	1.015	14.758
5/17/2017 9:00	558000	73.255	17975	166.97	29419.854	33979.145	21.485	23105.82	33.991	1.015	14.757
5/17/2017 9:05	558300	73.233	17975	166.921	29419.943	33979.117	21.485	23105.803	33.991	1.015	14.759
5/17/2017 9:10	558600	73.244	17976	166.946	29420.646	33979.543	21.486	23106.09	33.99	1.015	14.761
5/17/2017 9:15	558900	73.241	17975	166.938	29418.863	33978.266	21.485	23105.223	33.992	1.015	14.763
5/17/2017 9:20	559200	73.217	17975	166.884	29409.25	33966.711	21.477	23097.365	34.003	1.015	14.764
5/17/2017 9:25	559500	73.238	17975	166.932	29416.775	33975.328	21.482	23102.225	33.994	1.015	14.764
5/17/2017 9:30	559800	73.213	17975	166.875	29429.299	33990.055	21.493	23113.24	33.98	1.015	14.765
5/17/2017 9:35	560100	73.233	17975	166.922	29413.158	33971.551	21.48	23106.654	33.998	1.015	14.764
5/17/2017 9:40	560400	73.215	17975	166.879	29422.027	33981.469	21.487	23107.398	33.988	1.015	14.763
5/17/2017 9:45	560700	73.208	17975	166.863	29423.727	33983.555	21.489	23108.82	33.986	1.015	14.762
5/17/2017 9:50	561000	73.222	17975	166.896	29418.207	33977.055	21.484	23104.396	33.993	1.015	14.765
5/17/2017 9:55	561300	73.215	17975	166.879	29416.814	33975.57	21.483	23103.391	33.994	1.015	14.764
5/17/2017 10:00	561600	73.194	17975	166.832	29418.904	33977.785	21.485	23104.896	33.992	1.015	14.77
5/17/2017 10:05	561900	73.211	17976	166.87	29407.184	33964.055	21.475	23095.559	34.005	1.015	14.771
5/17/2017 10:10	562200	73.216	17975	166.882	29411.008	33968.93	21.478	23098.875	34.001	1.015	14.771
5/17/2017 10:15	562500	73.207	17975	166.861	29428.787	33989.398	21.493	23112.793	33.98	1.015	14.771
5/17/2017 10:20	562800	73.183	17975	166.807	29404.234	33961.301	21.473	23093.688	34.009	1.015	14.768
5/17/2017 10:25	563100	73.188	17975	166.864	29406.23	33963.473	21.475	23095.164	34.006	1.015	14.769
5/17/2017 10:30	563400	73.205	17976	166.857	29414.572	33972.586	21.481	23101.359	33.997	1.015	14.762
5/17/2017 10:35	563700	73.204	17975	166.854	29414.857	33973.113	21.481	23101.717	33.996	1.015	14.765
5/17/2017 10:40	564000	73.203	17975	166.853	29411.619	33969.699	21.479	23099.398	34	1.015	14.767
5/17/2017 10:45	564300	73.198	17975	166.84	29427.143	33987.301	21.491	23111.367	33.982	1.015	14.77
5/17/2017 10:50	564600	73.179	17975	166.797	29405.641	33962.73	21.474	23094.658	34.007	1.015	14.769
5/17/2017 10:55	564900	73.182	17975	166.826	29420.863	33980.18	21.486	23105.523	33.989	1.015	14.768
5/17/2017 11:00	565200	73.177	17975	166.792	29406.729	33964.125	21.475	23095.605	34.006	1.015	14.766
5/17/2017 11:05	565500	73.19	17975	166.822	29423.162	33983.031	21.488	23108.461	33.987	1.015	14.768
5/17/2017 11:10	565800	73.193	17975	166.831	29420.133	33979.605	21.486	23106.135	33.99	1.015	14.769
5/17/2017 11:15	566100	73.189	17975	166.821	29414.969	33973.441	21.481	23101.939	33.996	1.015	14.771
5/17/2017 11:20	566400	73.185	17975	166.812	29409.166	33966.996	21.477	23097.557	34.003	1.015	14.771
5/17/2017 11:25	566700	73.189	17975	166.82	29378.628	33975.82	21.485	23105.473	33.991	1.015	14.77
5/17/2017 11:30	567000	73.182	17975	166.804	29407.611	33964.941	21.476	23096.16	34.005	1.015	14.77
5/17/2017 11:35	567300	73.178	17975	166.796	29405.16	33962.176	21.474	23094.2			

5/17/2017 22:25	606300	73.238	17.975	166.931	29432.549	33993.809	21.496	23115.791	33.976	1.015	14.741
5/17/2017 22:30	606600	73.238	17.975	166.933	29415.143	33973.766	21.482	23102.162	33.996	1.015	14.742
5/17/2017 22:35	606900	73.262	17.975	166.988	29419.41	33978.445	21.485	23105.346	33.991	1.015	14.742
5/17/2017 22:40	607200	73.264	17.975	166.991	29421.508	33980.867	21.487	23106.99	33.989	1.015	14.741
5/17/2017 22:45	607500	73.242	17.975	166.941	29416.986	33975.898	21.483	23103.613	33.994	1.015	14.741
5/17/2017 22:50	607800	73.242	17.975	166.941	29428.668	33989.59	21.493	23112.922	33.98	1.015	14.742
5/17/2017 22:55	608100	73.257	17.975	166.976	29418.219	33977.32	21.484	23104.58	33.993	1.015	14.743
5/17/2017 23:00	608400	73.262	17.975	166.986	29424.807	33984.867	21.489	23109.711	33.985	1.015	14.744
5/17/2017 23:05	608700	73.27	17.975	167.004	29416.646	33975.18	21.483	23103.125	33.994	1.015	14.741
5/17/2017 23:10	609000	73.266	17.975	166.996	29420.035	33979.551	21.486	23106.096	33.99	1.015	14.739
5/17/2017 23:15	609300	73.271	17.975	167.008	29425.949	33986	21.49	23110.48	33.984	1.015	14.737
5/17/2017 23:20	609600	73.268	17.975	167.001	29438.689	34001.094	21.501	23120.744	33.969	1.015	14.737
5/17/2017 23:25	609900	73.268	17.975	167	29424.086	33983.902	21.489	23109.057	33.986	1.015	14.736
5/17/2017 23:30	610200	73.248	17.975	166.955	29422.51	33982.406	21.488	23108.037	33.988	1.015	14.736
5/17/2017 23:35	610500	73.244	17.975	166.947	29410.252	33967.992	21.478	23098.236	34.002	1.015	14.736
5/17/2017 23:40	610800	73.268	17.975	167.001	29424.205	33983.91	21.489	23109.061	33.986	1.015	14.736
5/17/2017 23:45	611100	73.252	17.975	166.965	29411.33	33969.238	21.479	23099.082	34.001	1.015	14.736
5/17/2017 23:50	611400	73.271	17.975	167.006	29414.523	33972.727	21.481	23101.455	33.997	1.015	14.737
5/17/2017 23:55	611700	73.266	17.975	166.996	29427.945	33988.629	21.492	23112.268	33.981	1.015	14.739

Report Date: 5/19/2017 8:54
Report User Name: AVanHaitsma
Report Computer Name: WKST34
Application: WinSitu.exe
Application Version: 5.6.25.0

Log File Properties
File Name MPWSP MW-45 LT Test_2017-05-18_18-51-49-986-BaroMerge.wsl
Create Date 5/19/2017 8:52

Device Properties
Device Aqua TROLL 200
Site MPWSP MW-45
Device Name
Serial Number 499043
Firmware Version 2.01
Hardware Version 4
Device Address 1
Device Comm Cfg 19200 8 Even 1 (Modbus-RTU)
Used Memory 0
Used Battery 1

Log Configuration
Log Name MPWSP MW-45 LT Test
Created By WMassoll
Computer Name PROBOOK2
Application WinSitu.exe
Application Version 5.6.27.1
Create Date 4/7/2017 3:13:17 PM Pacific Daylight Time
Log Setup Time Zone Pacific Daylight Time
Notes Size(bytes) 4096
Overwrite when full Enabled
Scheduled Start Time 4/7/2017 3:30:00 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: 63.6528 (ft)
Head Pressure: 27.9263 (PSI)
Temperature: 17.7386 (C)
Specific Conductivity Model: Standard Methods
Reference Temperature: 25
Temperature Coefficient: 0.0191
TDS Factor: 0.68

Log Notes:
Date and Time Note
4/7/2017 15:13 Used Battery: 1% Used Memory: 3% User Name: WMassoll
4/13/2017 18:40 Log Download - Used Battery: 1% Used Memory: 4% User Name: WMassoll Interval - Start Time: 4/7/2017 3:30:00 PM Stop Time: 4/13/2017 8:40:00 PM
4/20/2017 7:04 Log Download - Used Battery: 2% Used Memory: 6% User Name: WVanHaitsma Interval - Start Time: 4/12/2017 10:00:00 PM Stop Time: 4/20/2017 8:00:00 AM
4/27/2017 18:47 Log Download - Used Battery: 3% Used Memory: 9% User Name: WMassoll Interval - Start Time: 4/19/2017 10:00:00 PM Stop Time: 4/27/2017 7:45:00 PM
5/4/2017 12:48 Log Download - Used Battery: 4% Used Memory: 12% User Name: AVanHaitsma Interval - Start Time: 3/31/2017 10:00:00 PM Stop Time: 5/4/2017 1:45:00 PM
5/11/2017 7:12 Log Download - Used Battery: 4% Used Memory: 14% User Name: AVanHaitsma Interval - Start Time: 5/3/2017 10:00:00 PM Stop Time: 5/11/2017 1:45:00 PM
5/18/2017 18:50 Log Download - Used Battery: 5% Used Memory: 17% User Name: WMassoll Interval - Start Time: 5/10/2017 10:00:00 PM Stop Time: 5/18/2017 7:50:00 PM
5/19/2017 8:52 User Note: "Pressure & Level adjusted by baro data from: "MPWSP Barotroll_2017-05-18_18-53-25-090.wsl""

Log Data:
Record Count 2266

Sensors 2
1 499043 PCTD 30 PSIA (10.9m/35.8ft)
2 0 Baro-Adjustment Calc

Time Zone: Pacific Daylight Time

Sensor: PCTD(A) 35.8ft SNR: 499043												Sensor: PCTD(A) 35.8ft SNR: 499043												Sensor: PCTD(A) 35.8ft SNR: 499043												Sensor: PCTD(A) 35.8ft SNR: 499043												Sensor: PCTD(A) 35.8ft SNR: 499043												Sensor: PCTD(A) 35.8ft SNR: 499043												Sensor: PCTD(A) 35.8ft SNR: 499043												Sensor: PCTD(A) 35.8ft SNR: 499043												Sensor: PCTD(A) 35.8ft SNR: 499043												Sensor: PCTD(A) 35.8ft SNR: 499043												Sensor: PCTD(A) 35.8ft SNR: 499043												Sensor: PCTD(A) 35.8ft SNR: 499043												Sensor: PCTD(A) 35.8ft SNR: 499043												Sensor: PCTD(A) 35.8ft SNR: 499043												Sensor: PCTD(A) 35.8ft SNR: 499043												Sensor: PCTD(A) 35.8ft SNR: 499043												Sensor: PCTD(A) 35.8ft SNR: 499043												Sensor: PCTD(A) 35.8ft SNR: 499043												Sensor: PCTD(A) 35.8ft SNR: 499043												Sensor: PCTD(A) 35.8ft SNR: 499043												Sensor: PCTD(A) 35.8ft SNR: 499043												Sensor: PCTD(A) 35.8ft SNR: 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5/11/2017 10:35	45300	13.356	17.729	30.442	4331.538	5030.134	2.728	3.42	230.865	1.001	14.816
5/11/2017 10:40	45600	13.364	17.729	30.461	4329.206	5027.416	2.727	3.419	230.989	1.001	14.815
5/11/2017 10:45	45900	13.36	17.728	30.451	4328.839	5027.03	2.726	3.418	231.009	1.001	14.814
5/11/2017 10:50	46200	13.36	17.729	30.452	4328.154	5026.214	2.726	3.418	231.045	1.001	14.812
5/11/2017 10:55	46500	13.363	17.729	30.459	4325.8	5023.452	2.724	3.416	231.171	1.001	14.811
5/11/2017 11:00	46800	13.362	17.729	30.457	4323.626	5020.947	2.723	3.414	231.287	1.001	14.809
5/11/2017 11:05	47100	13.363	17.729	30.457	4321.495	5018.331	2.723	3.415	231.265	1.001	14.811
5/11/2017 11:10	47400	13.361	17.729	30.454	4322.33	5019.422	2.722	3.413	231.357	1.001	14.813
5/11/2017 11:15	47700	13.359	17.729	30.449	4319.314	5015.928	2.72	3.411	231.518	1.001	14.815
5/11/2017 11:20	48000	13.358	17.729	30.447	4319.1	5015.68	2.72	3.411	231.53	1.001	14.815
5/11/2017 11:25	48300	13.357	17.729	30.445	4317.376	5013.689	2.719	3.409	231.622	1.001	14.816
5/11/2017 11:30	48600	13.358	17.729	30.446	4316.016	5011.079	2.718	3.408	231.695	1.001	14.816
5/11/2017 11:35	48900	13.356	17.729	30.443	4315.769	5011.803	2.718	3.408	231.738	1.001	14.818
5/11/2017 11:40	49200	13.353	17.729	30.436	4313.163	5008.806	2.716	3.406	231.848	1.001	14.82
5/11/2017 11:45	49500	13.351	17.729	30.432	4312.449	5007.917	2.715	3.405	231.887	1.001	14.822
5/11/2017 11:50	49800	13.355	17.729	30.44	4310.827	5006.083	2.714	3.404	231.974	1.001	14.819
5/11/2017 11:55	50100	13.359	17.729	30.449	4311.759	5007.146	2.715	3.405	231.924	1.001	14.815
5/11/2017 12:00	50400	13.362	17.729	30.456	4309.577	5004.563	2.713	3.403	232.041	1.001	14.812
5/11/2017 12:05	50700	13.361	17.729	30.454	4309.71	5004.717	2.714	3.403	232.034	1.001	14.813
5/11/2017 12:10	51000	13.361	17.729	30.454	4306.774	5001.386	2.712	3.401	232.192	1.001	14.813
5/11/2017 12:15	51300	13.362	17.729	30.456	4306.231	5000.727	2.711	3.4	232.222	1.001	14.814
5/11/2017 12:20	51600	13.356	17.729	30.443	4304.721	4998.973	2.71	3.399	232.303	1.001	14.816
5/11/2017 12:25	51900	13.356	17.729	30.443	4303.833	4997.98	2.71	3.399	232.351	1.001	14.818
5/11/2017 12:30	52200	13.354	17.729	30.439	4303.423	4997.446	2.709	3.398	232.373	1.001	14.821
5/11/2017 12:35	52500	13.355	17.729	30.445	4303.367	4997.371	2.709	3.398	232.376	1.001	14.819
5/11/2017 12:40	52800	13.355	17.729	30.439	4301.487	4995.206	2.708	3.397	232.478	1.001	14.818
5/11/2017 12:45	53100	13.356	17.729	30.442	4300.928	4994.588	2.708	3.396	232.508	1.001	14.817
5/11/2017 12:50	53400	13.355	17.729	30.441	4301.304	4995.034	2.708	3.397	232.488	1.001	14.817
5/11/2017 12:55	53700	13.355	17.729	30.441	4300.768	4994.391	2.708	3.396	232.517	1.001	14.817
5/11/2017 13:00	54000	13.355	17.729	30.441	4299.755	4991.755	2.706	3.394	232.64	1.001	14.817
5/11/2017 13:05	54300	13.356	17.729	30.443	4299.433	4992.792	2.707	3.395	232.589	1.001	14.816
5/11/2017 13:10	54600	13.356	17.729	30.443	4298.007	4991.206	2.706	3.394	232.666	1.001	14.815
5/11/2017 13:15	54900	13.358	17.729	30.447	4296.79	4989.771	2.705	3.393	232.732	1.001	14.814
5/11/2017 13:20	55200	13.357	17.729	30.446	4297.437	4990.503	2.705	3.394	232.697	1.001	14.815
5/11/2017 13:25	55500	13.354	17.729	30.438	4295.634	4988.41	2.704	3.392	232.794	1.001	14.816
5/11/2017 13:30	55800	13.353	17.729	30.436	4294.824	4987.518	2.704	3.392	232.838	1.001	14.817
5/11/2017 13:35	56100	13.354	17.729	30.437	4295.568	4989.494	2.705	3.393	232.744	1.001	14.814
5/11/2017 13:40	56400	13.356	17.728	30.443	4295.643	4988.479	2.704	3.392	232.794	1.001	14.815
5/11/2017 13:45	56700	13.357	17.729	30.444	4294.57	4987.223	2.703	3.391	232.852	1.001	14.814
5/11/2017 13:50	57000	13.357	17.728	30.444	4294.45	4987.093	2.703	3.391	232.859	1.001	14.815
5/11/2017 13:55	57300	13.354	17.729	30.438	4293.543	4985.973	2.703	3.39	232.908	1.001	14.816
5/11/2017 14:00	57600	13.354	17.728	30.437	4293.484	4985.992	2.703	3.39	232.911	1.001	14.817
5/11/2017 14:05	57900	13.354	17.729	30.454	4292.147	4984.4	2.702	3.389	232.984	1.001	14.814
5/11/2017 14:10	58200	13.36	17.729	30.451	4291.333	4983.455	2.701	3.389	233.028	1.001	14.811
5/11/2017 14:15	58500	13.363	17.729	30.459	4291.123	4983.21	2.701	3.389	233.039	1.001	14.807
5/11/2017 14:20	58800	13.361	17.729	30.455	4290.469	4982.46	2.701	3.388	233.075	1.001	14.809
5/11/2017 14:25	59100	13.359	17.729	30.45	4291.878	4984.088	2.702	3.389	232.998	1.001	14.81
5/11/2017 14:30	59400	13.359	17.729	30.45	4290.655	4982.667	2.701	3.388	233.065	1.001	14.811
5/11/2017 14:35	59700	13.358	17.729	30.446	4290.49	4982.447	2.702	3.388	233.074	1.001	14.813
5/11/2017 14:40	60000	13.355	17.729	30.44	4288.742	4980.446	2.7	3.387	233.169	1.001	14.814
5/11/2017 14:45	60300	13.355	17.728	30.441	4289.468	4981.308	2.7	3.387	233.129	1.001	14.815
5/11/2017 14:50	60600	13.353	17.728	30.435	4289.095	4980.884	2.7	3.387	233.149	1.001	14.815
5/11/2017 14:55	60900	13.352	17.729	30.434	4286.834	4978.221	2.698	3.385	233.272	1.001	14.815
5/11/2017 15:00	61200	13.353	17.729	30.435	4288.138	4979.754	2.699	3.386	233.201	1.001	14.814
5/11/2017 15:05	61500	13.351	17.729	30.431	4287.419	4978.918	2.699	3.386	233.241	1.001	14.812
5/11/2017 15:10	61800	13.354	17.728	30.438	4287.555	4979.087	2.699	3.386	233.233	1.001	14.81
5/11/2017 15:15	62100	13.356	17.729	30.443	4286.862	4978.223	2.698	3.385	233.271	1.001	14.808
5/11/2017 15:20	62400	13.354	17.729	30.437	4287.074	4978.5	2.698	3.385	233.259	1.001	14.808
5/11/2017 15:25	62700	13.353	17.729	30.436	4285.363	4976.501	2.697	3.384	233.352	1.001	14.808
5/11/2017 15:30	63000	13.354	17.729	30.437	4285.348	4976.495	2.697	3.384	233.353	1.001	14.809
5/11/2017 15:35	63300	13.355	17.728	30.44	4286.003	4977.285	2.698	3.385	233.318	1.001	14.808
5/11/2017 15:40	63600	13.355	17.729	30.445	4284.75	4975.751	2.697	3.384	233.386	1.001	14.804
5/11/2017 15:45	63900	13.355	17.729	30.44	4284.291	4975.248	2.697	3.383	233.411	1.001	14.807
5/11/2017 15:50	64200	13.355	17.729	30.44	4285.134	4976.265	2.697	3.384	233.365	1.001	14.807
5/11/2017 15:55	64500	13.353	17.728	30.437	4284.951	4976.082	2.697	3.384	233.375	1.001	14.806
5/11/2017 16:00	64800	13.353	17.729	30.435	4283.222	4974.026	2.696	3.382	233.469	1.001	14.806
5/11/2017 16:05	65100	13.351	17.729	30.432	4283.389	4974.208	2.696	3.382	233.46	1.001	14.807
5/11/2017 16:10	65400	13.351	17.729	30.431	4284.245	4975.224	2.695	3.383	233.413	1.001	14.807
5/11/2017 16:15	65700	13.35	17.729	30.429	4283.095	4973.897	2.696	3.382	233.476	1.001	14.808
5/11/2017 16:20	66000	13.352	17.729	30.434	4282.319	4972.996	2.695	3.382	233.518	1.001	14.806
5/11/2017 16:25	66300	13.353	17.728	30.436	4282.132	4972.808	2.695	3.382	233.529	1.001	14.803
5/11/2017 16:30	66600	13.355	17.729	30.441	4282.039	4972.661	2.695	3.381	233.534	1.001	14.801
5/11/2017 16:35	66900	13.354	17.729	30.437	4282.494	4973.199	2.695	3.382	233.509	1.001	14.8
5/11/2017 16:40	67200	13.356	17.728	30.443	4282.267	4972.945	2.695	3.382	233.521	1.001	14.799
5/11/2017 16:45	67500	13.357	17.729	30.445	4281.021	4971.44	2.694	3.381	233.589	1.001	14.798
5/11/2017 16:50	67800	13.356	17.728	30.442	4280.812	4971.295	2.694	3.38	233.601	1.001	14.799
5/11/2017 16:55	68100	13.353	17.728	30.437	4280.455	4970.841	2.694	3.38	233.62	1.001	14.8
5/11/2017 17:00	68400	13.354	17.729	30.438	4280.725	4971.126	2.694	3.38	233.605	1.001	14.801
5/11/2017 17:05	68700	13.356	17.728	30.443	4281.723	4972.323	2.695	3.381	233.551	1.001	14.8
5/11/2017 17:10	69000	13.356	17.729	30.443	4279.896	4970.221	2.694	3.38	233.651	1.001	14.799
5/11/2017 17:15	69300	13.357	17.729	30.445	4281.029	4971.488	2.694	3.38	233.589	1.001	14.797
5/11/2017 17:20	69600	13.354	17.729	30.438	4279.506	4969.7	2.693	3.379	233.672	1.001	14.799
5/11/2017 17:25	69900	13.351	17.729	30.43	4280.291	4970.623	2.694	3.38	233.629	1.001	14.801
5/11/2017 17:30	70200	13.351	17.729	30.43	4280.499	4970.873	2.694	3.38	233.618	1.001	14.803
5/11/2017 17:35	70500	13.349	17.728	30.428	4279.014	4969.188	2.693	3.379	233.699	1.001	14.803
5/11/2017 17:40</											

5/12/2017 4:10	108600	13.354	17.727	30.438	4478.574	5201.136	2.827	3.537	233.285	1.001	14.803
5/12/2017 4:15	108900	13.357	17.727	30.444	4480.159	5202.896	2.828	3.538	233.206	1.001	14.802
5/12/2017 4:20	109200	13.353	17.727	30.437	4481.657	5204.666	2.829	3.539	233.132	1.001	14.805
5/12/2017 4:25	109500	13.353	17.727	30.435	4482.912	5206.073	2.83	3.54	233.069	1.001	14.808
5/12/2017 4:30	109800	13.35	17.727	30.428	4483.786	5207.129	2.83	3.541	233.026	1.001	14.811
5/12/2017 4:35	110100	13.35	17.727	30.429	4486.223	5209.948	2.832	3.543	232.905	1.001	14.81
5/12/2017 4:40	110400	13.351	17.727	30.431	4487.698	5211.642	2.831	3.544	232.841	1.001	14.811
5/12/2017 4:45	110700	13.351	17.727	30.431	4487.877	5211.869	2.833	3.544	232.823	1.001	14.809
5/12/2017 4:50	111000	13.353	17.727	30.436	4490.312	5214.677	2.835	3.546	232.702	1.001	14.808
5/12/2017 4:55	111300	13.354	17.727	30.438	4490.345	5214.726	2.835	3.546	222.7	1.001	14.807
5/12/2017 5:00	111600	13.354	17.728	30.439	4492.381	5217.04	2.836	3.548	222.599	1.001	14.806
5/12/2017 5:05	111900	13.353	17.728	30.436	4493.411	5218.235	2.837	3.548	222.548	1.001	14.808
5/12/2017 5:10	112200	13.354	17.728	30.437	4494.583	5219.617	2.838	3.549	222.49	1.001	14.809
5/12/2017 5:15	112500	13.353	17.727	30.436	4495.609	5220.86	2.838	3.55	222.439	1.001	14.81
5/12/2017 5:20	112800	13.351	17.727	30.43	4495.528	5220.735	2.838	3.55	222.443	1.001	14.81
5/12/2017 5:25	113100	13.351	17.728	30.432	4491.546	5216.061	2.836	3.547	222.64	1.001	14.811
5/12/2017 5:30	113400	13.351	17.728	30.431	4484.001	5207.288	2.831	3.541	223.015	1.001	14.812
5/12/2017 5:35	113700	13.351	17.728	30.432	4474.128	5195.822	2.824	3.533	223.507	1.001	14.811
5/12/2017 5:40	114000	13.352	17.728	30.436	4466.05	5186.421	2.818	3.527	223.911	1.001	14.811
5/12/2017 5:45	114300	13.355	17.728	30.44	4457.745	5176.775	2.813	3.52	224.329	1.001	14.811
5/12/2017 5:50	114600	13.355	17.728	30.439	4450.383	5168.186	2.808	3.514	224.7	1.001	14.811
5/12/2017 5:55	114900	13.355	17.728	30.44	4443.915	5160.695	2.804	3.509	225.027	1.001	14.81
5/12/2017 6:00	115200	13.354	17.728	30.438	4437.896	5153.695	2.8	3.505	225.332	1.001	14.81
5/12/2017 6:05	115500	13.353	17.729	30.434	4434.238	5149.387	2.797	3.502	225.518	1.001	14.812
5/12/2017 6:10	115800	13.353	17.729	30.436	4429.877	5144.244	2.794	3.498	225.74	1.001	14.814
5/12/2017 6:15	116100	13.35	17.728	30.429	4425.466	5139.331	2.791	3.495	225.965	1.001	14.817
5/12/2017 6:20	116400	13.353	17.728	30.435	4422.207	5135.497	2.789	3.492	226.131	1.001	14.816
5/12/2017 6:25	116700	13.352	17.728	30.433	4417.715	5130.249	2.786	3.489	226.361	1.001	14.815
5/12/2017 6:30	117000	13.353	17.728	30.436	4414.527	5126.567	2.784	3.486	226.525	1.001	14.814
5/12/2017 6:35	117300	13.353	17.729	30.435	4411.19	5122.643	2.782	3.483	226.696	1.001	14.815
5/12/2017 6:40	117600	13.353	17.729	30.436	4409.23	5120.938	2.781	3.482	226.772	1.001	14.816
5/12/2017 6:45	117900	13.353	17.729	30.436	4407.369	5118.214	2.779	3.48	226.893	1.001	14.817
5/12/2017 6:50	118200	13.353	17.729	30.436	4404.72	5115.108	2.777	3.478	227.029	1.001	14.817
5/12/2017 6:55	118500	13.352	17.728	30.434	4402.102	5112.118	2.776	3.476	227.164	1.001	14.817
5/12/2017 7:00	118800	13.354	17.728	30.439	4399.811	5109.478	2.774	3.474	227.282	1.001	14.817
5/12/2017 7:05	119100	13.353	17.728	30.436	4396.345	5105.463	2.772	3.472	227.462	1.001	14.816
5/12/2017 7:10	119400	13.356	17.729	30.441	4395.421	5104.33	2.771	3.471	227.509	1.001	14.819
5/12/2017 7:15	119700	13.355	17.729	30.441	4391.908	5100.221	2.769	3.468	227.691	1.001	14.815
5/12/2017 7:20	120000	13.354	17.729	30.437	4391.362	5099.557	2.768	3.468	227.72	1.001	14.816
5/12/2017 7:25	120300	13.354	17.729	30.437	4389.307	5097.22	2.767	3.466	227.826	1.001	14.817
5/12/2017 7:30	120600	13.351	17.729	30.432	4387.372	5094.962	2.766	3.465	227.927	1.001	14.818
5/12/2017 7:35	120900	13.35	17.728	30.428	4385.222	5092.515	2.764	3.463	228.039	1.001	14.818
5/12/2017 7:40	121200	13.35	17.729	30.429	4383.489	5090.429	2.763	3.462	228.129	1.001	14.818
5/12/2017 7:45	121500	13.349	17.729	30.427	4381.715	5088.423	2.762	3.46	228.221	1.001	14.818
5/12/2017 7:50	121800	13.35	17.729	30.429	4379.733	5086.122	2.761	3.459	228.324	1.001	14.818
5/12/2017 7:55	122100	13.349	17.729	30.427	4376.55	5082.425	2.758	3.456	228.49	1.001	14.818
5/12/2017 8:00	122400	13.35	17.729	30.43	4375.48	5081.164	2.758	3.455	228.546	1.001	14.819
5/12/2017 8:05	122700	13.351	17.728	30.43	4374.677	5080.27	2.757	3.455	228.588	1.001	14.817
5/12/2017 8:10	123000	13.352	17.729	30.434	4372.026	5077.152	2.755	3.452	228.727	1.001	14.816
5/12/2017 8:15	123300	13.353	17.729	30.435	4372.267	5077.433	2.756	3.453	228.714	1.001	14.815
5/12/2017 8:20	123600	13.35	17.729	30.428	4369.667	5074.402	2.754	3.451	228.85	1.001	14.817
5/12/2017 8:25	123900	13.349	17.729	30.427	4368.384	5072.892	2.753	3.45	228.918	1.001	14.818
5/12/2017 8:30	124200	13.347	17.729	30.421	4366.12	5070.313	2.751	3.448	229.036	1.001	14.82
5/12/2017 8:35	124500	13.349	17.729	30.426	4364.846	5068.833	2.751	3.447	229.103	1.001	14.819
5/12/2017 8:40	124800	13.35	17.729	30.428	4363.38	5067.131	2.75	3.446	229.18	1.001	14.817
5/12/2017 8:45	125100	13.351	17.729	30.43	4362.111	5065.648	2.749	3.445	229.247	1.001	14.816
5/12/2017 8:50	125400	13.349	17.729	30.426	4361.109	5064.475	2.748	3.444	229.299	1.001	14.816
5/12/2017 8:55	125700	13.347	17.729	30.423	4360.339	5063.59	2.748	3.443	229.34	1.001	14.817
5/12/2017 9:00	126000	13.347	17.729	30.423	4359.506	5062.593	2.747	3.443	229.384	1.001	14.818
5/12/2017 9:05	126300	13.348	17.729	30.425	4358.162	5061.071	2.746	3.442	229.455	1.001	14.817
5/12/2017 9:10	126600	13.35	17.728	30.43	4355.66	5058.186	2.744	3.44	229.586	1.001	14.815
5/12/2017 9:15	126900	13.351	17.729	30.431	4354.122	5056.39	2.743	3.438	229.667	1.001	14.816
5/12/2017 9:20	127200	13.349	17.729	30.426	4353.801	5055.988	2.743	3.438	229.684	1.001	14.814
5/12/2017 9:25	127500	13.347	17.728	30.422	4352.439	5054.436	2.742	3.437	229.756	1.001	14.816
5/12/2017 9:30	127800	13.346	17.729	30.421	4352.437	5054.414	2.742	3.437	229.756	1.001	14.818
5/12/2017 9:35	128100	13.348	17.729	30.424	4350.332	5051.928	2.741	3.435	229.868	1.001	14.816
5/12/2017 9:40	128400	13.35	17.729	30.429	4349.434	5050.936	2.74	3.435	229.915	1.001	14.814
5/12/2017 9:45	128700	13.353	17.729	30.436	4348.23	5049.499	2.739	3.434	229.979	1.001	14.816
5/12/2017 9:50	129000	13.351	17.729	30.432	4348.175	5049.464	2.739	3.434	229.982	1.001	14.813
5/12/2017 9:55	129300	13.351	17.729	30.43	4347.529	5048.723	2.739	3.433	230.016	1.001	14.814
5/12/2017 10:00	129600	13.35	17.728	30.43	4346.135	5047.115	2.738	3.432	230.089	1.001	14.815
5/12/2017 10:05	129900	13.35	17.729	30.429	4344.688	5045.416	2.737	3.431	230.166	1.001	14.815
5/12/2017 10:10	130200	13.349	17.729	30.426	4344.052	5044.686	2.737	3.43	230.2	1.001	14.815
5/12/2017 10:15	130500	13.346	17.729	30.42	4344.068	5044.695	2.737	3.43	230.199	1.001	14.819
5/12/2017 10:20	130800	13.346	17.729	30.42	4342.765	5043.152	2.736	3.429	230.268	1.001	14.815
5/12/2017 10:25	131100	13.347	17.729	30.421	4341.787	5042.037	2.735	3.429	230.32	1.001	14.815
5/12/2017 10:30	131400	13.347	17.729	30.422	4340.447	5040.45	2.734	3.428	230.391	1.001	14.815
5/12/2017 10:35	131700	13.346	17.729	30.419	4339.385	5039.228	2.733	3.427	230.447	1.001	14.815
5/12/2017 10:40	132000	13.347	17.729	30.421	4338.016	5037.646	2.733	3.426	230.52	1.001	14.815
5/12/2017 10:45	132300	13.347	17.729	30.421	4337.167	5036.671	2.732	3.425	230.565	1.001	14.816
5/12/2017 10:50	132600	13.346	17.729	30.419	4336.294	5035.677	2.731	3.424	230.612	1.001	14.816
5/12/2017 10:55	132900	13.345	17.729	30.416	4335.13	5034.316	2.731	3.423	230.674	1.001	14.817
5/12/2017 11:00	133200	13.344	17.729	30.415	4334.716	5033.826	2.73	3.423	230.696	1.001	14.817
5/12/2017 11:05	133500	13.345	17.729	30.417	4332.318	5031.06	2.729	3.421	230.823	1.001	14.815
5/12/2017 11:10	133800	13.345	17.729	30.418	4332.86	5031.659	2.729	3.422	230.794	1.001	14.814
5/12/2017 11:											

5/12/2017 21:45	171900	13.334	17.728	30.393	4276.188	4965.906	2.691	3.377	233.853	1.001	14.795
5/12/2017 21:50	172200	13.335	17.728	30.395	4277.419	4967.325	2.692	3.378	233.786	1.001	14.794
5/12/2017 21:55	172500	13.337	17.728	30.399	4277.186	4967.065	2.692	3.378	233.799	1.001	14.792
5/12/2017 22:00	172800	13.34	17.728	30.406	4275.615	4965.25	2.691	3.376	233.884	1.001	14.791
5/12/2017 22:05	173100	13.341	17.729	30.408	4276.542	4966.287	2.691	3.377	233.834	1.001	14.792
5/12/2017 22:10	173400	13.341	17.728	30.408	4279.57	4969.861	2.693	3.38	233.668	1.001	14.793
5/12/2017 22:15	173700	13.34	17.730	30.405	4282.799	4973.631	2.696	3.382	233.492	1.001	14.795
5/12/2017 22:20	174000	13.338	17.728	30.402	4287.354	4978.92	2.699	3.386	233.244	1.001	14.795
5/12/2017 22:25	174300	13.337	17.728	30.398	4291.25	4983.425	2.701	3.389	233.032	1.001	14.795
5/12/2017 22:30	174600	13.336	17.727	30.396	4297.877	4991.208	2.706	3.394	232.673	1.001	14.796
5/12/2017 22:35	174900	13.336	17.727	30.397	4302.443	4996.502	2.709	3.398	232.426	1.001	14.795
5/12/2017 22:40	175200	13.34	17.727	30.405	4306.775	5001.512	2.712	3.401	232.192	1.001	14.794
5/12/2017 22:45	175500	13.339	17.727	30.408	4312.916	5008.694	2.716	3.406	231.862	1.001	14.794
5/12/2017 22:50	175800	13.338	17.727	30.402	4317.086	5013.517	2.719	3.409	231.638	1.001	14.794
5/12/2017 22:55	176100	13.339	17.727	30.404	4320.75	5017.772	2.721	3.412	231.441	1.001	14.794
5/12/2017 23:00	176400	13.337	17.727	30.4	4325.308	5023.064	2.724	3.416	231.197	1.001	14.795
5/12/2017 23:05	176700	13.337	17.727	30.398	4329.487	5027.967	2.727	3.419	230.974	1.001	14.794
5/12/2017 23:10	177000	13.337	17.727	30.399	4335.296	5034.684	2.731	3.424	230.665	1.001	14.794
5/12/2017 23:15	177300	13.336	17.729	30.392	4338.643	5038.609	2.733	3.426	230.487	1.001	14.794
5/12/2017 23:20	177600	13.336	17.728	30.398	4343.025	5043.602	2.736	3.43	230.254	1.001	14.794
5/12/2017 23:25	177900	13.338	17.727	30.401	4347.897	5049.328	2.739	3.434	229.996	1.001	14.793
5/12/2017 23:30	178200	13.34	17.727	30.405	4353.084	5055.38	2.743	3.438	229.722	1.001	14.792
5/12/2017 23:35	178500	13.339	17.727	30.404	4356.976	5059.841	2.745	3.441	229.517	1.001	14.791
5/12/2017 23:40	178800	13.338	17.727	30.403	4360.901	5064.409	2.748	3.444	229.31	1.001	14.791
5/12/2017 23:45	179100	13.339	17.727	30.404	4366.011	5070.363	2.751	3.448	229.042	1.001	14.79
5/12/2017 23:50	179400	13.339	17.727	30.403	4370.528	5075.629	2.754	3.451	228.805	1.001	14.79
5/12/2017 23:55	179700	13.34	17.727	30.407	4374.505	5080.238	2.757	3.455	228.597	1.001	14.79
5/13/2017 0:00	180000	13.339	17.727	30.404	4378.117	5084.471	2.76	3.457	228.409	1.001	14.79
5/13/2017 0:05	180300	13.339	17.727	30.403	4382.48	5089.519	2.762	3.461	228.181	1.001	14.791
5/13/2017 0:10	180600	13.339	17.727	30.405	4386.59	5094.233	2.765	3.464	227.967	1.001	14.791
5/13/2017 0:15	180900	13.339	17.727	30.403	4390.639	5098.975	2.768	3.467	227.757	1.001	14.792
5/13/2017 0:20	181200	13.337	17.727	30.4	4393.822	5102.661	2.77	3.47	227.592	1.001	14.792
5/13/2017 0:25	181500	13.338	17.727	30.4	4397.524	5106.97	2.773	3.473	227.401	1.001	14.793
5/13/2017 0:30	181800	13.337	17.727	30.398	4401.422	5111.479	2.775	3.476	227.199	1.001	14.793
5/13/2017 0:35	182100	13.335	17.727	30.394	4406.059	5116.863	2.778	3.479	226.96	1.001	14.794
5/13/2017 0:40	182400	13.336	17.727	30.397	4408.75	5120.018	2.78	3.482	226.822	1.001	14.795
5/13/2017 0:45	182700	13.334	17.727	30.393	4413.281	5125.252	2.783	3.485	226.599	1.001	14.796
5/13/2017 0:50	183000	13.336	17.727	30.397	4415.706	5128.095	2.785	3.487	226.464	1.001	14.795
5/13/2017 0:55	183300	13.338	17.727	30.401	4420.216	5133.313	2.788	3.491	226.233	1.001	14.793
5/13/2017 1:00	183600	13.338	17.727	30.402	4422.697	5136.235	2.789	3.493	226.106	1.001	14.792
5/13/2017 1:05	183900	13.34	17.727	30.407	4426.745	5140.915	2.792	3.496	225.9	1.001	14.791
5/13/2017 1:10	184200	13.343	17.727	30.412	4428.972	5143.501	2.794	3.498	225.786	1.001	14.79
5/13/2017 1:15	184500	13.341	17.727	30.408	4433.324	5148.545	2.797	3.501	225.544	1.001	14.789
5/13/2017 1:20	184800	13.34	17.727	30.406	4435.622	5151.195	2.798	3.503	225.448	1.001	14.789
5/13/2017 1:25	185100	13.341	17.727	30.408	4439.124	5155.301	2.8	3.506	225.27	1.001	14.789
5/13/2017 1:30	185400	13.341	17.727	30.408	4441.871	5158.481	2.802	3.508	225.13	1.001	14.789
5/13/2017 1:35	185700	13.34	17.727	30.406	4444.828	5161.875	2.804	3.51	224.981	1.001	14.789
5/13/2017 1:40	186000	13.34	17.727	30.407	4447.966	5165.51	2.806	3.513	224.822	1.001	14.789
5/13/2017 1:45	186300	13.34	17.727	30.406	4450.426	5168.987	2.808	3.515	224.688	1.001	14.789
5/13/2017 1:50	186600	13.341	17.727	30.408	4452.086	5170.334	2.809	3.516	224.614	1.001	14.789
5/13/2017 1:55	186900	13.34	17.727	30.405	4455.316	5174.096	2.811	3.518	224.451	1.001	14.788
5/13/2017 2:00	187200	13.341	17.727	30.408	4457.795	5176.955	2.813	3.52	224.326	1.001	14.788
5/13/2017 2:05	187500	13.341	17.727	30.407	4460.604	5180.237	2.815	3.523	224.185	1.001	14.787
5/13/2017 2:10	187800	13.34	17.727	30.406	4462.697	5182.626	2.816	3.524	224.08	1.001	14.787
5/13/2017 2:15	188100	13.34	17.727	30.407	4464.553	5184.773	2.818	3.526	223.987	1.001	14.787
5/13/2017 2:20	188400	13.34	17.727	30.406	4466.751	5187.038	2.819	3.527	223.876	1.001	14.787
5/13/2017 2:25	188700	13.342	17.727	30.41	4469.104	5190.118	2.821	3.529	223.758	1.001	14.786
5/13/2017 2:30	189000	13.341	17.727	30.409	4470.941	5192.213	2.822	3.531	223.667	1.001	14.786
5/13/2017 2:35	189300	13.343	17.727	30.412	4473.287	5194.925	2.823	3.533	223.549	1.001	14.785
5/13/2017 2:40	189600	13.344	17.727	30.415	4475.136	5197.073	2.825	3.534	223.457	1.001	14.784
5/13/2017 2:45	189900	13.345	17.727	30.417	4477.854	5200.22	2.826	3.536	223.321	1.001	14.783
5/13/2017 2:50	190200	13.345	17.727	30.417	4478.404	5203.838	2.827	3.537	223.204	1.001	14.783
5/13/2017 2:55	190500	13.349	17.727	30.427	4478.853	5201.42	2.827	3.537	223.271	1.001	14.782
5/13/2017 3:00	190800	13.348	17.727	30.423	4480.702	5203.567	2.828	3.538	223.179	1.001	14.781
5/13/2017 3:05	191100	13.346	17.727	30.42	4482.319	5205.426	2.829	3.54	223.099	1.001	14.783
5/13/2017 3:10	191400	13.345	17.727	30.418	4483.925	5207.27	2.831	3.541	223.019	1.001	14.785
5/13/2017 3:15	191700	13.343	17.728	30.412	4484.881	5208.34	2.831	3.542	222.971	1.001	14.786
5/13/2017 3:20	192000	13.343	17.727	30.414	4487.17	5211.069	2.833	3.544	222.858	1.001	14.785
5/13/2017 3:25	192300	13.345	17.727	30.417	4488.62	5212.732	2.834	3.545	222.786	1.001	14.784
5/13/2017 3:30	192600	13.346	17.727	30.421	4488.437	5212.5	2.834	3.544	222.795	1.001	14.783
5/13/2017 3:35	192900	13.345	17.727	30.416	4489.599	5213.889	2.834	3.545	222.737	1.001	14.784
5/13/2017 3:40	193200	13.342	17.727	30.409	4492.034	5216.687	2.836	3.547	222.616	1.001	14.786
5/13/2017 3:45	193500	13.341	17.727	30.409	4493.004	5217.804	2.837	3.548	222.568	1.001	14.788
5/13/2017 3:50	193800	13.342	17.727	30.411	4492.663	5217.7417	2.836	3.548	222.595	1.001	14.786
5/13/2017 3:55	194100	13.344	17.727	30.414	4493.7	5218.59	2.837	3.549	222.534	1.001	14.786
5/13/2017 4:00	194400	13.345	17.727	30.418	4494.679	5219.728	2.838	3.549	222.485	1.001	14.785
5/13/2017 4:05	194700	13.344	17.727	30.414	4495.487	5220.676	2.838	3.55	222.445	1.001	14.785
5/13/2017 4:10	195000	13.343	17.727	30.412	4495.678	5220.909	2.838	3.55	222.436	1.001	14.786
5/13/2017 4:15	195300	13.343	17.727	30.412	4498.673	5224.438	2.84	3.553	222.288	1.001	14.786
5/13/2017 4:20	195600	13.345	17.727	30.417	4499.716	5225.567	2.841	3.553	222.226	1.001	14.786
5/13/2017 4:25	195900	13.346	17.728	30.42	4500.31	5226.258	2.842	3.554	222.207	1.001	14.781
5/13/2017 4:30	196200	13.349	17.728	30.427	4500.29	5226.235	2.842	3.554	222.208	1.001	14.779
5/13/2017 4:35	196500	13.35	17.727	30.428	4502.055	5228.324	2.843	3.555	222.121	1.001	14.779
5/13/2017 4:40	196800	13.349	17.727	30.425	4501.748	5227.989	2.843	3.555	222.136	1.001	14.78
5/13/2017 4:45	197100	13.347	17.728	30.423	4502.607	5228.926	2.843	3.556	222.094	1.001	14.78</

5/13/2017 15:20	235200	13.345	17.727	30.417	4410.068	5121.478	2.781	3.483	226.754	1.001	14.765
5/13/2017 15:25	235500	13.346	17.728	30.42	4412.438	5124.211	2.783	3.484	226.632	1.001	14.763
5/13/2017 15:30	235800	13.347	17.727	30.422	4416.509	5128.988	2.785	3.488	226.423	1.001	14.76
5/13/2017 15:35	236100	13.347	17.727	30.421	4419.884	5132.878	2.788	3.49	226.25	1.001	14.76
5/13/2017 15:40	236400	13.345	17.727	30.416	4422.582	5136.04	2.789	3.493	226.112	1.001	14.759
5/13/2017 15:45	236700	13.346	17.727	30.419	4426.725	5140.863	2.792	3.496	225.901	1.001	14.759
5/13/2017 15:50	237000	13.347	17.727	30.421	4429.488	5144.091	2.793	3.498	225.75	1.001	14.757
5/13/2017 15:55	237300	13.347	17.727	30.423	4431.299	5146.154	2.795	3.499	225.667	1.001	14.754
5/13/2017 16:00	237600	13.35	17.727	30.428	4434.686	5150.078	2.797	3.502	225.495	1.001	14.752
5/13/2017 16:05	237900	13.347	17.727	30.422	4437.607	5153.49	2.799	3.504	225.347	1.001	14.751
5/13/2017 16:10	238200	13.347	17.727	30.421	4440.76	5157.122	2.802	3.507	225.187	1.001	14.751
5/13/2017 16:15	238500	13.346	17.727	30.42	4443.229	5160.038	2.803	3.509	225.062	1.001	14.751
5/13/2017 16:20	238800	13.345	17.727	30.417	4446.785	5163.48	2.806	3.512	224.882	1.001	14.75
5/13/2017 16:25	239100	13.346	17.727	30.419	4448.16	5165.726	2.807	3.513	224.812	1.001	14.75
5/13/2017 16:30	239400	13.345	17.727	30.417	4451.15	5169.188	2.809	3.515	224.661	1.001	14.749
5/13/2017 16:35	239700	13.347	17.727	30.422	4454.578	5173.188	2.811	3.518	224.488	1.001	14.747
5/13/2017 16:40	240000	13.348	17.727	30.425	4456.216	5175.082	2.812	3.519	224.406	1.001	14.744
5/13/2017 16:45	240300	13.351	17.727	30.43	4459.274	5178.672	2.814	3.521	224.252	1.001	14.742
5/13/2017 16:50	240600	13.349	17.727	30.425	4460.604	5180.24	2.815	3.523	224.182	1.001	14.742
5/13/2017 16:55	240900	13.348	17.727	30.424	4463.738	5183.795	2.817	3.525	224.027	1.001	14.743
5/13/2017 17:00	241200	13.347	17.727	30.423	4465.37	5185.771	2.818	3.526	223.946	1.001	14.743
5/13/2017 17:05	241500	13.347	17.727	30.422	4468.265	5189.074	2.82	3.529	223.801	1.001	14.742
5/13/2017 17:10	241800	13.347	17.727	30.422	4469.376	5190.374	2.821	3.529	223.745	1.001	14.741
5/13/2017 17:15	242100	13.348	17.727	30.425	4471.494	5192.813	2.822	3.531	223.639	1.001	14.74
5/13/2017 17:20	242400	13.349	17.727	30.426	4473.229	5194.838	2.823	3.532	223.552	1.001	14.739
5/13/2017 17:25	242700	13.351	17.727	30.43	4475.633	5197.64	2.825	3.534	223.432	1.001	14.738
5/13/2017 17:30	243000	13.35	17.727	30.429	4477.054	5199.27	2.826	3.536	223.361	1.001	14.737
5/13/2017 17:35	243300	13.353	17.727	30.435	4479.034	5201.581	2.827	3.537	223.262	1.001	14.734
5/13/2017 17:40	243600	13.355	17.727	30.441	4480.756	5203.62	2.828	3.538	223.177	1.001	14.732
5/13/2017 17:45	243900	13.356	17.727	30.443	4481.208	5204.135	2.829	3.539	223.154	1.001	14.73
5/13/2017 17:50	244200	13.356	17.727	30.442	4483.137	5206.345	2.83	3.54	223.058	1.001	14.728
5/13/2017 17:55	244500	13.356	17.727	30.442	4484.62	5208.077	2.831	3.541	222.984	1.001	14.73
5/13/2017 18:00	244800	13.354	17.727	30.438	4488.393	5212.449	2.834	3.544	222.797	1.001	14.73
5/13/2017 18:05	245100	13.354	17.727	30.438	4488.474	5212.521	2.834	3.545	222.793	1.001	14.729
5/13/2017 18:10	245400	13.355	17.727	30.44	4490.758	5215.205	2.835	3.546	222.68	1.001	14.728
5/13/2017 18:15	245700	13.358	17.728	30.447	4491.273	5215.753	2.835	3.547	222.654	1.001	14.727
5/13/2017 18:20	246000	13.355	17.728	30.445	4492.244	5216.92	2.836	3.548	222.598	1.001	14.729
5/13/2017 18:25	246300	13.352	17.727	30.434	4495.008	5220.11	2.838	3.55	222.469	1.001	14.731
5/13/2017 18:30	246600	13.35	17.727	30.428	4495.722	5220.95	2.838	3.55	222.434	1.001	14.733
5/13/2017 18:35	246900	13.351	17.727	30.43	4496.471	5221.819	2.839	3.551	222.397	1.001	14.731
5/13/2017 18:40	247200	13.353	17.727	30.435	4498.04	5223.702	2.84	3.552	222.319	1.001	14.731
5/13/2017 18:45	247500	13.354	17.728	30.439	4499.681	5225.507	2.841	3.553	222.238	1.001	14.727
5/13/2017 18:50	247800	13.353	17.728	30.437	4501.826	5228.059	2.843	3.555	222.132	1.001	14.728
5/13/2017 18:55	248100	13.35	17.727	30.43	4502.699	5229.063	2.843	3.556	222.089	1.001	14.729
5/13/2017 19:00	248400	13.35	17.727	30.428	4503.838	5230.364	2.844	3.557	222.033	1.001	14.731
5/13/2017 19:05	248700	13.351	17.728	30.431	4504.116	5230.658	2.844	3.557	222.019	1.001	14.73
5/13/2017 19:10	249000	13.353	17.727	30.435	4504.856	5231.587	2.845	3.557	221.983	1.001	14.729
5/13/2017 19:15	249300	13.353	17.727	30.436	4505.508	5232.375	2.845	3.558	221.951	1.001	14.729
5/13/2017 19:20	249600	13.353	17.727	30.436	4507.156	5234.249	2.846	3.559	221.849	1.001	14.727
5/13/2017 19:25	249900	13.357	17.727	30.445	4507.541	5234.664	2.846	3.56	221.85	1.001	14.726
5/13/2017 19:30	250200	13.357	17.728	30.444	4509.222	5236.607	2.848	3.561	221.768	1.001	14.725
5/13/2017 19:35	250500	13.357	17.727	30.446	4510.126	5237.678	2.848	3.562	221.723	1.001	14.724
5/13/2017 19:40	250800	13.357	17.728	30.446	4509.477	5236.893	2.848	3.561	221.755	1.001	14.724
5/13/2017 19:45	251100	13.358	17.728	30.448	4511.502	5239.256	2.849	3.563	221.656	1.001	14.724
5/13/2017 19:50	251400	13.357	17.728	30.445	4512.081	5239.917	2.849	3.563	221.627	1.001	14.723
5/13/2017 19:55	251700	13.359	17.728	30.45	4511.304	5239.025	2.849	3.563	221.665	1.001	14.725
5/13/2017 20:00	252000	13.36	17.728	30.451	4512.379	5240.263	2.85	3.563	221.613	1.001	14.723
5/13/2017 20:05	252300	13.36	17.727	30.451	4512.391	5240.296	2.85	3.563	221.612	1.001	14.723
5/13/2017 20:10	252600	13.361	17.727	30.453	4513.827	5241.975	2.851	3.565	221.541	1.001	14.722
5/13/2017 20:15	252900	13.361	17.727	30.454	4513.688	5241.825	2.851	3.564	221.548	1.001	14.722
5/13/2017 20:20	253200	13.362	17.727	30.455	4514.827	5243.137	2.851	3.565	221.492	1.001	14.723
5/13/2017 20:25	253500	13.36	17.728	30.451	4515.189	5243.528	2.852	3.566	221.475	1.001	14.725
5/13/2017 20:30	253800	13.36	17.727	30.453	4516.129	5244.638	2.852	3.566	221.429	1.001	14.724
5/13/2017 20:35	254100	13.359	17.727	30.449	4514.417	5242.672	2.851	3.565	221.513	1.001	14.726
5/13/2017 20:40	254400	13.357	17.727	30.444	4516.313	5244.882	2.852	3.567	221.42	1.001	14.727
5/13/2017 20:45	254700	13.354	17.727	30.437	4514.883	5243.19	2.851	3.565	221.49	1.001	14.729
5/13/2017 20:50	255000	13.355	17.728	30.441	4515.427	5243.773	2.852	3.566	221.463	1.001	14.728
5/13/2017 20:55	255300	13.359	17.728	30.449	4516.259	5245.252	2.852	3.566	221.422	1.001	14.726
5/13/2017 21:00	255600	13.361	17.728	30.453	4517.315	5245.975	2.853	3.567	221.37	1.001	14.724
5/13/2017 21:05	255900	13.361	17.727	30.455	4517.585	5246.37	2.853	3.568	221.357	1.001	14.725
5/13/2017 21:10	256200	13.36	17.728	30.451	4517.722	5246.448	2.853	3.568	221.351	1.001	14.725
5/13/2017 21:15	256500	13.36	17.727	30.451	4516.877	5245.548	2.853	3.567	221.392	1.001	14.726
5/13/2017 21:20	256800	13.358	17.728	30.446	4518.014	5246.798	2.853	3.568	221.336	1.001	14.729
5/13/2017 21:25	257100	13.356	17.728	30.452	4515.512	5245.142	2.853	3.567	221.39	1.001	14.728
5/13/2017 21:30	257400	13.355	17.728	30.44	4516.97	5245.534	2.853	3.567	221.387	1.001	14.733
5/13/2017 21:35	257700	13.357	17.728	30.444	4518.642	5247.526	2.854	3.568	221.305	1.001	14.732
5/13/2017 21:40	258000	13.359	17.728	30.449	4517.549	5246.258	2.853	3.567	221.359	1.001	14.731
5/13/2017 21:45	258300	13.361	17.728	30.453	4517.887	5246.589	2.853	3.568	221.342	1.001	14.73
5/13/2017 21:50	258600	13.36	17.728	30.452	4519.391	5248.386	2.854	3.569	221.269	1.001	14.73
5/13/2017 21:55	258900	13.363	17.727	30.457	4517.778	5247.783	2.854	3.568	221.296	1.001	14.729
5/13/2017 22:00	259200	13.362	17.728	30.455	4519.512	5248.547	2.854	3.569	221.263	1.001	14.729
5/13/2017 22:05	259500	13.362	17.728	30.455	4518.43	5247.261	2.854	3.568	221.316	1.001	14.729
5/13/2017 22:10	259800	13.363	17.728	30.458	4519.431	5248.432	2.854	3.569	221.267	1.001	14.73
5/13/2017 22:15	260100	13.362	17.727	30.456	4518.385	5247.269	2.854	3.568	221.318	1.001	14.73
5/13/2017 22:20	260400	13.364	17.728	30.461	4518.423	5					

5/14/2017 8:55	298500	13.38	17.728	30.497	4521.083	5250.331	2.855	3.57	221.186	1.001	14.714
5/14/2017 9:00	298800	13.382	17.728	30.502	4519.8	5248.84	2.855	3.569	221.249	1.001	14.713
5/14/2017 9:05	299100	13.382	17.728	30.502	4520.349	5249.448	2.855	3.57	221.222	1.001	14.714
5/14/2017 9:10	299400	13.381	17.728	30.5	4520.303	5249.404	2.855	3.57	221.224	1.001	14.715
5/14/2017 9:15	299700	13.38	17.728	30.497	4520.528	5249.677	2.855	3.57	221.213	1.001	14.717
5/14/2017 9:20	300000	13.379	17.727	30.495	4520.014	5249.15	2.855	3.569	221.238	1.001	14.718
5/14/2017 9:25	300300	13.378	17.728	30.492	4519.922	5249.023	2.855	3.569	221.243	1.001	14.719
5/14/2017 9:30	300600	13.378	17.728	30.492	4519.858	5248.919	2.855	3.569	221.246	1.001	14.719
5/14/2017 9:35	300900	13.376	17.728	30.488	4518.261	5247.044	2.854	3.568	221.324	1.001	14.719
5/14/2017 9:40	301200	13.377	17.728	30.491	4519.828	5248.822	2.855	3.569	221.247	1.001	14.719
5/14/2017 9:45	301500	13.379	17.728	30.495	4519.739	5248.77	2.855	3.569	221.252	1.001	14.719
5/14/2017 9:50	301800	13.38	17.728	30.497	4519.855	5248.817	2.855	3.569	221.246	1.001	14.718
5/14/2017 9:55	302100	13.38	17.728	30.498	4519.538	5248.545	2.854	3.569	221.252	1.001	14.718
5/14/2017 10:00	302400	13.38	17.728	30.498	4518.186	5246.945	2.854	3.568	221.328	1.001	14.718
5/14/2017 10:05	302700	13.381	17.728	30.499	4518.807	5247.636	2.854	3.568	221.297	1.001	14.716
5/14/2017 10:10	303000	13.384	17.728	30.506	4517.914	5246.621	2.853	3.568	221.341	1.001	14.715
5/14/2017 10:15	303300	13.385	17.728	30.51	4519.201	5248.186	2.854	3.569	221.278	1.001	14.713
5/14/2017 10:20	303600	13.386	17.728	30.512	4519.138	5248.092	2.854	3.569	221.281	1.001	14.711
5/14/2017 10:25	303900	13.389	17.728	30.517	4517.479	5246.136	2.853	3.567	221.362	1.001	14.71
5/14/2017 10:30	304200	13.39	17.728	30.519	4518.847	5247.754	2.854	3.568	221.295	1.001	14.709
5/14/2017 10:35	304500	13.386	17.728	30.511	4517.55	5246.218	2.853	3.567	221.359	1.001	14.711
5/14/2017 10:40	304800	13.384	17.728	30.507	4518.858	5247.767	2.854	3.568	221.295	1.001	14.714
5/14/2017 10:45	305100	13.383	17.728	30.504	4518.82	5247.702	2.854	3.568	221.297	1.001	14.717
5/14/2017 10:50	305400	13.38	17.728	30.498	4517.232	5245.87	2.853	3.567	221.374	1.001	14.719
5/14/2017 10:55	305700	13.378	17.728	30.492	4518.821	5247.724	2.854	3.568	221.297	1.001	14.721
5/14/2017 11:00	306000	13.376	17.728	30.487	4518.54	5247.376	2.854	3.568	221.31	1.001	14.723
5/14/2017 11:05	306300	13.377	17.727	30.491	4517.912	5246.719	2.853	3.568	221.341	1.001	14.721
5/14/2017 11:10	306600	13.38	17.728	30.497	4518.452	5247.287	2.854	3.568	221.315	1.001	14.718
5/14/2017 11:15	306900	13.384	17.728	30.506	4517.929	5246.668	2.853	3.568	221.34	1.001	14.716
5/14/2017 11:20	307200	13.385	17.728	30.508	4518.82	5247.714	2.854	3.568	221.297	1.001	14.716
5/14/2017 11:25	307500	13.384	17.728	30.506	4518.614	5247.454	2.854	3.568	221.307	1.001	14.715
5/14/2017 11:30	307800	13.387	17.728	30.513	4518.059	5246.819	2.853	3.568	221.334	1.001	14.714
5/14/2017 11:35	308100	13.385	17.728	30.508	4518.987	5246.987	2.854	3.568	221.327	1.001	14.715
5/14/2017 11:40	308400	13.385	17.728	30.507	4517.988	5246.756	2.853	3.568	221.337	1.001	14.715
5/14/2017 11:45	308700	13.391	17.728	30.522	4518.329	5247.102	2.854	3.568	221.321	1.001	14.715
5/14/2017 11:50	309000	13.385	17.728	30.509	4517.858	5246.576	2.853	3.568	221.344	1.001	14.716
5/14/2017 11:55	309300	13.385	17.728	30.509	4516.526	5245.07	2.852	3.567	221.409	1.001	14.719
5/14/2017 12:00	309600	13.384	17.728	30.506	4517.94	5246.692	2.853	3.568	221.34	1.001	14.719
5/14/2017 12:05	309900	13.384	17.728	30.507	4517.606	5246.313	2.853	3.567	221.356	1.001	14.719
5/14/2017 12:10	310200	13.385	17.728	30.508	4516.55	5245.107	2.852	3.567	221.408	1.001	14.72
5/14/2017 12:15	310500	13.384	17.728	30.507	4516.37	5244.857	2.852	3.567	221.417	1.001	14.721
5/14/2017 12:20	310800	13.384	17.728	30.507	4517.975	5246.741	2.853	3.568	221.338	1.001	14.721
5/14/2017 12:25	311100	13.384	17.728	30.506	4515.98	5244.405	2.852	3.566	221.436	1.001	14.723
5/14/2017 12:30	311400	13.385	17.728	30.508	4515.673	5244.039	2.852	3.566	221.451	1.001	14.723
5/14/2017 12:35	311700	13.384	17.728	30.506	4517.96	5245.997	2.853	3.567	221.368	1.001	14.724
5/14/2017 12:40	312000	13.384	17.728	30.505	4517.15	5245.733	2.853	3.567	221.379	1.001	14.725
5/14/2017 12:45	312300	13.383	17.728	30.504	4516.905	5245.51	2.853	3.567	221.391	1.001	14.726
5/14/2017 12:50	312600	13.384	17.728	30.506	4516.778	5245.342	2.853	3.567	221.397	1.001	14.726
5/14/2017 12:55	312900	13.384	17.728	30.506	4517.275	5245.898	2.853	3.567	221.372	1.001	14.725
5/14/2017 13:00	313200	13.383	17.728	30.505	4516.978	5245.594	2.853	3.567	221.387	1.001	14.725
5/14/2017 13:05	313500	13.385	17.728	30.508	4515.609	5244.015	2.852	3.566	221.454	1.001	14.724
5/14/2017 13:10	313800	13.386	17.728	30.511	4516.943	5245.543	2.853	3.567	221.389	1.001	14.723
5/14/2017 13:15	314100	13.387	17.728	30.512	4517.104	5245.721	2.853	3.567	221.381	1.001	14.722
5/14/2017 13:20	314400	13.385	17.728	30.51	4515.79	5244.174	2.852	3.566	221.445	1.001	14.722
5/14/2017 13:25	314700	13.386	17.728	30.511	4516.205	5244.656	2.852	3.566	221.425	1.001	14.722
5/14/2017 13:30	315000	13.387	17.728	30.514	4516.604	5245.129	2.852	3.567	221.405	1.001	14.721
5/14/2017 13:35	315300	13.386	17.728	30.51	4516.234	5244.73	2.852	3.566	221.423	1.001	14.724
5/14/2017 13:40	315600	13.386	17.728	30.511	4516.587	5245.14	2.852	3.567	221.406	1.001	14.726
5/14/2017 13:45	315900	13.383	17.728	30.504	4517.339	5245.994	2.853	3.567	221.369	1.001	14.728
5/14/2017 13:50	316200	13.383	17.728	30.505	4516.932	5245.521	2.853	3.567	221.389	1.001	14.727
5/14/2017 13:55	316500	13.387	17.728	30.513	4517.021	5245.593	2.853	3.567	221.385	1.001	14.725
5/14/2017 14:00	316800	13.386	17.728	30.511	4515.733	5244.129	2.852	3.566	221.448	1.001	14.724
5/14/2017 14:05	317100	13.387	17.728	30.512	4516.252	5244.7	2.852	3.566	221.423	1.001	14.724
5/14/2017 14:10	317400	13.385	17.728	30.509	4516.849	5245.413	2.853	3.567	221.393	1.001	14.723
5/14/2017 14:15	317700	13.384	17.728	30.506	4515.83	5244.209	2.852	3.566	221.443	1.001	14.723
5/14/2017 14:20	318000	13.385	17.728	30.51	4516.153	5244.596	2.852	3.566	221.427	1.001	14.724
5/14/2017 14:25	318300	13.383	17.728	30.505	4515.585	5243.945	2.852	3.566	221.455	1.001	14.725
5/14/2017 14:30	318600	13.382	17.728	30.503	4517.425	5245.823	2.852	3.566	221.444	1.001	14.726
5/14/2017 14:35	318900	13.383	17.728	30.505	4516.368	5244.846	2.852	3.566	221.417	1.001	14.724
5/14/2017 14:40	319200	13.386	17.728	30.51	4516.152	5244.604	2.852	3.566	221.427	1.001	14.723
5/14/2017 14:45	319500	13.387	17.728	30.514	4515.715	5244.117	2.852	3.566	221.449	1.001	14.721
5/14/2017 14:50	319800	13.387	17.728	30.512	4515.541	5243.843	2.852	3.566	221.457	1.001	14.72
5/14/2017 14:55	320100	13.388	17.728	30.514	4515.958	5244.39	2.852	3.566	221.437	1.001	14.719
5/14/2017 15:00	320400	13.388	17.728	30.515	4515.289	5243.613	2.852	3.566	221.47	1.001	14.718
5/14/2017 15:05	320700	13.389	17.728	30.518	4515.478	5243.842	2.852	3.566	221.46	1.001	14.716
5/14/2017 15:10	321000	13.391	17.728	30.522	4515.308	5243.603	2.852	3.566	221.469	1.001	14.715
5/14/2017 15:15	321300	13.393	17.728	30.527	4515.497	5243.855	2.852	3.566	221.46	1.001	14.713
5/14/2017 15:20	321600	13.39	17.728	30.519	4516.612	5245.18	2.852	3.567	221.405	1.001	14.714
5/14/2017 15:25	321900	13.39	17.728	30.52	4516.125	5244.563	2.852	3.566	221.429	1.001	14.715
5/14/2017 15:30	322200	13.389	17.728	30.517	4515.451	5243.75	2.852	3.566	221.462	1.001	14.715
5/14/2017 15:35	322500	13.387	17.728	30.512	4516.513	5245.014	2.852	3.567	221.41	1.001	14.716
5/14/2017 15:40	322800	13.386	17.728	30.511	4515.998	5244.445	2.852	3.566	221.435	1.001	14.716
5/14/2017 15:45	323100	13.385	17.728	30.509	4516.271	5244.742	2.852	3.566	221.422	1.001	14.716
5/14/2017 15:50	323400	13.384	17.728	30.507	4516.889	5245.511	2.853	3.567	221.391	1.001	14.715
5/14/2017 15:55	323700	13.387	17.728	30.513	4516.785	5					

5/15/2017 2:30	361800	13.399	17.728	30.541	4507.361	5234.385	2.846	3.559	221.859	1.001	14.691
5/15/2017 2:35	362100	13.401	17.728	30.545	4506.287	5233.138	2.846	3.559	221.912	1.001	14.689
5/15/2017 2:40	362400	13.402	17.728	30.548	4506.414	5233.285	2.846	3.559	221.906	1.001	14.688
5/15/2017 2:45	362700	13.404	17.728	30.552	4507.249	5234.235	2.846	3.559	221.865	1.001	14.686
5/15/2017 2:50	363000	13.401	17.728	30.544	4506.069	5232.926	2.845	3.558	221.923	1.001	14.688
5/15/2017 2:55	363300	13.401	17.728	30.544	4507.196	5234.204	2.846	3.559	221.867	1.001	14.69
5/15/2017 3:00	363600	13.398	17.728	30.538	4507.022	5233.092	2.845	3.559	221.876	1.001	14.692
5/15/2017 3:05	363900	13.399	17.728	30.541	4506.151	5233.01	2.845	3.558	221.919	1.001	14.69
5/15/2017 3:10	364200	13.399	17.728	30.541	4506.259	5233.127	2.846	3.559	221.914	1.001	14.689
5/15/2017 3:15	364500	13.401	17.728	30.546	4505.987	5232.77	2.845	3.558	221.927	1.001	14.688
5/15/2017 3:20	364800	13.402	17.728	30.546	4506.383	5233.26	2.846	3.559	221.907	1.001	14.689
5/15/2017 3:25	365100	13.4	17.727	30.542	4505.915	5232.786	2.845	3.558	221.931	1.001	14.689
5/15/2017 3:30	365400	13.398	17.728	30.539	4506.293	5233.155	2.845	3.559	221.912	1.001	14.69
5/15/2017 3:35	365700	13.401	17.728	30.544	4505.89	5232.708	2.845	3.558	221.932	1.001	14.689
5/15/2017 3:40	366000	13.401	17.728	30.545	4506.578	5233.498	2.846	3.559	221.898	1.001	14.688
5/15/2017 3:45	366300	13.401	17.728	30.546	4505.569	5232.345	2.845	3.558	221.948	1.001	14.688
5/15/2017 3:50	366600	13.402	17.728	30.548	4506.85	5233.802	2.846	3.559	221.884	1.001	14.687
5/15/2017 3:55	366900	13.402	17.728	30.547	4506.469	5233.35	2.846	3.559	221.903	1.001	14.686
5/15/2017 4:00	367200	13.406	17.729	30.556	4505.277	5231.95	2.845	3.558	221.962	1.001	14.684
5/15/2017 4:05	367500	13.402	17.728	30.546	4506.724	5233.696	2.846	3.559	221.891	1.001	14.686
5/15/2017 4:10	367800	13.402	17.728	30.547	4505.199	5231.905	2.845	3.558	221.966	1.001	14.687
5/15/2017 4:15	368100	13.399	17.728	30.54	4505.413	5232.153	2.845	3.558	221.955	1.001	14.689
5/15/2017 4:20	368400	13.402	17.728	30.546	4505.196	5231.912	2.845	3.558	221.966	1.001	14.686
5/15/2017 4:25	368700	13.403	17.728	30.55	4505.94	5232.757	2.845	3.558	221.929	1.001	14.683
5/15/2017 4:30	369000	13.409	17.728	30.562	4505.56	5232.334	2.845	3.558	221.948	1.001	14.68
5/15/2017 4:35	369300	13.406	17.728	30.557	4505.732	5232.483	2.845	3.558	221.939	1.001	14.682
5/15/2017 4:40	369600	13.405	17.728	30.554	4505.471	5232.19	2.845	3.558	221.952	1.001	14.684
5/15/2017 4:45	369900	13.401	17.728	30.545	4504.434	5230.976	2.844	3.557	222.003	1.001	14.686
5/15/2017 4:50	370200	13.407	17.728	30.56	4505.522	5232.239	2.845	3.558	221.95	1.001	14.685
5/15/2017 4:55	370500	13.404	17.728	30.552	4505.103	5231.763	2.845	3.558	221.971	1.001	14.684
5/15/2017 5:00	370800	13.406	17.729	30.556	4503.701	5230.186	2.844	3.557	222.04	1.001	14.682
5/15/2017 5:05	371100	13.404	17.728	30.552	4504.652	5231.199	2.844	3.557	221.993	1.001	14.684
5/15/2017 5:10	371400	13.403	17.728	30.549	4503.847	5230.304	2.844	3.557	222.032	1.001	14.685
5/15/2017 5:15	371700	13.402	17.728	30.546	4504.507	5231.101	2.844	3.557	222	1.001	14.686
5/15/2017 5:20	372000	13.403	17.728	30.549	4503.253	5229.636	2.843	3.556	222.062	1.001	14.685
5/15/2017 5:25	372300	13.404	17.728	30.552	4502.849	5229.155	2.843	3.556	222.082	1.001	14.683
5/15/2017 5:30	372600	13.404	17.728	30.551	4502.867	5229.155	2.843	3.556	222.081	1.001	14.682
5/15/2017 5:35	372900	13.403	17.728	30.551	4496.103	5221.312	2.839	3.55	222.415	1.001	14.682
5/15/2017 5:40	373200	13.402	17.728	30.548	4484.64	5207.979	2.831	3.541	222.983	1.001	14.682
5/15/2017 5:45	373500	13.403	17.728	30.549	4473.963	5195.581	2.824	3.533	223.515	1.001	14.682
5/15/2017 5:50	373800	13.404	17.729	30.551	4464.505	5184.535	2.817	3.525	223.989	1.001	14.682
5/15/2017 5:55	374100	13.405	17.729	30.553	4452.989	5171.162	2.81	3.516	224.568	1.001	14.682
5/15/2017 6:00	374400	13.404	17.729	30.552	4445.204	5162.132	2.804	3.511	224.962	1.001	14.682
5/15/2017 6:05	374700	13.401	17.729	30.546	4436.746	5152.26	2.799	3.504	225.39	1.001	14.684
5/15/2017 6:10	375000	13.399	17.729	30.541	4428.779	5143.028	2.793	3.497	225.796	1.001	14.687
5/15/2017 6:15	375300	13.397	17.729	30.536	4422.652	5135.893	2.789	3.492	226.109	1.001	14.69
5/15/2017 6:20	375600	13.399	17.729	30.539	4416.153	5128.356	2.785	3.487	226.441	1.001	14.689
5/15/2017 6:25	375900	13.399	17.729	30.54	4409.009	5120.06	2.78	3.482	226.808	1.001	14.687
5/15/2017 6:30	376200	13.4	17.729	30.544	4404.135	5114.38	2.777	3.478	227.059	1.001	14.686
5/15/2017 6:35	376500	13.4	17.729	30.544	4398.749	5108.125	2.773	3.474	227.337	1.001	14.687
5/15/2017 6:40	376800	13.399	17.729	30.54	4392.995	5101.413	2.769	3.469	227.635	1.001	14.689
5/15/2017 6:45	377100	13.397	17.729	30.536	4388.94	5096.755	2.767	3.466	227.845	1.001	14.69
5/15/2017 6:50	377400	13.397	17.729	30.536	4384.869	5092.027	2.764	3.463	228.057	1.001	14.692
5/15/2017 6:55	377700	13.396	17.729	30.533	4379.312	5085.553	2.76	3.458	228.346	1.001	14.693
5/15/2017 7:00	378000	13.394	17.73	30.529	4376.583	5082.346	2.758	3.456	228.489	1.001	14.694
5/15/2017 7:05	378300	13.399	17.729	30.54	4372.563	5077.688	2.756	3.453	228.699	1.001	14.692
5/15/2017 7:10	378600	13.399	17.729	30.541	4367.83	5072.241	2.753	3.449	228.947	1.001	14.69
5/15/2017 7:15	378900	13.403	17.729	30.55	4365.456	5069.434	2.751	3.447	229.071	1.001	14.687
5/15/2017 7:20	379200	13.402	17.729	30.548	4361.987	5065.434	2.749	3.444	229.253	1.001	14.689
5/15/2017 7:25	379500	13.401	17.729	30.544	4357.717	5060.517	2.746	3.441	229.478	1.001	14.691
5/15/2017 7:30	379800	13.397	17.729	30.535	4354.23	5056.448	2.743	3.438	229.662	1.001	14.692
5/15/2017 7:35	380100	13.399	17.729	30.539	4352.022	5053.883	2.742	3.437	229.778	1.001	14.691
5/15/2017 7:40	380400	13.398	17.729	30.539	4348.455	5049.73	2.74	3.434	229.967	1.001	14.691
5/15/2017 7:45	380700	13.4	17.729	30.542	4345.84	5046.664	2.738	3.432	230.105	1.001	14.69
5/15/2017 7:50	381000	13.398	17.729	30.538	4343.003	5043.399	2.736	3.43	230.255	1.001	14.691
5/15/2017 7:55	381300	13.398	17.729	30.538	4339.669	5039.508	2.734	3.427	230.432	1.001	14.692
5/15/2017 8:00	381600	13.397	17.729	30.535	4336.861	5036.256	2.732	3.425	230.582	1.001	14.693
5/15/2017 8:05	381900	13.397	17.729	30.536	4334.083	5033.006	2.73	3.422	230.729	1.001	14.692
5/15/2017 8:10	382200	13.396	17.729	30.533	4332.782	5031.5	2.729	3.421	230.799	1.001	14.695
5/15/2017 8:15	382500	13.395	17.729	30.532	4329.195	5027.345	2.727	3.419	230.99	1.001	14.695
5/15/2017 8:20	382800	13.396	17.729	30.534	4327.22	5025.032	2.725	3.417	231.095	1.001	14.696
5/15/2017 8:25	383100	13.395	17.729	30.532	4324.979	5022.429	2.724	3.415	231.215	1.001	14.696
5/15/2017 8:30	383400	13.395	17.729	30.53	4322.772	5019.896	2.722	3.414	231.333	1.001	14.696
5/15/2017 8:35	383700	13.395	17.73	30.531	4320.514	5017.234	2.721	3.412	231.454	1.001	14.692
5/15/2017 8:40	384000	13.396	17.729	30.532	4319.117	5015.651	2.72	3.411	231.529	1.001	14.695
5/15/2017 8:45	384300	13.396	17.73	30.533	4316.502	5012.577	2.718	3.409	231.669	1.001	14.694
5/15/2017 8:50	384600	13.395	17.73	30.532	4314.199	5009.891	2.717	3.407	231.793	1.001	14.695
5/15/2017 8:55	384900	13.394	17.729	30.53	4310.504	5005.659	2.714	3.404	231.991	1.001	14.697
5/15/2017 9:00	385200	13.394	17.73	30.528	4309.607	5004.54	2.713	3.403	232.04	1.001	14.699
5/15/2017 9:05	385500	13.392	17.729	30.525	4307.732	5002.402	2.712	3.402	232.141	1.001	14.699
5/15/2017 9:10	385800	13.394	17.729	30.528	4306.27	5000.722	2.711	3.4	232.22	1.001	14.699
5/15/2017 9:15	386100	13.393	17.729	30.527	4304.599	4998.791	2.71	3.399	232.31	1.001	14.699
5/15/2017 9:20	386400	13.392	17.729	30.525	4303.38	4997.397	2.709	3.398	232.375	1.001	14.699
5/15/2017 9:25	386700	13.392	17.729	30.524	4301.42	4995.11	2.708	3.397	232.481	1.001	14.699
5/15/2017 9:30	387000	13.392	17.729	30.524	4299.478	4992.845	2.707	3.395	232.586	1.001	14.699
5/15/2017 9:35	3873										

5/15/2017 20:05	425100	13.357	17.729	30.444	4245.298	4929.995	2.67	3.352	235.555	1.001	14.718
5/15/2017 20:10	425400	13.354	17.729	30.439	4246.729	4931.667	2.671	3.354	235.475	1.001	14.72
5/15/2017 20:15	425700	13.353	17.728	30.436	4244.557	4929.154	2.67	3.352	235.596	1.001	14.723
5/15/2017 20:20	426000	13.352	17.728	30.434	4245.207	4929.917	2.67	3.352	235.56	1.001	14.724
5/15/2017 20:25	426300	13.35	17.728	30.429	4245.18	4929.935	2.67	3.352	235.561	1.001	14.726
5/15/2017 20:30	426600	13.349	17.728	30.427	4246.918	4931.954	2.672	3.354	235.465	1.001	14.727
5/15/2017 20:35	426900	13.349	17.728	30.427	4245.354	4930.088	2.672	3.352	235.552	1.001	14.732
5/15/2017 20:40	427200	13.348	17.728	30.425	4245.474	4930.266	2.671	3.353	235.545	1.001	14.728
5/15/2017 20:45	427500	13.349	17.728	30.426	4245.121	4929.847	2.67	3.352	235.565	1.001	14.728
5/15/2017 20:50	427800	13.347	17.729	30.423	4245.701	4930.463	2.671	3.353	235.532	1.001	14.729
5/15/2017 20:55	428100	13.349	17.729	30.427	4246.67	4931.58	2.671	3.353	235.479	1.001	14.73
5/15/2017 21:00	428400	13.349	17.728	30.425	4245.899	4930.709	2.671	3.353	235.525	1.001	14.731
5/15/2017 21:05	428700	13.348	17.729	30.425	4246.198	4931.03	2.671	3.353	235.505	1.001	14.731
5/15/2017 21:10	429000	13.35	17.728	30.429	4245.996	4930.853	2.671	3.353	235.516	1.001	14.731
5/15/2017 21:15	429300	13.35	17.728	30.429	4245.458	4930.228	2.671	3.353	235.546	1.001	14.731
5/15/2017 21:20	429600	13.349	17.728	30.426	4246.379	4931.289	2.671	3.353	235.495	1.001	14.732
5/15/2017 21:25	429900	13.35	17.728	30.428	4246.11	4930.985	2.671	3.353	235.51	1.001	14.734
5/15/2017 21:30	430200	13.349	17.728	30.427	4245.722	4930.553	2.671	3.353	235.531	1.001	14.736
5/15/2017 21:35	430500	13.348	17.729	30.424	4246.78	4931.726	2.671	3.354	235.473	1.001	14.737
5/15/2017 21:40	430800	13.349	17.728	30.425	4246.23	4931.163	2.671	3.353	235.503	1.001	14.739
5/15/2017 21:45	431100	13.347	17.728	30.422	4246.499	4931.485	2.671	3.353	235.488	1.001	14.74
5/15/2017 21:50	431400	13.349	17.728	30.426	4246.455	4931.396	2.671	3.353	235.491	1.001	14.74
5/15/2017 21:55	431700	13.349	17.728	30.426	4245.431	4930.177	2.671	3.353	235.547	1.001	14.739
5/15/2017 22:00	432000	13.349	17.728	30.426	4245.908	4930.761	2.671	3.353	235.521	1.001	14.749
5/15/2017 22:05	432300	13.346	17.728	30.42	4247.286	4932.37	2.672	3.354	235.444	1.001	14.742
5/15/2017 22:10	432600	13.344	17.728	30.415	4247.46	4932.583	2.672	3.354	235.435	1.001	14.745
5/15/2017 22:15	432900	13.341	17.728	30.408	4247.021	4932.073	2.672	3.354	235.459	1.001	14.748
5/15/2017 22:20	433200	13.34	17.728	30.407	4246.62	4931.577	2.671	3.353	235.481	1.001	14.749
5/15/2017 22:25	433500	13.341	17.728	30.409	4247.56	4932.649	2.672	3.354	235.429	1.001	14.749
5/15/2017 22:30	433800	13.339	17.728	30.404	4247.975	4933.151	2.672	3.355	235.406	1.001	14.75
5/15/2017 22:35	434100	13.339	17.728	30.403	4247.124	4932.149	2.672	3.354	235.453	1.001	14.751
5/15/2017 22:40	434400	13.339	17.728	30.403	4247.419	4932.554	2.672	3.354	235.437	1.001	14.752
5/15/2017 22:45	434700	13.339	17.728	30.403	4249.015	4934.397	2.673	3.355	235.349	1.001	14.753
5/15/2017 22:50	435000	13.34	17.728	30.405	4248.732	4934.011	2.673	3.355	235.364	1.001	14.751
5/15/2017 22:55	435300	13.341	17.728	30.407	4248.742	4934.08	2.673	3.355	235.364	1.001	14.75
5/15/2017 23:00	435600	13.343	17.728	30.412	4248.235	4933.502	2.672	3.355	235.392	1.001	14.749
5/15/2017 23:05	435900	13.342	17.728	30.411	4248.48	4933.749	2.673	3.355	235.378	1.001	14.748
5/15/2017 23:10	436200	13.343	17.728	30.414	4248.876	4934.169	2.673	3.355	235.356	1.001	14.748
5/15/2017 23:15	436500	13.344	17.729	30.416	4249.045	4934.346	2.673	3.355	235.347	1.001	14.747
5/15/2017 23:20	436800	13.341	17.728	30.409	4248.97	4934.345	2.673	3.355	235.351	1.001	14.749
5/15/2017 23:25	437100	13.34	17.728	30.405	4250.081	4935.578	2.674	3.356	235.29	1.001	14.751
5/15/2017 23:30	437400	13.339	17.728	30.403	4250.327	4935.931	2.674	3.356	235.276	1.001	14.753
5/15/2017 23:35	437700	13.342	17.728	30.41	4250.146	4935.753	2.674	3.356	235.274	1.001	14.751
5/15/2017 23:40	438000	13.344	17.728	30.416	4252.763	4938.75	2.676	3.358	235.141	1.001	14.748
5/15/2017 23:45	438300	13.346	17.728	30.419	4254.243	4940.498	2.677	3.36	235.059	1.001	14.746
5/15/2017 23:50	438600	13.345	17.728	30.418	4259.58	4946.677	2.68	3.364	234.765	1.001	14.747
5/15/2017 23:55	438900	13.344	17.727	30.414	4266.562	4954.841	2.685	3.369	234.381	1.001	14.749
5/16/2017 0:00	439200	13.342	17.727	30.41	4272.273	4961.494	2.689	3.374	234.067	1.001	14.75
5/16/2017 0:05	439500	13.342	17.727	30.412	4277.946	4968.062	2.692	3.378	233.757	1.001	14.751
5/16/2017 0:10	439800	13.34	17.727	30.405	4283.122	4974.083	2.696	3.382	233.475	1.001	14.751
5/16/2017 0:15	440100	13.338	17.727	30.402	4288.155	4979.947	2.699	3.386	233.201	1.001	14.752
5/16/2017 0:20	440400	13.34	17.727	30.407	4292.761	4985.277	2.702	3.39	232.95	1.001	14.751
5/16/2017 0:25	440700	13.342	17.727	30.41	4297.81	4991.17	2.706	3.394	232.677	1.001	14.75
5/16/2017 0:30	441000	13.342	17.727	30.41	4302.154	4996.215	2.709	3.397	232.442	1.001	14.749
5/16/2017 0:35	441300	13.343	17.727	30.413	4307.633	5002.354	2.712	3.402	232.157	1.001	14.749
5/16/2017 0:40	441600	13.343	17.727	30.413	4310.708	5006.157	2.714	3.404	231.98	1.001	14.748
5/16/2017 0:45	441900	13.343	17.727	30.412	4315.776	5012.024	2.718	3.408	231.708	1.001	14.748
5/16/2017 0:50	442200	13.344	17.727	30.415	4320.652	5017.697	2.721	3.412	231.447	1.001	14.747
5/16/2017 0:55	442500	13.346	17.727	30.42	4323.715	5021.215	2.723	3.414	231.283	1.001	14.747
5/16/2017 1:00	442800	13.347	17.727	30.421	4328.246	5026.505	2.726	3.418	231.04	1.001	14.746
5/16/2017 1:05	443100	13.345	17.727	30.418	4332.263	5031.162	2.729	3.421	230.826	1.001	14.747
5/16/2017 1:10	443400	13.344	17.727	30.415	4335.816	5035.326	2.731	3.424	230.637	1.001	14.744
5/16/2017 1:15	443700	13.346	17.727	30.419	4340.342	5040.563	2.734	3.428	230.397	1.001	14.747
5/16/2017 1:20	444000	13.345	17.727	30.417	4345.308	5046.339	2.738	3.432	230.133	1.001	14.746
5/16/2017 1:25	444300	13.345	17.727	30.418	4349.243	5050.93	2.74	3.435	229.925	1.001	14.745
5/16/2017 1:30	444600	13.346	17.727	30.419	4353.384	5055.691	2.743	3.438	229.706	1.001	14.744
5/16/2017 1:35	444900	13.344	17.727	30.416	4356.994	5059.911	2.745	3.441	229.516	1.001	14.745
5/16/2017 1:40	445200	13.345	17.727	30.418	4359.91	5063.289	2.747	3.443	229.363	1.001	14.748
5/16/2017 1:45	445500	13.344	17.727	30.416	4364.691	5068.85	2.751	3.447	229.111	1.001	14.746
5/16/2017 1:50	445800	13.342	17.727	30.411	4367.176	5071.708	2.752	3.449	228.981	1.001	14.748
5/16/2017 1:55	446100	13.34	17.727	30.405	4371.751	5077.029	2.755	3.452	228.741	1.001	14.75
5/16/2017 2:00	446400	13.336	17.727	30.397	4374.99	5080.782	2.757	3.455	228.572	1.001	14.752
5/16/2017 2:05	446700	13.34	17.727	30.406	4378.655	5085.066	2.76	3.458	228.381	1.001	14.75
5/16/2017 2:10	447000	13.341	17.727	30.408	4382.591	5089.658	2.763	3.461	228.176	1.001	14.751
5/16/2017 2:15	447300	13.344	17.727	30.415	4386.809	5094.546	2.765	3.464	227.956	1.001	14.745
5/16/2017 2:20	447600	13.342	17.727	30.411	4390.495	5098.776	2.768	3.467	227.765	1.001	14.746
5/16/2017 2:25	447900	13.341	17.727	30.408	4393.076	5101.814	2.77	3.469	227.631	1.001	14.747
5/16/2017 2:30	448200	13.34	17.727	30.406	4396.564	5105.825	2.772	3.472	227.45	1.001	14.749
5/16/2017 2:35	448500	13.34	17.727	30.406	4398.346	5107.894	2.773	3.473	227.358	1.001	14.748
5/16/2017 2:40	448800	13.34	17.727	30.405	4402.757	5113.057	2.776	3.477	227.13	1.001	14.748
5/16/2017 2:45	449100	13.343	17.726	30.413	4404.819	5115.491	2.777	3.479	227.024	1.001	14.747
5/16/2017 2:50	449400	13.344	17.727	30.416	4407.972	5119.104	2.78	3.481	226.862	1.001	14.746
5/16/2017 2:55	449700	13.345	17.727	30.418	4411.021	5122.675	2.782	3.483	226.705	1.001	14.745
5/16/2017 3:00	450000	13.346	17.727	30.419	4414.638	5126.835	2.784	3.486	226.519	1.001	14.743
5/16/2017 3:05	450300	13.346	17.727	30.419	4417.447	5130.146	2.786	3.488	226.37		

5/16/2017 13:40	488400	13.335	17.729	30.394	4278.803	4968.894	2.693	3.379	233.71	1.001	14.782
5/16/2017 13:45	488700	13.334	17.728	30.392	4278.999	4969.16	2.693	3.379	233.7	1.001	14.784
5/16/2017 13:50	489000	13.334	17.728	30.393	4277.562	4967.541	2.692	3.378	233.778	1.001	14.784
5/16/2017 13:55	489300	13.334	17.728	30.391	4277.068	4966.909	2.692	3.377	233.805	1.001	14.784
5/16/2017 14:00	489600	13.335	17.729	30.394	4277.094	4966.928	2.692	3.378	233.804	1.001	14.784
5/16/2017 14:05	489900	13.333	17.728	30.39	4275.992	4965.687	2.691	3.377	233.864	1.001	14.784
5/16/2017 14:10	490200	13.332	17.728	30.387	4275.466	4965.059	2.691	3.376	233.893	1.001	14.785
5/16/2017 14:15	490500	13.33	17.728	30.383	4274.85	4964.341	2.69	3.376	233.926	1.001	14.785
5/16/2017 14:20	490800	13.331	17.728	30.386	4274.334	4963.753	2.69	3.375	233.955	1.001	14.785
5/16/2017 14:25	491100	13.332	17.728	30.388	4273.559	4962.833	2.689	3.375	233.997	1.001	14.784
5/16/2017 14:30	491400	13.333	17.728	30.39	4273.957	4963.323	2.69	3.375	233.975	1.001	14.784
5/16/2017 14:35	491700	13.332	17.728	30.388	4273.089	4962.347	2.689	3.374	234.023	1.001	14.784
5/16/2017 14:40	492000	13.334	17.729	30.393	4272.684	4961.807	2.689	3.374	234.045	1.001	14.784
5/16/2017 14:45	492300	13.333	17.728	30.391	4272.076	4961.149	2.688	3.374	234.078	1.001	14.784
5/16/2017 14:50	492600	13.335	17.728	30.394	4271.977	4960.996	2.688	3.373	234.084	1.001	14.784
5/16/2017 14:55	492900	13.333	17.729	30.39	4271.471	4960.36	2.688	3.373	234.111	1.001	14.784
5/16/2017 15:00	493200	13.333	17.729	30.391	4269.666	4958.302	2.687	3.372	234.21	1.001	14.784
5/16/2017 15:05	493500	13.335	17.729	30.394	4269.85	4958.478	2.687	3.372	234.2	1.001	14.783
5/16/2017 15:10	493800	13.334	17.728	30.392	4268.59	4957.063	2.686	3.371	234.269	1.001	14.782
5/16/2017 15:15	494100	13.338	17.728	30.402	4269.023	4957.575	2.686	3.371	234.246	1.001	14.781
5/16/2017 15:20	494400	13.335	17.729	30.394	4268.611	4957.059	2.686	3.371	234.268	1.001	14.781
5/16/2017 15:25	494700	13.334	17.729	30.391	4266.997	4955.203	2.685	3.37	234.357	1.001	14.782
5/16/2017 15:30	495000	13.332	17.728	30.387	4267.5	4955.816	2.685	3.37	234.329	1.001	14.782
5/16/2017 15:35	495300	13.331	17.728	30.385	4266.956	4955.165	2.685	3.37	234.359	1.001	14.783
5/16/2017 15:40	495600	13.329	17.728	30.38	4266.291	4954.413	2.685	3.369	234.396	1.001	14.784
5/16/2017 15:45	495900	13.327	17.729	30.377	4265.404	4953.353	2.684	3.368	234.444	1.001	14.786
5/16/2017 15:50	496200	13.33	17.728	30.383	4264.954	4952.879	2.684	3.368	234.469	1.001	14.783
5/16/2017 15:55	496500	13.334	17.728	30.391	4264.199	4951.992	2.683	3.367	234.511	1.001	14.78
5/16/2017 16:00	496800	13.335	17.729	30.394	4263.45	4951.083	2.683	3.367	234.552	1.001	14.777
5/16/2017 16:05	497100	13.334	17.728	30.393	4264.137	4951.901	2.683	3.367	234.514	1.001	14.778
5/16/2017 16:10	497400	13.332	17.729	30.389	4263.699	4950.202	2.682	3.366	234.593	1.001	14.779
5/16/2017 16:15	497700	13.333	17.728	30.39	4263.161	4950.758	2.682	3.367	234.568	1.001	14.78
5/16/2017 16:20	498000	13.332	17.728	30.388	4261.683	4949.08	2.681	3.365	234.649	1.001	14.778
5/16/2017 16:25	498300	13.333	17.728	30.391	4261.844	4949.267	2.682	3.366	234.64	1.001	14.777
5/16/2017 16:30	498600	13.335	17.729	30.396	4260.738	4947.916	2.681	3.365	234.701	1.001	14.775
5/16/2017 16:35	498900	13.333	17.729	30.39	4261.109	4948.347	2.681	3.365	234.681	1.001	14.775
5/16/2017 16:40	499200	13.334	17.728	30.392	4260.543	4947.756	2.681	3.364	234.712	1.001	14.776
5/16/2017 16:45	499500	13.333	17.728	30.39	4260.005	4947.132	2.68	3.364	234.741	1.001	14.776
5/16/2017 16:50	499800	13.333	17.728	30.39	4258.605	4945.477	2.679	3.363	234.819	1.001	14.775
5/16/2017 16:55	500100	13.334	17.729	30.391	4259.189	4946.106	2.68	3.363	234.786	1.001	14.775
5/16/2017 17:00	500400	13.335	17.728	30.394	4257.066	4943.681	2.678	3.362	234.904	1.001	14.774
5/16/2017 17:05	500700	13.333	17.728	30.39	4257.233	4943.894	2.678	3.362	234.894	1.001	14.776
5/16/2017 17:10	501000	13.332	17.729	30.389	4257.704	4944.469	2.679	3.362	234.868	1.001	14.775
5/16/2017 17:15	501300	13.332	17.728	30.387	4256.57	4943.143	2.678	3.361	234.931	1.001	14.778
5/16/2017 17:20	501600	13.333	17.728	30.389	4256.857	4943.458	2.678	3.362	234.915	1.001	14.777
5/16/2017 17:25	501900	13.334	17.728	30.393	4256.432	4942.963	2.678	3.361	234.939	1.001	14.775
5/16/2017 17:30	502200	13.336	17.728	30.396	4255.71	4942.125	2.677	3.361	234.978	1.001	14.774
5/16/2017 17:35	502500	13.332	17.728	30.388	4254.428	4940.684	2.677	3.36	235.049	1.001	14.776
5/16/2017 17:40	502800	13.332	17.728	30.388	4254.898	4941.182	2.677	3.36	235.023	1.001	14.778
5/16/2017 17:45	503100	13.328	17.729	30.379	4254.602	4940.857	2.677	3.36	235.04	1.001	14.78
5/16/2017 17:50	503400	13.327	17.728	30.377	4254.005	4940.145	2.676	3.359	235.073	1.001	14.781
5/16/2017 17:55	503700	13.332	17.729	30.387	4252.915	4938.849	2.676	3.358	235.133	1.001	14.781
5/16/2017 18:00	504000	13.326	17.729	30.373	4254.368	4940.537	2.677	3.36	235.053	1.001	14.782
5/16/2017 18:05	504300	13.327	17.728	30.377	4253.964	4940.097	2.676	3.359	235.075	1.001	14.78
5/16/2017 18:10	504600	13.33	17.728	30.382	4252.138	4938.043	2.675	3.358	235.176	1.001	14.778
5/16/2017 18:15	504900	13.332	17.728	30.387	4252.129	4937.986	2.675	3.358	235.176	1.001	14.776
5/16/2017 18:20	505200	13.329	17.728	30.38	4253.209	4939.23	2.676	3.359	235.117	1.001	14.777
5/16/2017 18:25	505500	13.33	17.728	30.384	4252.723	4938.656	2.675	3.358	235.143	1.001	14.778
5/16/2017 18:30	505800	13.326	17.728	30.373	4250.829	4936.495	2.674	3.357	235.248	1.001	14.779
5/16/2017 18:35	506100	13.328	17.728	30.379	4251.936	4937.723	2.675	3.358	235.187	1.001	14.776
5/16/2017 18:40	506400	13.331	17.728	30.385	4251.896	4937.686	2.675	3.358	235.189	1.001	14.773
5/16/2017 18:45	506700	13.332	17.728	30.387	4250.864	4936.488	2.674	3.357	235.246	1.001	14.778
5/16/2017 18:50	507000	13.331	17.728	30.385	4249.111	4934.509	2.673	3.355	235.343	1.001	14.772
5/16/2017 18:55	507300	13.329	17.728	30.382	4249.475	4934.932	2.673	3.356	235.323	1.001	14.773
5/16/2017 19:00	507600	13.329	17.728	30.381	4248.952	4934.257	2.673	3.355	235.352	1.001	14.774
5/16/2017 19:05	507900	13.329	17.728	30.381	4249.639	4935.075	2.673	3.356	235.314	1.001	14.775
5/16/2017 19:10	508200	13.328	17.728	30.378	4249.394	4934.829	2.673	3.356	235.328	1.001	14.776
5/16/2017 19:15	508500	13.326	17.728	30.375	4247.741	4932.895	2.672	3.354	235.419	1.001	14.779
5/16/2017 19:20	508800	13.328	17.728	30.378	4249.06	4934.411	2.673	3.355	235.346	1.001	14.775
5/16/2017 19:25	509100	13.329	17.728	30.38	4247.236	4932.274	2.672	3.354	235.447	1.001	14.773
5/16/2017 19:30	509400	13.331	17.728	30.385	4248.18	4933.389	2.672	3.355	235.395	1.001	14.772
5/16/2017 19:35	509700	13.329	17.728	30.38	4246.708	4931.661	2.671	3.354	235.477	1.001	14.773
5/16/2017 19:40	510000	13.328	17.728	30.379	4248.176	4933.376	2.672	3.355	235.395	1.001	14.775
5/16/2017 19:45	510300	13.325	17.728	30.372	4246.621	4931.589	2.671	3.353	235.481	1.001	14.778
5/16/2017 19:50	510600	13.327	17.728	30.376	4247.314	4932.394	2.672	3.354	235.443	1.001	14.777
5/16/2017 19:55	510900	13.332	17.728	30.387	4246.437	4931.375	2.671	3.353	235.492	1.001	14.776
5/16/2017 20:00	511200	13.326	17.728	30.374	4245.619	4930.434	2.671	3.353	235.537	1.001	14.776
5/16/2017 20:05	511500	13.326	17.728	30.374	4245.027	4929.7	2.67	3.352	235.57	1.001	14.776
5/16/2017 20:10	511800	13.326	17.728	30.375	4246.091	4930.993	2.671	3.353	235.511	1.001	14.775
5/16/2017 20:15	512100	13.325	17.728	30.376	4244.579	4929.207	2.67	3.352	235.595	1.001	14.775
5/16/2017 20:20	512400	13.325	17.728	30.373	4244.452	4929.06	2.67	3.352	235.602	1.001	14.773
5/16/2017 20:25	512700	13.329	17.728	30.381	4245.612	4930.398	2.671	3.353	235.537	1.001	14.772
5/16/2017 20:30	513000	13.328	17.728	30.38	4244.597	4929.2	2.67	3.352	235.594	1.001	14.771
5/16/2017 20:35	513300	13.328	17.728	30.379	4243.498	4928.01	2.669	3.351	235.655	1.001	14.772
5/16/2017 20:40	513600	13.328	17.728	30.378	4245.074						

5/17/2017 7:15	551700	13.337	17.729	30.399	4357.308	5060.08	2.745	3.441	229.499	1.001	14.756
5/17/2017 7:20	552000	13.333	17.728	30.39	4355.596	5058.111	2.744	3.44	229.59	1.001	14.759
5/17/2017 7:25	552300	13.333	17.728	30.39	4353.088	5055.229	2.743	3.438	229.722	1.001	14.761
5/17/2017 7:30	552600	13.331	17.729	30.386	4352.508	5054.506	2.742	3.437	229.753	1.001	14.763
5/17/2017 7:35	552900	13.333	17.729	30.389	4350.126	5051.739	2.741	3.435	229.878	1.001	14.763
5/17/2017 7:40	553200	13.332	17.728	30.388	4348.076	5049.397	2.739	3.434	229.987	1.001	14.764
5/17/2017 7:45	553500	13.333	17.728	30.391	4346.042	5047.026	2.738	3.432	230.094	1.001	14.764
5/17/2017 7:50	553800	13.333	17.729	30.389	4344.904	5045.666	2.737	3.431	230.155	1.001	14.765
5/17/2017 7:55	554100	13.33	17.729	30.384	4343.652	5044.211	2.736	3.43	230.221	1.001	14.766
5/17/2017 8:00	554400	13.33	17.729	30.383	4341.965	5042.205	2.735	3.429	230.31	1.001	14.768
5/17/2017 8:05	554700	13.333	17.728	30.389	4340.758	5040.899	2.734	3.428	230.375	1.001	14.766
5/17/2017 8:10	555000	13.332	17.728	30.387	4339.037	5038.901	2.733	3.426	230.466	1.001	14.765
5/17/2017 8:15	555300	13.333	17.728	30.393	4337.683	5037.26	2.732	3.425	230.538	1.001	14.764
5/17/2017 8:20	555600	13.332	17.729	30.388	4336.539	5035.951	2.732	3.424	230.599	1.001	14.765
5/17/2017 8:25	555900	13.331	17.728	30.386	4334.354	5033.443	2.73	3.423	230.715	1.001	14.766
5/17/2017 8:30	556200	13.329	17.729	30.38	4332.795	5031.594	2.729	3.421	230.798	1.001	14.767
5/17/2017 8:35	556500	13.331	17.728	30.385	4331.862	5030.588	2.728	3.421	230.848	1.001	14.765
5/17/2017 8:40	556800	13.335	17.729	30.395	4330.659	5029.133	2.728	3.42	230.912	1.001	14.763
5/17/2017 8:45	557100	13.336	17.728	30.396	4329.548	5027.892	2.727	3.419	230.971	1.001	14.762
5/17/2017 8:50	557400	13.337	17.729	30.398	4328.726	5026.887	2.726	3.418	231.015	1.001	14.76
5/17/2017 8:55	557700	13.336	17.729	30.397	4326.373	5024.125	2.725	3.416	231.141	1.001	14.758
5/17/2017 9:00	558000	13.338	17.729	30.401	4325.523	5023.168	2.724	3.416	231.186	1.001	14.757
5/17/2017 9:05	558300	13.335	17.728	30.394	4324.895	5022.478	2.724	3.415	231.22	1.001	14.759
5/17/2017 9:10	558600	13.333	17.728	30.391	4323.091	5020.354	2.723	3.414	231.316	1.001	14.761
5/17/2017 9:15	558900	13.331	17.729	30.386	4319.969	5016.709	2.72	3.411	231.483	1.001	14.763
5/17/2017 9:20	559200	13.332	17.729	30.389	4317.785	5014.163	2.719	3.41	231.6	1.001	14.764
5/17/2017 9:25	559500	13.331	17.729	30.386	4317.317	5013.621	2.719	3.409	231.625	1.001	14.764
5/17/2017 9:30	559800	13.332	17.729	30.387	4314.829	5010.749	2.717	3.407	231.759	1.001	14.765
5/17/2017 9:35	560100	13.333	17.729	30.389	4314.219	5010.042	2.717	3.407	231.792	1.001	14.764
5/17/2017 9:40	560400	13.332	17.728	30.389	4314.224	5010.057	2.717	3.407	231.791	1.001	14.763
5/17/2017 9:45	560700	13.333	17.728	30.39	4313.442	5009.159	2.716	3.406	231.833	1.001	14.762
5/17/2017 9:50	561000	13.33	17.728	30.382	4312.587	5008.204	2.716	3.406	231.879	1.001	14.765
5/17/2017 9:55	561300	13.326	17.728	30.374	4312.222	5007.752	2.715	3.405	231.899	1.001	14.768
5/17/2017 10:00	561600	13.324	17.729	30.369	4310.48	5005.699	2.714	3.404	231.993	1.001	14.77
5/17/2017 10:05	561900	13.324	17.728	30.369	4310.418	5005.647	2.714	3.404	231.996	1.001	14.771
5/17/2017 10:10	562200	13.324	17.729	30.37	4309.022	5003.997	2.713	3.403	232.071	1.001	14.771
5/17/2017 10:15	562500	13.324	17.729	30.37	4307.653	5002.487	2.712	3.402	232.145	1.001	14.771
5/17/2017 10:20	562800	13.327	17.728	30.377	4307.212	5001.934	2.712	3.401	232.169	1.001	14.768
5/17/2017 10:25	563100	13.328	17.728	30.38	4306.765	5001.395	2.712	3.401	232.193	1.001	14.765
5/17/2017 10:30	563400	13.331	17.728	30.386	4307.239	5001.965	2.712	3.401	232.167	1.001	14.762
5/17/2017 10:35	563700	13.328	17.729	30.38	4305.466	4999.867	2.711	3.4	232.263	1.001	14.765
5/17/2017 10:40	564000	13.326	17.729	30.373	4305.378	4999.755	2.711	3.4	232.268	1.001	14.767
5/17/2017 10:45	564300	13.327	17.728	30.367	4304.436	4998.71	2.71	3.399	232.318	1.001	14.77
5/17/2017 10:50	564600	13.326	17.728	30.373	4303.224	4997.292	2.709	3.398	232.384	1.001	14.769
5/17/2017 10:55	564900	13.327	17.728	30.377	4303.494	4997.606	2.709	3.398	232.369	1.001	14.767
5/17/2017 11:00	565200	13.328	17.728	30.378	4302.46	4996.415	2.709	3.398	232.425	1.001	14.766
5/17/2017 11:05	565500	13.328	17.728	30.379	4302.456	4996.39	2.709	3.398	232.425	1.001	14.768
5/17/2017 11:10	565800	13.324	17.728	30.37	4300.993	4994.701	2.708	3.396	232.504	1.001	14.769
5/17/2017 11:15	566100	13.324	17.728	30.369	4299.431	4993.665	2.708	3.396	232.522	1.001	14.771
5/17/2017 11:20	566400	13.324	17.728	30.37	4300.024	4993.567	2.707	3.396	232.557	1.001	14.771
5/17/2017 11:25	566700	13.324	17.728	30.37	4299.954	4993.485	2.707	3.396	232.561	1.001	14.77
5/17/2017 11:30	567000	13.323	17.729	30.367	4298.598	4991.901	2.706	3.394	232.634	1.001	14.771
5/17/2017 11:35	567300	13.321	17.728	30.363	4298.998	4992.375	2.706	3.395	232.612	1.001	14.77
5/17/2017 11:40	567600	13.323	17.728	30.367	4298.39	4991.679	2.706	3.394	232.645	1.001	14.769
5/17/2017 11:45	567900	13.323	17.728	30.368	4297.826	4991.023	2.706	3.394	232.676	1.001	14.768
5/17/2017 11:50	568200	13.324	17.729	30.369	4296.11	4988.962	2.704	3.392	232.769	1.001	14.769
5/17/2017 11:55	568500	13.324	17.728	30.37	4295.557	4988.388	2.704	3.392	232.799	1.001	14.768
5/17/2017 12:00	568800	13.325	17.728	30.372	4295.212	4988.007	2.704	3.392	232.817	1.001	14.767
5/17/2017 12:05	569100	13.326	17.729	30.374	4294.636	4987.27	2.703	3.391	232.849	1.001	14.767
5/17/2017 12:10	569400	13.324	17.729	30.37	4294.05	4986.619	2.703	3.391	232.88	1.001	14.767
5/17/2017 12:15	569700	13.325	17.728	30.372	4293.431	4985.92	2.703	3.39	232.914	1.001	14.768
5/17/2017 12:20	570000	13.326	17.728	30.373	4292.218	4984.511	2.702	3.389	232.98	1.001	14.771
5/17/2017 12:25	570300	13.324	17.728	30.371	4291.336	4983.487	2.701	3.389	233.028	1.001	14.769
5/17/2017 12:30	570600	13.324	17.728	30.369	4291.229	4983.412	2.701	3.389	233.033	1.001	14.769
5/17/2017 12:35	570900	13.323	17.729	30.367	4290.857	4982.893	2.701	3.388	233.054	1.001	14.77
5/17/2017 12:40	571200	13.322	17.728	30.365	4289.906	4981.826	2.7	3.388	233.105	1.001	14.771
5/17/2017 12:45	571500	13.323	17.728	30.366	4289.057	4980.831	2.7	3.387	233.151	1.001	14.772
5/17/2017 12:50	571800	13.323	17.729	30.367	4288.07	4979.667	2.699	3.386	233.205	1.001	14.773
5/17/2017 12:55	572100	13.323	17.728	30.367	4286.432	4977.821	2.698	3.385	233.294	1.001	14.769
5/17/2017 13:00	572400	13.326	17.728	30.374	4286.313	4977.653	2.698	3.385	233.301	1.001	14.768
5/17/2017 13:05	572700	13.324	17.729	30.369	4285.166	4976.293	2.697	3.384	233.363	1.001	14.768
5/17/2017 13:10	573000	13.323	17.728	30.366	4284.571	4975.669	2.697	3.383	233.396	1.001	14.768
5/17/2017 13:15	573300	13.321	17.729	30.363	4284.65	4975.704	2.697	3.383	233.391	1.001	14.769
5/17/2017 13:20	573600	13.323	17.728	30.366	4285.613	4976.841	2.697	3.384	233.399	1.001	14.769
5/17/2017 13:25	573900	13.325	17.729	30.372	4285.341	4976.476	2.697	3.384	233.354	1.001	14.764
5/17/2017 13:30	574200	13.326	17.728	30.373	4286.573	4977.946	2.698	3.385	233.287	1.001	14.761
5/17/2017 13:35	574500	13.324	17.728	30.369	4285.805	4977.074	2.698	3.384	233.328	1.001	14.763
5/17/2017 13:40	574800	13.322	17.728	30.365	4286.064	4977.395	2.698	3.385	233.314	1.001	14.765
5/17/2017 13:45	575100	13.318	17.728	30.356	4285.626	4976.894	2.697	3.384	233.338	1.001	14.767
5/17/2017 13:50	575400	13.319	17.728	30.364	4284.614	4975.619	2.697	3.383	233.393	1.001	14.765
5/17/2017 13:55	575700	13.32	17.728	30.361	4283.351	4974.224	2.696	3.382	233.462	1.001	14.764
5/17/2017 14:00	576000	13.32	17.728	30.36	4283.033	4973.874	2.696	3.382	233.479	1.001	14.763
5/17/2017 14:05	576300	13.319	17.728	30.358	4280.827	4971.313	2.694	3.38	233.6	1.001	14.761
5/17/2017 14:10	576600	13.321	17.729	30.363	4280.582	4970.979	2.694	3.38	233.613	1.001	14.759
5/17/2017 14:15	576900	13.323	17.728	30.366	4278.988	4969.138	2.693	3.37			

Report Date: 5/19/2017 8:54
Report User Name: AVanHaitsma
Report Computer Name: WKST34
Application: WinSitu.exe
Application Version: 5.6.25.0

Log File Properties
File Name MPWSP MW-SD Pre Test_2017-05-18_17-28-53-735-BaroMerge.wsl
Create Date 5/19/2017 8:52

Device Properties
Device Aqua TROLL 200
Site MPWSP MW-SD
Device Name
Serial Number 398697
Firmware Version 2
Hardware Version 2
Device Address 1
Device Comm Cfg 19200 8 Even 1 (Modbus-RTU)
Used Memory 87
Used Battery 37

Log Configuration
Log Name MPWSP MW-SD Pre Test
Created By Skuiپر
Computer Name PROBOOK8
Application WinSitu.exe
Application Version 5.6.25.0
Create Date 1/26/2017 10:34:48 AM Pacific Standard Time
Log Setup Time Zone Pacific Standard Time
Notes Size(bytes) 4096
Overwrite when full Enabled
Scheduled Start Time 1/26/2017 10:45:00 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: 369.568 (ft)
Head Pressure: 162.141 (PSI)
Temperature: 21.3228 (C)
Specific Conductivity Model: Standard Methods
Reference Temperature: 25
Temperature Coefficient: 0.0191
TDS Factor: 0.68

Log Notes:
Date and Time Note
1/26/2017 10:36 Sensor SN: 398697 Factory calibration has expired.: 1/14/2016 1:56:18 PM
1/26/2017 10:36 Used Battery: 37% Used Memory: 90% User Name: Skuiپر
1/26/2017 10:46 Log Download - Used Battery: 37% Used Memory: 90% User Name: Skuiپر
2/2/2017 18:25 Log Download - Used Battery: 37% Used Memory: 90% User Name: WMassoll Interval - Start Time: 1/26/2017 10:45:00 AM Stop Time: 2/2/2017 7:15:00 PM
2/9/2017 15:08 Log Download - Used Battery: 37% Used Memory: 92% User Name: EHernandez Interval - Start Time: 2/1/2017 12:00:00 AM Stop Time: 2/9/2017 4:00:00 PM
2/16/2017 11:26 Log Download - Used Battery: 38% Used Memory: 92% User Name: WMassoll Interval - Start Time: 2/8/2017 10:00:00 PM Stop Time: 2/16/2017 11:15:00 AM
2/23/2017 14:47 Log Download - Used Battery: 38% Used Memory: 93% User Name: EHernandez Interval - Start Time: 2/15/2017 12:00:00 AM Stop Time: 2/23/2017 3:45:00 PM
3/2/2017 16:19 Log Download - Used Battery: 38% Used Memory: 93% User Name: Skuiپر Interval - Start Time: 1/31/2017 10:00:00 PM Stop Time: 3/2/2017 5:15:00 PM
3/9/2017 11:43 Log Download - Used Battery: 39% Used Memory: 95% User Name: WMassoll Interval - Start Time: 3/1/2017 11:30:00 PM Stop Time: 3/9/2017 11:30:00 AM
3/16/2017 15:44 Log Download - Used Battery: 39% Used Memory: 95% User Name: WMassoll Interval - Start Time: 3/8/2017 10:00:00 PM Stop Time: 3/16/2017 4:30:00 PM
3/23/2017 14:34 Log Download - Used Battery: 40% Used Memory: 96% User Name: AVanHaitsma Interval - Start Time: 3/15/2017 10:00:00 PM Stop Time: 3/23/2017 3:30:00 PM
3/30/2017 12:49 Log Download - Used Battery: 40% Used Memory: 96% User Name: AVanHaitsma Interval - Start Time: 3/22/2017 10:00:00 PM Stop Time: 3/30/2017 1:45:00 PM
4/6/2017 12:38 Log Download - Used Battery: 40% Used Memory: 98% User Name: WMassoll Interval - Start Time: 2/28/2017 12:00:00 PM Stop Time: 4/6/2017 1:30:00 PM
4/13/2017 10:52 Log Download - Used Battery: 41% Used Memory: 98% User Name: WMassoll Interval - Start Time: 4/5/2017 12:00:00 PM Stop Time: 4/13/2017 1:45:00 PM
4/20/2017 11:52 Log Download - Used Battery: 41% Used Memory: 100% User Name: AVanHaitsma Interval - Start Time: 4/12/2017 10:00:00 PM Stop Time: 4/20/2017 12:45:00 PM
4/27/2017 11:47 Log Download - Used Battery: 41% Used Memory: 100% User Name: WMassoll Interval - Start Time: 4/19/2017 10:00:00 PM Stop Time: 4/27/2017 12:45:00 PM
5/4/2017 12:17 Log Download - Used Battery: 42% Used Memory: 98% User Name: AVanHaitsma Interval - Start Time: 3/31/2017 10:00:00 PM Stop Time: 5/4/2017 1:15:00 PM
5/11/2017 11:29 Log Download - Used Battery: 42% Used Memory: 98% User Name: AVanHaitsma Interval - Start Time: 5/3/2017 10:00:00 PM Stop Time: 5/11/2017 12:15:00 PM
5/18/2017 17:29 Log Download - Used Battery: 43% Used Memory: 100% User Name: WMassoll Interval - Start Time: 5/10/2017 10:00:00 PM Stop Time: 5/18/2017 7:00:00 PM
5/19/2017 8:52 User Note: "Pressure & Level adjusted by baro data from: "MPWSP Barotroll_2017-05-18_53-25-090.wsl""

Log Data:
Record Count 750

Sensors
2
1 398697 PCTD 300 PSIA (200.7m/658.7ft)
2 0 Baro-Adjustment Calc

Time Zone: Pacific Daylight Time

		Sensor: PCTD(A) 658.7ft SNR: 398697	Sensor: PCTD(A) 658.7ft SNR: 398697	Sensor: PCTD(A) 658.7ft SNR: 398697	Sensor: PCTD(A) 658.7ft SNR: 398697	Sensor: PCTD(A) 658.7ft SNR: 398697	Sensor: PCTD(A) 658.7ft SNR: 398697	Sensor: PCTD(A) 658.7ft SNR: 398697	Sensor: PCTD(A) 658.7ft SNR: 398697	Sensor: PCTD(A) 658.7ft SNR: 398697	Sensor: Baro-Adj Calc SNR: 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)
5/11/2017 0:00	7200	143.233	21.329	326.473	4910.03	5280.214	2.88	3.591	203.665	1	14.804
5/11/2017 0:15	8100	143.205	21.326	326.407	4910.27	5280.813	2.881	3.591	203.655	1	14.8
5/11/2017 0:30	9000	143.23	21.33	326.465	4910.891	5281.121	2.881	3.591	203.629	1	14.805
5/11/2017 0:45	9900	143.214	21.335	326.429	4910.847	5280.533	2.88	3.591	203.631	1	14.808
5/11/2017 1:00	10800	143.182	21.334	326.356	4912.315	5282.129	2.881	3.592	203.57	1	14.804
5/11/2017 1:15	11700	143.214	21.318	326.43	4910.853	5282.296	2.881	3.592	203.631	1	14.806
5/11/2017 1:30	12600	143.225	21.315	326.453	4909.837	5281.537	2.881	3.591	203.673	1	14.803
5/11/2017 1:45	13500	143.18	21.315	326.351	4908.41	5280.05	2.88	3.59	203.732	1	14.802
5/11/2017 2:00	14400	143.218	21.317	326.437	4907.326	5278.627	2.879	3.589	203.777	1	14.803
5/11/2017 2:15	15300	143.18	21.318	326.351	4906.292	5277.438	2.879	3.589	203.82	1	14.797
5/11/2017 2:30	16200	143.169	21.318	326.327	4906.3	5277.438	2.879	3.589	203.82	1	14.8
5/11/2017 2:45	17100	143.157	21.319	326.299	4904.921	5275.841	2.878	3.588	203.877	1	14.804
5/11/2017 3:00	18000	143.202	21.321	326.402	4905.45	5276.209	2.878	3.588	203.855	1	14.801
5/11/2017 3:15	18900	143.165	21.314	326.318	4904.065	5275.442	2.877	3.587	203.912	1	14.802
5/11/2017 3:30	19800	143.169	21.312	326.326	4903.496	5275.068	2.877	3.587	203.936	1	14.799
5/11/2017 3:45	20700	143.178	21.313	326.347	4901.302	5272.574	2.876	3.585	204.027	1	14.803
5/11/2017 4:00	21600	143.16	21.315	326.306	4899.744	5270.765	2.875	3.584	204.092	1	14.802
5/11/2017 4:15	22500	143.164	21.315	326.314	4898.052	5268.851	2.874	3.583	204.163	1	14.801
5/11/2017 4:30	23400	143.158	21.313	326.3	4897.111	5268.094	2.873	3.582	204.202	1	14.807
5/11/2017 4:45	24300	143.164	21.311	326.315	4896.124	5267.203	2.873	3.582	204.243	1	14.805
5/11/2017 5:00	25200	143.167	21.31	326.321	4893.998	5265.039	2.871	3.58	204.332	1	14.802
5/11/2017 5:15	26100	143.167	21.311	326.322	4892.206	5263.016	2.87	3.579	204.407	1	14.8
5/11/2017 5:30	27000	143.164	21.311	326.314	4890.338	5260.998	2.869	3.577	204.485	1	14.805
5/11/2017 5:45	27900	143.162	21.312	326.31	4889.231	5259.703	2.868	3.577	204.531	1	14.802
5/11/2017 6:00	28800	143.163	21.311	326.313	4887.708	5258.215	2.867	3.576	204.595	1	14.807
5/11/2017 6:15	29700	143.152	21.309	326.289	4886.313	5256.885	2.867	3.575	204.653	1	14.814
5/11/2017 6:30	30600	143.161	21.311	326.309	4883.509	5253.698	2.865	3.573	204.711	1	14.815
5/11/2017 6:45	31500	143.154	21.309	326.292	4882.157	5252.471	2.864	3.572	204.827	1	14.815
5/11/2017 7:00	32400	143.197	21.307	326.389	4879.652	5249.975	2.863	3.57	204.933	1	14.814
5/11/2017 7:15	33300	143.165	21.301	326.318	4877.906	5248.71	2.862	3.569	205.006	1	14.815
5/11/2017 7:30	34200	143.177	21.299	326.344	4876.394	5247.328	2.861	3.568	205.07	1	14.809
5/11/2017 7:45	35100	143.21	21.297	326.421	4876.319	5247.475	2.861	3.568	205.073	1	14.812
5/11/2017 8:00	36000	143.165	21.297	326.317	4872.997	5243.89	2.859	3.566	205.213	1	14.817
5/11/2017 8:15	36900	143.16	21.296	326.306	4872.683	5243.609	2.859	3.566	205.226	1	14.822
5/11/2017 8:30	37800	143.17	21.298	326.329	4872.168	5242.905	2.858	3.565	205.247	1	14.814
5/11/2017 8:45	38700	143.197	21.298	326.39	4872.14	5242.808	2.858	3.565	205.249	1	14.816
5/11/2017 9:00	39600	143.206	21.307	326.41	4873.674	5243.533	2.859	3.566	205.184	1	14.81
5/11/2017 9:15	40500	143.192	21.302	326.379	4873	5243.394	2.859	3.566	205.212	1	14.815
5/11/2017 9:30	41400	143.162	21.301	326.314	4874.371	5244.465	2.859	3.566	205.155	1	14.814
5/11/2017 9:45	42300	143.146	21.305	326.274	4874.405	5244.509	2.859	3.566	205.153	1	14.817
5/11/2017 10:00	43200	143.143	21.314	326.267	4877.517	5246.865	2.861	3.568	205.022	1	14.817
5/11/2017 10:15	44100	143.147	21.314	326.277	4878.716	5248.183	2.862	3.569	204.972	1	14.816
5/11/2017 10:30	45000	143.139	21.312	326.259	4882.229	5252.208	2.864	3.572	204.824	1	14.817
5/11/2017 10:45	45900	143.141	21.308	326.262	4882.606	5252.992	2.864	3.572	204.809	1	14.814
5/11/2017 11:00	46800	143.176	21.309	326.341	4883.887	5254.322	2.865	3.573	204.755	1	14.809
5/11/2017 11:15	47700	143.209	21.308	326.418	4884.222	5254.75	2.865	3.573	204.741	1	14.815
5/11/2017 11:30	48600	143.167	21.31	326.323	4885.774	5256.23	2.866	3.574	204.676	1	14.816
5/11/2017 11:45	49500	97.423	20.196	222.058	2552.299	2810.142	1.475	1.911	391.804	0.999	14.822
5/11/2017 12:00	50400	-0.012	15.469	-0.028	0	0	0	0	10000000	0.999	14.812
5/11/2017 12:15	51300	3.145	17.27	7.168	11028.108	12938.25	7.502	8.798	90.677	1.004	14.814
5/11/2017 12:30	52200	0.842	17.363	1.919	0	0	0	0	10000000	0.999	14.821
5/11/2017 12:45	53100	0.972	17.297	2.216	4289.613	5029.594	2.727	3.42	233.121	1.001	14.817
5/11/2017 13:00	54000	0.445	16.145	1.015	0	0	0	0	10000000	0.999	14.817
5/11/2017 13:15	54900	143.526	21.3	327.139	4921.79	5296.045	2.889	3.601	203.178	1	14.814
5/11/2017 13:30	55800	143.516	21.31	327.117	4920.418	5293.482	2.888	3.6	203.235	1	14.817
5/11/2017 13:45	56700	143.509	21.313	327.102	4906.741	5278.453	2.879	3.589	203.801	1	14.814
5/11/2017 14:00	57600	143.541	21.313	327.173	4917.001	5289.53	2.886	3.597	203.376	1	14.817
5/11/2017 14:15	58500	143.509	21.317	327.101	4918.03	5290.132	2.886	3.597	203.333	1	14.807
5/11/2017 14:30	59400	143.506	21.318	327.094	4917.68	5289.697	2.886	3.597	203.348	1	14.811
5/11/2017 14:45	60300	143.498	21.317	327.077	4916.523	5288.501	2.885	3.596	203.396	1	14.815
5/11/2017 15:00	61200	143.499	21.318	327.08	4914.88	5286.696	2.884	3.595	203.464	1	14.814
5/11/2017 15:15	62100	143.495	21.321	327.069	4912.975	5284.247	2.882	3.593	203.543	1	14.808
5/11/2017 15:30	63000	143.531	21.323	327.151	4910.703	5281.689	2.881	3.592	203.637	1	14.809
5/11/2017 15:45	63900	143.543	21.323	327.179	4907.856	5278.579	2.879	3.589	203.755	1	14.807
5/11/2017 16:00	64800	143.53	21.325	327.15	4904.934	5275.181	2.877	3.587	203.876	1	14.806
5/11/2017 16:15	65700	143.496	21.326	327.072	4902.853	5272.895	2.876	3.586	203.963	1	14.808
5/11/2017 16:30	66600	143.503	21.325	327.088	4900.644	5270.595	2.875	3.584	204.055	1	14.801
5/11/2017 16:45	67500	143.503	21.328	327.15	4898.837	5268.31	2.873	3.582	204.13	1	14.798
5/11/2017 17:00	68400	143.503	21.329	327.088	4896.576	5265.792	2.872	3.581	204.224	1	14.801
5/11/2017 17:15	69300	143.536	21.33	327.163	4897.351	5266.56	2.872	3.581	204.192	1	14.797
5/11/2017 17:30	70200	143.532	21.328	327.154	4899.176	5268.713	2.873	3.583	204.116	1	14.803
5/11/2017 17:45	71100	143.497	21.329	327.073	4900.612	5270.086	2.874	3.584	204.056	1	14.802
5/11/2017 18:00	72000	143.481	21.331	327.037	4902.309	5271.769	2.875	3.585	203.986	1	14.809
5/11/2017 18:15	72900	143.535	21.333	327.16	4902.993	5272.258	2.876	3.585	203.957	1	14.797
5/11/2017 18:30	73800	143.534	21.334	327.157	4904.317	5273.625	2.876	3.585	203.906	1	14.801
5/11/2017 18:45	74700	143.487	21.336	327.05	4905.007	5274.11	2.877	3.586	203.873	1	14.802
5/11/2017 19:00	75600	143.499	21.334	327.079	4902.885	5272.057	2.875	3.585	203.962	1	14.797
5/11/2017 19:15	76500	143.527	21.337	327.142	4905.373	5274.427	2.877	3.587	203.858	1	14.797
5/11/2017 19:30	77400	143.494	21.335	327.068							

5/12/2017 4:45	110700	143.412	21.313	326.879	4879.62	5249.259	2.862	3.569	204.934	1	14.809
5/12/2017 5:00	111600	143.448	21.313	326.962	4874.157	5243.459	2.859	3.566	205.164	1	14.806
5/12/2017 5:15	112500	143.403	21.312	326.86	4868.833	5237.751	2.855	3.562	205.388	1	14.81
5/12/2017 5:30	113400	143.401	21.312	326.856	4861.79	5230.239	2.851	3.557	205.686	1	14.812
5/12/2017 5:45	114300	143.45	21.311	326.967	4854.741	5222.684	2.847	3.551	205.984	1	14.811
5/12/2017 6:00	115200	143.411	21.311	326.879	4846.172	5216.777	2.843	3.547	206.221	1	14.81
5/12/2017 6:15	116100	143.404	21.306	326.863	4842.831	5209.917	2.839	3.543	206.491	1	14.813
5/12/2017 6:30	117000	143.409	21.306	326.872	4836.562	5203.689	2.836	3.539	206.758	1	14.814
5/12/2017 6:45	117900	143.413	21.305	326.883	4831.197	5198.031	2.832	3.535	206.988	1	14.817
5/12/2017 7:00	118800	143.452	21.303	326.971	4826.197	5192.856	2.829	3.531	207.202	1	14.817
5/12/2017 7:15	119700	143.42	21.304	326.899	4824.568	5191.064	2.828	3.53	207.272	1	14.815
5/12/2017 7:30	120600	143.412	21.302	326.88	4823.388	5190.032	2.828	3.529	207.325	1	14.818
5/12/2017 7:45	121500	143.406	21.305	326.867	4821.973	5187.977	2.827	3.528	207.389	1	14.818
5/12/2017 8:00	122400	143.404	21.305	326.862	4820.863	5186.912	2.826	3.527	207.432	1	14.819
5/12/2017 8:15	123300	143.415	21.302	326.887	4818.671	5184.925	2.825	3.526	207.526	1	14.815
5/12/2017 8:30	124200	143.41	21.299	326.876	4820.296	5186.982	2.826	3.527	207.456	1	14.82
5/12/2017 8:45	125100	143.448	21.304	326.962	4820.975	5187.125	2.826	3.527	207.427	1	14.815
5/12/2017 9:00	126000	143.42	21.302	326.899	4821.973	5188.423	2.827	3.528	207.384	1	14.818
5/12/2017 9:15	126900	143.424	21.304	326.958	4822.932	5189.202	2.827	3.529	207.343	1	14.813
5/12/2017 9:30	127800	143.412	21.304	326.881	4825.802	5192.3	2.829	3.531	207.219	1	14.818
5/12/2017 9:45	128700	143.447	21.312	326.961	4827.091	5192.845	2.829	3.531	207.164	1	14.812
5/12/2017 10:00	129600	143.415	21.313	326.888	4830.573	5196.534	2.832	3.534	207.015	1	14.815
5/12/2017 10:15	130500	143.417	21.308	326.893	4831.383	5197.902	2.832	3.535	206.98	1	14.816
5/12/2017 10:30	131400	143.426	21.302	326.912	4833.427	5200.748	2.834	3.537	206.893	1	14.815
5/12/2017 10:45	132300	143.421	21.306	326.901	4829.747	5196.385	2.831	3.534	207.05	1	14.816
5/12/2017 11:00	133200	143.433	21.304	326.928	4832.687	5199.735	2.833	3.536	206.924	1	14.817
5/12/2017 11:15	134100	143.427	21.307	326.914	4833.488	5200.326	2.834	3.536	206.89	1	14.812
5/12/2017 11:30	135000	143.435	21.313	326.933	4835.176	5201.524	2.834	3.537	206.818	1	14.815
5/12/2017 11:45	135900	143.475	21.312	327.025	4837.849	5204.465	2.836	3.539	206.703	1	14.812
5/12/2017 12:00	136800	143.443	21.313	326.951	4840.811	5207.577	2.838	3.541	206.577	1	14.808
5/12/2017 12:15	137700	143.436	21.315	326.936	4842.688	5209.305	2.839	3.542	206.497	1	14.817
5/12/2017 12:30	138600	143.447	21.312	326.959	4845.01	5212.196	2.841	3.544	206.398	1	14.805
5/12/2017 12:45	139500	143.458	21.311	326.984	4846.407	5213.793	2.842	3.545	206.338	1	14.803
5/12/2017 13:00	140400	143.461	21.311	326.991	4849.134	5216.688	2.843	3.547	206.222	1	14.802
5/12/2017 13:15	141300	143.471	21.312	327.014	4848.709	5216.12	2.843	3.547	206.24	1	14.803
5/12/2017 13:30	142200	143.469	21.309	327.01	4851.241	5219.134	2.845	3.549	206.133	1	14.8
5/12/2017 13:45	143100	143.474	21.321	327.021	4854.811	5223.024	2.847	3.552	205.981	1	14.801
5/12/2017 14:00	144000	143.476	21.316	327.025	4856.797	5224.416	2.848	3.553	205.897	1	14.798
5/12/2017 14:15	144900	143.486	21.312	327.049	4859.185	5227.417	2.849	3.555	205.796	1	14.796
5/12/2017 14:30	145800	143.486	21.311	327.05	4862.208	5230.753	2.851	3.557	205.668	1	14.798
5/12/2017 14:45	146700	143.536	21.318	327.163	4864.161	5232.083	2.852	3.558	205.585	1	14.788
5/12/2017 15:00	147600	143.537	21.316	327.164	4864.292	5232.441	2.852	3.558	205.58	1	14.794
5/12/2017 15:15	148500	143.539	21.316	327.165	4867.484	5235.609	2.854	3.56	205.445	1	14.795
5/12/2017 15:30	149400	143.538	21.318	327.167	4869.74	5238.122	2.856	3.562	205.35	1	14.783
5/12/2017 15:45	150300	143.514	21.318	327.112	4871.993	5240.554	2.857	3.564	205.255	1	14.784
5/12/2017 16:00	151200	143.532	21.313	327.154	4875.605	5245.017	2.86	3.567	205.103	1	14.777
5/12/2017 16:15	152100	143.558	21.317	327.214	4878.088	5247.187	2.861	3.568	204.998	1	14.784
5/12/2017 16:30	153000	143.566	21.318	327.232	4880.683	5249.911	2.863	3.57	204.889	1	14.774
5/12/2017 16:45	153900	143.537	21.32	327.166	4878.931	5247.888	2.861	3.569	204.963	1	14.79
5/12/2017 17:00	154800	143.536	21.321	327.162	4882.454	5251.438	2.863	3.571	204.815	1	14.784
5/12/2017 17:15	155700	143.582	21.315	327.267	4887.172	5257.156	2.867	3.575	204.617	1	14.781
5/12/2017 17:30	156600	143.552	21.319	327.2	4884.856	5254.221	2.865	3.573	204.714	1	14.782
5/12/2017 17:45	157500	143.554	21.315	327.204	4890.251	5260.451	2.869	3.577	204.488	1	14.778
5/12/2017 18:00	158400	143.556	21.318	327.208	4893.466	5263.604	2.87	3.579	204.354	1	14.78
5/12/2017 18:15	159300	143.564	21.316	327.226	4894.68	5265.185	2.871	3.58	204.303	1	14.779
5/12/2017 18:30	160200	143.563	21.316	327.224	4896.082	5266.626	2.872	3.581	204.245	1	14.781
5/12/2017 18:45	161100	143.565	21.315	327.229	4900.442	5271.45	2.875	3.585	204.063	1	14.779
5/12/2017 19:00	162000	143.581	21.318	327.266	4902.558	5273.441	2.876	3.586	203.975	1	14.775
5/12/2017 19:15	162900	143.617	21.321	327.348	4904.19	5274.894	2.877	3.587	203.907	1	14.777
5/12/2017 19:30	163800	143.581	21.316	327.266	4908.407	5279.875	2.88	3.59	203.732	1	14.777
5/12/2017 19:45	164700	143.625	21.312	327.366	4919.408	5292.166	2.887	3.599	203.277	1	14.787
5/12/2017 20:00	165600	143.592	21.321	327.409	4917.409	5289.073	2.885	3.597	203.359	1	14.78
5/12/2017 20:15	166500	143.641	21.323	327.402	4915.327	5286.662	2.884	3.595	203.445	1	14.775
5/12/2017 20:30	167400	143.638	21.323	327.396	4917.011	5288.416	2.885	3.596	203.376	1	14.781
5/12/2017 20:45	168300	143.64	21.32	327.399	4920.546	5292.534	2.887	3.599	203.229	1	14.786
5/12/2017 21:00	169200	143.652	21.321	327.427	4921.092	5293.073	2.888	3.599	203.207	1	14.785
5/12/2017 21:15	170100	143.655	21.324	327.435	4923.691	5295.543	2.889	3.601	203.1	1	14.781
5/12/2017 21:30	171000	143.65	21.322	327.422	4924.137	5296.472	2.89	3.602	203.081	1	14.79
5/12/2017 21:45	171900	143.658	21.319	327.441	4927.871	5300.555	2.892	3.604	202.927	1	14.795
5/12/2017 22:00	172800	143.629	21.322	327.375	4930.259	5302.742	2.893	3.606	202.829	1	14.791
5/12/2017 22:15	173700	143.665	21.321	327.456	4932.019	5304.768	2.894	3.607	202.757	1	14.795
5/12/2017 22:30	174600	143.674	21.318	327.477	4934.787	5308.08	2.896	3.609	202.643	1	14.796
5/12/2017 22:45	175500	143.637	21.319	327.394	4935.239	5308.48	2.897	3.61	202.624	1	14.794
5/12/2017 23:00	176400	143.645	21.319	327.412	4937.656	5310.453	2.898	3.611	202.55	1	14.795
5/12/2017 23:15	177300	143.652	21.322	327.428	4939.688	5312.94	2.899	3.613	202.442	1	14.794
5/12/2017 23:30	178200	143.694	21.323	327.524	4943.896	5317.303	2.902	3.616	202.27	1	14.792
5/12/2017 23:45	179100	143.67	21.315	327.469	4946.889	5321.385	2.904	3.619	202.147	1	14.79
5/13/2017 0:00	180000	143.669	21.316	327.465	4946.283	5320.665	2.904	3.618	202.172	1	14.79
5/13/2017 0:15	180900	143.673	21.316	327.476	4948.142	5322.655	2.905	3.619	202.096	1	14.792
5/13/2017 0:30	181800	143.706	21.325	327.55	4952.86	5327.53	2.908	3.623	201.904	1	14.793
5/13/2017 0:45	182700	143.674	21.322	327.478	4952.218	5326.417	2.907	3.622	201.93	1	14.796
5/13/2017 1:00	183600	143.72	21.32	327.581	4954.453	5329.061	2.909	3.624	201.839	1	14.792
5/13/2017 1:15	184500	143.683	21.321	327.498	4956.807	5331.41	2.91	3.625	201.743	1	14.789
5/13/2017 1:30	185400	143.684	21.321	327.499	4959.861	5334.772	2.912	3.628	201.619	1	14.789
5/13/2017 1:45	186300	143.689	21.32	327.511	4960.327	5335.331	2.912	3.628	201.6	1	14.789
5/13/2017 2:00	187200	143.725	21.319	327.594	4963.299	5339.359	2.912	3.627	201.641	1	

5/14/2017 9:30	300600	143.383	21.321	326.814	4928.983	5301.56	2.893	3.605	202.882	1	14.719
5/14/2017 9:45	301500	143.372	21.321	326.79	4927.439	5299.9	2.892	3.604	202.945	1	14.719
5/14/2017 10:00	302400	143.38	21.321	326.806	4925.778	5298.074	2.891	3.603	203.014	1	14.718
5/14/2017 10:15	303300	143.373	21.316	326.792	4922.74	5295.292	2.889	3.601	203.139	1	14.713
5/14/2017 10:30	304200	143.386	21.312	326.821	4920.469	5293.308	2.888	3.599	203.233	1	14.709
5/14/2017 10:45	305100	143.37	21.313	326.785	4916.187	5288.587	2.885	3.596	203.41	1	14.717
5/14/2017 11:00	306000	143.392	21.312	326.835	4914.976	5287.114	2.884	3.595	203.466	1	14.723
5/14/2017 11:15	306900	143.389	21.312	326.827	4912.923	5285.256	2.883	3.594	203.545	1	14.716
5/14/2017 11:30	307800	143.359	21.309	326.759	4909.854	5282.23	2.881	3.592	203.672	1	14.714
5/14/2017 11:45	308700	143.348	21.309	326.735	4905.788	5277.828	2.879	3.589	203.841	1	14.715
5/14/2017 12:00	309600	143.341	21.31	326.719	4905.299	5277.273	2.878	3.589	203.861	1	14.719
5/14/2017 12:15	310500	143.333	21.311	326.701	4902.488	5274.165	2.877	3.586	203.978	1	14.721
5/14/2017 12:30	311400	143.324	21.312	326.68	4899.303	5270.538	2.875	3.584	204.111	1	14.723
5/14/2017 12:45	312300	143.321	21.313	326.673	4897.254	5268.267	2.873	3.582	204.196	1	14.726
5/14/2017 13:00	313200	143.31	21.313	326.648	4896.425	5267.308	2.873	3.582	204.231	1	14.725
5/14/2017 13:15	314100	143.312	21.314	326.653	4896.632	5267.437	2.873	3.582	204.222	1	14.722
5/14/2017 13:30	315000	143.309	21.315	326.645	4894.344	5264.929	2.871	3.58	204.317	1	14.722
5/14/2017 13:45	315900	143.325	21.317	326.683	4894.762	5265.188	2.871	3.58	204.3	1	14.728
5/14/2017 14:00	316800	143.286	21.315	326.592	4894.586	5265.027	2.871	3.58	204.307	1	14.724
5/14/2017 14:15	317700	143.295	21.315	326.614	4894.005	5264.573	2.871	3.58	204.332	1	14.723
5/14/2017 14:30	318600	143.321	21.313	326.673	4893.798	5264.502	2.871	3.58	204.34	1	14.726
5/14/2017 14:45	319500	143.315	21.316	326.66	4894.835	5265.285	2.871	3.58	204.297	1	14.721
5/14/2017 15:00	320400	143.362	21.318	326.765	4893.105	5263.254	2.87	3.579	204.369	1	14.718
5/14/2017 15:15	321300	143.295	21.319	326.612	4893.354	5263.361	2.87	3.579	204.359	1	14.713
5/14/2017 15:30	322200	143.287	21.32	326.595	4894.915	5264.935	2.871	3.58	204.294	1	14.715
5/14/2017 15:45	323100	143.356	21.318	326.752	4894.952	5265.279	2.871	3.58	204.292	1	14.716
5/14/2017 16:00	324000	143.278	21.32	326.575	4893.689	5263.684	2.871	3.579	204.345	1	14.714
5/14/2017 16:15	324900	143.29	21.321	326.603	4894.324	5264.243	2.871	3.58	204.318	1	14.71
5/14/2017 16:30	325800	143.281	21.324	326.581	4894.242	5263.833	2.871	3.579	204.322	1	14.711
5/14/2017 16:45	326700	143.335	21.323	326.706	4894.728	5264.459	2.871	3.58	204.301	1	14.703
5/14/2017 17:00	327600	143.328	21.323	326.69	4895.311	5265.039	2.871	3.58	204.277	1	14.707
5/14/2017 17:15	328500	143.336	21.323	326.707	4895.514	5265.314	2.871	3.58	204.269	1	14.706
5/14/2017 17:30	329400	143.299	21.325	326.623	4895.364	5264.964	2.871	3.58	204.275	1	14.705
5/14/2017 17:45	330300	143.341	21.326	326.719	4896.852	5266.374	2.872	3.581	204.213	1	14.703
5/14/2017 18:00	331200	143.291	21.327	326.605	4896.919	5266.352	2.872	3.581	204.21	1	14.71
5/14/2017 18:15	332100	143.302	21.328	326.629	4897.345	5266.744	2.872	3.581	204.192	1	14.71
5/14/2017 18:30	333000	143.3	21.329	326.625	4897.484	5267.054	2.873	3.582	204.186	1	14.714
5/14/2017 18:45	333900	143.339	21.323	326.713	4897.345	5267.284	2.873	3.582	204.192	1	14.707
5/14/2017 19:00	334800	143.32	21.318	326.669	4895.634	5265.926	2.872	3.581	204.264	1	14.702
5/14/2017 19:15	335700	143.36	21.323	326.763	4895.329	5265.087	2.871	3.58	204.276	1	14.702
5/14/2017 19:30	336600	143.323	21.323	326.678	4895.275	5264.991	2.871	3.58	204.279	1	14.705
5/14/2017 19:45	337500	143.333	21.323	326.699	4894.249	5263.964	2.871	3.579	204.321	1	14.701
5/14/2017 20:00	338400	143.336	21.322	326.708	4893.912	5263.896	2.871	3.579	204.336	1	14.704
5/14/2017 20:15	339300	143.342	21.322	326.72	4892.692	5262.374	2.87	3.578	204.386	1	14.698
5/14/2017 20:30	340200	143.341	21.322	326.719	4892.436	5262.08	2.87	3.578	204.397	1	14.704
5/14/2017 20:45	341100	143.386	21.318	326.822	4891.544	5261.604	2.869	3.578	204.434	1	14.699
5/14/2017 21:00	342000	143.37	21.311	326.785	4888.822	5259.376	2.868	3.576	204.548	1	14.701
5/14/2017 21:15	342900	143.365	21.309	326.774	4887.565	5258.251	2.867	3.576	204.601	1	14.7
5/14/2017 21:30	343800	143.38	21.307	326.808	4886.741	5257.602	2.867	3.575	204.625	1	14.694
5/14/2017 21:45	344700	143.429	21.306	326.92	4884.802	5255.581	2.866	3.574	204.717	1	14.693
5/14/2017 22:00	345600	143.428	21.304	326.916	4882.875	5253.708	2.865	3.573	204.797	1	14.704
5/14/2017 22:15	346500	143.395	21.309	326.843	4881.872	5252.182	2.864	3.571	204.839	1	14.704
5/14/2017 22:30	347400	143.405	21.312	326.865	4881.76	5251.731	2.864	3.571	204.844	1	14.701
5/14/2017 22:45	348300	143.413	21.303	326.882	4880.468	5251.23	2.863	3.571	204.898	1	14.697
5/14/2017 23:00	349200	143.411	21.31	326.878	4880.9	5250.948	2.863	3.571	204.88	1	14.7
5/14/2017 23:15	350100	143.423	21.315	326.905	4885.542	5254.41	2.866	3.574	204.686	1	14.696
5/14/2017 23:30	351000	143.427	21.323	326.915	4890.987	5260.398	2.869	3.577	204.458	1	14.699
5/14/2017 23:45	351900	143.422	21.32	326.903	4892.2	5262.063	2.87	3.578	204.407	1	14.696
5/15/2017 0:00	352800	143.44	21.324	326.945	4893.045	5262.536	2.87	3.579	204.372	1	14.698
5/15/2017 0:15	353700	143.495	21.316	327.069	4896.685	5267.352	2.873	3.582	204.22	1	14.692
5/15/2017 0:30	354600	143.448	21.319	326.962	4897.257	5267.607	2.873	3.582	204.196	1	14.699
5/15/2017 0:45	355500	143.467	21.32	327.006	4899.523	5270.575	2.875	3.584	204.101	1	14.694
5/15/2017 1:00	356400	143.485	21.313	327.048	4900.013	5271.264	2.875	3.584	204.081	1	14.696
5/15/2017 1:15	357300	143.489	21.314	327.056	4902.805	5274.086	2.877	3.586	203.965	1	14.695
5/15/2017 1:30	358200	143.492	21.316	327.062	4905.822	5277.113	2.878	3.588	203.839	1	14.695
5/15/2017 1:45	359100	143.527	21.323	327.141	4908.654	5279.418	2.88	3.59	203.722	1	14.691
5/15/2017 2:00	360000	143.504	21.323	327.09	4909.975	5280.858	2.881	3.591	203.667	1	14.69
5/15/2017 2:15	360900	143.515	21.32	327.114	4912.359	5283.737	2.882	3.593	203.568	1	14.688
5/15/2017 2:30	361800	143.521	21.318	327.128	4916.039	5287.932	2.885	3.596	203.416	1	14.691
5/15/2017 2:45	362700	143.538	21.318	327.168	4916.773	5288.704	2.885	3.596	203.385	1	14.686
5/15/2017 3:00	363600	143.529	21.314	327.148	4920.406	5293.068	2.888	3.599	203.235	1	14.692
5/15/2017 3:15	364500	143.54	21.318	327.173	4922.693	5295.061	2.889	3.601	203.141	1	14.688
5/15/2017 3:30	365400	143.586	21.323	327.276	4924.149	5296.123	2.889	3.601	203.081	1	14.69
5/15/2017 3:45	366300	143.552	21.32	327.2	4926.759	5299.273	2.891	3.604	202.973	1	14.683
5/15/2017 4:00	367200	143.6	21.321	327.309	4926.974	5299.303	2.891	3.604	202.964	1	14.684
5/15/2017 4:15	368100	143.567	21.323	327.234	4930.601	5303.072	2.893	3.606	202.815	1	14.689
5/15/2017 4:30	369000	143.577	21.318	327.256	4932.37	5305.489	2.895	3.608	202.742	1	14.68
5/15/2017 4:45	369900	143.611	21.317	327.334	4933.466	5306.764	2.896	3.609	202.697	1	14.686
5/15/2017 5:00	370800	143.632	21.318	327.382	4935.218	5308.505	2.897	3.61	202.625	1	14.682
5/15/2017 5:15	371700	143.594	21.322	327.294	4939.171	5312.326	2.899	3.612	202.463	1	14.686
5/15/2017 5:30	372600	143.601	21.317	327.311	4939.282	5313.02	2.899	3.613	202.459	1	14.682
5/15/2017 5:45	373500	143.649	21.32	327.421	4941.938	5315.513	2.901	3.615	202.35	1	14.682
5/15/2017 6:00	374400	143.652	21.318	327.428	4944.423	5318.483	2.902	3.617	202.248	1	14.682
5/15/2017 6:15	375300	143.653	21.32	327.431	4947.363	5321.358	2.904	3.619	202.128	1	14.69
5/15/2017 6:30	376200	143.629	21.315	327.374	4950.041	5324.794	2.906	3.621	202.019	1	14.686
5/15/2017 6:45	377100	143.626	21.317	327.367	4952.74	5328.067	2.908	3.623	201.908	1	14.69
5/15/20											

5/16/2017 14:15	490500	143.391	21.321	326.831	4958.792	5233.573	2.911	3.627	201.662	1	14.785
5/16/2017 14:30	491400	143.379	21.321	326.805	4959.939	5334.808	2.912	3.628	201.615	1	14.784
5/16/2017 14:45	492300	143.397	21.324	326.846	4960.272	5334.792	2.912	3.628	201.602	1	14.784
5/16/2017 15:00	493200	143.356	21.319	326.752	4958.71	5333.735	2.911	3.627	201.665	1	14.784
5/16/2017 15:15	494100	143.378	21.325	326.803	4960.563	5335.028	2.912	3.628	201.59	1	14.781
5/16/2017 15:30	495000	143.331	21.327	326.694	4961.326	5335.646	2.912	3.628	201.559	1	14.782
5/16/2017 15:45	495900	143.318	21.327	326.667	4961.756	5336.09	2.913	3.629	201.542	1	14.786
5/16/2017 16:00	496800	143.35	21.329	326.74	4962.245	5336.403	2.913	3.629	201.522	1	14.777
5/16/2017 16:15	497700	143.33	21.331	326.693	4962.923	5336.912	2.913	3.629	201.494	1	14.78
5/16/2017 16:30	498600	143.324	21.331	326.678	4962.17	5336.064	2.913	3.629	201.525	1	14.775
5/16/2017 16:45	499500	143.309	21.333	326.646	4963.476	5337.306	2.913	3.629	201.472	1	14.776
5/16/2017 17:00	500400	143.308	21.332	326.643	4964.029	5337.958	2.914	3.63	201.449	1	14.774
5/16/2017 17:15	501300	143.251	21.335	326.513	4963.686	5337.357	2.913	3.629	201.463	1	14.778
5/16/2017 17:30	502200	143.291	21.334	326.605	4964.811	5338.655	2.914	3.63	201.418	1	14.774
5/16/2017 17:45	503100	143.239	21.321	326.485	4962.359	5337.41	2.913	3.629	201.517	1	14.78
5/16/2017 18:00	504000	143.233	21.317	326.473	4959.2	5334.465	2.912	3.627	201.645	1	14.782
5/16/2017 18:15	504900	143.265	21.317	326.545	4957.176	5332.278	2.91	3.626	201.728	1	14.776
5/16/2017 18:30	505800	143.237	21.317	326.482	4956.031	5331.056	2.91	3.625	201.774	1	14.779
5/16/2017 18:45	506700	143.206	21.315	326.411	4953.464	5328.554	2.908	3.623	201.599	1	14.752
5/16/2017 19:00	507600	143.195	21.313	326.386	4946.862	5321.633	2.904	3.619	202.148	1	14.774
5/16/2017 19:15	508500	143.191	21.313	326.376	4942.668	5317.151	2.902	3.616	202.32	1	14.777
5/16/2017 19:30	509400	143.184	21.311	326.361	4936.199	5310.335	2.898	3.611	202.585	1	14.772
5/16/2017 19:45	510300	143.168	21.311	326.325	4926.639	5300.079	2.892	3.604	202.978	1	14.777
5/16/2017 20:00	511200	143.153	21.311	326.29	4915.012	5287.627	2.884	3.596	203.458	1	14.776
5/16/2017 20:15	512100	143.196	21.31	326.387	4904.02	5275.85	2.878	3.588	203.914	1	14.775
5/16/2017 20:30	513000	143.152	21.31	326.289	4894.593	5266.167	2.872	3.581	204.29	1	14.771
5/16/2017 20:45	513900	143.147	21.309	326.276	4885.662	5256.195	2.866	3.574	204.681	1	14.775
5/16/2017 21:00	514800	143.143	21.309	326.266	4875.765	5245.594	2.86	3.567	205.096	1	14.777
5/16/2017 21:15	515700	143.167	21.309	326.321	4869.575	5238.924	2.856	3.562	205.357	1	14.777
5/16/2017 21:30	516600	143.131	21.307	326.24	4863.806	5232.87	2.853	3.558	205.6	1	14.772
5/16/2017 21:45	517500	143.117	21.309	326.209	4857.367	5225.763	2.849	3.554	205.873	1	14.779
5/16/2017 22:00	518400	143.11	21.31	326.192	4853.033	5221.016	2.846	3.55	206.057	1	14.782
5/16/2017 22:15	519300	143.115	21.309	326.204	4850.37	5218.272	2.844	3.548	206.17	1	14.779
5/16/2017 22:30	520200	143.104	21.309	326.178	4847.036	5214.695	2.842	3.546	206.312	1	14.785
5/16/2017 22:45	521100	143.134	21.308	326.247	4843.627	5211.132	2.84	3.544	206.457	1	14.786
5/16/2017 23:00	522000	143.098	21.309	326.164	4839.43	5206.484	2.837	3.54	206.636	1	14.784
5/16/2017 23:15	522900	143.095	21.31	326.158	4838.043	5204.943	2.836	3.539	206.695	1	14.781
5/16/2017 23:30	523800	143.126	21.312	326.228	4836.349	5202.814	2.835	3.538	206.768	1	14.779
5/16/2017 23:45	524700	143.084	21.311	326.132	4834.399	5200.856	2.834	3.537	206.851	1	14.786
5/17/2017 0:00	525600	143.121	21.31	326.216	4831.285	5197.582	2.832	3.534	206.984	1	14.78
5/17/2017 0:15	526500	143.081	21.312	326.125	4829.744	5195.774	2.831	3.533	207.05	1	14.779
5/17/2017 0:30	527400	143.111	21.31	326.195	4827.468	5193.466	2.83	3.532	207.148	1	14.779
5/17/2017 0:45	528300	143.11	21.311	326.192	4825.165	5190.866	2.828	3.53	207.247	1	14.782
5/17/2017 1:00	529200	143.072	21.31	326.105	4825.667	5191.52	2.829	3.53	207.225	1	14.773
5/17/2017 1:15	530100	143.077	21.311	326.117	4822.492	5188.075	2.827	3.528	207.362	1	14.771
5/17/2017 1:30	531000	143.097	21.311	326.163	4820.874	5186.25	2.826	3.527	207.431	1	14.771
5/17/2017 1:45	531900	143.067	21.31	326.095	4815.115	5180.222	2.822	3.523	207.679	1	14.768
5/17/2017 2:00	532800	143.061	21.31	326.08	4815.345	5180.461	2.822	3.523	207.669	1	14.767
5/17/2017 2:15	533700	143.075	21.307	326.112	4811.973	5177.112	2.82	3.52	207.815	1	14.76
5/17/2017 2:30	534600	143.06	21.308	326.079	4810.239	5175.181	2.819	3.519	207.89	1	14.764
5/17/2017 2:45	535500	143.052	21.308	326.06	4805.984	5170.595	2.816	3.516	208.074	1	14.768
5/17/2017 3:00	536400	143.067	21.308	326.095	4802.79	5167.167	2.815	3.514	208.212	1	14.757
5/17/2017 3:15	537300	143.034	21.305	326.019	4800.546	5165.042	2.813	3.512	208.31	1	14.752
5/17/2017 3:30	538200	143.06	21.303	326.078	4797.366	5161.852	2.811	3.51	208.448	1	14.759
5/17/2017 3:45	539100	143.097	21.299	326.161	4791.122	5155.561	2.808	3.506	208.719	1	14.756
5/17/2017 4:00	540000	143.07	21.3	326.101	4793.065	5157.523	2.809	3.507	208.625	1	14.752
5/17/2017 4:15	540900	143.062	21.305	326.083	4791.31	5155.178	2.808	3.506	208.711	1	14.756
5/17/2017 4:30	541800	143.067	21.304	326.093	4789.61	5153.414	2.807	3.504	208.785	1	14.755
5/17/2017 4:45	542700	143.067	21.302	326.094	4787.517	5151.395	2.805	3.503	208.877	1	14.756
5/17/2017 5:00	543600	143.076	21.298	326.114	4785.981	5150.113	2.805	3.502	208.944	1	14.751
5/17/2017 5:15	544500	143.07	21.297	326.102	4784.658	5148.864	2.804	3.501	209.001	1	14.751
5/17/2017 5:30	545400	143.071	21.298	326.102	4784.658	5148.864	2.804	3.501	209.001	1	14.751
5/17/2017 5:45	546300	143.075	21.295	326.111	4784.542	5148.872	2.804	3.501	209.006	1	14.754
5/17/2017 6:00	547200	143.059	21.301	326.076	4786.381	5150.292	2.805	3.502	209.926	1	14.759
5/17/2017 6:15	548100	143.072	21.304	326.104	4790.727	5154.58	2.807	3.505	208.737	1	14.751
5/17/2017 6:30	549000	143.076	21.306	326.114	4792.887	5156.67	2.808	3.507	208.643	1	14.755
5/17/2017 6:45	549900	143.069	21.303	326.099	4795.427	5159.804	2.81	3.509	208.532	1	14.757
5/17/2017 7:00	550800	143.113	21.3	326.199	4796.336	5161.99	2.811	3.51	208.492	1	14.755
5/17/2017 7:15	551700	143.084	21.304	326.132	4798.02	5162.416	2.812	3.51	208.419	1	14.756
5/17/2017 7:30	552600	143.08	21.303	326.124	4800.828	5165.577	2.814	3.513	208.297	1	14.763
5/17/2017 7:45	553500	143.084	21.31	326.133	4804.627	5168.912	2.816	3.515	208.133	1	14.764
5/17/2017 8:00	554400	143.086	21.304	326.137	4806.163	5171.224	2.817	3.516	208.066	1	14.768
5/17/2017 8:15	555300	143.088	21.307	326.142	4806.044	5170.762	2.817	3.516	208.071	1	14.764
5/17/2017 8:30	556200	143.083	21.306	326.131	4810.348	5175.431	2.819	3.519	207.885	1	14.785
5/17/2017 8:45	557100	143.129	21.307	326.235	4813.362	5178.635	2.821	3.521	207.755	1	14.762
5/17/2017 9:00	558000	143.093	21.312	326.154	4815.964	5180.949	2.823	3.523	207.643	1	14.757
5/17/2017 9:15	558900	143.086	21.311	326.138	4818.905	5184.216	2.824	3.525	207.516	1	14.763
5/17/2017 9:30	559800	143.083	21.313	326.131	4822.341	5187.66	2.826	3.528	207.368	1	14.765
5/17/2017 9:45	560700	143.09	21.316	326.146	4820.852	5185.703	2.825	3.526	207.432	1	14.762
5/17/2017 10:00	561600	143.078	21.313	326.128	4826.244	5191.561	2.829	3.53	207.193	1	14.77
5/17/2017 10:15	562500	143.084	21.319	326.133	4826.051	5191.062	2.828	3.53	207.209	1	14.771
5/17/2017 10:30	563400	143.09	21.317	326.146	4828.345	5193.661	2.83	3.532	207.11	1	14.762
5/17/2017 10:45	564300	143.086	21.312	326.137	4833.194	5199.458	2.833	3.536	206.902	1	14.77
5/17/2017 11:00	565200	143.087	21.309	326.141	4834.607	5201.286	2.834	3.537	206.842	1	14.766
5/17/2017 11:15	566100	143.085	21.313	326.134	4836.116	5202.441	2.835	3.538	206.777	1	14.771
5/17/2017 11:30	567000	143.081	21.318	326.125	4836.966	5205.977	2.836	3.539	206.733	1	14.77
5/17/2017 11											

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	TEMPERATURE	CONDUCTIVITY	
	5/11/2017	0:00:00	0	90.359	16.1	1226.3
	5/11/2017	0:15:00	0	90.337	16.1	1225.1
	5/11/2017	0:30:00	0	90.34	16.1	1226.3
	5/11/2017	0:45:00	0	90.315	16.1	1226.3
	5/11/2017	1:00:00	0	90.337	16.1	1226.3
	5/11/2017	1:15:00	0	90.339	16.1	1226.3
	5/11/2017	1:30:00	0	90.34	16.1	1225.1
	5/11/2017	1:45:00	0	90.283	16.1	1226.3
	5/11/2017	2:00:00	0	90.305	16.1	1226.3
	5/11/2017	2:15:00	0	90.306	16.1	1226.3
	5/11/2017	2:30:00	0	90.287	16.1	1225.1
	5/11/2017	2:45:00	0	90.329	16.1	1225.1
	5/11/2017	3:00:00	0	90.35	16.1	1225.1
	5/11/2017	3:15:00	0	90.329	16.1	1225.1
	5/11/2017	3:30:00	0	90.346	16.1	1226.3
	5/11/2017	3:45:00	0	90.32	16.1	1226.3
	5/11/2017	4:00:00	0	90.341	16.1	1226.3
	5/11/2017	4:15:00	0	90.299	16.1	1225.1
	5/11/2017	4:30:00	0	90.318	16.1	1225.1
	5/11/2017	4:45:00	0	90.336	16.1	1226.3
	5/11/2017	5:00:00	0	90.298	16.1	1226.3
	5/11/2017	5:15:00	0	90.303	16.1	1227.5
	5/11/2017	5:30:00	0	90.281	16.1	1226.3
	5/11/2017	5:45:00	0	90.242	16.1	1226.3
	5/11/2017	6:00:00	0	90.271	16.1	1225.1
	5/11/2017	6:15:00	0	90.266	16.1	1227.5
	5/11/2017	6:30:00	0	90.262	16.1	1226.3
	5/11/2017	6:45:00	0	90.281	16.1	1226.3
	5/11/2017	7:00:00	0	90.281	16.1	1226.3
	5/11/2017	7:15:00	0	90.3	16.1	1226.3
	5/11/2017	7:30:00	0	90.285	16.1	1226.3
	5/11/2017	7:45:00	0	90.298	16.1	1225.1
	5/11/2017	8:00:00	0	90.27	16.1	1226.3
	5/11/2017	8:15:00	0	90.269	16.1	1226.3
	5/11/2017	8:30:00	0	90.306	16.1	1226.3
	5/11/2017	8:45:00	0	90.249	16.1	1226.3
	5/11/2017	9:00:00	0	90.214	16.1	1225.1
	5/11/2017	9:15:00	0	90.211	16.1	1226.3
	5/11/2017	9:30:00	0	90.234	16.1	1226.3
	5/11/2017	9:45:00	0	90.234	16.1	1225.1
	5/11/2017	10:00:00	0	90.239	16.1	1225.1
	5/11/2017	10:15:00	0	90.255	16.1	1225.1
	5/11/2017	10:30:00	0	90.239	16.1	1226.3
	5/11/2017	10:45:00	0	90.217	16.1	1226.3
	5/11/2017	11:00:00	0	90.215	16.1	1226.3
	5/11/2017	11:15:00	0	90.175	16.1	1226.3
	5/11/2017	11:30:00	0	90.214	16.1	1225.1
	5/11/2017	11:45:00	0	90.194	16.1	1226.3
	5/11/2017	12:00:00	0	90.194	16.1	1226.3
	5/11/2017	12:15:00	0	90.211	16.1	1226.3
	5/11/2017	12:30:00	0	90.233	16.1	1226.3
	5/11/2017	12:45:00	0	90.195	16.1	1227.5
	5/11/2017	13:00:00	0	90.215	16.1	1225.1
	5/11/2017	13:15:00	0	90.197	16.1	1225.1
	5/11/2017	13:30:00	0	90.216	16.1	1227.5
	5/11/2017	13:45:00	0	90.216	16.1	1226.3
	5/11/2017	14:00:00	0	90.176	16.1	1225.1
	5/11/2017	14:15:00	0	90.256	16.1	1227.5
	5/11/2017	14:30:00	0	90.157	16.1	1226.3
	5/11/2017	14:45:00	0	90.18	16.1	1226.3
	5/11/2017	15:00:00	0	90.145	16.1	1226.3
	5/11/2017	15:15:00	0	90.152	16.1	1226.3
	5/11/2017	15:30:00	0	90.193	16.1	1226.3
	5/11/2017	15:45:00	0	90.174	16.1	1226.3
	5/11/2017	16:00:00	0	90.176	16.1	1226.3
	5/11/2017	16:15:00	0	90.158	16.1	1226.3
	5/11/2017	16:30:00	0	90.185	16.1	1227.5
	5/11/2017	16:45:00	0	90.167	16.1	1225.1
	5/11/2017	17:00:00	0	90.169	16.1	1226.3
	5/11/2017	17:15:00	0	90.17	16.1	1226.3
	5/11/2017	17:30:00	0	90.173	16.1	1227.5
	5/11/2017	17:45:00	0	90.192	16.1	1226.3
	5/11/2017	18:00:00	0	90.197	16.1	1227.5
	5/11/2017	18:15:00	0	90.175	16.1	1227.5
	5/11/2017	18:30:00	0	90.178	16.1	1226.3
	5/11/2017	18:45:00	0	90.199	16.1	1226.3
	5/11/2017	19:00:00	0	90.159	16.1	1225.1
	5/11/2017	19:15:00	0	90.158	16.1	1226.3
	5/11/2017	19:30:00	0	90.156	16.1	1226.3
	5/11/2017	19:45:00	0	90.175	16.1	1227.5

5/11/2017	20:00:00	0	90.192	16.1	1226.3
5/11/2017	20:15:00	0	90.191	16.1	1226.3
5/11/2017	20:30:00	0	90.192	16.1	1226.3
5/11/2017	20:45:00	0	90.193	16.1	1226.3
5/11/2017	21:00:00	0	90.211	16.1	1226.3
5/11/2017	21:15:00	0	90.192	16.1	1227.5
5/11/2017	21:30:00	0	90.196	16.1	1226.3
5/11/2017	21:45:00	0	90.211	16.1	1226.3
5/11/2017	22:00:00	0	90.192	16.1	1227.5
5/11/2017	22:15:00	0	90.229	16.1	1227.5
5/11/2017	22:30:00	0	90.23	16.1	1225.1
5/11/2017	22:45:00	0	90.167	16.1	1226.3
5/11/2017	23:00:00	0	90.185	16.1	1226.3
5/11/2017	23:15:00	0	90.169	16.1	1226.3
5/11/2017	23:30:00	0	90.171	16.1	1226.3
5/11/2017	23:45:00	0	90.187	16.1	1226.3
5/12/2017	0:00:00	0	90.206	16.1	1226.3
5/12/2017	0:15:00	0	90.184	16.1	1226.3
5/12/2017	0:30:00	0	90.204	16.1	1225.1
5/12/2017	0:45:00	0	90.189	16.1	1226.3
5/12/2017	1:00:00	0	90.167	16.1	1225.1
5/12/2017	1:15:00	0	90.184	16.1	1225.1
5/12/2017	1:30:00	0	90.186	16.1	1226.3
5/12/2017	1:45:00	0	90.208	16.1	1226.3
5/12/2017	2:00:00	0	90.17	16.1	1225.1
5/12/2017	2:15:00	0	90.187	16.1	1226.3
5/12/2017	2:30:00	0	90.185	16.1	1226.3
5/12/2017	2:45:00	0	90.184	16.1	1226.3
5/12/2017	3:00:00	0	90.185	16.1	1226.3
5/12/2017	3:15:00	0	90.189	16.1	1226.3
5/12/2017	3:30:00	0	90.226	16.1	1226.3
5/12/2017	3:45:00	0	90.146	16.1	1225.1
5/12/2017	4:00:00	0	90.184	16.1	1227.5
5/12/2017	4:15:00	0	90.183	16.1	1226.3
5/12/2017	4:30:00	0	90.198	16.1	1226.3
5/12/2017	4:45:00	0	90.181	16.1	1226.3
5/12/2017	5:00:00	0	90.139	16.1	1225.1
5/12/2017	5:15:00	0	90.159	16.1	1226.3
5/12/2017	5:30:00	0	90.177	16.1	1227.5
5/12/2017	5:45:00	0	90.17	16.1	1226.3
5/12/2017	6:00:00	0	90.227	16.1	1226.3
5/12/2017	6:15:00	0	90.184	16.1	1226.3
5/12/2017	6:30:00	0	90.16	16.1	1227.5
5/12/2017	6:45:00	0	90.136	16.1	1226.3
5/12/2017	7:00:00	0	90.152	16.1	1226.3
5/12/2017	7:15:00	0	90.151	16.1	1226.3
5/12/2017	7:30:00	0	90.133	16.1	1226.3
5/12/2017	7:45:00	0	90.152	16.1	1226.3
5/12/2017	8:00:00	0	90.153	16.1	1226.3
5/12/2017	8:15:00	0	90.111	16.1	1226.3
5/12/2017	8:30:00	0	90.112	16.1	1226.3
5/12/2017	8:45:00	0	90.15	16.1	1225.1
5/12/2017	9:00:00	0	90.111	16.1	1226.3
5/12/2017	9:15:00	0	90.114	16.1	1226.3
5/12/2017	9:30:00	0	90.095	16.1	1226.3
5/12/2017	9:45:00	0	90.094	16.1	1226.3
5/12/2017	10:00:00	0	90.093	16.1	1226.3
5/12/2017	10:15:00	0	90.057	16.1	1225.1
5/12/2017	10:30:00	0	90.08	16.1	1226.3
5/12/2017	10:45:00	0	90.119	16.1	1227.5
5/12/2017	11:00:00	0	90.08	16.1	1226.3
5/12/2017	11:15:00	0	90.059	16.1	1227.5
5/12/2017	11:30:00	0	90.083	16.1	1225.1
5/12/2017	11:45:00	0	90.104	16.1	1227.5
5/12/2017	12:00:00	0	90.05	16.1	1227.5
5/12/2017	12:15:00	0	90.049	16.1	1226.3
5/12/2017	12:30:00	0	90.071	16.1	1226.3
5/12/2017	12:45:00	0	90.062	16.1	1226.3
5/12/2017	13:00:00	0	90.046	16.1	1226.3
5/12/2017	13:15:00	0	90.049	16.1	1226.3
5/12/2017	13:30:00	0	90.055	16.1	1226.3
5/12/2017	13:45:00	0	90.037	16.1	1226.3
5/12/2017	14:00:00	0	90.039	16.1	1226.3
5/12/2017	14:15:00	0	90.003	16.1	1225.1
5/12/2017	14:30:00	0	90.011	16.1	1227.5
5/12/2017	14:45:00	0	89.994	16.1	1225.1
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5/12/2017	15:15:00	0	90.016	16.1	1226.3
5/12/2017	15:30:00	0	90.052	16.1	1226.3
5/12/2017	15:45:00	0	90.021	16.1	1226.3
5/12/2017	16:00:00	0	89.964	16.1	1226.3
5/12/2017	16:15:00	0	90.026	16.1	1226.3
5/12/2017	16:30:00	0	90.051	16.1	1226.3
5/12/2017	16:45:00	0	90.014	16.1	1227.5
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5/12/2017	17:15:00	0	90.048	16.1	1226.3
5/12/2017	17:30:00	0	90.048	16.1	1228.7
5/12/2017	17:45:00	0	90.037	16.1	1226.3
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5/12/2017	18:15:00	0	90.036	16.1	1225.1
5/12/2017	18:30:00	0	90.052	16.1	1227.5
5/12/2017	18:45:00	0	90.071	16.1	1226.3
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5/12/2017	19:45:00	0	90.048	16.1	1226.3

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5/12/2017	21:45:00	0	90.095	16.1	1227.5
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5/12/2017	23:30:00	0	90.093	16.1	1226.3
5/12/2017	23:45:00	0	90.057	16.1	1227.5
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5/13/2017	0:45:00	0	90.079	16.1	1226.3
5/13/2017	1:00:00	0	90.082	16.1	1227.5
5/13/2017	1:15:00	0	90.106	16.1	1226.3
5/13/2017	1:30:00	0	90.107	16.1	1226.3
5/13/2017	1:45:00	0	90.108	16.1	1226.3
5/13/2017	2:00:00	0	90.109	16.1	1226.3
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5/13/2017	3:15:00	0	90.116	16.1	1225.1
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5/13/2017	4:00:00	0	90.115	16.1	1226.3
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5/13/2017	6:15:00	0	90.165	16.1	1226.3
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5/13/2017	7:00:00	0	90.138	16.1	1227.5
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5/13/2017	7:30:00	0	90.147	16.1	1226.3
5/13/2017	7:45:00	0	90.085	16.1	1226.3
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5/13/2017	13:45:00	0	90.049	16.1	1225.1
5/13/2017	14:00:00	0	90.07	16.1	1227.5
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5/13/2017	15:00:00	0	90.055	16.1	1226.3
5/13/2017	15:15:00	0	90.081	16.1	1226.3
5/13/2017	15:30:00	0	90.093	16.1	1227.5
5/13/2017	15:45:00	0	90.039	16.1	1228.7
5/13/2017	16:00:00	0	90.048	16.1	1227.5
5/13/2017	16:15:00	0	90.039	16.1	1226.3
5/13/2017	16:30:00	0	90.067	16.1	1227.5
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5/13/2017	17:30:00	0	90.053	16.1	1227.5
5/13/2017	17:45:00	0	90.092	16.1	1228.7
5/13/2017	18:00:00	0	90.039	16.1	1227.5
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5/13/2017	20:15:00	0	90.017	16.1	1226.3
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5/14/2017	0:30:00	0	90.012	16.1	1226.3
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5/14/2017	13:15:00	0	89.88	16.1	1228.7
5/14/2017	13:30:00	0	89.897	16.1	1226.3
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5/14/2017	16:45:00	0	89.91	16.1	1227.5
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5/14/2017	17:15:00	0	89.892	16.1	1227.5
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5/14/2017	21:15:00	0	89.933	16.1	1226.3
5/14/2017	21:30:00	0	89.994	16.1	1227.5
5/14/2017	21:45:00	0	89.978	16.1	1227.5
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5/14/2017	22:30:00	0	89.932	16.1	1227.5
5/14/2017	22:45:00	0	89.992	16.1	1226.3
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5/14/2017	23:15:00	0	89.975	16.1	1227.5
5/14/2017	23:30:00	0	89.979	16.1	1227.5
5/14/2017	23:45:00	0	89.983	16.1	1226.3
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5/15/2017	0:15:00	0	90.001	16.1	1228.7
5/15/2017	0:30:00	0	90.001	16.1	1227.5
5/15/2017	0:45:00	0	90.001	16.1	1228.7
5/15/2017	1:00:00	0	90.003	16.1	1227.5
5/15/2017	1:15:00	0	90.049	16.1	1227.5
5/15/2017	1:30:00	0	90.05	16.1	1227.5
5/15/2017	1:45:00	0	90.032	16.1	1227.5
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5/15/2017	3:00:00	0	90.041	16.1	1226.3
5/15/2017	3:15:00	0	90.045	16.1	1226.3
5/15/2017	3:30:00	0	90.081	16.1	1227.5
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5/15/2017	5:15:00	0	90.107	16.1	1227.5
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5/15/2017	7:15:00	0	90.128	16.1	1227.5
5/15/2017	7:30:00	0	90.07	16.1	1226.3
5/15/2017	7:45:00	0	90.09	16.1	1227.5
5/15/2017	8:00:00	0	90.125	16.1	1228.7
5/15/2017	8:15:00	0	90.079	16.1	1227.5
5/15/2017	8:30:00	0	90.077	16.1	1226.3
5/15/2017	8:45:00	0	90.114	16.1	1227.5
5/15/2017	9:00:00	0	90.109	16.1	1226.3
5/15/2017	9:15:00	0	90.068	16.1	1227.5
5/15/2017	9:30:00	0	90.085	16.1	1227.5
5/15/2017	9:45:00	0	90.065	16.1	1227.5
5/15/2017	10:00:00	0	90.06	16.1	1227.5
5/15/2017	10:15:00	0	90.096	16.1	1227.5
5/15/2017	10:30:00	0	90.096	16.1	1227.5
5/15/2017	10:45:00	0	90.057	16.1	1228.7
5/15/2017	11:00:00	0	90.073	16.1	1227.5
5/15/2017	11:15:00	0	90.094	16.1	1228.7
5/15/2017	11:30:00	0	90.074	16.1	1227.5
5/15/2017	11:45:00	0	90.055	16.1	1227.5
5/15/2017	12:00:00	0	90.089	16.1	1228.7
5/15/2017	12:15:00	0	90.023	16.1	1227.5
5/15/2017	12:30:00	0	90.104	16.1	1227.5
5/15/2017	12:45:00	0	90.043	16.1	1228.7
5/15/2017	13:00:00	0	90.047	16.1	1228.7
5/15/2017	13:15:00	0	90.084	16.1	1227.5
5/15/2017	13:30:00	0	90.064	16.1	1227.5
5/15/2017	13:45:00	0	90.06	16.1	1227.5
5/15/2017	14:00:00	0	90.081	16.1	1226.3
5/15/2017	14:15:00	0	90.044	16.1	1227.5
5/15/2017	14:30:00	0	90.02	16.1	1227.5
5/15/2017	14:45:00	0	90.039	16.1	1226.3
5/15/2017	15:00:00	0	90.057	16.1	1226.3
5/15/2017	15:15:00	0	90.08	16.1	1227.5
5/15/2017	15:30:00	0	90.059	16.1	1226.3
5/15/2017	15:45:00	0	90.063	16.1	1227.5
5/15/2017	16:00:00	0	90.061	16.1	1227.5
5/15/2017	16:15:00	0	90.042	16.1	1227.5
5/15/2017	16:30:00	0	90.059	16.1	1226.3
5/15/2017	16:45:00	0	90.061	16.1	1228.7
5/15/2017	17:00:00	0	90.079	16.1	1227.5
5/15/2017	17:15:00	0	90.059	16.1	1227.5
5/15/2017	17:30:00	0	90.037	16.1	1228.7
5/15/2017	17:45:00	0	90.033	16.1	1227.5
5/15/2017	18:00:00	0	90.032	16.1	1227.5
5/15/2017	18:15:00	0	90.089	16.1	1226.3
5/15/2017	18:30:00	0	90.051	16.1	1227.5
5/15/2017	18:45:00	0	90.092	16.1	1225.1
5/15/2017	19:00:00	0	90.03	16.1	1228.7
5/15/2017	19:15:00	0	90.083	16.1	1226.3
5/15/2017	19:30:00	0	90.057	16.1	1226.3
5/15/2017	19:45:00	0	90.038	16.1	1228.7

5/15/2017	20:00:00	0	90.058	16.1	1229.8
5/15/2017	20:15:00	0	90.053	16.1	1228.7
5/15/2017	20:30:00	0	90.051	16.1	1227.5
5/15/2017	20:45:00	0	90.05	16.1	1227.5
5/15/2017	21:00:00	0	90.042	16.1	1228.7
5/15/2017	21:15:00	0	90.054	16.1	1227.5
5/15/2017	21:30:00	0	90.044	16.1	1227.5
5/15/2017	21:45:00	0	90.074	16.1	1226.3
5/15/2017	22:00:00	0	90.031	16.1	1226.3
5/15/2017	22:15:00	0	90.007	16.1	1226.3
5/15/2017	22:30:00	0	90.046	16.1	1227.5
5/15/2017	22:45:00	0	90.06	16.1	1227.5
5/15/2017	23:00:00	0	90.058	16.1	1227.5
5/15/2017	23:15:00	0	90.016	16.1	1227.5
5/15/2017	23:30:00	0	90.015	16.1	1228.7
5/15/2017	23:45:00	0	90.035	16.1	1228.7
5/16/2017	0:00:00	0	90.077	16.1	1227.5
5/16/2017	0:15:00	0	90.038	16.1	1227.5
5/16/2017	0:30:00	0	90.057	16.1	1228.7
5/16/2017	0:45:00	0	90.057	16.1	1227.5
5/16/2017	1:00:00	0	90.077	16.1	1227.5
5/16/2017	1:15:00	0	90.018	16.1	1226.3
5/16/2017	1:30:00	0	90.003	16.1	1227.5
5/16/2017	1:45:00	0	90.102	16.1	1226.3
5/16/2017	2:00:00	0	90.044	16.1	1227.5
5/16/2017	2:15:00	0	89.989	16.1	1228.7
5/16/2017	2:30:00	0	90.066	16.1	1228.7
5/16/2017	2:45:00	0	90.045	16.1	1227.5
5/16/2017	3:00:00	0	90.026	16.1	1227.5
5/16/2017	3:15:00	0	90.045	16.1	1227.5
5/16/2017	3:30:00	0	90.027	16.1	1227.5
5/16/2017	3:45:00	0	90.046	16.1	1228.7
5/16/2017	4:00:00	0	90.028	16.1	1227.5
5/16/2017	4:15:00	0	90.041	16.1	1228.7
5/16/2017	4:30:00	0	90.021	16.1	1228.7
5/16/2017	4:45:00	0	90.04	16.1	1227.5
5/16/2017	5:00:00	0	90.021	16.1	1227.5
5/16/2017	5:15:00	0	90.036	16.1	1227.5
5/16/2017	5:30:00	0	90.021	16.1	1228.7
5/16/2017	5:45:00	0	90.019	16.1	1228.7
5/16/2017	6:00:00	0	90.022	16.1	1227.5
5/16/2017	6:15:00	0	90.032	16.1	1226.3
5/16/2017	6:30:00	0	89.99	16.1	1226.3
5/16/2017	6:45:00	0	90.062	16.1	1228.7
5/16/2017	7:00:00	0	89.998	16.1	1228.7
5/16/2017	7:15:00	0	89.991	16.1	1227.5
5/16/2017	7:30:00	0	90.002	16.1	1228.7
5/16/2017	7:45:00	0	89.945	16.1	1228.7
5/16/2017	8:00:00	0	89.962	16.1	1228.7
5/16/2017	8:15:00	0	89.974	16.1	1228.7
5/16/2017	8:30:00	0	89.965	16.1	1228.7
5/16/2017	8:45:00	0	89.942	16.1	1227.5
5/16/2017	9:00:00	0	89.92	16.1	1227.5
5/16/2017	9:15:00	0	89.944	16.1	1226.3
5/16/2017	9:30:00	0	89.939	16.1	1228.7
5/16/2017	9:45:00	0	89.94	16.1	1227.5
5/16/2017	10:00:00	0	89.977	16.1	1228.7
5/16/2017	10:15:00	0	89.941	16.1	1228.7
5/16/2017	10:30:00	0	89.899	16.1	1228.7
5/16/2017	10:45:00	0	89.917	16.1	1226.3
5/16/2017	11:00:00	0	89.9	16.1	1227.5
5/16/2017	11:15:00	0	89.912	16.1	1227.5
5/16/2017	11:30:00	0	89.931	16.1	1227.5
5/16/2017	11:45:00	0	89.888	16.1	1227.5
5/16/2017	12:00:00	0	89.885	16.1	1226.3
5/16/2017	12:15:00	0	89.884	16.1	1228.7
5/16/2017	12:30:00	0	89.843	16.1	1228.7
5/16/2017	12:45:00	0	89.845	16.1	1227.5
5/16/2017	13:00:00	0	89.881	16.1	1228.7
5/16/2017	13:15:00	0	89.882	16.1	1228.7
5/16/2017	13:30:00	0	89.84	16.1	1227.5
5/16/2017	13:45:00	0	89.838	16.1	1226.3
5/16/2017	14:00:00	0	89.833	16.1	1227.5
5/16/2017	14:15:00	0	89.78	16.1	1228.7
5/16/2017	14:30:00	0	89.857	16.1	1228.7
5/16/2017	14:45:00	0	89.812	16.1	1227.5
5/16/2017	15:00:00	0	89.83	16.1	1228.7
5/16/2017	15:15:00	0	89.813	16.1	1227.5
5/16/2017	15:30:00	0	89.839	16.1	1227.5
5/16/2017	15:45:00	0	89.805	16.1	1227.5
5/16/2017	16:00:00	0	89.785	16.1	1226.3
5/16/2017	16:15:00	0	89.801	16.1	1226.3
5/16/2017	16:30:00	0	89.825	16.1	1228.7
5/16/2017	16:45:00	0	89.827	16.1	1227.5
5/16/2017	17:00:00	0	89.826	16.1	1226.3
5/16/2017	17:15:00	0	89.806	16.1	1228.7
5/16/2017	17:30:00	0	89.824	16.1	1228.7
5/16/2017	17:45:00	0	89.825	16.1	1228.7
5/16/2017	18:00:00	0	89.809	16.1	1227.5
5/16/2017	18:15:00	0	89.791	16.1	1227.5
5/16/2017	18:30:00	0	89.814	16.1	1227.5
5/16/2017	18:45:00	0	89.821	16.1	1226.3
5/16/2017	19:00:00	0	89.818	16.1	1227.5
5/16/2017	19:15:00	0	89.82	16.1	1227.5
5/16/2017	19:30:00	0	89.818	16.1	1227.5
5/16/2017	19:45:00	0	89.818	16.1	1228.7

5/16/2017	20:00:00	0	89.818	16.1	1228.7
5/16/2017	20:15:00	0	89.823	16.1	1226.3
5/16/2017	20:30:00	0	89.805	16.1	1226.3
5/16/2017	20:45:00	0	89.804	16.1	1227.5
5/16/2017	21:00:00	0	89.792	16.1	1228.7
5/16/2017	21:15:00	0	89.81	16.1	1227.5
5/16/2017	21:30:00	0	89.811	16.1	1227.5
5/16/2017	21:45:00	0	89.788	16.1	1226.3
5/16/2017	22:00:00	0	89.8	16.1	1228.7
5/16/2017	22:15:00	0	89.778	16.1	1227.5
5/16/2017	22:30:00	0	89.78	16.1	1228.7
5/16/2017	22:45:00	0	89.781	16.1	1228.7
5/16/2017	23:00:00	0	89.801	16.1	1226.3
5/16/2017	23:15:00	0	89.781	16.1	1228.7
5/16/2017	23:30:00	0	89.768	16.1	1228.7
5/16/2017	23:45:00	0	89.802	16.1	1227.5
5/17/2017	0:00:00	0	89.805	16.1	1227.5
5/17/2017	0:15:00	0	89.808	16.1	1228.7
5/17/2017	0:30:00	0	89.771	16.1	1228.7
5/17/2017	0:45:00	0	89.777	16.1	1227.5
5/17/2017	1:00:00	0	89.783	16.1	1228.7
5/17/2017	1:15:00	0	89.806	16.1	1227.5
5/17/2017	1:30:00	0	89.791	16.1	1226.3
5/17/2017	1:45:00	0	89.777	16.1	1228.7
5/17/2017	2:00:00	0	89.786	16.1	1227.5
5/17/2017	2:15:00	0	89.851	16.1	1228.7
5/17/2017	2:30:00	0	89.814	16.1	1228.7
5/17/2017	2:45:00	0	89.854	16.1	1229.8
5/17/2017	3:00:00	0	89.778	16.1	1228.7
5/17/2017	3:15:00	0	89.804	16.1	1228.7
5/17/2017	3:30:00	0	89.787	16.1	1227.5
5/17/2017	3:45:00	0	89.804	16.1	1228.7
5/17/2017	4:00:00	0	89.808	16.1	1228.7
5/17/2017	4:15:00	0	89.808	16.1	1228.7
5/17/2017	4:30:00	0	89.828	16.1	1228.7
5/17/2017	4:45:00	0	89.792	16.1	1228.7
5/17/2017	5:00:00	0	89.794	16.1	1227.5
5/17/2017	5:15:00	0	89.817	16.1	1228.7
5/17/2017	5:30:00	0	89.796	16.1	1228.7
5/17/2017	5:45:00	0	89.828	16.1	1228.7
5/17/2017	6:00:00	0	89.851	16.1	1228.7
5/17/2017	6:15:00	0	89.812	16.1	1228.7
5/17/2017	6:30:00	0	89.812	16.1	1227.5
5/17/2017	6:45:00	0	89.804	16.1	1227.5
5/17/2017	7:00:00	0	89.765	16.1	1226.3
5/17/2017	7:15:00	0	89.775	16.1	1227.5
5/17/2017	7:30:00	0	89.763	16.1	1228.7
5/17/2017	7:45:00	0	89.793	16.1	1228.7
5/17/2017	8:00:00	0	89.774	16.1	1227.5
5/17/2017	8:15:00	0	89.776	16.1	1228.7
5/17/2017	8:30:00	0	89.755	16.1	1228.7
5/17/2017	8:45:00	0	89.753	16.1	1228.7
5/17/2017	9:00:00	0	89.736	16.1	1228.7
5/17/2017	9:15:00	0	89.755	16.1	1228.7
5/17/2017	9:30:00	0	89.771	16.1	1227.5
5/17/2017	9:45:00	0	89.75	16.1	1228.7
5/17/2017	10:00:00	0	89.754	16.1	1227.5
5/17/2017	10:15:00	0	89.767	16.1	1227.5
5/17/2017	10:30:00	0	89.775	16.1	1227.5
5/17/2017	10:45:00	0	89.735	16.1	1227.5
5/17/2017	11:00:00	0	89.73	16.1	1226.3
5/17/2017	11:15:00	0	89.725	16.1	1227.5
5/17/2017	11:30:00	0	89.732	16.1	1227.5
5/17/2017	11:45:00	0	89.716	16.1	1228.7
5/17/2017	12:00:00	0	89.734	16.1	1227.5
5/17/2017	12:15:00	0	89.708	16.1	1227.5
5/17/2017	12:30:00	0	89.749	16.1	1228.7
5/17/2017	12:45:00	0	89.706	16.1	1228.7
5/17/2017	13:00:00	0	89.694	16.1	1228.7
5/17/2017	13:15:00	0	89.661	16.1	1228.7
5/17/2017	13:30:00	0	89.664	16.1	1227.5
5/17/2017	13:45:00	0	89.668	16.1	1228.7
5/17/2017	14:00:00	0	89.675	16.1	1228.7
5/17/2017	14:15:00	0	89.642	16.1	1228.7
5/17/2017	14:30:00	0	89.666	16.1	1228.7
5/17/2017	14:45:00	0	89.665	16.1	1228.7
5/17/2017	15:00:00	0	89.61	16.1	1227.5
5/17/2017	15:15:00	0	89.631	16.1	1228.7
5/17/2017	15:30:00	0	89.619	16.1	1227.5
5/17/2017	15:45:00	0	89.592	16.1	1228.7
5/17/2017	16:00:00	0	89.64	16.1	1227.5
5/17/2017	16:15:00	0	89.621	16.1	1228.7
5/17/2017	16:30:00	0	89.626	16.1	1228.7
5/17/2017	16:45:00	0	89.607	16.1	1228.7
5/17/2017	17:00:00	0	89.635	16.1	1228.7
5/17/2017	17:15:00	0	89.603	16.1	1228.7
5/17/2017	17:30:00	0	89.619	16.1	1228.7
5/17/2017	17:45:00	0	89.604	16.1	1227.5
5/17/2017	18:00:00	0	89.592	16.1	1228.7
5/17/2017	18:15:00	0	89.605	16.1	1229.8
5/17/2017	18:30:00	0	89.632	16.1	1227.5
5/17/2017	18:45:00	0	89.65	16.1	1228.7
5/17/2017	19:00:00	0	89.648	16.1	1226.3
5/17/2017	19:15:00	0	89.648	16.1	1227.5
5/17/2017	19:30:00	0	89.621	16.1	1228.7
5/17/2017	19:45:00	0	89.641	16.1	1227.5

5/17/2017	20:00:00	0	89.674	16.1	1227.5
5/17/2017	20:15:00	0	89.635	16.1	1227.5
5/17/2017	20:30:00	0	89.649	16.1	1227.5
5/17/2017	20:45:00	0	89.625	16.1	1227.5
5/17/2017	21:00:00	0	89.644	16.1	1227.5
5/17/2017	21:15:00	0	89.682	16.1	1228.7
5/17/2017	21:30:00	0	89.654	16.1	1228.7
5/17/2017	21:45:00	0	89.649	16.1	1227.5
5/17/2017	22:00:00	0	89.646	16.1	1227.5
5/17/2017	22:15:00	0	89.668	16.1	1226.3
5/17/2017	22:30:00	0	89.663	16.1	1227.5
5/17/2017	22:45:00	0	89.639	16.1	1227.5
5/17/2017	23:00:00	0	89.678	16.1	1228.7
5/17/2017	23:15:00	0	89.604	16.1	1227.5
5/17/2017	23:30:00	0	89.65	16.1	1227.5
5/17/2017	23:45:00	0	89.67	16.1	1228.7

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	TEMPERATURE	CONDUCTIVITY	
	5/11/2017	0:00:00	0	28.922	15.9	2028.3
	5/11/2017	0:15:00	0	28.88	15.9	2028.3
	5/11/2017	0:30:00	0	28.903	15.9	2028.3
	5/11/2017	0:45:00	0	28.898	15.9	2028.3
	5/11/2017	1:00:00	0	28.919	15.9	2028.3
	5/11/2017	1:15:00	0	28.902	15.9	2028.3
	5/11/2017	1:30:00	0	28.922	15.9	2027.1
	5/11/2017	1:45:00	0	28.944	15.9	2027.1
	5/11/2017	2:00:00	0	28.927	15.9	2027.1
	5/11/2017	2:15:00	0	28.889	15.9	2028.3
	5/11/2017	2:30:00	0	28.928	15.9	2027.1
	5/11/2017	2:45:00	0	28.892	15.9	2028.3
	5/11/2017	3:00:00	0	28.932	15.9	2028.3
	5/11/2017	3:15:00	0	28.931	15.9	2028.3
	5/11/2017	3:30:00	0	28.928	15.9	2028.3
	5/11/2017	3:45:00	0	28.903	15.9	2028.3
	5/11/2017	4:00:00	0	28.884	15.9	2028.3
	5/11/2017	4:15:00	0	28.941	15.9	2028.3
	5/11/2017	4:30:00	0	28.94	15.9	2030.7
	5/11/2017	4:45:00	0	28.938	15.9	2028.3
	5/11/2017	5:00:00	0	28.92	15.9	2028.3
	5/11/2017	5:15:00	0	28.925	15.9	2028.3
	5/11/2017	5:30:00	0	28.922	15.9	2028.3
	5/11/2017	5:45:00	0	28.963	15.9	2028.3
	5/11/2017	6:00:00	0	28.932	15.9	2028.3
	5/11/2017	6:15:00	0	28.888	15.9	2028.3
	5/11/2017	6:30:00	0	28.903	15.9	2028.3
	5/11/2017	6:45:00	0	28.903	15.9	2028.3
	5/11/2017	7:00:00	0	28.923	15.9	2028.3
	5/11/2017	7:15:00	0	28.902	15.9	2028.3
	5/11/2017	7:30:00	0	28.966	15.9	2028.3
	5/11/2017	7:45:00	0	28.92	15.9	2027.1
	5/11/2017	8:00:00	0	28.912	15.9	2028.3
	5/11/2017	8:15:00	0	28.872	15.9	2028.3
	5/11/2017	8:30:00	0	28.888	15.9	2028.3
	5/11/2017	8:45:00	0	28.91	15.9	2028.3
	5/11/2017	9:00:00	0	28.895	15.9	2028.3
	5/11/2017	9:15:00	0	28.912	15.9	2028.3
	5/11/2017	9:30:00	0	28.895	15.9	2028.3
	5/11/2017	9:45:00	0	28.915	15.9	2028.3
	5/11/2017	10:00:00	0	28.92	15.9	2028.3
	5/11/2017	10:15:00	0	28.896	15.9	2028.3
	5/11/2017	10:30:00	0	28.94	15.9	2027.1
	5/11/2017	10:45:00	0	28.918	15.9	2027.1
	5/11/2017	11:00:00	0	28.916	15.9	2027.1
	5/11/2017	11:15:00	0	28.915	15.9	2027.1
	5/11/2017	11:30:00	0	28.935	15.9	2025.9
	5/11/2017	11:45:00	0	28.876	15.9	2028.3
	5/11/2017	12:00:00	0	28.994	15.9	2030.7
	5/11/2017	12:15:00	0	28.932	15.9	2031.9
	5/11/2017	12:30:00	0	28.934	15.9	2033
	5/11/2017	12:45:00	0	28.936	15.9	2034.2
	5/11/2017	13:00:00	0	28.955	15.9	2034.2
	5/11/2017	13:15:00	0	28.957	15.9	2034.2
	5/11/2017	13:30:00	0	28.917	15.9	2035.4
	5/11/2017	13:45:00	0	28.937	15.9	2035.4
	5/11/2017	14:00:00	0	28.936	15.9	2037.8
	5/11/2017	14:15:00	0	28.897	15.9	2035.4
	5/11/2017	14:30:00	0	28.917	15.9	2037.8
	5/11/2017	14:45:00	0	28.92	15.9	2037.8
	5/11/2017	15:00:00	0	28.944	15.9	2037.8
	5/11/2017	15:15:00	0	28.951	15.9	2038.9
	5/11/2017	15:30:00	0	28.953	15.9	2038.9
	5/11/2017	15:45:00	0	28.934	15.9	2038.9
	5/11/2017	16:00:00	0	28.956	15.9	2038.9
	5/11/2017	16:15:00	0	28.937	15.9	2040.1
	5/11/2017	16:30:00	0	28.925	15.9	2038.9
	5/11/2017	16:45:00	0	28.966	15.9	2038.9
	5/11/2017	17:00:00	0	28.948	15.9	2038.9
	5/11/2017	17:15:00	0	28.949	15.9	2037.8
	5/11/2017	17:30:00	0	28.913	15.9	2037.8
	5/11/2017	17:45:00	0	28.952	15.9	2037.8
	5/11/2017	18:00:00	0	28.937	15.9	2037.8
	5/11/2017	18:15:00	0	28.915	15.9	2037.8
	5/11/2017	18:30:00	0	28.918	15.9	2037.8
	5/11/2017	18:45:00	0	28.959	15.9	2037.8
	5/11/2017	19:00:00	0	28.958	15.9	2035.4
	5/11/2017	19:15:00	0	28.937	15.9	2035.4
	5/11/2017	19:30:00	0	28.975	15.9	2035.4
	5/11/2017	19:45:00	0	28.934	15.9	2035.4

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5/11/2017	21:15:00	0	28.952	15.9	2034.2
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5/11/2017	21:45:00	0	28.951	15.9	2034.2
5/11/2017	22:00:00	0	28.932	15.9	2034.2
5/11/2017	22:15:00	0	28.95	15.9	2034.2
5/11/2017	22:30:00	0	28.971	15.9	2034.2
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5/11/2017	23:00:00	0	28.964	15.9	2034.2
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5/11/2017	23:30:00	0	28.911	15.9	2034.2
5/11/2017	23:45:00	0	28.947	15.9	2033
5/12/2017	0:00:00	0	28.946	15.9	2034.2
5/12/2017	0:15:00	0	28.944	15.9	2034.2
5/12/2017	0:30:00	0	28.925	15.9	2033
5/12/2017	0:45:00	0	28.969	15.9	2033
5/12/2017	1:00:00	0	28.966	15.9	2033
5/12/2017	1:15:00	0	28.924	15.9	2033
5/12/2017	1:30:00	0	28.926	15.9	2033
5/12/2017	1:45:00	0	28.909	15.9	2034.2
5/12/2017	2:00:00	0	28.91	15.9	2033
5/12/2017	2:15:00	0	28.947	15.9	2033
5/12/2017	2:30:00	0	28.965	15.9	2033
5/12/2017	2:45:00	0	28.983	15.9	2033
5/12/2017	3:00:00	0	28.945	15.9	2033
5/12/2017	3:15:00	0	28.988	15.9	2033
5/12/2017	3:30:00	0	28.967	15.9	2033
5/12/2017	3:45:00	0	28.965	15.9	2033
5/12/2017	4:00:00	0	28.964	15.9	2033
5/12/2017	4:15:00	0	28.982	15.9	2033
5/12/2017	4:30:00	0	28.958	15.9	2033
5/12/2017	4:45:00	0	28.98	15.9	2033
5/12/2017	5:00:00	0	28.977	15.9	2033
5/12/2017	5:15:00	0	28.938	15.9	2033
5/12/2017	5:30:00	0	28.957	15.9	2031.9
5/12/2017	5:45:00	0	28.95	15.9	2031.9
5/12/2017	6:00:00	0	28.948	15.9	2031.9
5/12/2017	6:15:00	0	28.924	15.9	2031.9
5/12/2017	6:30:00	0	28.92	15.9	2031.9
5/12/2017	6:45:00	0	28.915	15.9	2031.9
5/12/2017	7:00:00	0	28.912	15.9	2030.7
5/12/2017	7:15:00	0	28.911	15.9	2031.9
5/12/2017	7:30:00	0	28.971	15.9	2031.9
5/12/2017	7:45:00	0	28.912	15.9	2031.9
5/12/2017	8:00:00	0	28.913	15.9	2031.9
5/12/2017	8:15:00	0	28.91	15.9	2031.9
5/12/2017	8:30:00	0	28.931	15.9	2031.9
5/12/2017	8:45:00	0	28.91	15.9	2031.9
5/12/2017	9:00:00	0	28.93	15.9	2031.9
5/12/2017	9:15:00	0	28.933	15.9	2031.9
5/12/2017	9:30:00	0	28.953	15.9	2031.9
5/12/2017	9:45:00	0	28.952	15.9	2031.9
5/12/2017	10:00:00	0	28.912	15.9	2031.9
5/12/2017	10:15:00	0	28.935	15.9	2031.9
5/12/2017	10:30:00	0	28.939	15.9	2031.9
5/12/2017	10:45:00	0	28.918	15.9	2031.9
5/12/2017	11:00:00	0	28.939	15.9	2031.9
5/12/2017	11:15:00	0	28.937	15.9	2031.9
5/12/2017	11:30:00	0	28.902	15.9	2031.9
5/12/2017	11:45:00	0	28.943	15.9	2031.9
5/12/2017	12:00:00	0	28.928	15.9	2031.9
5/12/2017	12:15:00	0	28.947	15.9	2031.9
5/12/2017	12:30:00	0	28.909	15.9	2031.9
5/12/2017	12:45:00	0	28.94	15.9	2031.9
5/12/2017	13:00:00	0	28.983	15.9	2031.9
5/12/2017	13:15:00	0	28.947	15.9	2030.7
5/12/2017	13:30:00	0	28.953	15.9	2031.9
5/12/2017	13:45:00	0	28.974	15.9	2031.9
5/12/2017	14:00:00	0	28.995	15.9	2031.9
5/12/2017	14:15:00	0	28.96	15.9	2030.7
5/12/2017	14:30:00	0	28.988	15.9	2031.9
5/12/2017	14:45:00	0	28.95	15.9	2030.7
5/12/2017	15:00:00	0	28.983	15.9	2030.7
5/12/2017	15:15:00	0	29.012	15.9	2030.7
5/12/2017	15:30:00	0	28.95	15.9	2030.7
5/12/2017	15:45:00	0	28.977	15.9	2030.7
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5/12/2017	16:15:00	0	29.002	15.9	2030.7
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5/12/2017	16:45:00	0	28.99	15.9	2030.7
5/12/2017	17:00:00	0	29.03	15.9	2030.7
5/12/2017	17:15:00	0	28.946	15.9	2030.7
5/12/2017	17:30:00	0	29.005	15.9	2030.7
5/12/2017	17:45:00	0	28.993	15.9	2030.7
5/12/2017	18:00:00	0	28.969	15.9	2030.7
5/12/2017	18:15:00	0	28.992	15.9	2030.7
5/12/2017	18:30:00	0	28.989	15.9	2030.7
5/12/2017	18:45:00	0	28.988	15.9	2030.7
5/12/2017	19:00:00	0	28.974	15.9	2030.7
5/12/2017	19:15:00	0	28.978	15.9	2030.7
5/12/2017	19:30:00	0	28.948	15.9	2030.7
5/12/2017	19:45:00	0	28.926	15.9	2030.7

5/12/2017	20:00:00	0	28.943	15.9	2030.7
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5/12/2017	21:45:00	0	28.973	15.9	2030.7
5/12/2017	22:00:00	0	28.912	15.9	2030.7
5/12/2017	22:15:00	0	28.908	15.9	2030.7
5/12/2017	22:30:00	0	28.93	15.9	2030.7
5/12/2017	22:45:00	0	28.968	15.9	2030.7
5/12/2017	23:00:00	0	28.948	15.9	2030.7
5/12/2017	23:15:00	0	28.93	15.9	2030.7
5/12/2017	23:30:00	0	28.971	15.9	2030.7
5/12/2017	23:45:00	0	28.954	15.9	2030.7
5/13/2017	0:00:00	0	28.916	15.9	2030.7
5/13/2017	0:15:00	0	28.915	15.9	2028.3
5/13/2017	0:30:00	0	28.939	15.9	2028.3
5/13/2017	0:45:00	0	28.977	15.9	2028.3
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5/13/2017	1:15:00	0	28.984	15.9	2028.3
5/13/2017	1:30:00	0	28.965	15.9	2028.3
5/13/2017	1:45:00	0	28.966	15.9	2028.3
5/13/2017	2:00:00	0	28.948	15.9	2028.3
5/13/2017	2:15:00	0	28.993	15.9	2027.1
5/13/2017	2:30:00	0	29.013	15.9	2028.3
5/13/2017	2:45:00	0	28.996	15.9	2028.3
5/13/2017	3:00:00	0	28.933	15.9	2028.3
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5/13/2017	5:00:00	0	28.986	15.9	2028.3
5/13/2017	5:15:00	0	28.966	15.9	2028.3
5/13/2017	5:30:00	0	28.969	15.9	2028.3
5/13/2017	5:45:00	0	28.984	15.9	2028.3
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5/13/2017	7:15:00	0	28.987	15.9	2024.8
5/13/2017	7:30:00	0	28.966	15.9	2027.1
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5/13/2017	8:30:00	0	28.957	15.9	2025.9
5/13/2017	8:45:00	0	28.935	15.9	2025.9
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5/13/2017	9:15:00	0	28.935	15.9	2025.9
5/13/2017	9:30:00	0	28.936	15.9	2025.9
5/13/2017	9:45:00	0	28.922	15.9	2025.9
5/13/2017	10:00:00	0	28.925	15.9	2024.8
5/13/2017	10:15:00	0	28.949	15.9	2024.8
5/13/2017	10:30:00	0	28.981	15.9	2024.8
5/13/2017	10:45:00	0	28.96	15.9	2024.8
5/13/2017	11:00:00	0	28.945	15.9	2024.8
5/13/2017	11:15:00	0	28.985	15.9	2022.4
5/13/2017	11:30:00	0	28.932	15.9	2022.4
5/13/2017	11:45:00	0	28.97	15.9	2021.2
5/13/2017	12:00:00	0	28.954	15.9	2022.4
5/13/2017	12:15:00	0	28.975	15.9	2022.4
5/13/2017	12:30:00	0	28.981	15.9	2022.4
5/13/2017	12:45:00	0	28.982	15.9	2021.2
5/13/2017	13:00:00	0	28.962	15.9	2021.2
5/13/2017	13:15:00	0	28.962	15.9	2021.2
5/13/2017	13:30:00	0	28.981	15.9	2021.2
5/13/2017	13:45:00	0	28.967	15.9	2020
5/13/2017	14:00:00	0	29.007	15.9	2021.2
5/13/2017	14:15:00	0	29.012	15.9	2021.2
5/13/2017	14:30:00	0	28.934	15.9	2020
5/13/2017	14:45:00	0	28.967	15.9	2020
5/13/2017	15:00:00	0	28.952	15.9	2018.9
5/13/2017	15:15:00	0	28.999	15.9	2018.9
5/13/2017	15:30:00	0	28.991	15.9	2018.9
5/13/2017	15:45:00	0	28.996	15.9	2018.9
5/13/2017	16:00:00	0	29.005	15.9	2016.5
5/13/2017	16:15:00	0	29.016	15.9	2016.5
5/13/2017	16:30:00	0	29.004	15.9	2014.1
5/13/2017	16:45:00	0	29.014	15.9	2012.9
5/13/2017	17:00:00	0	29.076	15.9	2012.9
5/13/2017	17:15:00	0	29.043	15.9	2004.7
5/13/2017	17:30:00	0	29.029	15.9	2002.3
5/13/2017	17:45:00	0	29.01	15.9	1995.2
5/13/2017	18:00:00	0	28.976	15.9	1960.9
5/13/2017	18:15:00	0	29.019	15.9	1829.7
5/13/2017	18:30:00	0	29.028	15.9	1755.3
5/13/2017	18:45:00	0	29.051	15.9	1782.5
5/13/2017	19:00:00	0	28.996	15.9	1782.5
5/13/2017	19:15:00	0	29.052	15.9	1755.3
5/13/2017	19:30:00	0	29.034	15.9	1749.4
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5/13/2017	20:00:00	0	29.035	15.9	1750.5
5/13/2017	20:15:00	0	28.993	15.9	1758.8
5/13/2017	20:30:00	0	28.954	15.9	1752.9
5/13/2017	20:45:00	0	28.975	15.9	1775.4
5/13/2017	21:00:00	0	28.932	15.9	1781.3
5/13/2017	21:15:00	0	29.005	15.9	1820.3
5/13/2017	21:30:00	0	29.019	15.9	1764.7
5/13/2017	21:45:00	0	28.997	15.9	1787.2
5/13/2017	22:00:00	0	28.957	15.9	1795.5
5/13/2017	22:15:00	0	28.995	15.9	1871.1
5/13/2017	22:30:00	0	28.992	15.9	1871.1
5/13/2017	22:45:00	0	28.931	15.9	1880.6
5/13/2017	23:00:00	0	28.991	15.9	1867.6
5/13/2017	23:15:00	0	28.954	15.9	1854.6
5/13/2017	23:30:00	0	28.996	15.9	1839.2
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5/14/2017	0:00:00	0	29.001	15.9	1804.9
5/14/2017	0:15:00	0	28.985	15.9	1869.9
5/14/2017	0:30:00	0	28.968	15.9	1869.9
5/14/2017	0:45:00	0	29.036	15.9	1874.7
5/14/2017	1:00:00	0	28.959	15.9	1862.8
5/14/2017	1:15:00	0	29.001	15.9	1836.8
5/14/2017	1:30:00	0	28.988	15.9	1880.6
5/14/2017	1:45:00	0	29.007	15.9	1898.3
5/14/2017	2:00:00	0	29.008	15.9	1906.6
5/14/2017	2:15:00	0	29.014	15.9	1899.5
5/14/2017	2:30:00	0	29.016	15.9	1900.7
5/14/2017	2:45:00	0	28.998	15.9	1911.3
5/14/2017	3:00:00	0	29.001	15.9	1888.8
5/14/2017	3:15:00	0	29.002	15.9	1898.3
5/14/2017	3:30:00	0	29.021	15.9	1894.7
5/14/2017	3:45:00	0	29.041	15.9	1901.8
5/14/2017	4:00:00	0	28.964	15.9	1904.2
5/14/2017	4:15:00	0	29.021	15.9	1907.7
5/14/2017	4:30:00	0	28.968	15.9	1907.7
5/14/2017	4:45:00	0	29.026	15.9	1901.8
5/14/2017	5:00:00	0	28.967	15.9	1904.2
5/14/2017	5:15:00	0	29.005	15.9	1900.7
5/14/2017	5:30:00	0	28.986	15.9	1904.2
5/14/2017	5:45:00	0	28.965	15.9	1919.6
5/14/2017	6:00:00	0	28.969	15.9	1910.1
5/14/2017	6:15:00	0	28.968	15.9	1929
5/14/2017	6:30:00	0	28.966	15.9	1917.2
5/14/2017	6:45:00	0	29.002	15.9	1917.2
5/14/2017	7:00:00	0	29	15.9	1925.5
5/14/2017	7:15:00	0	28.961	15.9	1925.5
5/14/2017	7:30:00	0	28.98	15.9	1925.5
5/14/2017	7:45:00	0	29.018	15.9	1891.2
5/14/2017	8:00:00	0	29	15.9	1887.7
5/14/2017	8:15:00	0	29	15.9	1886.5
5/14/2017	8:30:00	0	28.96	15.9	1891.2
5/14/2017	8:45:00	0	28.991	15.9	1893.6
5/14/2017	9:00:00	0	28.971	15.9	1900.7
5/14/2017	9:15:00	0	28.948	15.9	1897.1
5/14/2017	9:30:00	0	28.966	15.9	1901.8
5/14/2017	9:45:00	0	28.965	15.9	1901.8
5/14/2017	10:00:00	0	28.963	15.9	1907.7
5/14/2017	10:15:00	0	28.967	15.9	1911.3
5/14/2017	10:30:00	0	29.007	15.9	1906.6
5/14/2017	10:45:00	0	28.967	15.9	1923.1
5/14/2017	11:00:00	0	28.928	15.9	1921.9
5/14/2017	11:15:00	0	28.966	15.9	1910.1
5/14/2017	11:30:00	0	28.948	15.9	1912.5
5/14/2017	11:45:00	0	28.944	15.9	1912.5
5/14/2017	12:00:00	0	28.98	15.9	1916
5/14/2017	12:15:00	0	29.014	15.9	1913.7
5/14/2017	12:30:00	0	28.992	15.9	1913.7
5/14/2017	12:45:00	0	28.951	15.9	1907.7
5/14/2017	13:00:00	0	28.953	15.9	1910.1
5/14/2017	13:15:00	0	28.974	15.9	1910.1
5/14/2017	13:30:00	0	28.991	15.9	1894.7
5/14/2017	13:45:00	0	28.966	15.9	1871.1
5/14/2017	14:00:00	0	28.951	15.9	1892.4
5/14/2017	14:15:00	0	28.973	15.9	1901.8
5/14/2017	14:30:00	0	28.994	15.9	1901.8
5/14/2017	14:45:00	0	28.92	15.9	1900.7
5/14/2017	15:00:00	0	28.982	15.9	1900.7
5/14/2017	15:15:00	0	28.947	15.9	1912.5
5/14/2017	15:30:00	0	28.954	15.9	1918.4
5/14/2017	15:45:00	0	29.018	15.9	1910.1
5/14/2017	16:00:00	0	28.978	15.9	1907.7
5/14/2017	16:15:00	0	28.998	15.9	1916
5/14/2017	16:30:00	0	28.986	15.9	1916
5/14/2017	16:45:00	0	28.945	15.9	1918.4
5/14/2017	17:00:00	0	28.992	15.9	1918.4
5/14/2017	17:15:00	0	28.967	15.9	1924.3
5/14/2017	17:30:00	0	28.968	15.9	1891.2
5/14/2017	17:45:00	0	28.992	15.9	1892.4
5/14/2017	18:00:00	0	29.013	15.9	1893.6
5/14/2017	18:15:00	0	28.992	15.9	1904.2
5/14/2017	18:30:00	0	28.974	15.9	1900.7
5/14/2017	18:45:00	0	29.033	15.9	1905.4
5/14/2017	19:00:00	0	28.956	15.9	1907.7
5/14/2017	19:15:00	0	28.98	15.9	1912.5
5/14/2017	19:30:00	0	28.999	15.9	1906.6
5/14/2017	19:45:00	0	29	15.9	1919.6

5/14/2017	20:00:00	0	29.022	15.9	1916
5/14/2017	20:15:00	0	29.003	15.9	1905.4
5/14/2017	20:30:00	0	29.006	15.9	1907.7
5/14/2017	20:45:00	0	28.986	15.9	1910.1
5/14/2017	21:00:00	0	28.93	15.9	1899.5
5/14/2017	21:15:00	0	29.027	15.9	1888.8
5/14/2017	21:30:00	0	28.99	15.9	1899.5
5/14/2017	21:45:00	0	28.994	15.9	1898.3
5/14/2017	22:00:00	0	28.989	15.9	1898.3
5/14/2017	22:15:00	0	28.967	15.9	1913.7
5/14/2017	22:30:00	0	29.007	15.9	1910.1
5/14/2017	22:45:00	0	28.988	15.9	1917.2
5/14/2017	23:00:00	0	29.009	15.9	1929
5/14/2017	23:15:00	0	28.991	15.9	1934.9
5/14/2017	23:30:00	0	28.995	15.9	1929
5/14/2017	23:45:00	0	28.999	15.9	1931.4
5/15/2017	0:00:00	0	29.021	15.9	1930.2
5/15/2017	0:15:00	0	29.017	15.9	1918.4
5/15/2017	0:30:00	0	28.977	15.9	1911.3
5/15/2017	0:45:00	0	28.997	15.9	1912.5
5/15/2017	1:00:00	0	28.999	15.9	1917.2
5/15/2017	1:15:00	0	29.006	15.9	1936.1
5/15/2017	1:30:00	0	29.007	15.9	1916
5/15/2017	1:45:00	0	28.969	15.9	1911.3
5/15/2017	2:00:00	0	28.989	15.9	1918.4
5/15/2017	2:15:00	0	28.972	15.9	1911.3
5/15/2017	2:30:00	0	28.954	15.9	1921.9
5/15/2017	2:45:00	0	28.996	15.9	1916
5/15/2017	3:00:00	0	29.017	15.9	1911.3
5/15/2017	3:15:00	0	28.982	15.9	1916
5/15/2017	3:30:00	0	28.939	15.9	1924.3
5/15/2017	3:45:00	0	28.98	15.9	1925.5
5/15/2017	4:00:00	0	28.98	15.9	1925.5
5/15/2017	4:15:00	0	29.022	15.9	1917.2
5/15/2017	4:30:00	0	29.005	15.9	1930.2
5/15/2017	4:45:00	0	28.984	15.9	1924.3
5/15/2017	5:00:00	0	28.983	15.9	1929
5/15/2017	5:15:00	0	29.024	15.9	1936.1
5/15/2017	5:30:00	0	29.005	15.9	1940.8
5/15/2017	5:45:00	0	29.025	15.9	1927.8
5/15/2017	6:00:00	0	28.966	15.9	1937.3
5/15/2017	6:15:00	0	29.022	15.9	1943.2
5/15/2017	6:30:00	0	28.981	15.9	1947.9
5/15/2017	6:45:00	0	29.014	15.9	1923.1
5/15/2017	7:00:00	0	29.03	15.9	1931.4
5/15/2017	7:15:00	0	28.947	15.9	1942
5/15/2017	7:30:00	0	28.948	15.9	1950.3
5/15/2017	7:45:00	0	29.027	15.9	1956.2
5/15/2017	8:00:00	0	28.944	15.9	1938.5
5/15/2017	8:15:00	0	28.996	15.9	1949.1
5/15/2017	8:30:00	0	28.955	15.9	1965.7
5/15/2017	8:45:00	0	28.972	15.9	1976.3
5/15/2017	9:00:00	0	28.987	15.9	1976.3
5/15/2017	9:15:00	0	28.965	15.9	1973.9
5/15/2017	9:30:00	0	28.963	15.9	1976.3
5/15/2017	9:45:00	0	29.002	15.9	1971.6
5/15/2017	10:00:00	0	28.938	15.9	1964.5
5/15/2017	10:15:00	0	28.935	15.9	1965.7
5/15/2017	10:30:00	0	28.974	15.9	1965.7
5/15/2017	10:45:00	0	28.994	15.9	1962.1
5/15/2017	11:00:00	0	28.932	15.9	1956.2
5/15/2017	11:15:00	0	28.992	15.9	1944.4
5/15/2017	11:30:00	0	28.952	15.9	1960.9
5/15/2017	11:45:00	0	28.952	15.9	1959.8
5/15/2017	12:00:00	0	28.987	15.9	1953.8
5/15/2017	12:15:00	0	28.96	15.9	1955
5/15/2017	12:30:00	0	28.962	15.9	1956.2
5/15/2017	12:45:00	0	28.96	15.9	1956.2
5/15/2017	13:00:00	0	28.964	15.9	1946.8
5/15/2017	13:15:00	0	28.923	15.9	1949.1
5/15/2017	13:30:00	0	28.982	15.9	1959.8
5/15/2017	13:45:00	0	28.919	15.9	1955
5/15/2017	14:00:00	0	28.998	15.9	1952.7
5/15/2017	14:15:00	0	28.961	15.9	1949.1
5/15/2017	14:30:00	0	28.996	15.9	1950.3
5/15/2017	14:45:00	0	28.995	15.9	1952.7
5/15/2017	15:00:00	0	28.975	15.9	1947.9
5/15/2017	15:15:00	0	28.958	15.9	1949.1
5/15/2017	15:30:00	0	28.957	15.9	1947.9
5/15/2017	15:45:00	0	28.981	15.9	1940.8
5/15/2017	16:00:00	0	28.939	15.9	1944.4
5/15/2017	16:15:00	0	29.018	15.9	1944.4
5/15/2017	16:30:00	0	28.977	15.9	1942
5/15/2017	16:45:00	0	28.998	15.9	1946.8
5/15/2017	17:00:00	0	28.957	15.9	1953.8
5/15/2017	17:15:00	0	28.977	15.9	1955
5/15/2017	17:30:00	0	28.954	15.9	1956.2
5/15/2017	17:45:00	0	29.029	15.9	1964.5
5/15/2017	18:00:00	0	28.949	15.9	1965.7
5/15/2017	18:15:00	0	28.986	15.9	1972.8
5/15/2017	18:30:00	0	28.969	15.9	1970.4
5/15/2017	18:45:00	0	28.95	15.9	1962.1
5/15/2017	19:00:00	0	28.967	15.9	1952.7
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5/15/2017	19:30:00	0	28.935	15.9	1955
5/15/2017	19:45:00	0	28.975	15.9	1952.7

5/15/2017	20:00:00	0	28.956	15.9	1952.7
5/15/2017	20:15:00	0	28.97	15.9	1955
5/15/2017	20:30:00	0	28.949	15.9	1960.9
5/15/2017	20:45:00	0	28.967	15.9	1949.1
5/15/2017	21:00:00	0	28.979	15.9	1943.2
5/15/2017	21:15:00	0	28.991	15.9	1952.7
5/15/2017	21:30:00	0	28.961	15.9	1953.8
5/15/2017	21:45:00	0	28.992	15.9	1952.7
5/15/2017	22:00:00	0	28.948	15.9	1958.6
5/15/2017	22:15:00	0	28.944	15.9	1950.3
5/15/2017	22:30:00	0	28.924	15.9	1950.3
5/15/2017	22:45:00	0	28.938	15.9	1949.1
5/15/2017	23:00:00	0	28.936	15.9	1949.1
5/15/2017	23:15:00	0	28.953	15.9	1960.9
5/15/2017	23:30:00	0	28.952	15.9	1959.8
5/15/2017	23:45:00	0	28.953	15.9	1956.2
5/16/2017	0:00:00	0	28.994	15.9	1962.1
5/16/2017	0:15:00	0	28.976	15.9	1955
5/16/2017	0:30:00	0	28.955	15.9	1953.8
5/16/2017	0:45:00	0	28.955	15.9	1946.8
5/16/2017	1:00:00	0	28.994	15.9	1953.8
5/16/2017	1:15:00	0	28.955	15.9	1960.9
5/16/2017	1:30:00	0	28.96	15.9	1958.6
5/16/2017	1:45:00	0	28.96	15.9	1960.9
5/16/2017	2:00:00	0	28.962	15.9	1958.6
5/16/2017	2:15:00	0	28.966	15.9	1952.7
5/16/2017	2:30:00	0	29.003	15.9	1968
5/16/2017	2:45:00	0	28.983	15.9	1970.4
5/16/2017	3:00:00	0	29.022	15.9	1973.9
5/16/2017	3:15:00	0	28.962	15.9	1977.5
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5/16/2017	4:00:00	0	29.024	15.9	1960.9
5/16/2017	4:15:00	0	29.018	15.9	1959.8
5/16/2017	4:30:00	0	28.978	15.9	1965.7
5/16/2017	4:45:00	0	29.037	15.9	1965.7
5/16/2017	5:00:00	0	28.958	15.9	1960.9
5/16/2017	5:15:00	0	28.974	15.9	1966.8
5/16/2017	5:30:00	0	28.978	15.9	1962.1
5/16/2017	5:45:00	0	28.995	15.9	1958.6
5/16/2017	6:00:00	0	28.979	15.9	1950.3
5/16/2017	6:15:00	0	29.009	15.9	1950.3
5/16/2017	6:30:00	0	28.967	15.9	1947.9
5/16/2017	6:45:00	0	29.038	15.9	1950.3
5/16/2017	7:00:00	0	28.935	15.9	1937.3
5/16/2017	7:15:00	0	28.987	15.9	1937.3
5/16/2017	7:30:00	0	28.94	15.9	1943.2
5/16/2017	7:45:00	0	28.981	15.9	1947.9
5/16/2017	8:00:00	0	28.978	15.9	1956.2
5/16/2017	8:15:00	0	28.97	15.9	1955
5/16/2017	8:30:00	0	28.922	15.9	1958.6
5/16/2017	8:45:00	0	28.938	15.9	1952.7
5/16/2017	9:00:00	0	28.936	15.9	1964.5
5/16/2017	9:15:00	0	28.881	15.9	1962.1
5/16/2017	9:30:00	0	28.916	15.9	1959.8
5/16/2017	9:45:00	0	28.917	15.9	1953.8
5/16/2017	10:00:00	0	28.934	15.9	1944.4
5/16/2017	10:15:00	0	28.957	15.9	1950.3
5/16/2017	10:30:00	0	28.934	15.9	1965.7
5/16/2017	10:45:00	0	28.914	15.9	1976.3
5/16/2017	11:00:00	0	28.916	15.9	1955
5/16/2017	11:15:00	0	28.928	15.9	1956.2
5/16/2017	11:30:00	0	28.947	15.9	1953.8
5/16/2017	11:45:00	0	28.943	15.9	1949.1
5/16/2017	12:00:00	0	28.96	15.9	1966.8
5/16/2017	12:15:00	0	28.959	15.9	1965.7
5/16/2017	12:30:00	0	28.997	15.9	1965.7
5/16/2017	12:45:00	0	28.979	15.9	1971.6
5/16/2017	13:00:00	0	28.975	15.9	1977.5
5/16/2017	13:15:00	0	28.976	15.9	1977.5
5/16/2017	13:30:00	0	28.974	15.9	1968
5/16/2017	13:45:00	0	28.913	15.9	1971.6
5/16/2017	14:00:00	0	28.928	15.9	1966.8
5/16/2017	14:15:00	0	28.954	15.9	1962.1
5/16/2017	14:30:00	0	28.952	15.9	1962.1
5/16/2017	14:45:00	0	28.926	15.9	1960.9
5/16/2017	15:00:00	0	28.945	15.9	1959.8
5/16/2017	15:15:00	0	28.927	15.9	1959.8
5/16/2017	15:30:00	0	28.954	15.9	1965.7
5/16/2017	15:45:00	0	28.998	15.9	1968
5/16/2017	16:00:00	0	28.959	15.9	1972.8
5/16/2017	16:15:00	0	28.955	15.9	1983.4
5/16/2017	16:30:00	0	28.978	15.9	1984.6
5/16/2017	16:45:00	0	28.941	15.9	1984.6
5/16/2017	17:00:00	0	28.999	15.9	1984.6
5/16/2017	17:15:00	0	28.979	15.9	1978.7
5/16/2017	17:30:00	0	28.977	15.9	1977.5
5/16/2017	17:45:00	0	28.978	15.9	1977.5
5/16/2017	18:00:00	0	28.982	15.9	1976.3
5/16/2017	18:15:00	0	28.965	15.9	1976.3
5/16/2017	18:30:00	0	29.027	15.9	1972.8
5/16/2017	18:45:00	0	28.994	15.9	1977.5
5/16/2017	19:00:00	0	28.972	15.9	1978.7
5/16/2017	19:15:00	0	29.013	15.9	1972.8
5/16/2017	19:30:00	0	28.991	15.9	1973.9
5/16/2017	19:45:00	0	29.011	15.9	1965.7

5/16/2017	20:00:00	0	28.991	15.9	1959.8
5/16/2017	20:15:00	0	28.996	15.9	1971.6
5/16/2017	20:30:00	0	28.998	15.9	1972.8
5/16/2017	20:45:00	0	28.978	15.9	1976.3
5/16/2017	21:00:00	0	28.966	15.9	1979.8
5/16/2017	21:15:00	0	29.003	15.9	1976.3
5/16/2017	21:30:00	0	28.965	15.9	1978.7
5/16/2017	21:45:00	0	29.021	15.9	1978.7
5/16/2017	22:00:00	0	28.973	15.9	1977.5
5/16/2017	22:15:00	0	28.991	15.9	1981
5/16/2017	22:30:00	0	28.973	15.9	1973.9
5/16/2017	22:45:00	0	28.974	15.9	1971.6
5/16/2017	23:00:00	0	28.935	15.9	1978.7
5/16/2017	23:15:00	0	28.974	15.9	1978.7
5/16/2017	23:30:00	0	28.98	15.9	1973.9
5/16/2017	23:45:00	0	28.975	15.9	1970.4
5/17/2017	0:00:00	0	28.978	15.9	1977.5
5/17/2017	0:15:00	0	28.922	15.9	1976.3
5/17/2017	0:30:00	0	28.964	15.9	1977.5
5/17/2017	0:45:00	0	29.009	15.9	1977.5
5/17/2017	1:00:00	0	29.015	15.9	1968
5/17/2017	1:15:00	0	29.019	15.9	1971.6
5/17/2017	1:30:00	0	28.984	15.9	1973.9
5/17/2017	1:45:00	0	29.049	15.9	1972.8
5/17/2017	2:00:00	0	29.018	15.9	1960.9
5/17/2017	2:15:00	0	29.005	15.9	1970.4
5/17/2017	2:30:00	0	29.026	15.9	1970.4
5/17/2017	2:45:00	0	29.027	15.9	1970.4
5/17/2017	3:00:00	0	28.991	15.9	1968
5/17/2017	3:15:00	0	28.997	15.9	1978.7
5/17/2017	3:30:00	0	29.039	15.9	1970.4
5/17/2017	3:45:00	0	29.017	15.9	1979.8
5/17/2017	4:00:00	0	29.04	15.9	1979.8
5/17/2017	4:15:00	0	29.04	15.9	1977.5
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5/17/2017	4:45:00	0	29.044	15.9	1968
5/17/2017	5:00:00	0	29.046	15.9	1978.7
5/17/2017	5:15:00	0	29.03	15.9	1981
5/17/2017	5:30:00	0	29.009	15.9	1979.8
5/17/2017	5:45:00	0	29.021	15.9	1979.8
5/17/2017	6:00:00	0	29.025	15.9	1978.7
5/17/2017	6:15:00	0	28.966	15.9	1977.5
5/17/2017	6:30:00	0	29.005	15.9	1970.4
5/17/2017	6:45:00	0	29.017	15.9	1970.4
5/17/2017	7:00:00	0	28.997	15.9	1970.4
5/17/2017	7:15:00	0	28.988	15.9	1972.8
5/17/2017	7:30:00	0	28.976	15.9	1972.8
5/17/2017	7:45:00	0	29.005	15.9	1968
5/17/2017	8:00:00	0	28.967	15.9	1971.6
5/17/2017	8:15:00	0	28.969	15.9	1968
5/17/2017	8:30:00	0	29.007	15.9	1965.7
5/17/2017	8:45:00	0	28.927	15.9	1968
5/17/2017	9:00:00	0	28.948	15.9	1965.7
5/17/2017	9:15:00	0	28.988	15.9	1968
5/17/2017	9:30:00	0	28.964	15.9	1977.5
5/17/2017	9:45:00	0	28.983	15.9	1972.8
5/17/2017	10:00:00	0	28.987	15.9	1971.6
5/17/2017	10:15:00	0	28.98	15.9	1971.6
5/17/2017	10:30:00	0	28.968	15.9	1973.9
5/17/2017	10:45:00	0	28.967	15.9	1972.8
5/17/2017	11:00:00	0	28.962	15.9	1970.4
5/17/2017	11:15:00	0	28.977	15.9	1976.3
5/17/2017	11:30:00	0	29.003	15.9	1971.6
5/17/2017	11:45:00	0	29.007	15.9	1968
5/17/2017	12:00:00	0	29.025	15.9	1971.6
5/17/2017	12:15:00	0	28.96	15.9	1973.9
5/17/2017	12:30:00	0	29.001	15.9	1972.8
5/17/2017	12:45:00	0	28.938	15.9	1976.3
5/17/2017	13:00:00	0	29.025	15.9	1972.8
5/17/2017	13:15:00	0	28.952	15.9	1973.9
5/17/2017	13:30:00	0	28.975	15.9	1971.6
5/17/2017	13:45:00	0	28.999	15.9	1972.8
5/17/2017	14:00:00	0	29.025	15.9	1968
5/17/2017	14:15:00	0	29.032	15.9	1966.8
5/17/2017	14:30:00	0	28.997	15.9	1970.4
5/17/2017	14:45:00	0	29.016	15.9	1973.9
5/17/2017	15:00:00	0	29.02	15.9	1977.5
5/17/2017	15:15:00	0	29.001	15.9	1973.9
5/17/2017	15:30:00	0	29.029	15.9	1971.6
5/17/2017	15:45:00	0	29.002	15.9	1973.9
5/17/2017	16:00:00	0	29.03	15.9	1970.4
5/17/2017	16:15:00	0	29.031	15.9	1968
5/17/2017	16:30:00	0	28.996	15.9	1978.7
5/17/2017	16:45:00	0	29.037	15.9	1978.7
5/17/2017	17:00:00	0	29.005	15.9	1979.8
5/17/2017	17:15:00	0	29.012	15.9	1973.9
5/17/2017	17:30:00	0	29.049	15.9	1981
5/17/2017	17:45:00	0	28.994	15.9	1981
5/17/2017	18:00:00	0	29.041	15.9	1983.4
5/17/2017	18:15:00	0	29.074	15.9	1984.6
5/17/2017	18:30:00	0	29.041	15.9	1986.9
5/17/2017	18:45:00	0	29.04	15.9	1984.6
5/17/2017	19:00:00	0	29.019	15.9	1977.5
5/17/2017	19:15:00	0	29.057	15.9	1981
5/17/2017	19:30:00	0	29.031	15.9	1981
5/17/2017	19:45:00	0	29.011	15.9	1979.8

5/17/2017	20:00:00	0	29.025	15.9	1979.8
5/17/2017	20:15:00	0	29.025	15.9	1970.4
5/17/2017	20:30:00	0	29.039	15.9	1976.3
5/17/2017	20:45:00	0	29.015	15.9	1976.3
5/17/2017	21:00:00	0	29.034	15.9	1972.8
5/17/2017	21:15:00	0	29.013	15.9	1968
5/17/2017	21:30:00	0	28.985	15.9	1971.6
5/17/2017	21:45:00	0	29.019	15.9	1977.5
5/17/2017	22:00:00	0	29.016	15.9	1973.9
5/17/2017	22:15:00	0	29.018	15.9	1972.8
5/17/2017	22:30:00	0	28.974	15.9	1973.9
5/17/2017	22:45:00	0	28.99	15.9	1973.9
5/17/2017	23:00:00	0	28.97	15.9	1970.4
5/17/2017	23:15:00	0	29.013	15.9	1968
5/17/2017	23:30:00	0	29.02	15.9	1966.8
5/17/2017	23:45:00	0	28.981	15.9	1968

Report Date: 5/19/2017 8:55
Report User Name: AVanHaltsma
Report Computer Name: WKST34
Application: WinSitu.exe
Application Version: 5.6.25.0

Log File Properties
File Name MPSPWP MW-6M(L) LT Test_2017-05-18_14-33-55-624-BaroMerge.wsl
Create Date 5/19/2017 8:52

Device Properties
Device Aqua TROLL 200
Site MPWSP MW-6M(L)
Device Name
Serial Number 483472
Firmware Version 2.01
Hardware Version 4
Device Address 1
Device Comm Cfg 19200 8 Even 1 (Modbus-RTU)
Used Memory 0
Used Battery 3

Log Configuration
Log Name MPSPWP MW-6M(L) LT Test
Created By WMassoll
Computer Name PROBOOK2
Application WinSitu.exe
Application Version 5.6.27.1
Create Date 3/16/2017 11:30:17 AM Pacific Daylight Time
Log Setup Time Zone Pacific Daylight Time
Notes Size(bytes) 4096
Overwrite when full Enabled
Scheduled Start Time 3/16/2017 12:00:00 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 1.012

Other Log Settings
Depth of Probe: 41.5883 (ft)
Head Pressure: 18.246 (PSI)
Temperature: 21.9248 (C)
Specific Conductivity Model: Standard Methods
Reference Temperature: 25
Temperature Coefficient: 0.0191
TDS Factor: 0.68

Log Notes:
Date and Time Note
3/16/2017 11:30 Used Battery: 3% Used Memory: 3% User Name: WMassoll
3/16/2017 13:00 Log Download - Used Battery: 3% Used Memory: 3% User Name: WMassoll Interval - Start Time: 3/16/2017 12:00:00 PM Stop Time: 3/16/2017 1:00:00 PM
3/23/2017 13:14 Log Download - Used Battery: 3% Used Memory: 3% User Name: AVanHaltsma Interval - Start Time: 3/16/2017 12:00:00 PM Stop Time: 3/23/2017 2:00:00 PM
3/30/2017 11:34 Log Download - Used Battery: 3% Used Memory: 4% User Name: AVanHaltsma Interval - Start Time: 3/22/2017 10:00:00 PM Stop Time: 3/30/2017 12:45:00 PM
4/6/2017 10:19 Log Download - Used Battery: 4% Used Memory: 4% User Name: WMassoll Interval - Start Time: 2/28/2017 12:00:00 PM Stop Time: 3/31/2017 11:59:00 PM
4/6/2017 10:27 Log Download - Used Battery: 4% Used Memory: 4% User Name: WMassoll Interval - Start Time: 3/16/2017 12:00:00 PM Stop Time: 4/1/2017 6:00:00 AM
4/6/2017 11:53 Log Download - Used Battery: 4% Used Memory: 4% User Name: WMassoll Interval - Start Time: 3/16/2017 12:00:00 PM Stop Time: 4/6/2017 12:45:00 PM
4/13/2017 8:49 Log Download - Used Battery: 4% Used Memory: 6% User Name: WMassoll Interval - Start Time: 4/5/2017 12:00:00 PM Stop Time: 4/13/2017 9:45:00 AM
4/13/2017 8:51 Log Download - Used Battery: 4% Used Memory: 6% User Name: WMassoll Interval - Start Time: 4/5/2017 12:00:00 PM Stop Time: 4/13/2017 8:45:00 AM
4/13/2017 9:02 Log Download - Used Battery: 4% Used Memory: 6% User Name: WMassoll Interval - Start Time: 4/5/2017 12:00:00 PM Stop Time: 4/13/2017 9:45:00 AM
4/20/2017 10:45 Log Download - Used Battery: 4% Used Memory: 6% User Name: AVanHaltsma Interval - Start Time: 4/12/2017 10:00:00 PM Stop Time: 4/20/2017 12:45:00 PM
4/27/2017 9:50 Log Download - Used Battery: 5% Used Memory: 7% User Name: WMassoll Interval - Start Time: 4/19/2017 10:00:00 PM Stop Time: 4/27/2017 10:45:00 AM
5/4/2017 10:12 Log Download - Used Battery: 5% Used Memory: 7% User Name: AVanHaltsma Interval - Start Time: 3/31/2017 10:00:00 PM Stop Time: 5/4/2017 12:00:00 PM
5/11/2017 10:23 Log Download - Used Battery: 5% Used Memory: 9% User Name: AVanHaltsma Interval - Start Time: 5/3/2017 10:00:00 PM Stop Time: 5/11/2017 12:00:00 PM
5/18/2017 14:33 Log Download - Used Battery: 6% Used Memory: 9% User Name: WMassoll Interval - Start Time: 5/10/2017 10:00:00 PM Stop Time: 5/18/2017 3:30:00 PM
5/19/2017 8:52 User Note: "Pressure & Level adjusted by baro data from: "MPWSP Barotroll_2017-05-18_18-53-25-090.wsl""

Log Data:
Record Count 739
Sensors 2
1 483472 PCTD 300 PSIA (200.7m/658.7ft)
2 0 Baro-Adjustment Calc

Time Zone: Pacific Daylight Time

Date and Time	Elapsed Time Seconds	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	
		SNR: 483472		SNR: 483472		SNR: 483472		SNR: 483472		SNR: 483472		SNR: 483472		SNR: 483472		SNR: 483472		SNR: 000000	
		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)								
5/11/2017 0:00	7200	115.98	20.383	264.354	4096.768	4492.935	2.424	3.055	244.095	1	14.804								
5/11/2017 0:15	8100	115.958	20.393	264.304	4097.497	4492.805	2.424	3.055	244.051	1	14.8								
5/11/2017 0:30	9000	115.957	20.4	264.302	4097.626	4492.331	2.424	3.055	244.044	1	14.805								
5/11/2017 0:45	9900	115.939	20.386	264.26	4096.574	4492.443	2.424	3.055	244.106	1	14.808								
5/11/2017 1:00	10800	115.927	20.4	264.234	4097.217	4491.841	2.424	3.054	244.068	1	14.804								
5/11/2017 1:15	11700	115.921	20.398	264.22	4097.239	4492.054	2.424	3.055	244.067	1	14.806								
5/11/2017 1:30	12600	115.921	20.391	264.219	4096.82	4492.302	2.424	3.055	244.092	1	14.803								
5/11/2017 1:45	13500	115.921	20.387	264.22	4095.902	4491.657	2.424	3.054	244.146	1	14.802								
5/11/2017 2:00	14400	115.905	20.385	264.184	4097.103	4493.187	2.424	3.055	244.075	1	14.803								
5/11/2017 2:15	15300	115.902	20.404	264.177	4097.024	4491.243	2.423	3.054	244.08	1	14.797								
5/11/2017 2:30	16200	115.914	20.378	264.205	4096.574	4493.208	2.424	3.055	244.106	1	14.8								
5/11/2017 2:45	17100	115.905	20.384	264.183	4096.886	4492.982	2.424	3.055	244.088	1	14.804								
5/11/2017 3:00	18000	115.903	20.396	264.176	4097.257	4492.254	2.424	3.055	244.066	1	14.801								
5/11/2017 3:15	18900	115.9	20.397	264.172	4096.701	4491.571	2.424	3.054	244.099	1	14.802								
5/11/2017 3:30	19800	115.919	20.393	264.216	4097.882	4493.301	2.425	3.055	244.029	1	14.799								
5/11/2017 3:45	20700	115.915	20.391	264.205	4097.786	4493.36	2.425	3.055	244.034	1	14.803								
5/11/2017 4:00	21600	115.923	20.394	264.223	4097.196	4492.426	2.424	3.055	244.069	1	14.802								
5/11/2017 4:15	22500	115.93	20.398	264.24	4097.544	4492.421	2.424	3.055	244.049	1	14.801								
5/11/2017 4:30	23400	115.924	20.385	264.226	4096.204	4492.168	2.424	3.055	244.128	1	14.807								
5/11/2017 4:45	24300	115.944	20.398	264.271	4098.256	4493.186	2.425	3.055	244.006	1	14.805								
5/11/2017 5:00	25200	115.95	20.394	264.285	4097.141	4492.341	2.424	3.055	244.073	1	14.802								
5/11/2017 5:15	26100	115.966	20.396	264.322	4097.213	4492.272	2.424	3.055	244.068	1	14.8								
5/11/2017 5:30	27000	115.963	20.384	264.314	4096.146	4492.17	2.424	3.055	244.132	1	14.805								
5/11/2017 5:45	27900	115.973	20.39	264.339	4097.611	4493.202	2.425	3.055	244.045	1	14.802								
5/11/2017 6:00	28800	116.009	20.381	264.421	4097.211	4493.226	2.425	3.056	244.068	1	14.807								
5/11/2017 6:15	29700	116.018	20.389	264.441	4097.238	4492.94	2.424	3.055	244.067	1	14.814								
5/11/2017 6:30	30600	115.998	20.4	264.394	4097.721	4492.426	2.424	3.055	244.038	1	14.815								
5/11/2017 6:45	31500	115.995	20.38	264.388	4096.496	4492.933	2.424	3.055	244.111	1	14.815								
5/11/2017 7:00	32400	115.985	20.395	264.366	4097.9	4493.074	2.424	3.055	244.027	1	14.814								
5/11/2017 7:15	33300	115.956	20.399	264.299	4099.237	4494.221	2.425	3.056	243.948	1	14.815								
5/11/2017 7:30	34200	115.932	20.39	264.244	4098.265	4493.96	2.425	3.056	244.006	1	14.809								
5/11/2017 7:45	35100	115.881	20.38	264.128	4097.421	4493.956	2.425	3.056	244.056	1	14.812								
5/11/2017 8:00	36000	115.846	20.387	264.049	4098.217	4494.196	2.425	3.056	244.009	1	14.817								
5/11/2017 8:15	36900	115.798	20.383	263.94	4096.67	4492.884	2.424	3.055	244.101	1	14.822								
5/11/2017 8:30	37800	115.771	20.388	263.877	4097.096	4492.907	2.424	3.055	244.075	1	14.814								
5/11/2017 8:45	38700	115.751	20.403	263.832	4099.158	4493.682	2.425	3.056	243.953	1	14.816								
5/11/2017 9:00	39600	115.733	20.396	263.792	4097.708	4492.749	2.424	3.055	244.039	1	14.81								
5/11/2017 9:15	40500	115.714	20.401	263.748	4098.565	4493.271	2.425	3.055	243.988	1	14.815								
5/11/2017 9:30	41400	115.701	20.394	263.718	4098.696	4494.062	2.425	3.056	243.98	1	14.814								
5/11/2017 9:45	42300	115.674	20.384	263.656	4096.224	4492.313	2.424	3.055	244.127	1	14.817								
5/11/2017 10:00	43200	115.654	20.398	263.611	4099.22	4494.258	2.425	3.056	243.949	1	14.817								
5/11/2017 10:15	44100	115.634	20.392	263.565	4096.83	4492.206	2.424	3.055	244.091	1	14.816								
5/11/2017 10:30	45000	115.618	20.389	263.529	4097.339	4493.051	2.424	3.055	244.061	1	14.817								
5/11/2017 10:45	45900	115.613	20.373	263.517	4096.552	4493.652	2.425	3.056	244.108	1	14.814								
5/11/2017 11:00	46800	115.597	20.381	263.48	4097.524	4494.019	2.425	3.056	244.05	1	14.809								
5/11/2017 11:15	47700	115.582	20.365	263.446	4095.149	4492.937	2.424	3.055	244.191	1	14.815								
5/11/2017 11:30	48600	115.58	20.373	263.443	4096.678	4493.807	2.425	3.056	244.1	1	14.816								
5/11/2017 11:45	49500	115.586	20.378	263.455	4096.681	4493.364	2.425	3.055	244.1	1	14.822								
5/11/2017 12:00	50400	115.633	20.393	263.563	4097.19	4492.535	2.424	3.055	244.07	1	14.812								
5/11/2017 12:15	51300	115.665	20.377	263.635	4097.248	4494.078	2.425	3.056	244.066	1	14.814								
5/11/2017 12:30	52200	115.677	20.363	263.664	4095.216	4493.14	2.424	3.055	244.187	1	14.821								
5/11/2017 12:45	53100	115.706	20.379	263.73	4096.363	4492.919	2.424	3.055	244.119	1	14.817								
5/11/2017 13:00	54000	115.723	20.375	263.769	4097.157	4494.167	2.425	3.056	244.072	1	14.817								
5/11/2017 13:15	54900	115.736	20.373	263.799	4096.669	4493.789	2.425	3.056	244.101	1	14.814								
5/11/2017 13:30	55800	115.729	20.386	263.782	4098.235	4494.338	2.425	3.056	244.007	1	14.817								
5/11/2017 13:45	56700	115.756	20.378	263.843	4097.446	4494.153	2.425	3.056	244.054	1	14.816								
5/11/2017 14:00	57600	115.761	20.367	263.855	4095.856	4493.53	2.425	3.056	244.149	1	14.817								
5/11/2017 14:15	58500	115.773	20.368	263.883	4096.978	4494.663	2.425	3.056	244.082	1	14.807								
5/11/2017 14:30	59400	115.769	20.374	263.873	4096.379	4493.38	2.425	3.055	244.118	1	14.811								
5/11/2017 14:45	60300	115.78	20.38	263.899	4096.904	4493.438	2.425	3.056	244.087	1	14.815								
5/11/2017 15:00	61200	115.777	20.385	263.892	4097.235	4493.333	2.425	3.055	244.067	1	14.814								
5/11/2017 15:15	62100	115.8	20.366	263.943	4096.202	4493.976	2.425	3.056	244.129	1	14.808								
5/11/2017 15:30	63000	115.794	20.373	263.93	4098.341	4495.639	2.426	3.057	244.001	1	14.809								
5/11/2017 15:45	63900	115.806	20.396	263.957	4099.493	4494.789	2.425	3.056	243.933	1	14.807								
5/11/2017 16:00	64800	115.817	20.387	263.982	4097.626	4493.521	2.425	3.056	244.044	1	14.806								
5/11/2017 16:15	65700	115.816	20.388	263.98	4097.637	4493.452	2.425	3.056	244.043	1	14.808								

5/12/2017 5:45	114300	115.988	20385	264.373	4100.218	4496.619	2.426	3.058	243.889	1	14.811
5/12/2017 6:00	115200	116.031	20373	264.47	4100.809	4498.371	2.427	3.059	243.854	1	14.81
5/12/2017 6:15	116100	116.045	20378	264.503	4100.021	4496.988	2.427	3.058	243.901	1	14.817
5/12/2017 6:30	117000	116.046	20392	264.505	4101.802	4497.632	2.427	3.058	243.795	1	14.814
5/12/2017 6:45	117900	116.026	2038	264.459	4100.683	4497.574	2.427	3.058	243.862	1	14.817
5/12/2017 7:00	118800	116.016	20377	264.437	4100.403	4497.54	2.427	3.058	243.878	1	14.817
5/12/2017 7:15	119700	115.981	20380	264.457	4100.748	4498.122	2.427	3.059	243.858	1	14.815
5/12/2017 7:30	120600	115.962	20388	264.313	4101.712	4497.946	2.427	3.059	243.801	1	14.818
5/12/2017 7:45	121500	115.915	2038	264.206	4102	4499.044	2.428	3.059	243.783	1	14.818
5/12/2017 8:00	122400	115.89	20386	264.149	4101.862	4498.241	2.427	3.059	243.792	1	14.819
5/12/2017 8:15	123300	115.874	20387	264.112	4101.568	4497.886	2.427	3.059	243.809	1	14.815
5/12/2017 8:30	124200	115.839	20401	264.032	4102.831	4497.97	2.427	3.059	243.734	1	14.82
5/12/2017 8:45	125100	115.83	20382	264.012	4102.823	4499.521	2.428	3.06	243.815	1	14.815
5/12/2017 9:00	126000	115.821	20376	263.992	4102.514	4499.911	2.428	3.06	243.753	1	14.818
5/12/2017 9:15	126900	115.801	20372	263.946	4101.096	4498.792	2.428	3.059	243.837	1	14.813
5/12/2017 9:30	127800	115.794	20383	263.931	4102.828	4499.672	2.428	3.06	243.734	1	14.818
5/12/2017 9:45	128700	115.792	20369	263.927	4100.425	4498.354	2.427	3.059	243.877	1	14.812
5/12/2017 10:00	129600	115.782	20371	263.903	4101.37	4499.176	2.428	3.059	243.821	1	14.815
5/12/2017 10:15	130500	115.785	20375	263.909	4102.485	4500.012	2.428	3.06	243.755	1	14.816
5/12/2017 10:30	131400	115.809	20383	263.965	4103.281	4500.168	2.428	3.06	243.707	1	14.815
5/12/2017 10:45	132300	115.822	20377	263.993	4102.468	4499.779	2.428	3.06	243.756	1	14.816
5/12/2017 11:00	133200	115.839	20368	264.033	4102.5	4500.687	2.429	3.06	243.754	1	14.817
5/12/2017 11:15	134100	115.844	20387	264.044	4104.46	4501.008	2.429	3.061	243.637	1	14.812
5/12/2017 11:30	135000	115.838	20371	264.031	4102.556	4500.486	2.429	3.06	243.75	1	14.815
5/12/2017 11:45	135900	115.849	20372	264.056	4102.118	4499.84	2.428	3.06	243.777	1	14.812
5/12/2017 12:00	136800	115.839	20385	264.034	4104.45	4501.212	2.429	3.061	243.638	1	14.808
5/12/2017 12:15	137700	115.851	20373	264.059	4103.542	4501.362	2.429	3.061	243.692	1	14.811
5/12/2017 12:30	138600	115.839	20387	264.032	4103.083	4499.489	2.428	3.06	243.719	1	14.805
5/12/2017 12:45	139500	115.842	20379	264.04	4103.352	4500.584	2.429	3.06	243.703	1	14.803
5/12/2017 13:00	140400	115.838	20397	264.03	4105.472	4501.196	2.429	3.061	243.577	1	14.802
5/12/2017 13:15	141300	115.831	20378	264.004	4102.739	4499.938	2.428	3.06	243.74	1	14.803
5/12/2017 13:30	142200	115.826	20369	264.004	4102.794	4500.936	2.429	3.061	243.736	1	14.8
5/12/2017 13:45	143100	115.814	20383	263.975	4104.553	4501.506	2.429	3.061	243.632	1	14.802
5/12/2017 14:00	144000	115.819	20367	263.987	4103.247	4501.564	2.429	3.061	243.709	1	14.798
5/12/2017 14:15	144900	115.813	20383	263.972	4104.377	4501.363	2.429	3.061	243.642	1	14.796
5/12/2017 14:30	145800	115.799	20379	263.942	4104.338	4501.624	2.429	3.061	243.645	1	14.798
5/12/2017 14:45	146700	115.803	20381	263.95	4104.285	4501.435	2.429	3.061	243.648	1	14.788
5/12/2017 15:00	147600	115.784	20383	263.908	4103.861	4500.788	2.429	3.061	243.673	1	14.794
5/12/2017 15:15	148500	115.792	20369	263.926	4104.938	4503.264	2.43	3.062	243.609	1	14.789
5/12/2017 15:30	149400	115.786	20382	263.913	4104.597	4501.628	2.429	3.061	243.629	1	14.783
5/12/2017 15:45	150300	115.76	20379	263.853	4104.063	4501.388	2.429	3.061	243.661	1	14.784
5/12/2017 16:00	151200	115.763	20382	263.859	4105.062	4502.171	2.43	3.061	243.602	1	14.777
5/12/2017 16:15	152100	115.757	20385	263.845	4103.646	4501.093	2.429	3.061	243.629	1	14.786
5/12/2017 16:30	153000	115.751	20384	263.833	4106.148	4503.14	2.43	3.062	243.537	1	14.774
5/12/2017 16:45	153900	115.746	20374	263.821	4104.962	4502.853	2.43	3.062	243.608	1	14.779
5/12/2017 17:00	154800	115.741	20384	263.811	4105.272	4502.17	2.43	3.061	243.589	1	14.784
5/12/2017 17:15	155700	115.754	20375	263.839	4105.453	4503.267	2.43	3.062	243.579	1	14.781
5/12/2017 17:30	156600	115.76	20372	263.852	4104.388	4502.404	2.43	3.062	243.642	1	14.782
5/12/2017 17:45	157500	115.795	20367	263.932	4104.731	4503.248	2.43	3.062	243.619	1	14.778
5/12/2017 18:00	158400	115.783	20363	263.906	4102.958	4501.702	2.429	3.061	243.727	1	14.78
5/12/2017 18:15	159300	115.806	20384	263.957	4105.893	4502.925	2.43	3.062	243.552	1	14.779
5/12/2017 18:30	160200	115.823	20383	263.996	4105.925	4502.994	2.43	3.062	243.55	1	14.781
5/12/2017 18:45	161100	115.846	20375	264.049	4105.168	4502.939	2.43	3.062	243.595	1	14.779
5/12/2017 19:00	162000	115.866	20375	264.093	4106.534	4504.461	2.431	3.063	243.514	1	14.775
5/12/2017 19:15	162900	115.879	20372	264.124	4104.175	4502.104	2.43	3.061	243.654	1	14.777
5/12/2017 19:30	163800	115.887	20377	264.142	4105.974	4502.6	2.43	3.062	243.548	1	14.784
5/12/2017 19:45	164700	115.895	20365	264.161	4104.799	4503.531	2.43	3.062	243.617	1	14.787
5/12/2017 20:00	165600	115.931	20362	264.242	4105.277	4504.295	2.431	3.063	243.589	1	14.78
5/12/2017 20:15	166500	115.95	20358	264.286	4104.059	4503.378	2.43	3.062	243.661	1	14.775
5/12/2017 20:30	167400	115.952	20366	264.291	4106.095	4504.804	2.431	3.063	243.54	1	14.781
5/12/2017 20:45	168300	115.981	20365	264.356	4105.545	4504.275	2.431	3.063	243.573	1	14.786
5/12/2017 21:00	169200	115.987	20371	264.37	4106.183	4504.37	2.431	3.063	243.525	1	14.784
5/12/2017 21:15	170100	116.005	20362	264.412	4106.011	4505.125	2.431	3.063	243.545	1	14.781
5/12/2017 21:30	171000	116.005	20363	264.41	4106.106	4505.138	2.431	3.063	243.54	1	14.79
5/12/2017 21:45	171900	116.015	20364	264.434	4105.033	4503.82	2.431	3.063	243.603	1	14.795
5/12/2017 22:00	172800	116.037	20378	264.483	4106.789	4504.443	2.431	3.063	243.499	1	14.791
5/12/2017 22:15	173700	116.035	20385	264.48	4107.207	4504.219	2.431	3.063	243.474	1	14.795
5/12/2017 22:30	174600	116.045	20384	264.501	4105.651	4504.135	2.431	3.063	243.567	1	14.796
5/12/2017 22:45	175500	116.03	2038	264.469	4106.083	4503.513	2.43	3.062	243.541	1	14.794
5/12/2017 23:00	176400	116.028	20367	264.464	4105.003	4503.532	2.43	3.062	243.605	1	14.795
5/12/2017 23:15	177300	116.008	20362	264.417	4105.112	4504.139	2.431	3.063	243.599	1	14.794
5/12/2017 23:30	178200	115.986	20372	264.368	4105.751	4503.826	2.431	3.063	243.561	1	14.792
5/12/2017 23:45	179100	115.976	20373	264.346	4106.97	4505.146	2.431	3.063	243.488	1	14.79
5/13/2017 0:00	180000	115.949	20383	264.283	4107.52	4504.863	2.431	3.063	243.45	1	14.794
5/13/2017 0:15	180900	115.957	20382	264.301	4108.095	4505.521	2.432	3.064	243.422	1	14.792
5/13/2017 0:30	181800	115.951	20371	264.288	4106.638	4504.955	2.431	3.063	243.508	1	14.793
5/13/2017 0:45	182700	115.948	2037	264.281	4106.566	4504.992	2.431	3.063	243.512	1	14.796
5/13/2017 1:00	183600	115.957	20361	264.302	4106.061	4505.211	2.431	3.064	243.542	1	14.792
5/13/2017 1:15	184500	115.963	20362	264.316	4107.045	4506.243	2.432	3.064	243.484	1	14.789
5/13/2017 1:30	185400	115.961	20378	264.341	4108.542	4506.408	2.432	3.064	243.395	1	14.786
5/13/2017 1:45	186300	115.964	20386	264.318	4108.665	4505.759	2.432	3.064	243.388	1	14.789
5/13/2017 2:00	187200	115.959	20379	264.305	4108.478	4506.198	2.432	3.064	243.399	1	14.788
5/13/2017 2:15	188100	115.974	20381	264.341	4108.517	4506.05	2.432	3.064	243.397	1	14.787
5/13/2017 2:30	189000	115.972	20398	264.336	4109.253	4505.258	2.431	3.064	243.353	1	14.786
5/13/2017 2:45	189900	115.966	2039	264.322	4109.002	4505.783	2.432	3.064	243.368	1	14.783
5/13/2017 3:00	190800	115.98	20385	264.355	4108.135	4505.255	2.431	3.064	243.349	1	14.784
5/13/2017 3:15	191700	115.98	20381	264.355	4109.251	4506.87					

5/14/2017 10:30	304200	115.788	20385	263.917	4114.762	4512.538	2.436	3.069	243.027	1	14.709
5/14/2017 10:45	305100	115.809	20376	263.965	4113.73	4512.214	2.435	3.068	243.088	1	14.717
5/14/2017 11:00	306000	115.825	20379	264.001	4111.93	4509.968	2.434	3.067	243.195	1	14.723
5/14/2017 11:15	306900	115.843	20383	264.042	4114.407	4512.304	2.435	3.068	243.048	1	14.716
5/14/2017 11:30	307800	115.847	20379	264.052	4114.143	4512.46	2.436	3.068	243.064	1	14.714
5/14/2017 11:45	308700	115.833	20382	264.019	4114.029	4510.833	2.435	3.067	243.071	1	14.715
5/14/2017 12:00	309600	115.832	20 39	264.017	4113.303	4510.466	2.434	3.067	243.114	1	14.719
5/14/2017 12:15	310500	115.83	20379	264.011	4113.49	4511.745	2.435	3.068	243.103	1	14.721
5/14/2017 12:30	311400	115.81	20393	263.966	4114.966	4511.994	2.435	3.068	243.015	1	14.723
5/14/2017 12:45	312300	115.822	20 39	263.995	4112.921	4510.039	2.434	3.067	243.136	1	14.726
5/14/2017 13:00	313200	115.852	20388	264.062	4113.719	4511.113	2.435	3.068	243.089	1	14.725
5/14/2017 13:15	314100	115.891	20394	264.151	4115.065	4511.969	2.435	3.068	243.01	1	14.722
5/14/2017 13:30	315000	115.9	20395	264.153	4114.833	4511.64	2.435	3.068	243.023	1	14.722
5/14/2017 13:45	315900	115.892	20397	264.153	4113.453	4509.929	2.434	3.067	243.105	1	14.728
5/14/2017 14:00	316800	115.895	20405	264.16	4115.077	4510.966	2.435	3.067	243.009	1	14.724
5/14/2017 14:15	317700	115.885	20 4	264.138	4115.042	4511.44	2.435	3.068	243.011	1	14.723
5/14/2017 14:30	318600	115.886	20391	264.139	4113.099	4510.176	2.434	3.067	243.126	1	14.726
5/14/2017 14:45	319500	115.876	20398	264.117	4114.603	4511.149	2.435	3.068	243.037	1	14.721
5/14/2017 15:00	320400	115.888	20398	264.145	4114.745	4511.313	2.435	3.068	243.028	1	14.718
5/14/2017 15:15	321300	115.901	20386	264.174	4113.723	4511.29	2.435	3.068	243.089	1	14.713
5/14/2017 15:30	322200	115.925	20407	264.23	4116.097	4511.87	2.435	3.068	242.949	1	14.715
5/14/2017 15:45	323100	115.959	20399	264.306	4113.573	4509.871	2.434	3.067	243.098	1	14.716
5/14/2017 16:00	324000	115.981	20395	264.357	4114.849	4511.698	2.435	3.068	243.022	1	14.714
5/14/2017 16:15	324900	116.014	20409	264.433	4115.874	4511.494	2.435	3.068	242.962	1	14.71
5/14/2017 16:30	325800	116.041	20 39	264.501	4112.902	4510.01	2.434	3.067	243.137	1	14.711
5/14/2017 16:45	326700	116.085	20401	264.593	4115.49	4511.807	2.435	3.068	242.984	1	14.703
5/14/2017 17:00	327600	116.081	20394	264.585	4113.761	4510.597	2.434	3.067	243.087	1	14.707
5/14/2017 17:15	328500	116.089	20387	264.603	4114.083	4511.618	2.435	3.068	243.068	1	14.706
5/14/2017 17:30	329400	116.081	20396	264.585	4113.901	4510.553	2.434	3.067	243.078	1	14.705
5/14/2017 17:45	330300	116.071	20392	264.562	4115.526	4512.723	2.436	3.069	242.982	1	14.703
5/14/2017 18:00	331200	116.09	20377	264.605	4113.565	4511.992	2.435	3.068	243.098	1	14.698
5/14/2017 18:15	332100	116.108	20391	264.647	4114.782	4511.947	2.435	3.068	243.026	1	14.71
5/14/2017 18:30	333000	116.125	20394	264.685	4115.249	4512.22	2.435	3.068	242.999	1	14.707
5/14/2017 18:45	333900	116.16	20395	264.764	4113.332	4509.985	2.434	3.067	243.112	1	14.708
5/14/2017 19:00	334800	116.186	20386	264.824	4112.946	4510.445	2.434	3.067	243.135	1	14.702
5/14/2017 19:15	335700	116.211	20385	264.881	4114.12	4511.825	2.435	3.068	243.065	1	14.702
5/14/2017 19:30	336600	116.222	20397	264.906	4114.642	4511.286	2.435	3.068	243.025	1	14.705
5/14/2017 19:45	337500	116.254	20389	264.978	4115.09	4512.549	2.436	3.069	243.008	1	14.701
5/14/2017 20:00	338400	116.276	20388	265.029	4112.991	4510.289	2.434	3.067	243.132	1	14.701
5/14/2017 20:15	339300	116.306	20374	265.097	4112.923	4511.544	2.435	3.068	243.136	1	14.698
5/14/2017 20:30	340200	116.318	20365	265.125	4112.013	4511.413	2.435	3.068	243.19	1	14.704
5/14/2017 20:45	341100	116.349	20382	265.196	4113.801	4511.731	2.435	3.068	243.084	1	14.699
5/14/2017 21:00	342000	116.341	20378	265.183	4114.18	4512.534	2.436	3.069	243.062	1	14.701
5/14/2017 21:15	342900	116.365	20397	265.231	4115.987	4512.716	2.436	3.069	242.955	1	14.7
5/14/2017 21:30	343800	116.395	20405	265.3	4116.131	4512.18	2.435	3.068	242.947	1	14.694
5/14/2017 21:45	344700	116.414	20386	265.344	4113.859	4511.423	2.435	3.068	243.081	1	14.693
5/14/2017 22:00	345600	116.416	20382	265.349	4113.631	4511.561	2.435	3.068	243.094	1	14.704
5/14/2017 22:15	346500	116.418	20386	265.353	4113.553	4511.12	2.435	3.068	243.099	1	14.704
5/14/2017 22:30	347400	116.421	20404	265.36	4114.796	4510.626	2.435	3.067	243.031	1	14.701
5/14/2017 22:45	348300	116.405	20407	265.324	4115.373	4511.118	2.435	3.068	242.991	1	14.697
5/14/2017 23:00	349200	116.392	20401	265.294	4116.387	4512.791	2.436	3.069	242.932	1	14.7
5/14/2017 23:15	350100	116.388	20395	265.285	4114.619	4511.455	2.435	3.068	243.036	1	14.696
5/14/2017 23:30	351000	116.363	20392	265.227	4113.578	4510.562	2.434	3.067	243.097	1	14.699
5/14/2017 23:45	351900	116.358	20403	265.216	4115.655	4511.815	2.435	3.068	242.975	1	14.696
5/15/2017 0:00	352800	116.342	20401	265.178	4115.903	4512.26	2.435	3.068	242.96	1	14.698
5/15/2017 0:15	353700	116.334	20388	265.16	4113.294	4510.662	2.435	3.067	243.114	1	14.692
5/15/2017 0:30	354600	116.328	20 39	265.146	4114.607	4511.856	2.435	3.068	243.037	1	14.699
5/15/2017 0:45	355500	116.329	20385	265.149	4114.11	4511.782	2.435	3.068	243.066	1	14.697
5/15/2017 1:00	356400	116.335	20393	265.163	4114.553	4511.549	2.435	3.068	243.04	1	14.696
5/15/2017 1:15	357300	116.353	20402	265.205	4115.426	4511.688	2.435	3.068	242.988	1	14.695
5/15/2017 1:30	358200	116.381	20399	265.267	4115.805	4512.099	2.435	3.068	242.978	1	14.695
5/15/2017 1:45	359100	116.412	20387	265.329	4115.162	4512.239	2.436	3.069	243.004	1	14.694
5/15/2017 2:00	360000	116.442	20392	265.408	4115.094	4512.215	2.435	3.068	243.008	1	14.69
5/15/2017 2:15	360900	116.466	20391	265.462	4120.201	4517.931	2.439	3.072	242.707	1	14.69
5/15/2017 2:30	361800	116.489	20394	265.514	4114.609	4511.552	2.435	3.068	243.036	1	14.691
5/15/2017 2:45	362700	116.516	20394	265.577	4114.305	4511.144	2.435	3.068	243.054	1	14.686
5/15/2017 3:00	363600	116.53	20402	265.608	4115.713	4511.995	2.435	3.068	242.971	1	14.692
5/15/2017 3:15	364500	116.56	20387	265.676	4114.284	4511.798	2.435	3.068	243.056	1	14.688
5/15/2017 3:30	365400	116.59	20399	265.745	4115.614	4512.159	2.435	3.068	242.977	1	14.69
5/15/2017 3:45	366300	116.603	20402	265.774	4115.725	4511.957	2.435	3.068	242.971	1	14.688
5/15/2017 4:00	367200	116.616	20391	265.804	4115.016	4512.245	2.435	3.068	243.012	1	14.684
5/15/2017 4:15	368100	116.638	20388	265.853	4116.091	4513.714	2.436	3.069	242.949	1	14.689
5/15/2017 4:30	369000	116.664	20391	265.912	4115.397	4512.68	2.436	3.069	242.99	1	14.68
5/15/2017 4:45	369900	116.675	20399	265.938	4115.777	4512.338	2.436	3.068	242.967	1	14.685
5/15/2017 5:00	370800	116.692	20406	265.977	4115.385	4511.189	2.435	3.068	242.991	1	14.682
5/15/2017 5:15	371700	116.714	20384	266.028	4115.277	4513.216	2.436	3.069	242.997	1	14.686
5/15/2017 5:30	372600	116.715	20386	266.029	4114.755	4512.422	2.436	3.068	243.028	1	14.682
5/15/2017 5:45	373500	116.734	20399	266.072	4114.99	4511.458	2.435	3.068	243.014	1	14.682
5/15/2017 6:00	374400	116.736	20 39	266.078	4114.398	4511.627	2.435	3.068	243.049	1	14.682
5/15/2017 6:15	375300	116.739	20379	266.029	4115.154	4513.553	2.436	3.069	243.004	1	14.69
5/15/2017 6:30	376200	116.685	20384	265.962	4116.016	4514.036	2.436	3.07	242.953	1	14.686
5/15/2017 6:45	377100	116.631	20398	265.838	4114.871	4511.393	2.435	3.068	243.021	1	14.69
5/15/2017 7:00	378000	116.585	20398	265.734	4115.577	4512.217	2.435	3.068	242.979	1	14.694
5/15/2017 7:15	378900	116.545	20391	265.643	4115.646	4512.911	2.436	3.069	242.975	1	14.687
5/15/2017 7:30	379800	116.485	20407	265.506	4117.178	4513.113	2.436	3.069	242.885	1	14.692
5/15/2017 7:45	380700	116.425	20401	265.358	4116.352	4512.594	2.436	3.069	242.934	1	14.69
5/15/2017 8:00	381600	116.383	20389	265.2							

5/16/2017 15:15	494100	115.694	20398	263.565	4119.13	4516.087	2.438	3.071	242.77	1	14.781
5/16/2017 15:30	495000	115.647	20381	263.596	4118.538	4517.091	2.438	3.072	242.805	1	14.782
5/16/2017 15:45	495900	115.646	20387	263.593	4119.729	4517.827	2.439	3.072	242.734	1	14.786
5/16/2017 16:00	496800	115.647	20384	263.595	4119.355	4517.666	2.439	3.072	242.756	1	14.777
5/16/2017 16:15	497700	115.672	20374	263.652	4118.552	4517.734	2.439	3.072	242.804	1	14.78
5/16/2017 16:30	498600	115.676	20389	263.662	4119.165	4516.984	2.438	3.072	242.768	1	14.775
5/16/2017 16:45	499500	115.677	20374	263.664	4117.153	4516.225	2.438	3.071	242.886	1	14.776
5/16/2017 17:00	500400	115.695	20397	263.703	4121.016	4518.204	2.439	3.072	242.659	1	14.774
5/16/2017 17:15	501300	115.681	20384	263.673	4118.404	4516.623	2.438	3.071	242.812	1	14.778
5/16/2017 17:30	502200	115.698	20386	263.711	4119.746	4517.929	2.439	3.072	242.733	1	14.774
5/16/2017 17:45	503100	115.691	20397	263.695	4121.069	4518.288	2.439	3.072	242.656	1	14.78
5/16/2017 18:00	504000	115.694	20395	263.702	4120.688	4518.06	2.439	3.072	242.678	1	14.782
5/16/2017 18:15	504900	115.694	20402	263.703	4121.471	4518.314	2.439	3.072	242.632	1	14.776
5/16/2017 18:30	505800	115.707	20391	263.733	4119.832	4517.485	2.438	3.072	242.728	1	14.779
5/16/2017 18:45	506700	115.733	20383	263.792	4120.341	4518.796	2.439	3.073	242.698	1	14.77
5/16/2017 19:00	507600	115.736	20384	263.797	4119.663	4517.977	2.439	3.072	242.738	1	14.774
5/16/2017 19:15	508500	115.741	20392	263.809	4119.484	4517.038	2.438	3.072	242.749	1	14.777
5/16/2017 19:30	509400	115.769	20389	263.873	4119.493	4517.37	2.438	3.072	242.748	1	14.772
5/16/2017 19:45	510300	115.779	20396	263.896	4119.236	4516.621	2.438	3.071	242.763	1	14.773
5/16/2017 20:00	511200	115.777	20379	263.891	4118.409	4517.124	2.438	3.072	242.812	1	14.776
5/16/2017 20:15	512100	115.798	20397	263.94	4119.553	4516.642	2.438	3.071	242.745	1	14.775
5/16/2017 20:30	513000	115.794	20387	263.931	4120.775	4518.934	2.439	3.073	242.673	1	14.771
5/16/2017 20:45	513900	115.81	20385	263.966	4120.274	4518.557	2.439	3.073	242.702	1	14.775
5/16/2017 21:00	514800	115.82	20385	263.99	4119.819	4518.075	2.439	3.072	242.729	1	14.777
5/16/2017 21:15	515700	115.829	20393	264.021	4119.85	4517.388	2.438	3.072	242.727	1	14.777
5/16/2017 21:30	516600	115.836	20385	264.025	4120.177	4518.426	2.439	3.073	242.708	1	14.772
5/16/2017 21:45	517500	115.839	20393	264.034	4120.72	4518.327	2.439	3.072	242.676	1	14.779
5/16/2017 22:00	518400	115.854	20401	264.066	4120.913	4517.803	2.439	3.072	242.665	1	14.782
5/16/2017 22:15	519300	115.857	20386	264.075	4119.918	4518.126	2.439	3.072	242.723	1	14.779
5/16/2017 22:30	520200	115.854	20374	264.068	4119.415	4518.623	2.439	3.073	242.753	1	14.785
5/16/2017 22:45	521100	115.842	20372	264.04	4117.399	4516.62	2.438	3.071	242.872	1	14.786
5/16/2017 23:00	522000	115.822	20385	263.994	4119.689	4517.957	2.439	3.072	242.737	1	14.784
5/16/2017 23:15	522900	115.805	20392	263.956	4118.811	4516.274	2.438	3.071	242.789	1	14.781
5/16/2017 23:30	523800	115.776	20404	263.89	4121.328	4517.895	2.439	3.072	242.64	1	14.779
5/16/2017 23:45	524700	115.751	20404	263.832	4120.627	4517.117	2.438	3.072	242.682	1	14.786
5/17/2017 0:00	525600	115.748	20395	263.824	4118.825	4516.049	2.438	3.071	242.788	1	14.78
5/17/2017 0:15	526500	115.738	20375	263.802	4118.413	4517.466	2.438	3.072	242.812	1	14.779
5/17/2017 0:30	527400	115.712	20395	263.744	4120.055	4517.341	2.438	3.072	242.715	1	14.779
5/17/2017 0:45	528300	115.697	20389	263.708	4118.757	4516.547	2.438	3.071	242.792	1	14.782
5/17/2017 1:00	529200	115.701	20388	263.718	4119.886	4517.842	2.439	3.072	242.725	1	14.773
5/17/2017 1:15	530100	115.701	20391	263.719	4120.306	4518.021	2.439	3.072	242.7	1	14.771
5/17/2017 1:30	531000	115.697	20387	263.709	4119.974	4518.021	2.439	3.072	242.72	1	14.771
5/17/2017 1:45	531900	115.685	20382	263.685	4119.717	4518.285	2.439	3.072	242.763	1	14.768
5/17/2017 2:00	532800	115.675	20387	263.659	4119.201	4517.223	2.438	3.072	242.765	1	14.767
5/17/2017 2:15	533700	115.677	20392	263.665	4120.665	4518.341	2.439	3.072	242.679	1	14.76
5/17/2017 2:30	534600	115.678	20389	263.666	4120.409	4518.333	2.439	3.072	242.694	1	14.764
5/17/2017 2:45	535500	115.656	20391	263.615	4120.01	4517.713	2.439	3.072	242.718	1	14.768
5/17/2017 3:00	536400	115.679	20377	263.669	4119.739	4518.739	2.439	3.073	242.734	1	14.757
5/17/2017 3:15	537300	115.674	20388	263.657	4120.545	4518.557	2.439	3.073	242.686	1	14.752
5/17/2017 3:30	538200	115.69	20386	263.694	4119.259	4517.377	2.438	3.072	242.762	1	14.759
5/17/2017 3:45	539100	115.688	20382	263.688	4118.657	4517.081	2.438	3.072	242.798	1	14.756
5/17/2017 4:00	540000	115.691	2038	263.695	4118.651	4517.249	2.438	3.072	242.798	1	14.752
5/17/2017 4:15	540900	115.685	20393	263.682	4121.012	4518.58	2.439	3.073	242.659	1	14.756
5/17/2017 4:30	541800	115.687	20386	263.687	4120.065	4518.279	2.439	3.072	242.715	1	14.755
5/17/2017 4:45	542700	115.685	20385	263.682	4120.397	4518.684	2.439	3.073	242.695	1	14.756
5/17/2017 5:00	543600	115.698	20386	263.712	4120.948	4517.923	2.439	3.072	242.663	1	14.753
5/17/2017 5:15	544500	115.729	2039	263.782	4120.09	4517.885	2.439	3.072	242.713	1	14.751
5/17/2017 5:30	545400	115.76	20385	263.854	4119.847	4518.055	2.439	3.072	242.727	1	14.753
5/17/2017 5:45	546300	115.772	20369	263.88	4118.5	4518.149	2.439	3.072	242.807	1	14.754
5/17/2017 6:00	547200	115.772	20399	263.88	4120.891	4517.92	2.439	3.072	242.666	1	14.759
5/17/2017 6:15	548100	115.785	20388	263.91	4120.77	4518.787	2.439	3.073	242.673	1	14.751
5/17/2017 6:30	549000	115.746	20387	263.821	4119.363	4517.417	2.438	3.072	242.756	1	14.755
5/17/2017 6:45	549900	115.701	20394	263.717	4121.011	4518.53	2.439	3.073	242.659	1	14.757
5/17/2017 7:00	550800	115.658	20396	263.62	4120.313	4517.55	2.438	3.072	242.7	1	14.755
5/17/2017 7:15	551700	115.626	20386	263.547	4119.458	4517.604	2.438	3.072	242.75	1	14.756
5/17/2017 7:30	552600	115.582	20391	263.447	4121.044	4518.822	2.439	3.073	242.657	1	14.763
5/17/2017 7:45	553500	115.546	20388	263.365	4120.626	4518.67	2.439	3.073	242.682	1	14.764
5/17/2017 8:00	554400	115.554	20398	263.382	4122.292	4519.582	2.44	3.073	242.584	1	14.784
5/17/2017 8:15	555300	115.538	20384	263.348	4120.053	4518.455	2.439	3.073	242.715	1	14.764
5/17/2017 8:30	556200	115.531	20392	263.33	4121.06	4518.815	2.439	3.073	242.656	1	14.767
5/17/2017 8:45	557100	115.527	20392	263.322	4121.51	4519.292	2.439	3.073	242.63	1	14.762
5/17/2017 9:00	558000	115.51	20402	263.282	4120.824	4517.582	2.439	3.072	242.67	1	14.757
5/17/2017 9:15	558900	115.478	20395	263.211	4120.532	4517.929	2.439	3.072	242.687	1	14.763
5/17/2017 9:30	559800	115.482	20391	263.22	4121.183	4519.024	2.439	3.073	242.649	1	14.769
5/17/2017 9:45	560700	115.448	20397	263.142	4120.963	4518.188	2.439	3.072	242.662	1	14.762
5/17/2017 10:00	561600	115.433	20392	263.108	4120.422	4518.107	2.439	3.072	242.694	1	14.77
5/17/2017 10:15	562500	115.416	20385	263.068	4121.295	4519.661	2.44	3.073	242.642	1	14.771
5/17/2017 10:30	563400	115.411	20394	263.057	4121.782	4519.384	2.44	3.073	242.613	1	14.762
5/17/2017 10:45	564300	115.417	20391	263.071	4121.206	4518.991	2.439	3.073	242.647	1	14.77
5/17/2017 11:00	565200	115.417	20384	263.071	4121.821	4520.478	2.44	3.074	242.611	1	14.766
5/17/2017 11:15	566100	115.423	20403	263.086	4122.127	4518.895	2.439	3.073	242.593	1	14.771
5/17/2017 11:30	567000	115.438	20382	263.119	4121.212	4519.875	2.44	3.074	242.647	1	14.77
5/17/2017 11:45	567900	115.44	20401	263.123	4122.323	4519.34	2.44	3.073	242.582	1	14.768
5/17/2017 12:00	568800	115.442	20391	263.128	4120.434	4518.203	2.439	3.072	242.693	1	14.767
5/17/2017 12:15	569700	115.458	20392	263.165	4121.229	4519	2.439	3.073	242.646	1	14.768
5/17/2017 12:30	570600	115.445	2039	263.135	4122.474	4520.54	2.44	3.074	242.573	1	14.778
5/17/2017 12:45	571500	115.437	20391	263.117	4122.606						

Report Date: 5/19/2017 8:54
Report User Name: AVanHaitsma
Report Computer Name: WKST34
Application: WinSitu.exe
Application Version: 5.6.25.0

Log File Properties

File Name	MPWSP MW-6M LT Test_2017-05-18_14-36-39-991-BaroMerge.wsl
Create Date	5/19/2017 8:52

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

Log Configuration	Log Name	MPWSP-MW-6M LT Test
	Created By	CShaw
	Computer Name	PH0800K3
	Application	WinSitu.exe
	Application Version	5.6.25.0
	Create Date	2/17/2016 5:06:04 PM Pacific Standard Time
	Log Setup Time Zone	Pacific Standard Time
	Notes Size(Bytes)	4096
	Overwrite when full	Disabled
	Scheduled Start Time	2/17/2016 5:30:00 PM Pacific Standard Time
	Scheduled Stop Time	No Stop Time
	Type	Linear
	Interval	Days: 0 hrs: 00 mins: 15 secs: 00

Level Reference Settings At Log Creation			
	Level Measurement Mode	Depth	
	Specific Gravity		0.999
Other Log Settings			
	Depth of Probe:	33.5174 (ft)	
	Head Pressure:	14.5162 (PSI)	
	Temperature:	19.5412 (C)	
	Specific Conductivity Model:	Standard Methods	
		Reference Temperature:	25
		Temperature Coefficient:	0.0191
	TDS Factor:	0.68	

Date	Note
2/17/2016 17:06 US Download - Used Battery: 0% Used Memory: 1%	User Name: Cshaw Interval - Start Time: 2/17/2016 5:30:00 PM Stop Time: 2/17/2016 5:45:00 PM
2/17/2016 17:50 US Download - Used Battery: 1% Used Memory: 1%	User Name: Cshaw Interval - Start Time: 2/17/2016 5:30:00 PM Stop Time: 2/17/2016 5:45:00 PM
2/17/2016 17:53 US Download - Used Battery: 0% Used Memory: 1%	User Name: Cshaw Interval - Start Time: 2/17/2016 5:30:00 PM Stop Time: 2/17/2016 5:45:00 PM
2/18/2016 10:20 US Download - Used Battery: 0% Used Memory: 1%	User Name: Cshaw Interval - Start Time: 2/17/2016 5:30:00 PM Stop Time: 2/18/2016 11:00:00 AM
2/25/2016 9:31 US Download - Used Battery: 1% Used Memory: 1%	User Name: KMaKar Interval - Start Time: 1/31/2016 10:30:00 PM Stop Time: 3/3/2016 11:30:00 AM
3/3/2016 11:05 US Download - Used Battery: 1% Used Memory: 3%	User Name: KMaKar Interval - Start Time: 3/3/2016 12:00:00 PM Stop Time: 3/10/2016 2:15:00 PM
3/17/2016 15:14 US Download - Used Battery: 2% Used Memory: 4%	User Name: Skuper Interval - Start Time: 3/8/2016 12:00:00 PM Stop Time: 3/17/2016 4:00:00 PM
4/24/2016 8:15 US Download - Used Battery: 4% Used Memory: 4%	User Name: Skuper Interval - Start Time: 3/22/2016 12:00:00 PM Stop Time: 4/24/2016 3:00:00 PM
3/31/2016 14:13 US Download - Used Battery: 2% Used Memory: 6%	User Name: Skuper Interval - Start Time: 3/22/2016 12:00:00 PM Stop Time: 3/31/2016 3:00:00 PM
4/7/2016 8:45 US Download - Used Battery: 3% Used Memory: 6%	User Name: KMaKar Interval - Start Time: 2/29/2016 5:00:00 PM Stop Time: 4/7/2016 1:30:00 PM
4/14/2016 8:24 US Download - Used Battery: 3% Used Memory: 7%	User Name: Skuper Interval - Start Time: 4/15/2016 12:00:00 PM Stop Time: 4/14/2016 9:00:00 AM
4/21/2016 8:7 US Download - Used Battery: 4% Used Memory: 7%	User Name: Elinden Interval - Start Time: 4/12/2016 1:30:00 PM Stop Time: 4/21/2016 8:30:00 AM
4/28/2016 9:52 US Download - Used Battery: 4% Used Memory: 7%	User Name: Skuper Interval - Start Time: 4/15/2016 12:00:00 PM Stop Time: 4/28/2016 3:00:00 PM
5/12/2016 7:43 US Download - Used Battery: 4% Used Memory: 9%	User Name: Skuper Interval - Start Time: 3/3/2016 12:00:00 PM Stop Time: 5/5/2016 8:05:00 AM
5/12/2016 8:17 US Download - Used Battery: 5% Used Memory: 10%	User Name: Skuper Interval - Start Time: 5/3/2016 12:00:00 PM Stop Time: 5/12/2016 2:30:00 PM
5/12/2016 8:20 US Download - Used Battery: 5% Used Memory: 10%	User Name: Skuper Interval - Start Time: 5/3/2016 12:00:00 PM Stop Time: 5/12/2016 8:15:00 AM
5/19/2016 11:18 US Download - Used Battery: 5% Used Memory: 12%	User Name: Elinden Interval - Start Time: 5/10/2016 12:00:00 PM Stop Time: 5/19/2016 1:00:00 PM
5/19/2016 11:22 US Download - Used Battery: 5% Used Memory: 12%	User Name: Elinden Interval - Start Time: 5/10/2016 12:00:00 PM Stop Time: 5/19/2016 11:45:00 AM
5/26/2016 8:04 US Download - Used Battery: 5% Used Memory: 12%	User Name: Skuper Interval - Start Time: 5/17/2016 6:00:00 PM Stop Time: 5/26/2016 4:45:00 PM
6/2/2016 9:56 US Download - Used Battery: 6% Used Memory: 14%	User Name: Skuper Interval - Start Time: 4/30/2016 10:00:00 PM Stop Time: 6/2/2016 4:15:00 PM
6/9/2016 8:06 US Download - Used Battery: 6% Used Memory: 14%	User Name: Cshaw Interval - Start Time: 5/31/2016 5:00:00 AM Stop Time: 6/9/2016 5:30:00 PM
6/16/2016 9:25 US Download - Used Battery: 6% Used Memory: 15%	User Name: Skuper Interval - Start Time: 6/7/2016 11:30:00 PM Stop Time: 6/16/2016 10:15:00 AM
6/16/2016 9:30 US Download - Used Battery: 6% Used Memory: 15%	User Name: Skuper Interval - Start Time: 6/7/2016 11:30:00 PM Stop Time: 6/16/2016 9:15:00 AM
6/16/2016 9:32 US Download - Used Battery: 6% Used Memory: 15%	User Name: Skuper Interval - Start Time: 6/7/2016 10:30:00 PM Stop Time: 6/16/2016 10:15:00 AM
6/23/2016 8:39 US Download - Used Battery: 7% Used Memory: 17%	User Name: Skuper Interval - Start Time: 6/8/2016 10:30:00 PM Stop Time: 6/23/2016 10:45:00 AM
7/1/2016 10:10 US Download - Used Battery: 7% Used Memory: 17%	User Name: Skuper Interval - Start Time: 5/31/2016 10:00:00 PM Stop Time: 7/1/2016 10:15:00 AM
7/8/2016 10:40 US Download - Used Battery: 8% Used Memory: 17%	User Name: Skuper Interval - Start Time: 6/29/2016 10:00:00 PM Stop Time: 7/8/2016 11:00:00 AM
7/14/2016 16:49 US Download - Used Battery: 8% Used Memory: 18%	User Name: Elinden Interval - Start Time: 7/5/2016 12:00:00 PM Stop Time: 7/14/2016 5:45:00 AM
7/23/2016 16:10 US Download - Used Battery: 8% Used Memory: 18%	User Name: Skuper Interval - Start Time: 7/13/2016 10:00:00 PM Stop Time: 7/23/2016 4:45:00 PM
7/28/2016 16:57 US Download - Used Battery: 9% Used Memory: 20%	User Name: Skuper Interval - Start Time: 7/20/2016 10:00:00 PM Stop Time: 7/28/2016 5:30:00 PM
8/1/2016 14:05 US Download - Used Battery: 9% Used Memory: 20%	User Name: Skuper Interval - Start Time: 6/30/2016 15:00:00 PM Stop Time: 8/1/2016 2:00:00 PM
8/1/2016 15:44 US Download - Used Battery: 9% Used Memory: 23%	User Name: Skuper Interval - Start Time: 7/29/2016 10:30:00 PM Stop Time: 8/1/2016 2:00:00 PM
8/18/2016 14:05 US Download - Used Battery: 10% Used Memory: 21%	User Name: Skuper Interval - Start Time: 8/10/2016 10:00:00 PM Stop Time: 8/18/2016 3:50:00 PM
8/25/2016 11:10 US Download - Used Battery: 10% Used Memory: 23%	User Name: Elinden Interval - Start Time: 8/17/2016 10:00:00 PM Stop Time: 8/25/2016 12:15:00 PM
9/1/2016 8:18 US Download - Used Battery: 10% Used Memory: 23%	User Name: Skuper Interval - Start Time: 7/31/2016 10:00:00 PM Stop Time: 9/1/2016 6:15:00 PM
9/8/2016 16:12 US Download - Used Battery: 11% Used Memory: 25%	User Name: Skuper Interval - Start Time: 8/31/2016 10:00:00 PM Stop Time: 9/8/2016 4:45:00 PM
9/15/2016 12:00 US Download - Used Battery: 11% Used Memory: 25%	User Name: Anoris Interval - Start Time: 9/7/2016 10:00:00 PM Stop Time: 9/15/2016 12:45:00 PM
9/22/2016 10:14 US Download - Used Battery: 12% Used Memory: 28%	User Name: Anoris Interval - Start Time: 9/14/2016 10:00:00 PM Stop Time: 9/22/2016 10:00:00 PM
10/1/2016 8:44 US Download - Used Battery: 12% Used Memory: 28%	User Name: Anoris Interval - Start Time: 9/21/2016 10:00:00 PM Stop Time: 10/1/2016 9:45:00 AM
10/7/2016 15:34 US Download - Used Battery: 12% Used Memory: 28%	User Name: Skuper Interval - Start Time: 9/28/2016 10:00:00 PM Stop Time: 10/7/2016 3:45:00 PM
10/13/2016 15:11 US Download - Used Battery: 13% Used Memory: 29%	User Name: Skuper Interval - Start Time: 10/5/2016 10:00:00 PM Stop Time: 10/13/2016 3:15:00 PM
10/20/2016 14:24 US Download - Used Battery: 13% Used Memory: 29%	User Name: Skuper Interval - Start Time: 10/12/2016 10:00:00 PM Stop Time: 10/20/2016 3:50:00 PM
10/27/2016 14:36 US	

Log Data:		
Record Count	739	
Sensors	2	
	1	440621 PCTD 100 PSIA (60.1m/197.3ft)
	2	0 Baro-Adjustment Calc

Date and Time	Elapsed Time Seconds	Sensor: PCTD(A) 197.3ft	Sensor: PCTD(A) 197.3ft	Sensor: PCTD(A) 197.3ft	Sensor: PCTD(A)
		SNR: 440621	SNR: 440621	SNR: 440621	SNR: 440621
		Corrected Pressure (PSI)	Temperature (C)	Corrected Depth (ft)	Actual Conductivity
5/11/2017 0:00		7200	58.189	16.847	134.356
5/11/2017 0:15		8100	58.193	16.847	134.365
5/11/2017 0:30		9000	58.185	16.848	134.346
5/11/2017 0:45		9900	58.182	16.847	134.339
5/11/2017 1:00		10800	58.199	16.846	134.379
5/11/2017 1:15		11700	58.177	16.847	134.33
5/11/2017 1:30		12600	58.175	16.848	134.325
5/11/2017 1:45		13500	58.179	16.848	134.334
5/11/2017 2:00		14400	58.171	16.847	134.316
5/11/2017 2:15		15300	58.174	16.848	134.322
5/11/2017 2:30		16200	58.173	16.848	134.32
5/11/2017 2:45		17100	58.169	16.848	134.31
5/11/2017 3:00		18000	58.175	16.848	134.325
5/11/2017 3:15		18900	58.182	16.847	134.341
5/11/2017 3:30		19800	58.191	16.848	134.361
5/11/2017 3:45		20700	58.197	16.849	134.376
5/11/2017 4:00		21600	58.202	16.848	134.387
5/11/2017 4:15		22500	58.214	16.848	134.415
5/11/2017 4:30		23400	58.216	16.85	134.42
5/11/2017 4:45		24300	58.227	16.847	134.445
5/11/2017 5:00		25200	58.232	16.848	134.457
5/11/2017 5:15		26100	58.248	16.848	134.493
5/11/2017 5:30		27000	58.249	16.847	134.495
5/11/2017 5:45		27900	58.267	16.847	134.536
5/11/2017 6:00		28800	58.265	16.851	134.532
5/11/2017 6:15		29700	58.273	16.849	134.55
5/11/2017 6:30		30600	58.275	16.849	134.555
5/11/2017 6:45		31500	58.273	16.847	134.552
5/11/2017 7:00		32400	58.274	16.848	134.552
5/11/2017 7:15		33300	58.272	16.849	134.548
5/11/2017 7:30		34200	58.271	16.849	134.546
5/11/2017 7:45		35100	58.263	16.849	134.528
5/11/2017 8:00		36000	58.247	16.846	134.49
5/11/2017 8:15		36900	58.233	16.848	134.458
5/11/2017 8:30		37800	58.228	16.848	134.447
5/11/2017 8:45		38700	58.213	16.848	134.412
5/11/2017 9:00		39600	58.206	16.849	134.396
5/11/2017 9:15		40500	58.192	16.847	134.363
5/11/2017 9:30		41400	58.175	16.847	134.324
5/11/2017 9:45		42300	58.162	16.847	134.295
5/11/2017 10:00		43200	58.148	16.847	134.261
5/11/2017 10:15		44100	58.133	16.847	134.227
5/11/2017 10:30		45000	58.118	16.85	134.192
5/11/2017 10:45		45900	58.107	16.85	134.168
5/11/2017 11:00		46800	58.098	16.848	134.146
5/11/2017 11:15		47700	58.08	16.852	134.104
5/11/2017 11:30		48600	58.077	16.847	134.099
5/11/2017 11:45		49500	58.07	16.848	134.081
5/11/2017 12:00		50400	58.078	16.848	134.1
5/11/2017 12:15		51300	58.084	16.849	134.114
5/11/2017 12:30		52200	58.08	16.849	134.104
5/11/2017 12:45		53100	58.085	16.85	134.117
5/11/2017 13:00		54000	58.093	16.85	134.134
5/11/2017 13:15		54900	58.096	16.	

5/11/2017 17:30	70200	58.098	16.853	134.147	1142.877	1353.485	0.683	0.92	874.985	0.999	14.803
5/11/2017 17:45	71100	58.1	16.852	134.15	1147.391	1358.872	0.686	0.924	871.542	0.999	14.802
5/11/2017 18:00	72000	58.092	16.851	134.133	1146.629	1357.985	0.686	0.923	872.122	0.999	14.809
5/11/2017 18:15	72900	58.108	16.853	134.169	1145.479	1356.558	0.685	0.922	872.997	0.999	14.797
5/11/2017 18:30	73800	58.109	16.849	134.171	1148.464	1360.22	0.687	0.925	870.729	0.999	14.801
5/11/2017 18:45	74700	58.105	16.851	134.162	1151.519	1363.784	0.689	0.927	868.418	0.999	14.802
5/11/2017 19:00	75600	58.117	16.851	134.189	1148.676	1360.40	0.687	0.925	870.568	0.999	14.805
5/11/2017 19:15	76500	58.129	16.851	134.217	1147.453	1358.964	0.686	0.924	871.495	0.999	14.797
5/11/2017 19:30	77400	58.11	16.852	134.175	1144.323	1355.245	0.684	0.922	873.879	0.999	14.801
5/11/2017 19:45	78300	58.115	16.852	134.185	1148.318	1359.975	0.687	0.925	870.839	0.999	14.798
5/11/2017 20:00	79200	58.112	16.851	134.18	1150.157	1362.174	0.688	0.926	869.447	0.999	14.799
5/11/2017 20:15	80100	58.108	16.851	134.169	1148.907	1360.091	0.687	0.925	870.392	0.999	14.803
5/11/2017 20:30	81000	58.11	16.85	134.174	1149.895	1361.885	0.688	0.926	869.645	0.999	14.804
5/11/2017 20:45	81900	58.113	16.852	134.181	1148.245	1359.893	0.687	0.925	870.895	0.999	14.801
5/11/2017 21:00	82800	58.108	16.85	134.169	1148.717	1360.502	0.687	0.925	870.536	0.999	14.801
5/11/2017 21:15	83700	58.109	16.851	134.172	1147.227	1358.707	0.686	0.924	871.667	0.999	14.805
5/11/2017 21:30	84600	58.109	16.85	134.172	1150.12	1362.169	0.688	0.926	869.474	0.999	14.802
5/11/2017 21:45	85500	58.104	16.851	134.16	1147.005	1358.431	0.686	0.924	871.835	0.999	14.806
5/11/2017 22:00	86400	58.109	16.85	134.173	1149.51	1361.432	0.687	0.926	869.936	0.999	14.803
5/11/2017 22:15	87300	58.111	16.852	134.176	1148.131	1359.737	0.686	0.925	870.98	0.999	14.804
5/11/2017 22:30	88200	58.107	16.851	134.166	1149.616	1361.52	0.687	0.926	869.856	0.999	14.801
5/11/2017 22:45	89100	58.115	16.85	134.186	1150.643	1362.777	0.688	0.927	869.079	0.999	14.795
5/11/2017 23:00	90000	58.108	16.853	134.17	1148.373	1359.993	0.687	0.925	870.797	0.999	14.802
5/11/2017 23:15	90900	58.102	16.851	134.157	1147.759	1359.342	0.686	0.924	871.263	0.999	14.808
5/11/2017 23:30	91800	58.105	16.853	134.163	1149.758	1361.642	0.687	0.926	869.748	0.999	14.8
5/11/2017 23:45	92700	58.101	16.849	134.154	1149.634	1361.605	0.687	0.926	869.842	0.999	14.805
5/12/2017 0:00	93600	58.102	16.853	134.155	1150.534	1362.572	0.688	0.927	869.162	0.999	14.8
5/12/2017 0:15	94500	58.099	16.851	134.149	1148.841	1360.613	0.687	0.925	870.442	0.999	14.804
5/12/2017 0:30	95400	58.099	16.851	134.148	1148.507	1360.212	0.687	0.925	870.695	0.999	14.802
5/12/2017 0:45	96300	58.096	16.851	134.142	1151.927	1364.279	0.689	0.928	868.11	0.999	14.801
5/12/2017 1:00	97200	58.1	16.853	134.151	1146.652	1357.969	0.686	0.923	872.104	0.999	14.797
5/12/2017 1:15	98100	58.094	16.85	134.137	1150.408	1362.515	0.688	0.927	869.257	0.999	14.806
5/12/2017 1:30	99000	58.091	16.85	134.131	1149.875	1361.856	0.688	0.926	869.66	0.999	14.802
5/12/2017 1:45	99900	58.079	16.851	134.103	1150.76	1362.886	0.688	0.927	868.991	0.999	14.813
5/12/2017 2:00	100800	58.098	16.852	134.146	1146.651	1357.998	0.686	0.923	872.105	0.999	14.798
5/12/2017 2:15	101700	58.1	16.851	134.152	1149.089	1360.906	0.687	0.925	870.255	0.999	14.802
5/12/2017 2:30	102600	58.1	16.852	134.151	1149.673	1361.575	0.687	0.926	869.813	0.999	14.803
5/12/2017 2:45	103500	58.107	16.852	134.167	1149.057	1360.837	0.687	0.925	870.279	0.999	14.802
5/12/2017 3:00	104400	58.11	16.85	134.174	1151.472	1363.766	0.689	0.927	868.454	0.999	14.807
5/12/2017 3:15	105300	58.107	16.852	134.166	1151.507	1363.73	0.689	0.927	868.427	0.999	14.81
5/12/2017 3:30	106200	58.127	16.85	134.215	1150.494	1362.592	0.688	0.927	869.192	0.999	14.797
5/12/2017 3:45	107100	58.146	16.852	134.257	1146.908	1358.286	0.686	0.924	871.909	0.999	14.801
5/12/2017 4:00	108000	58.132	16.85	134.225	1150.881	1360.881	0.688	0.927	868.9	0.999	14.806
5/12/2017 4:15	108900	58.144	16.852	134.253	1148.885	1360.651	0.687	0.925	870.409	0.999	14.802
5/12/2017 4:30	109800	58.14	16.853	134.245	1150.846	1362.922	0.688	0.927	868.926	0.999	14.811
5/12/2017 4:45	110700	58.148	16.85	134.261	1151.13	1363.361	0.688	0.927	868.712	0.999	14.809
5/12/2017 5:00	111600	58.16	16.853	134.289	1150.259	1362.244	0.688	0.926	869.369	0.999	14.806
5/12/2017 5:15	112500	58.168	16.85	134.307	1152.929	1365.474	0.689	0.929	867.356	0.999	14.81
5/12/2017 5:30	113400	58.17	16.854	134.301	1148.753	1360.469	0.687	0.925	870.587	0.999	14.812
5/12/2017 5:45	114300	58.182	16.852	134.34	1147.955	1359.531	0.686	0.924	871.114	0.999	14.811
5/12/2017 6:00	115200	58.194	16.854	134.367	1148.979	1360.701	0.687	0.925	870.338	0.999	14.81
5/12/2017 6:15	116100	58.197	16.85	134.374	1151.445	1363.719	0.689	0.927	868.474	0.999	14.817
5/12/2017 6:30	117000	58.211	16.852	134.407	1148.909	1360.667	0.687	0.925	870.391	0.999	14.814
5/12/2017 6:45	117900	58.212	16.853	134.41	1151.285	1363.461	0.688	0.927	868.595	0.999	14.817
5/12/2017 7:00	118800	58.222	16.853	134.433	1151.132	1363.275	0.688	0.927	868.71	0.999	14.817
5/12/2017 7:15	119700	58.222	16.85	134.434	1150.693	1362.839	0.688	0.927	869.041	0.999	14.815
5/12/2017 7:30	120600	58.217	16.853	134.421	1145.572	1356.691	0.685	0.923	872.926	0.999	14.818
5/12/2017 7:45	121500	58.215	16.852	134.417	1150.575	1362.634	0.688	0.927	869.131	0.999	14.818
5/12/2017 8:00	122400	58.215	16.855	134.416	1148.871	1360.532	0.687	0.925	870.42	0.999	14.819
5/12/2017 8:15	123300	58.212	16.857	134.411	1141.814	1352.116	0.682	0.919	875.8	0.999	14.815
5/12/2017 8:30	124200	58.203	16.855	134.388	1147.472	1358.863	0.686	0.924	871.481	0.999	14.82
5/12/2017 8:45	125100	58.203	16.855	134.389	1149.503	1361.264	0.687	0.926	869.947	0.999	14.815
5/12/2017 9:00	126000	58.195	16.855	134.371	1148.116	1359.641	0.686	0.925	870.992	0.999	14.818
5/12/2017 9:15	126900	58.193	16.856	134.366	1148.003	1359.475	0.686	0.924	871.078	0.999	14.813
5/12/2017 9:30	127800	58.181	16.855	134.338	1147.402	1358.785	0.686	0.924	871.534	0.999	14.818
5/12/2017 9:45	128700	58.177	16.856	134.329	1148.354	1359.882	0.687	0.925	870.812	0.999	14.812
5/12/2017 10:00	129600	58.166	16.853	134.305	1150.01	1361.936	0.688	0.926	869.557	0.999	14.815
5/12/2017 10:15	130500	58.158	16.854	134.285	1146.969	1360.88	0.686	0.924	871.864	0.999	14.816
5/12/2017 10:30	131400	58.155	16.853	134.277	1146.451	1357.717	0.685	0.923	872.257	0.999	14.815
5/12/2017 10:45	132300	58.147	16.853	134.259	1150.208	1362.172	0.688	0.926	869.408	0.999	14.816
5/12/2017 11:00	133200	58.141	16.852	134.246	1149.518	1361.379	0.687	0.926	869.93	0.999	14.817
5/12/2017 11:15	134100	58.138	16.855	134.24	1148.247	1359.782	0.686	0.925	870.893	0.999	14.812
5/12/2017 11:30	135000	58.123	16.855	134.204	1146.157	1357.321	0.685	0.923	872.481	0.999	14.815
5/12/2017 11:45	135900	58.136	16.852	134.235	1148.551	1360.242	0.687	0.925	870.662	0.999	14.816
5/12/2017 12:00	136800	58.117	16.856	134.19	1148.694	1360.287	0.687	0.925	870.554	0.999	14.808
5/12/2017 12:15	137700	58.104	16.855	134.16	1148.969	1360.646	0.687	0.925	870.345	0.999	14.811
5/12/2017 12:30	138600	58.109	16.854	134.171	1149.459	1361.251	0.687	0.926	869.974	0.999	14.805
5/12/2017 12:45	139500	58.108	16.856	134.17	1147.687	1359.098	0.686	0.924	871.318	0.999	14.803
5/12/2017 13:00	140400	58.103	16.857	134.158	1145.035	1355.936	0.684	0.922	873.336	0.999	14.802
5/12/2017 13:15	141300	58.103	16.854	134.157	1148.612	1360.257	0.687	0.925	870.616	0.999	14.806
5/12/2017 13:30	142200	58.097	16.855	134.144	1147.272	1358.633	0.686	0.924	871.633	0.999	14.8
5/12/2017 13:45	143100	58.093	16.856	134.134	1148.327	1359.839	0.686	0.925	870.832	0.999	14.802
5/12/2017 14:00	144000	58.099	16.854	134.149	1150.45	1362.423	0.688	0.926	869.225	0.999	14.798
5/12/2017 14:15	144900	58.099	16.855	134.149	1148.801	1360.447	0.687	0.925	870.473	0.999	14.796
5/12/2017 14:30	145800	58.09	16.856	134.128	11						

5/13/2017 22:15	260100	57.734	16.851	133.306	1159.85	1373.666	0.694	0.934	862.18	0.999	14.73
5/13/2017 22:30	261000	57.735	16.85	133.308	1160.144	1374.038	0.694	0.934	861.962	0.999	14.729
5/13/2017 22:45	261900	57.728	16.85	133.293	1161.004	1375.045	0.695	0.935	861.323	0.999	14.732
5/13/2017 23:00	262800	57.73	16.851	133.297	1159.231	1372.934	0.693	0.934	862.641	0.999	14.732
5/13/2017 23:15	263700	57.726	16.852	133.288	1158.29	1371.785	0.693	0.933	863.342	0.999	14.73
5/13/2017 23:30	264600	57.724	16.85	133.284	1161.142	1375.225	0.695	0.935	861.221	0.999	14.732
5/13/2017 23:45	265500	57.725	16.85	133.285	1160.184	1374.084	0.694	0.934	861.944	0.999	14.731
5/14/2017 0:00	266400	57.726	16.848	133.287	1159.494	1373.322	0.694	0.934	862.445	0.999	14.73
5/14/2017 0:15	267300	57.731	16.851	133.299	1159.294	1372.987	0.693	0.934	862.594	0.999	14.719
5/14/2017 0:30	268200	57.725	16.851	133.286	1161.286	1375.355	0.695	0.935	861.114	0.999	14.729
5/14/2017 0:45	269100	57.726	16.852	133.287	1158.926	1372.541	0.693	0.933	862.868	0.999	14.725
5/14/2017 1:00	270000	57.729	16.852	133.295	1160.582	1374.48	0.694	0.935	861.637	0.999	14.727
5/14/2017 1:15	270900	57.726	16.85	133.287	1159.862	1373.808	0.694	0.934	862.096	0.999	14.726
5/14/2017 1:30	271800	57.734	16.852	133.306	1158.52	1372.063	0.693	0.933	863.17	0.999	14.718
5/14/2017 1:45	272700	57.731	16.85	133.299	1159.789	1373.598	0.694	0.934	862.226	0.999	14.716
5/14/2017 2:00	273600	57.727	16.851	133.289	1160.198	1374.063	0.694	0.934	861.922	0.999	14.723
5/14/2017 2:15	274500	57.733	16.85	133.303	1160.482	1374.427	0.694	0.935	861.711	0.999	14.721
5/14/2017 2:30	275400	57.732	16.851	133.301	1158.034	1371.517	0.693	0.933	863.532	0.999	14.716
5/14/2017 2:45	276300	57.741	16.849	133.323	1160.933	1374.992	0.694	0.935	861.376	0.999	14.713
5/14/2017 3:00	277200	57.751	16.85	133.346	1161.265	1375.36	0.695	0.935	861.13	0.999	14.709
5/14/2017 3:15	278100	57.743	16.85	133.327	1161.063	1375.129	0.695	0.935	861.28	0.999	14.719
5/14/2017 3:30	279000	57.758	16.852	133.361	1158.926	1372.53	0.693	0.933	862.868	0.999	14.711
5/14/2017 3:45	279900	57.754	16.853	133.353	1160.684	1374.588	0.694	0.935	861.561	0.999	14.716
5/14/2017 4:00	280800	57.76	16.85	133.367	1160.928	1374.952	0.694	0.935	861.38	0.999	14.716
5/14/2017 4:15	281700	57.771	16.851	133.39	1162.498	1376.782	0.695	0.936	860.216	0.999	14.713
5/14/2017 4:30	282600	57.777	16.853	133.405	1157.602	1370.915	0.692	0.932	863.855	0.999	14.708
5/14/2017 4:45	283500	57.779	16.853	133.409	1160.356	1374.182	0.694	0.934	861.805	0.999	14.711
5/14/2017 5:00	284400	57.786	16.851	133.427	1161.753	1375.913	0.695	0.936	860.768	0.999	14.711
5/14/2017 5:15	285300	57.796	16.853	133.45	1159.819	1373.546	0.694	0.934	862.204	0.999	14.708
5/14/2017 5:30	286200	57.816	16.853	133.496	1158.704	1372.234	0.693	0.933	863.033	0.999	14.703
5/14/2017 5:45	287100	57.827	16.855	133.521	1159.093	1372.632	0.693	0.933	862.744	0.999	14.718
5/14/2017 6:00	288000	57.83	16.854	133.528	1158.415	1371.861	0.693	0.933	863.249	0.999	14.709
5/14/2017 6:15	288900	57.844	16.856	133.56	1158.603	1372.021	0.693	0.933	863.109	0.999	14.707
5/14/2017 6:30	289800	57.851	16.855	133.575	1158.402	1371.817	0.693	0.933	863.258	0.999	14.712
5/14/2017 6:45	290700	57.861	16.853	133.599	1160.855	1374.782	0.694	0.935	861.434	0.999	14.713
5/14/2017 7:00	291600	57.867	16.856	133.613	1160.486	1374.262	0.694	0.934	861.708	0.999	14.709
5/14/2017 7:15	292500	57.871	16.855	133.623	1170.917	1376.635	0.692	0.932	863.83	0.999	14.728
5/14/2017 7:30	293400	57.871	16.857	133.621	1160.493	1374.24	0.694	0.934	861.703	0.999	14.715
5/14/2017 7:45	294300	57.872	16.856	133.624	1159.284	1372.837	0.693	0.934	862.601	0.999	14.712
5/14/2017 8:00	295200	57.875	16.855	133.631	1160.289	1374.057	0.694	0.934	861.854	0.999	14.711
5/14/2017 8:15	296100	57.865	16.856	133.608	1157.562	1370.776	0.692	0.932	863.884	0.999	14.718
5/14/2017 8:30	297000	57.871	16.858	133.623	1153.947	1366.453	0.69	0.929	866.591	0.999	14.712
5/14/2017 8:45	297900	57.872	16.854	133.625	1157.42	1370.67	0.692	0.932	863.991	0.999	14.717
5/14/2017 9:00	298800	57.877	16.854	133.636	1157.239	1370.463	0.692	0.932	864.126	0.999	14.713
5/14/2017 9:15	299700	57.877	16.853	133.637	1158.674	1372.194	0.693	0.933	863.055	0.999	14.717
5/14/2017 9:30	300600	57.875	16.853	133.631	1160.074	1373.843	0.694	0.934	862.014	0.999	14.719
5/14/2017 9:45	301500	57.884	16.858	133.652	1157.555	1370.726	0.692	0.932	863.89	0.999	14.719
5/14/2017 10:00	302400	57.887	16.857	133.66	1158.493	1371.848	0.693	0.933	863.19	0.999	14.718
5/14/2017 10:15	303300	57.896	16.856	133.68	1172.418	1374.243	0.693	0.933	862.868	0.999	14.713
5/14/2017 10:30	304200	57.908	16.855	133.708	1158.713	1372.141	0.693	0.933	863.026	0.999	14.709
5/14/2017 10:45	305100	57.9	16.857	133.689	1162.126	1376.147	0.695	0.936	860.492	0.999	14.717
5/14/2017 11:00	306000	57.901	16.861	133.692	1155.589	1368.306	0.691	0.93	865.36	0.999	14.723
5/14/2017 11:15	306900	57.917	16.857	133.729	1160.215	1373.895	0.694	0.934	861.909	0.999	14.716
5/14/2017 11:30	307800	57.924	16.864	133.745	1156.984	1369.866	0.692	0.932	864.316	0.999	14.714
5/14/2017 11:45	308700	57.93	16.857	133.758	1157.222	1370.368	0.692	0.932	864.138	0.999	14.715
5/14/2017 12:00	309600	57.934	16.862	133.769	1156.212	1369.119	0.691	0.931	864.819	0.999	14.719
5/14/2017 12:15	310500	57.943	16.86	133.79	1158.124	1371.337	0.693	0.933	863.466	0.999	14.721
5/14/2017 12:30	311400	57.945	16.861	133.794	1156.617	1369.513	0.692	0.931	864.59	0.999	14.723
5/14/2017 12:45	312300	57.949	16.86	133.802	1154.562	1367.114	0.69	0.93	866.13	0.999	14.726
5/14/2017 13:00	313200	57.968	16.862	133.847	1155.561	1368.244	0.691	0.932	865.38	0.999	14.725
5/14/2017 13:15	314100	57.964	16.861	133.838	1156.944	1369.897	0.692	0.932	864.346	0.999	14.722
5/14/2017 13:30	315000	57.971	16.86	133.852	1155.236	1370.821	0.691	0.931	865.624	0.999	14.718
5/14/2017 13:45	315900	57.985	16.858	133.885	1161.149	1374.966	0.694	0.935	861.216	0.999	14.728
5/14/2017 14:00	316800	57.982	16.862	133.878	1154.217	1366.631	0.69	0.929	866.388	0.999	14.724
5/14/2017 14:15	317700	57.988	16.865	133.893	1157.945	1370.976	0.692	0.932	863.599	0.999	14.723
5/14/2017 14:30	318600	57.99	16.861	133.897	1157.512	1370.586	0.692	0.932	863.922	0.999	14.726
5/14/2017 14:45	319500	58	16.865	133.919	1155.708	1368.315	0.691	0.93	865.27	0.999	14.721
5/14/2017 15:00	320400	58.006	16.863	133.941	1154.557	1367.043	0.69	0.93	865.133	0.999	14.718
5/14/2017 15:15	321300	58.018	16.864	133.962	1153.709	1365.974	0.69	0.929	866.77	0.999	14.713
5/14/2017 15:30	322200	58.017	16.863	133.959	1154.199	1366.584	0.69	0.929	866.402	0.999	14.715
5/14/2017 15:45	323100	58.026	16.862	133.981	1154.184	1366.603	0.69	0.929	866.413	0.999	14.716
5/14/2017 16:00	324000	58.056	16.861	134.049	1157.425	1370.464	0.692	0.932	863.987	0.999	14.714
5/14/2017 16:15	324900	58.063	16.865	134.065	1154.642	1367.058	0.69	0.93	866.669	0.999	14.71
5/14/2017 16:30	325800	58.056	16.862	134.051	1157.23	1370.261	0.692	0.932	864.132	0.999	14.732
5/14/2017 16:45	326700	58.082	16.862	134.11	1153.716	1366.037	0.69	0.929	866.765	0.999	14.703
5/14/2017 17:00	327600	58.073	16.862	134.089	1157.007	1369.944	0.692	0.932	864.299	0.999	14.707
5/14/2017 17:15	328500	58.081	16.862	134.107	1154.677	1367.18	0.69	0.93	866.043	0.999	14.706
5/14/2017 17:30	329400	58.094	16.861	134.137	1156.409	1369.267	0.691	0.931	864.746	0.999	14.705
5/14/2017 17:45	330300	58.11	16.862	134.174	1153.793	1366.126	0.69	0.929	866.707	0.999	14.703
5/14/2017 18:00	331200	58.098	16.861	134.146	1150.562	1362.275	0.688	0.926	869.141	0.999	14.71
5/14/2017 18:15	332100	58.11	16.86	134.174	1156.204	1369.059	0.691	0.931	864.899	0.999	14.71
5/14/2017 18:30	333000	58.119	16.862	134.194	1156.313	1369.132	0.691	0.931	864.817	0.999	14.707
5/14/2017 18:45	333900	58.125	16.861	134.208	1154.123	1366.56	0.69	0.929	866.458	0.999	14.708
5/14/2017 19:00	334800	58.137	16.86	134.237	1155.253	1367.927	0.691	0.93	865.611	0.999	14.702
5/14/2017 19:15	335700	58.146	16.861								

5/16/2017 3:00	450000	58.194	16.86	134.369	1163.907	1378.183	0.696	0.937	859.175	0.999	14.743
5/16/2017 3:15	450900	58.188	16.86	134.354	1163.65	1377.886	0.696	0.937	859.365	0.999	14.751
5/16/2017 3:30	451800	58.19	16.862	134.36	1165.692	1380.239	0.697	0.939	857.86	0.999	14.749
5/16/2017 3:45	452700	58.201	16.857	134.385	1161.982	1375.977	0.695	0.936	860.599	0.999	14.742
5/16/2017 4:00	453600	58.198	16.86	134.377	1162.882	1376.958	0.696	0.936	859.933	0.999	14.751
5/16/2017 4:15	454500	58.206	16.861	134.396	1164.509	1378.668	0.697	0.938	858.731	0.999	14.744
5/16/2017 4:30	455400	58.203	16.86	134.39	1162.223	1376.181	0.695	0.936	860.42	0.999	14.749
5/16/2017 4:45	456300	58.214	16.86	134.414	1162.95	1377.052	0.696	0.936	859.882	0.999	14.749
5/16/2017 5:00	457200	58.213	16.859	134.411	1164.124	1378.456	0.696	0.937	859.015	0.999	14.75
5/16/2017 5:15	458100	58.213	16.861	134.413	1164.407	1378.753	0.696	0.938	858.806	0.999	14.754
5/16/2017 5:30	459000	58.221	16.863	134.431	1162.04	1375.883	0.695	0.936	860.555	0.999	14.751
5/16/2017 5:45	459900	58.23	16.857	134.45	1164.415	1378.863	0.697	0.938	858.801	0.999	14.749
5/16/2017 6:00	460800	58.236	16.862	134.465	1165.022	1379.435	0.697	0.938	858.353	0.999	14.747
5/16/2017 6:15	461700	58.234	16.862	134.46	1163.121	1377.182	0.696	0.936	859.755	0.999	14.751
5/16/2017 6:30	462600	58.234	16.861	134.461	1165.736	1380.305	0.697	0.939	857.827	0.999	14.752
5/16/2017 6:45	463500	58.235	16.86	134.464	1165.991	1380.656	0.697	0.939	857.64	0.999	14.756
5/16/2017 7:00	464400	58.226	16.862	134.442	1161.108	1374.792	0.694	0.935	861.246	0.999	14.76
5/16/2017 7:15	465300	58.23	16.858	134.45	1165.39	1379.996	0.697	0.938	858.082	0.999	14.76
5/16/2017 7:30	466200	58.221	16.859	134.43	1164.135	1378.489	0.696	0.937	859.007	0.999	14.762
5/16/2017 7:45	467100	58.219	16.857	134.426	1165.046	1379.624	0.697	0.938	858.335	0.999	14.763
5/16/2017 8:00	468000	58.214	16.857	134.413	1165.581	1380.249	0.697	0.939	857.941	0.999	14.762
5/16/2017 8:15	468900	58.211	16.858	134.407	1163.943	1378.286	0.696	0.937	859.148	0.999	14.762
5/16/2017 8:30	469800	58.194	16.859	134.369	1166.19	1380.927	0.698	0.939	857.493	0.999	14.765
5/16/2017 8:45	470700	58.187	16.859	134.352	1163.617	1377.85	0.696	0.937	859.39	0.999	14.768
5/16/2017 9:00	471600	58.17	16.858	134.313	1164.689	1379.18	0.697	0.938	858.598	0.999	14.772
5/16/2017 9:15	472500	58.157	16.858	134.283	1162.534	1376.612	0.695	0.936	860.19	0.999	14.771
5/16/2017 9:30	473400	58.145	16.858	134.255	1165.026	1379.554	0.697	0.938	858.35	0.999	14.768
5/16/2017 9:45	474300	58.125	16.86	134.208	1163.298	1377.459	0.696	0.937	859.625	0.999	14.776
5/16/2017 10:00	475200	58.11	16.858	134.174	1163.889	1378.208	0.696	0.937	859.189	0.999	14.776
5/16/2017 10:15	476100	58.104	16.858	134.16	1162.678	1376.798	0.695	0.936	860.083	0.999	14.771
5/16/2017 10:30	477000	58.091	16.859	134.129	1163.859	1378.153	0.696	0.937	859.211	0.999	14.77
5/16/2017 10:45	477900	58.072	16.859	134.087	1163.368	1377.571	0.696	0.937	859.574	0.999	14.775
5/16/2017 11:00	478800	58.063	16.857	134.065	1165.293	1379.904	0.697	0.938	858.153	0.999	14.77
5/16/2017 11:15	479700	58.055	16.86	134.047	1165.377	1379.916	0.697	0.938	858.091	0.999	14.771
5/16/2017 11:30	480600	58.033	16.86	133.997	1164.764	1379.206	0.697	0.938	858.543	0.999	14.775
5/16/2017 11:45	481500	58.026	16.861	133.98	1163.197	1377.312	0.696	0.937	859.7	0.999	14.779
5/16/2017 12:00	482400	58.018	16.857	133.963	1164.23	1378.661	0.696	0.937	858.937	0.999	14.773
5/16/2017 12:15	483300	58.008	16.859	133.94	1163.763	1378.026	0.696	0.937	859.282	0.999	14.771
5/16/2017 12:30	484200	57.99	16.86	133.896	1165.481	1380.044	0.697	0.938	858.015	0.999	14.78
5/16/2017 12:45	485100	57.977	16.859	133.867	1164.422	1378.804	0.696	0.938	858.795	0.999	14.78
5/16/2017 13:00	486000	57.962	16.86	133.833	1164.422	1378.779	0.696	0.938	858.795	0.999	14.78
5/16/2017 13:15	486900	57.946	16.858	133.796	1165.554	1380.185	0.697	0.939	857.961	0.999	14.783
5/16/2017 13:30	487800	57.941	16.859	133.784	1164.136	1378.777	0.696	0.938	858.813	0.999	14.778
5/16/2017 13:45	488700	57.93	16.86	133.758	1165.348	1379.897	0.697	0.938	858.113	0.999	14.784
5/16/2017 14:00	489600	57.922	16.859	133.74	1164.915	1379.396	0.697	0.938	858.432	0.999	14.784
5/16/2017 14:15	490500	57.913	16.86	133.719	1163.523	1377.714	0.696	0.937	859.459	0.999	14.785
5/16/2017 14:30	491400	57.909	16.86	133.71	1165.387	1379.938	0.697	0.938	858.084	0.999	14.784
5/16/2017 14:45	492300	57.898	16.859	133.684	1163.763	1378.026	0.696	0.937	859.282	0.999	14.784
5/16/2017 15:00	493200	57.894	16.857	133.665	1166.195	1380.966	0.698	0.939	857.49	0.999	14.784
5/16/2017 15:15	494100	57.89	16.862	133.666	1164.947	1379.354	0.697	0.938	858.408	0.999	14.781
5/16/2017 15:30	495000	57.879	16.861	133.64	1165.15	1379.605	0.697	0.938	858.259	0.999	14.782
5/16/2017 15:45	495900	57.867	16.86	133.614	1164.772	1379.199	0.697	0.938	858.537	0.999	14.786
5/16/2017 16:00	496800	57.87	16.86	133.62	1163.749	1377.985	0.696	0.937	859.292	0.999	14.777
5/16/2017 16:15	497700	57.862	16.862	133.602	1165.019	1379.445	0.697	0.938	858.355	0.999	14.78
5/16/2017 16:30	498600	57.862	16.86	133.6	1164.291	1378.643	0.696	0.937	858.892	0.999	14.775
5/16/2017 16:45	499500	57.862	16.86	133.602	1165.004	1379.49	0.697	0.938	858.366	0.999	14.776
5/16/2017 17:00	500400	57.859	16.859	133.595	1165.328	1379.898	0.697	0.938	858.128	0.999	14.774
5/16/2017 17:15	501300	57.857	16.859	133.589	1165.735	1380.363	0.697	0.939	857.828	0.999	14.778
5/16/2017 17:30	502200	57.86	16.861	133.597	1165.451	1379.989	0.697	0.938	858.037	0.999	14.774
5/16/2017 17:45	503100	57.852	16.861	133.578	1165.764	1380.346	0.697	0.939	857.807	0.999	14.78
5/16/2017 18:00	504000	57.844	16.861	133.559	1163.171	1377.275	0.696	0.937	859.719	0.999	14.782
5/16/2017 18:15	504900	57.846	16.859	133.564	1165.425	1380.164	0.697	0.938	858.056	0.999	14.776
5/16/2017 18:30	505800	57.841	16.858	133.552	1166.968	1381.865	0.698	0.94	856.921	0.999	14.779
5/16/2017 18:45	506700	57.845	16.859	133.562	1167.191	1382.094	0.698	0.94	856.758	0.999	14.777
5/16/2017 19:00	507600	57.841	16.859	133.553	1165.151	1379.694	0.697	0.938	858.258	0.999	14.774
5/16/2017 19:15	508500	57.845	16.859	133.562	1167.281	1382.194	0.698	0.94	856.692	0.999	14.777
5/16/2017 19:30	509400	57.851	16.859	133.576	1165.167	1379.697	0.697	0.938	858.246	0.999	14.772
5/16/2017 19:45	510300	57.847	16.86	133.566	1165.853	1380.465	0.697	0.939	857.741	0.999	14.776
5/16/2017 20:00	511200	57.848	16.86	133.569	1165.786	1380.407	0.697	0.939	857.791	0.999	14.776
5/16/2017 20:15	512100	57.85	16.859	133.574	1165.993	1380.688	0.697	0.939	857.638	0.999	14.775
5/16/2017 20:30	513000	57.855	16.86	133.585	1166.776	1381.586	0.698	0.939	857.062	0.999	14.771
5/16/2017 20:45	513900	57.854	16.858	133.583	1166.65	1381.494	0.698	0.939	857.155	0.999	14.775
5/16/2017 21:00	514800	57.867	16.86	133.612	1166.379	1381.118	0.698	0.939	857.354	0.999	14.777
5/16/2017 21:15	515700	57.875	16.86	133.631	1166.962	1381.739	0.698	0.94	856.926	0.999	14.778
5/16/2017 21:30	516600	57.859	16.86	133.595	1168.503	1383.633	0.699	0.941	855.796	0.999	14.772
5/16/2017 21:45	517500	57.857	16.86	133.59	1167.101	1381.967	0.698	0.94	856.824	0.999	14.779
5/16/2017 22:00	518400	57.859	16.86	133.594	1167.331	1382.242	0.698	0.94	856.655	0.999	14.782
5/16/2017 22:15	519300	57.864	16.861	133.605	1165.023	1379.466	0.697	0.938	858.352	0.999	14.779
5/16/2017 22:30	520200	57.861	16.86	133.6	1166.473	1381.205	0.698	0.939	857.285	0.999	14.785
5/16/2017 22:45	521100	57.872	16.863	133.624	1166.664	1381.266	0.698	0.939	857.145	0.999	14.786
5/16/2017 23:00	522000	57.862	16.865	133.603	1161.427	1375.082	0.695	0.935	861.01	0.999	14.784
5/16/2017 23:15	522900	57.865	16.862	133.609	1165.97	1380.555	0.697	0.939	857.655	0.999	14.781
5/16/2017 23:30	523800	57.866	16.863	133.611	1166.203	1380.816	0.698	0.939	857.484	0.999	14.779
5/16/2017 23:45	524700	57.856	16.863	133.589	1166.65	1381.329	0.698	0.939	857.155	0.999	14.786
5/17/2017 0:00	525600	57.866	16.8								

Report Date: 5/19/2017 8:55
Report User Name: AVanHaitsma
Report Computer Name: WKST34
Application: WinSitu.exe
Application Version: 5.6.25.0

Log File Properties

File Name	MPWSP MW-6S LT Test_2017-05-18_14-39-09-815-BaroMerge.wsl
Create Date	5/19/2017 8:52

Device Properties			
Device	Aqua TROLL 200		
Site	MPWSP MW-GS		
Device Name			
Serial Number	498998		
Firmware Version	2.01		
Hardware Version	4		
Device Address	1		
Device Comm Cfg	19200	8 Even	1 (Modbus-RTU)
Used Memory	0		
Used Battery	2		

Log Configuration	Log Name	MPWSP MW-6S LT Test
	Created By	WMassoli
	Computer Name	PROBROCK2
	Application	WinSitu.exe
	Application Version	5.6.27.1
	Create Date	3/16/2017 12:50:25 PM Pacific Daylight Time
	Log Setup Time Zone	Pacific Daylight Time
	Notes Size(bytes)	4096
	Overwrite when full	Enabled
	Scheduled Start Time	3/16/2017 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		0.995

Other Log Settings			
Depth of Probe:	65.2518 (ft)		
Head Pressure:	28.2601 (PSI)		
Temperature:	16.9986 (C)		
Specific Conductivity Model:	Standard Methods		
	Reference Temperature:	25	
	Temperature Coefficient:	0.0191	
TDS Factor:	0.68		

Log Notes:	Note
3/16/2017 12:50	Used Battery: 2% Used Memory: 3% User Name: WMAssol
3/16/2017 13:02	Log Download - Used Battery: 2% Used Memory: 3% User Name: WMAssol Interval - Start Time: 3/16/2017 1:00:00 PM Stop Time: 3/16/2017 3:00:00 PM
3/17/2017 13:19	Log Download - Used Battery: 2% Used Memory: 3% User Name: AVanHaitsma Interval - Start Time: 3/16/2017 1:00:00 PM Stop Time: 3/22/2017 1:00:00 PM
3/30/2017 11:19	Log Download - Used Battery: 3% Used Memory: 4% User Name: AVanHaitsma Interval - Start Time: 3/22/2017 10:00:00 PM Stop Time: 3/30/2017 12:30:00 PM
4/1/2017 10:29	Log Download - Used Battery: 3% Used Memory: 4% User Name: WMAssol Interval - Start Time: 3/16/2017 1:00:00 PM Stop Time: 4/1/2017 6:00:00 AM
4/6/2017 11:59	Log Download - Used Battery: 3% Used Memory: 4% User Name: WMAssol Interval - Start Time: 3/16/2017 1:00:00 PM Stop Time: 4/6/2017 12:45:00 PM
4/13/2017 9:05	Log Download - Used Battery: 3% Used Memory: 6% User Name: WMAssol Interval - Start Time: 4/5/2017 12:00:00 PM Stop Time: 4/13/2017 9:00:00 AM
4/13/2017 9:06	Log Download - Used Battery: 3% Used Memory: 6% User Name: WMAssol Interval - Start Time: 4/5/2017 12:00:00 PM Stop Time: 4/13/2017 9:00:00 AM
4/20/2017 10:50	Log Download - Used Battery: 4% Used Memory: 6% User Name: AVanHaitsma Interval - Start Time: 4/2/2017 10:00:00 PM Stop Time: 4/20/2017 11:45:00 AM
4/27/2017 9:55	Log Download - Used Battery: 4% Used Memory: 7% User Name: WMAssol Interval - Start Time: 4/19/2017 10:00:00 PM Stop Time: 4/27/2017 10:45:00 AM
5/11/2017 10:20	Log Download - Used Battery: 4% Used Memory: 7% User Name: AVanHaitsma Interval - Start Time: 4/20/2017 11:45:00 AM Stop Time: 5/4/2017 11:55:00 AM
5/11/2017 10:29	Log Download - Used Battery: 5% Used Memory: 9% User Name: AVanHaitsma Interval - Start Time: 5/3/2017 10:00:00 PM Stop Time: 5/11/2017 11:15:00 AM
5/18/2017 14:48	Log Download - Used Battery: 5% Used Memory: 9% User Name: WMAssol Interval - Start Time: 5/10/2017 10:00:00 PM Stop Time: 5/18/2017 3:00:00 PM
5/19/2017 8:52	User Note: "Pressure & Level adjusted by baro data from: "MPWSV Barotool 2017-05-18_18-25-09no.wm"

Log Data:
Record Count 739

Sensors	2	
	1	498998 PCTD 30 PSIA (10.9m/35.8ft)
	2	0 Baro-Adjustment Calc

Time Zone: Pacific Daylight Time												
Date and Time	Elapsed Time Seconds	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#: 498998	SN#: 498998	SN#: 498998	SN#: 498998	SN#: 498998	SN#: 498998	SN#: 498998	SN#: 498998	SN#: 498998	SN#: 000000	
		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 (inHg)	

5/11/2017 0:15	8100	12.193	16.99	28.154	2009.806	2372.848	1.231	1.614	497.56	1	14.8
5/11/2017 0:30	9000	12.188	16.989	28.143	2009.695	2372.726	1.231	1.613	497.588	1	14.805
5/11/2017 0:45	9900	12.187	16.99	28.14	2009.851	2372.896	1.231	1.614	497.549	1	14.808
5/11/2017 1:00	10800	12.191	16.989	28.148	2009.742	2372.782	1.231	1.613	497.576	1	14.804
5/11/2017 1:15	11700	12.189	16.989	28.144	2009.655	2372.679	1.231	1.613	497.598	1	14.806
5/11/2017 1:30	12600	12.191	16.989	28.149	2009.488	2372.486	1.231	1.613	497.639	1	14.803
5/11/2017 1:45	13500	12.193	16.989	28.154	2009.792	2372.864	1.231	1.614	497.564	1	14.802
5/11/2017 2:00	14400	12.192	16.989	28.15	2009.858	2372.923	1.231	1.614	497.547	1	14.803
5/11/2017 2:15	15300	12.196	16.989	28.161	2009.717	2372.752	1.231	1.613	497.583	1	14.797
5/11/2017 2:30	16200	12.195	16.99	28.157	2009.443	2372.406	1.231	1.613	497.65	1	14.8
5/11/2017 2:45	17100	12.19	16.99	28.146	2009.381	2372.146	1.231	1.613	497.666	1	14.804
5/11/2017 3:00	18000	12.191	16.99	28.148	2009.413	2372.388	1.231	1.613	497.658	1	14.801
5/11/2017 3:15	18900	12.191	16.99	28.148	2009.745	2372.771	1.231	1.613	497.576	1	14.802
5/11/2017 3:30	19800	12.191	16.99	28.149	2009.578	2372.583	1.231	1.613	497.617	1	14.799
5/11/2017 3:45	20700	12.19	16.99	28.147	2009.504	2372.492	1.231	1.613	497.635	1	14.803
5/11/2017 4:00	21600	12.192	16.99	28.152	2009.702	2372.729	1.231	1.613	497.586	1	14.802
5/11/2017 4:15	22500	12.192	16.99	28.153	2009.324	2372.27	1.231	1.613	497.68	1	14.801
5/11/2017 4:30	23400	12.189	16.989	28.143	2009.375	2372.363	1.231	1.613	497.667	1	14.807
5/11/2017 4:45	24300	12.19	16.99	28.146	2009.492	2372.478	1.231	1.613	497.638	1	14.805
5/11/2017 5:00	25200	12.194	16.99	28.154	2009.391	2372.363	1.231	1.613	497.663	1	14.802
5/11/2017 5:15	26100	12.196	16.99	28.159	2009.427	2372.387	1.231	1.613	497.654	1	14.8
5/11/2017 5:30	27000	12.19	16.989	28.147	2009.344	2372.316	1.231	1.613	497.675	1	14.805
5/11/2017 5:45	27900	12.193	16.99	28.154	2009.092	2372.005	1.231	1.613	497.737	1	14.802
5/11/2017 6:00	28800	12.189	16.989	28.149	2009.251	2372.203	1.231	1.613	497.698	1	14.807
5/11/2017 6:15	29700	12.184	16.989	28.133	2009.253	2372.204	1.231	1.613	497.697	1	14.814
5/11/2017 6:30	30600	12.184	16.989	28.134	2009.405	2372.384	1.231	1.613	497.66	1	14.815
5/11/2017 6:45	31500	12.185	16.989	28.136	2009.19	2372.144	1.231	1.613	497.713	1	14.815
5/11/2017 7:00	32400	12.188	16.99	28.141	2009.417	2372.384	1.231	1.613	497.657	1	14.814
5/11/2017 7:15	33300	12.193	16.99	28.139	2009.353	2372.317	1.231	1.613	497.673	1	14.815
5/11/2017 7:30	34200	12.187									

5/12/2017 6:15	116100	12.186	16.99	28.138	2007.782	2370.445	1.23	1.612	498.062	1	14.817
5/12/2017 6:30	117000	12.191	16.99	28.148	2007.454	2370.067	1.229	1.612	498.143	1	14.814
5/12/2017 6:45	117900	12.189	16.99	28.144	2007.531	2370.157	1.23	1.612	498.124	1	14.817
5/12/2017 7:00	118800	12.194	16.99	28.156	2007.608	2370.248	1.23	1.612	498.105	1	14.817
5/12/2017 7:15	119700	12.192	16.99	28.151	2007.8	2370.475	1.23	1.612	498.058	1	14.815
5/12/2017 7:30	120600	12.191	16.99	28.148	2007.886	2369.895	1.229	1.612	498.16	1	14.818
5/12/2017 7:45	121500	12.189	16.99	28.144	2007.966	2370.208	1.23	1.612	498.116	1	14.818
5/12/2017 8:00	122400	12.188	16.99	28.141	2007.428	2370.031	1.229	1.612	498.15	1	14.819
5/12/2017 8:15	123300	12.192	16.99	28.152	2007.363	2369.954	1.229	1.612	498.166	1	14.815
5/12/2017 8:30	124200	12.186	16.99	28.138	2007.339	2369.908	1.229	1.612	498.172	1	14.82
5/12/2017 8:45	125100	12.19	16.99	28.147	2007.315	2369.893	1.229	1.612	498.178	1	14.815
5/12/2017 9:00	126000	12.188	16.99	28.142	2006.968	2369.893	1.229	1.611	498.264	1	14.818
5/12/2017 9:15	126900	12.193	16.99	28.154	2006.964	2369.487	1.229	1.611	498.265	1	14.813
5/12/2017 9:30	127800	12.19	16.99	28.146	2007.07	2369.622	1.229	1.611	498.239	1	14.818
5/12/2017 9:45	128700	12.194	16.99	28.155	2006.881	2369.395	1.229	1.611	498.286	1	14.812
5/12/2017 10:00	129600	12.192	16.99	28.151	2006.817	2369.31	1.229	1.611	498.301	1	14.815
5/12/2017 10:15	130500	12.189	16.99	28.145	2006.824	2369.323	1.229	1.611	498.3	1	14.816
5/12/2017 10:30	131400	12.19	16.99	28.147	2006.514	2368.953	1.229	1.611	498.377	1	14.815
5/12/2017 10:45	132300	12.19	16.99	28.146	2006.51	2368.933	1.229	1.612	498.378	1	14.816
5/12/2017 11:00	133200	12.187	16.99	28.139	2006.567	2368.992	1.229	1.611	498.364	1	14.817
5/12/2017 11:15	134100	12.193	16.99	28.152	2006.197	2368.578	1.229	1.611	498.456	1	14.812
5/12/2017 11:30	135000	12.19	16.99	28.145	2006.242	2368.617	1.229	1.611	498.444	1	14.815
5/12/2017 11:45	135900	12.19	16.99	28.147	2006.007	2368.359	1.229	1.61	498.503	1	14.812
5/12/2017 12:00	136800	12.195	16.99	28.158	2005.957	2368.271	1.229	1.61	498.515	1	14.808
5/12/2017 12:15	137700	12.19	16.99	28.146	2005.9	2368.227	1.228	1.61	498.529	1	14.811
5/12/2017 12:30	138600	12.196	16.99	28.16	2005.924	2368.242	1.229	1.61	498.523	1	14.805
5/12/2017 12:45	139500	12.198	16.99	28.164	2005.626	2367.866	1.228	1.61	498.598	1	14.803
5/12/2017 13:00	140400	12.196	16.99	28.161	2005.474	2367.705	1.228	1.61	498.635	1	14.802
5/12/2017 13:15	141300	12.195	16.99	28.158	2005.127	2367.319	1.228	1.61	498.722	1	14.803
5/12/2017 13:30	142200	12.195	16.99	28.158	2004.917	2367.048	1.228	1.61	498.774	1	14.8
5/12/2017 13:45	143100	12.192	16.99	28.151	2004.972	2367.143	1.228	1.61	498.76	1	14.802
5/12/2017 14:00	144000	12.195	16.99	28.157	2004.812	2366.928	1.228	1.61	498.8	1	14.798
5/12/2017 14:15	144900	12.198	16.99	28.166	2004.525	2366.59	1.228	1.609	498.871	1	14.796
5/12/2017 14:30	145800	12.193	16.99	28.153	2004.266	2366.279	1.227	1.609	498.936	1	14.798
5/12/2017 14:45	146700	12.203	16.99	28.176	2003.854	2365.807	1.227	1.609	499.038	1	14.788
5/12/2017 15:00	147600	12.197	16.99	28.162	2003.647	2365.558	1.227	1.609	499.09	1	14.794
5/12/2017 15:15	148500	12.199	16.99	28.168	2003.3	2365.158	1.227	1.608	499.176	1	14.790
5/12/2017 15:30	149400	12.204	16.99	28.18	2003.037	2364.823	1.227	1.608	499.242	1	14.783
5/12/2017 15:45	150300	12.199	16.99	28.168	2002.563	2364.288	1.226	1.608	499.36	1	14.784
5/12/2017 16:00	151200	12.204	16.99	28.179	2001.997	2363.582	1.226	1.607	499.501	1	14.777
5/12/2017 16:15	152100	12.194	16.99	28.156	2001.622	2363.153	1.226	1.607	499.595	1	14.784
5/12/2017 16:30	153000	12.197	16.991	28.162	2001.108	2362.528	1.225	1.607	499.723	1	14.774
5/12/2017 16:45	153900	12.197	16.99	28.162	2000.712	2362.087	1.225	1.606	499.822	1	14.779
5/12/2017 17:00	154800	12.193	16.99	28.154	2000.45	2361.788	1.225	1.606	499.888	1	14.784
5/12/2017 17:15	155700	12.194	16.99	28.156	2000.068	2361.356	1.225	1.606	499.983	1	14.781
5/12/2017 17:30	156600	12.191	16.991	28.15	1999.344	2360.445	1.224	1.605	500.164	1	14.782
5/12/2017 17:45	157500	12.197	16.99	28.163	1999.118	2360.211	1.224	1.605	500.221	1	14.778
5/12/2017 18:00	158400	12.194	16.99	28.154	1998.806	2359.834	1.224	1.605	500.299	1	14.78
5/12/2017 18:15	159300	12.196	16.99	28.159	1998.348	2359.22	1.224	1.604	500.413	1	14.779
5/12/2017 18:30	160200	12.194	16.99	28.155	1997.887	2358.762	1.223	1.604	500.529	1	14.781
5/12/2017 18:45	161100	12.196	16.99	28.159	1997.409	2358.188	1.223	1.604	500.649	1	14.779
5/12/2017 19:00	162000	12.199	16.99	28.168	1997.242	2357.973	1.223	1.603	500.69	1	14.775
5/12/2017 19:15	162900	12.198	16.99	28.164	1996.882	2357.543	1.223	1.603	500.781	1	14.777
5/12/2017 19:30	163800	12.197	16.99	28.161	1996.49	2357.113	1.222	1.603	500.879	1	14.777
5/12/2017 19:45	164700	12.188	16.99	28.141	1996.029	2356.554	1.222	1.602	500.995	1	14.787
5/12/2017 20:00	165600	12.194	16.99	28.156	1995.943	2356.462	1.222	1.602	501.016	1	14.78
5/12/2017 20:15	166500	12.2	16.99	28.169	1995.642	2356.097	1.222	1.602	501.092	1	14.775
5/12/2017 20:30	167400	12.195	16.99	28.158	1995.366	2355.786	1.222	1.602	501.161	1	14.781
5/12/2017 20:45	168300	12.191	16.99	28.148	1995.24	2355.646	1.222	1.602	501.193	1	14.786
5/12/2017 21:00	169200	12.192	16.99	28.152	1994.925	2355.274	1.221	1.602	501.272	1	14.785
5/12/2017 21:15	170100	12.198	16.99	28.164	1994.934	2355.276	1.221	1.602	501.27	1	14.781
5/12/2017 21:30	171000	12.194	16.99	28.159	1994.669	2354.954	1.221	1.601	501.36	1	14.79
5/12/2017 21:45	171900	12.186	16.99	28.138	1994.374	2354.596	1.221	1.601	501.41	1	14.795
5/12/2017 22:00	172800	12.192	16.99	28.151	1994.216	2354.415	1.221	1.601	501.45	1	14.791
5/12/2017 22:15	173700	12.193	16.99	28.154	1994.324	2354.537	1.221	1.601	501.423	1	14.795
5/12/2017 22:30	174600	12.189	16.99	28.145	1993.963	2354.121	1.221	1.601	501.514	1	14.796
5/12/2017 22:45	175500	12.192	16.99	28.15	1994.075	2354.444	1.221	1.601	501.486	1	14.794
5/12/2017 23:00	176400	12.191	16.99	28.148	1993.863	2353.963	1.221	1.601	501.55	1	14.795
5/12/2017 23:15	177300	12.19	16.99	28.147	1993.737	2353.862	1.221	1.601	501.571	1	14.794
5/12/2017 23:30	178200	12.193	16.99	28.153	1993.746	2353.878	1.221	1.601	501.568	1	14.792
5/12/2017 23:45	179100	12.195	16.99	28.158	1993.47	2353.519	1.22	1.6	501.638	1	14.79
5/13/2017 0:00	180000	12.195	16.99	28.158	1993.378	2353.425	1.22	1.6	501.661	1	14.792
5/13/2017 0:15	180900	12.192	16.99	28.152	1993.521	2353.598	1.221	1.6	501.625	1	14.792
5/13/2017 0:30	181800	12.189	16.99	28.145	1993.238	2353.245	1.22	1.6	501.696	1	14.791
5/13/2017 0:45	182700	12.192	16.99	28.151	1993.094	2353.089	1.22	1.6	501.733	1	14.796
5/13/2017 1:00	183600	12.192	16.99	28.151	1992.988	2352.983	1.22	1.6	501.759	1	14.792
5/13/2017 1:15	184500	12.195	16.99	28.159	1993.058	2353.07	1.22	1.6	501.742	1	14.789
5/13/2017 1:30	185400	12.194	16.99	28.155	1992.989	2352.97	1.22	1.6	501.759	1	14.789
5/13/2017 1:45	186300	12.193	16.99	28.154	1992.786	2352.753	1.22	1.6	501.81	1	14.789
5/13/2017 2:00	187200	12.193	16.99	28.153	1992.937	2352.969	1.22	1.6	501.772	1	14.788
5/13/2017 2:15	188100	12.193	16.99	28.154	1992.763	2352.721	1.22	1.6	501.816	1	14.787
5/13/2017 2:30	189000	12.193	16.99	28.154	1992.697	2352.621	1.22	1.6	501.832	1	14.786
5/13/2017 2:45	189900	12.196	16.99	28.159	1992.717	2352.645	1.22	1.6	501.827	1	14.783
5/13/2017 3:00	190800	12.197	16.99	28.163	1992.688	2352.601	1.22	1.6	501.835	1	14.781
5/13/2017 3:15	191700	12.192	16.99	28.15	1992.738	2352.692	1.22	1.6	501.822	1	14.786
5/13/2017 3:30	192600	12.19	16.99	28.16	1992.663	2352.59	1.22	1.6	501.841	1	14.783
5/13/2017 3:45	193500	12.189	16.99	28.144	1992.717	2352.644	1.22	1.6	501.827	1	14.788
5/13/2017 4:00	194400	12.193	16.99	28.152	1992.64	2352.563	1.22	1.6	501.847	1	14.785
5/13/2017 4:15</											

5/14/2017 11:00	306000	12.184	16.991	28.132	1990.202	2349.637	1.218	1.598	502.462	1	14.723
5/14/2017 11:15	306900	12.188	16.99	28.143	1990.25	2349.728	1.218	1.598	502.449	1	14.716
5/14/2017 11:30	307800	12.191	16.99	28.149	1990.17	2349.624	1.218	1.598	502.47	1	14.714
5/14/2017 11:45	308700	12.19	16.99	28.147	1990.125	2349.571	1.218	1.598	502.481	1	14.715
5/14/2017 12:00	309600	12.188	16.99	28.141	1990.31	2349.788	1.218	1.598	502.434	1	14.719
5/14/2017 12:15	310500	12.187	16.99	28.139	1990.118	2349.567	1.218	1.598	502.461	1	14.721
5/14/2017 12:30	311400	12.187	16.99	28.138	1989.966	2349.382	1.218	1.598	502.521	1	14.722
5/14/2017 12:45	312300	12.184	16.99	28.133	1990.049	2349.475	1.218	1.598	502.5	1	14.726
5/14/2017 13:00	313200	12.188	16.99	28.141	1990.005	2349.429	1.218	1.598	502.511	1	14.725
5/14/2017 13:15	314100	12.189	16.99	28.144	1989.884	2349.291	1.218	1.598	502.542	1	14.722
5/14/2017 13:30	315000	12.19	16.99	28.145	1989.88	2349.304	1.218	1.598	502.543	1	14.722
5/14/2017 13:45	315900	12.184	16.991	28.133	1989.808	2349.387	1.218	1.597	502.561	1	14.728
5/14/2017 13:59	316800	12.188	16.99	28.134	1989.36	2349.347	1.218	1.598	502.529	1	14.724
5/14/2017 14:15	317700	12.187	16.991	28.139	1989.912	2349.305	1.218	1.598	502.535	1	14.723
5/14/2017 14:30	318600	12.185	16.99	28.134	1989.726	2349.099	1.218	1.597	502.582	1	14.726
5/14/2017 14:45	319500	12.187	16.99	28.138	1989.702	2349.066	1.218	1.597	502.588	1	14.721
5/14/2017 15:00	320400	12.192	16.991	28.151	1989.685	2349.042	1.218	1.597	502.592	1	14.718
5/14/2017 15:15	321300	12.194	16.99	28.156	1989.65	2349.009	1.218	1.597	502.601	1	14.713
5/14/2017 15:30	322200	12.191	16.99	28.148	1989.564	2348.922	1.218	1.597	502.623	1	14.715
5/14/2017 15:45	323100	12.189	16.99	28.145	1989.489	2348.852	1.218	1.597	502.642	1	14.716
5/14/2017 16:00	324000	12.192	16.991	28.151	1989.359	2348.638	1.218	1.597	502.674	1	14.714
5/14/2017 16:15	324900	12.194	16.991	28.155	1989.323	2348.615	1.218	1.597	502.684	1	14.71
5/14/2017 16:30	325800	12.194	16.991	28.156	1989.251	2348.525	1.218	1.597	502.702	1	14.711
5/14/2017 16:45	326700	12.199	16.99	28.166	1989.251	2348.534	1.218	1.597	502.702	1	14.703
5/14/2017 17:00	327600	12.191	16.99	28.149	1989.176	2348.445	1.218	1.597	502.721	1	14.707
5/14/2017 17:15	328500	12.193	16.99	28.154	1988.943	2348.18	1.218	1.597	502.78	1	14.706
5/14/2017 17:30	329400	12.194	16.991	28.156	1988.876	2348.077	1.217	1.597	502.797	1	14.705
5/14/2017 17:45	330300	12.2	16.991	28.169	1988.82	2348.011	1.217	1.597	502.811	1	14.703
5/14/2017 18:00	331200	12.187	16.99	28.139	1988.744	2347.949	1.217	1.597	502.83	1	14.71
5/14/2017 18:15	332100	12.189	16.99	28.143	1988.733	2347.95	1.217	1.597	502.833	1	14.71
5/14/2017 18:30	333000	12.189	16.991	28.143	1988.589	2347.754	1.217	1.596	502.869	1	14.707
5/14/2017 18:45	333900	12.188	16.99	28.143	1988.465	2347.61	1.217	1.596	502.901	1	14.708
5/14/2017 19:00	334800	12.194	16.991	28.155	1988.467	2347.599	1.217	1.596	502.9	1	14.702
5/14/2017 19:15	335700	12.193	16.991	28.152	1988.194	2347.277	1.217	1.596	502.969	1	14.702
5/14/2017 19:30	336600	12.19	16.99	28.146	1987.966	2347.026	1.217	1.596	503.027	1	14.705
5/14/2017 19:45	337500	12.192	16.99	28.152	1987.882	2346.927	1.217	1.596	503.048	1	14.701
5/14/2017 20:00	338400	12.192	16.99	28.151	1987.892	2346.925	1.217	1.596	503.046	1	14.706
5/14/2017 20:15	339300	12.195	16.991	28.158	1987.724	2346.722	1.217	1.596	503.088	1	14.698
5/14/2017 20:30	340200	12.19	16.99	28.147	1987.8	2346.835	1.217	1.596	503.069	1	14.704
5/14/2017 20:45	341100	12.193	16.99	28.154	1987.525	2346.505	1.217	1.596	503.138	1	14.699
5/14/2017 21:00	342000	12.191	16.991	28.148	1987.337	2346.27	1.217	1.595	503.186	1	14.701
5/14/2017 21:15	342900	12.191	16.991	28.149	1987.212	2346.108	1.216	1.595	503.217	1	14.7
5/14/2017 21:30	343800	12.197	16.991	28.163	1987.081	2345.963	1.216	1.595	503.251	1	14.694
5/14/2017 21:45	344700	12.2	16.991	28.169	1986.973	2345.84	1.216	1.595	503.278	1	14.693
5/14/2017 22:00	345600	12.188	16.99	28.142	1986.783	2345.639	1.216	1.595	503.326	1	14.704
5/14/2017 22:15	346500	12.189	16.99	28.143	1986.768	2345.603	1.216	1.595	503.33	1	14.704
5/14/2017 22:30	347400	12.192	16.99	28.151	1986.564	2345.38	1.216	1.595	503.382	1	14.701
5/14/2017 22:45	348300	12.194	16.991	28.155	1986.274	2344.991	1.216	1.595	503.455	1	14.697
5/14/2017 23:00	349200	12.191	16.99	28.154	1986.263	2344.968	1.216	1.595	503.443	1	14.7
5/14/2017 23:15	350100	12.195	16.99	28.159	1986.206	2344.939	1.216	1.595	503.472	1	14.696
5/14/2017 23:30	351000	12.191	16.99	28.148	1986.09	2344.802	1.216	1.594	503.502	1	14.699
5/14/2017 23:45	351900	12.198	16.991	28.164	1986.185	2344.886	1.216	1.595	503.478	1	14.696
5/15/2017 0:00	352800	12.189	16.99	28.144	1985.845	2344.512	1.216	1.594	503.564	1	14.698
5/15/2017 0:15	353700	12.194	16.991	28.157	1985.682	2344.297	1.215	1.594	503.605	1	14.692
5/15/2017 0:30	354600	12.188	16.991	28.143	1985.572	2344.186	1.215	1.594	503.633	1	14.699
5/15/2017 0:45	355500	12.189	16.99	28.145	1985.434	2344.037	1.215	1.594	503.668	1	14.697
5/15/2017 1:00	356400	12.19	16.99	28.145	1985.347	2343.935	1.215	1.594	503.69	1	14.696
5/15/2017 1:15	357300	12.19	16.99	28.146	1985.389	2343.974	1.215	1.594	503.68	1	14.695
5/15/2017 1:30	358200	12.189	16.991	28.144	1985.298	2343.863	1.215	1.594	503.703	1	14.695
5/15/2017 1:45	359100	12.192	16.99	28.151	1985.085	2343.63	1.215	1.594	503.757	1	14.691
5/15/2017 2:00	360000	12.193	16.991	28.152	1984.891	2343.373	1.215	1.593	503.806	1	14.69
5/15/2017 2:15	360900	12.194	16.991	28.155	1984.692	2343.147	1.215	1.593	503.857	1	14.697
5/15/2017 2:30	361800	12.191	16.991	28.148	1984.624	2343.067	1.215	1.593	503.874	1	14.691
5/15/2017 2:45	362700	12.2	16.99	28.169	1984.741	2343.214	1.215	1.593	503.844	1	14.686
5/15/2017 3:00	363600	12.19	16.991	28.145	1984.39	2342.791	1.215	1.593	503.933	1	14.692
5/15/2017 3:15	364500	12.192	16.991	28.15	1984.386	2342.786	1.215	1.593	503.934	1	14.688
5/15/2017 3:30	365400	12.189	16.991	28.144	1984.344	2342.731	1.215	1.593	503.945	1	14.69
5/15/2017 3:45	366300	12.19	16.99	28.146	1984.23	2342.665	1.215	1.593	503.974	1	14.688
5/15/2017 4:00	367200	12.193	16.99	28.153	1984.024	2342.362	1.214	1.593	504.026	1	14.684
5/15/2017 4:15	368100	12.188	16.99	28.142	1983.893	2342.208	1.214	1.593	504.06	1	14.689
5/15/2017 4:30	369000	12.195	16.99	28.158	1983.708	2342.003	1.214	1.593	504.107	1	14.68
5/15/2017 4:45	369900	12.19	16.991	28.145	1983.603	2341.847	1.214	1.592	504.133	1	14.686
5/15/2017 5:00	370800	12.193	16.99	28.153	1983.559	2341.814	1.214	1.592	504.144	1	14.682
5/15/2017 5:15	371700	12.189	16.991	28.145	1983.379	2341.597	1.214	1.592	504.19	1	14.686
5/15/2017 5:30	372600	12.191	16.991	28.149	1983.316	2341.513	1.214	1.592	504.206	1	14.682
5/15/2017 5:45	373500	12.192	16.99	28.152	1983.139	2341.317	1.214	1.592	504.251	1	14.682
5/15/2017 6:00	374400	12.192	16.991	28.151	1983.058	2341.219	1.214	1.592	504.272	1	14.682
5/15/2017 6:15	375300	12.183	16.99	28.13	1982.956	2341.102	1.214	1.592	504.298	1	14.69
5/15/2017 6:30	376200	12.188	16.991	28.143	1982.8	2340.899	1.214	1.592	504.337	1	14.686
5/15/2017 6:45	377100	12.185	16.991	28.136	1982.615	2340.626	1.213	1.592	504.384	1	14.69
5/15/2017 7:00	378000	12.181	16.991	28.126	1982.268	2340.276	1.213	1.591	504.473	1	14.694
5/15/2017 7:15	378900	12.189	16.991	28.144	1982.152	2340.149	1.213	1.591	504.502	1	14.687
5/15/2017 7:30	379800	12.186	16.99	28.136	1982.106	2340.099	1.213	1.591	504.514	1	14.692
5/15/2017 7:45	380700	12.188	16.99	28.143	1982.012	2339.992	1.213	1.591	504.538	1	14.69
5/15/2017 8:00	381600	12.184	16.991	28.132	1982.059	2340.033	1.213	1.591	504.526	1	14.693
5/15/2017 8:15	382500	12.185	16.99	28.136	1981.836	2339.734	1.213	1.591	504.583	1	14.695
5/15/2017 8:30	383400	12.184	16.991	28.131	1981.507	2339.388	1.213	1.591	504.666	1	14.696
5/15/2017 8:45	384300	12.187	16.991	28.14							

5/16/2017 15:45	495900	12.162	16.991	28.082	1960.732	2314.841	1.199	1.574	510.014	1	14.786
5/16/2017 16:00	496800	12.17	16.991	28.099	1960.757	2314.875	1.199	1.574	510.007	1	14.777
5/16/2017 16:15	497700	12.167	16.991	28.093	1960.556	2314.633	1.199	1.574	510.059	1	14.78
5/16/2017 16:30	498600	12.171	16.991	28.102	1960.454	2314.518	1.199	1.574	510.086	1	14.775
5/16/2017 16:45	499500	12.169	16.991	28.099	1960.341	2314.393	1.199	1.574	510.115	1	14.776
5/16/2017 16:50	500400	12.171	16.991	28.103	1960.35	2314.381	1.199	1.574	510.113	1	14.776
5/16/2017 17:15	501300	12.166	16.991	28.091	1960.501	2314.569	1.199	1.574	510.074	1	14.778
5/16/2017 17:30	502200	12.172	16.991	28.105	1960.137	2314.148	1.199	1.574	510.168	1	14.774
5/16/2017 17:45	503100	12.167	16.991	28.093	1959.831	2313.777	1.199	1.573	510.248	1	14.78
5/16/2017 18:00	504000	12.164	16.991	28.086	1959.869	2313.823	1.199	1.573	510.238	1	14.782
5/16/2017 18:15	504900	12.17	16.991	28.099	1959.908	2313.886	1.199	1.573	510.228	1	14.776
5/16/2017 18:30	505800	12.167	16.991	28.092	1959.909	2313.86	1.199	1.573	510.228	1	14.779
5/16/2017 18:45	506700	12.174	16.991	28.11	1959.812	2313.774	1.199	1.573	510.253	1	14.77
5/16/2017 19:00	507600	12.171	16.991	28.102	1959.68	2313.595	1.199	1.573	510.287	1	14.774
5/16/2017 19:15	508500	12.167	16.991	28.094	1959.57	2313.474	1.199	1.573	510.316	1	14.777
5/16/2017 19:30	509400	12.172	16.991	28.105	1959.342	2313.209	1.198	1.573	510.376	1	14.772
5/16/2017 19:45	510300	12.172	16.991	28.106	1959.368	2313.226	1.198	1.573	510.369	1	14.777
5/16/2017 20:00	511200	12.17	16.991	28.099	1959.175	2312.993	1.198	1.573	510.419	1	14.776
5/16/2017 20:15	512100	12.17	16.991	28.101	1959.289	2313.146	1.198	1.573	510.389	1	14.755
5/16/2017 20:30	513000	12.174	16.991	28.109	1958.938	2312.705	1.198	1.573	510.481	1	14.771
5/16/2017 20:45	513900	12.169	16.991	28.098	1958.854	2312.638	1.198	1.573	510.502	1	14.775
5/16/2017 21:00	514800	12.168	16.991	28.095	1958.753	2312.509	1.198	1.573	510.529	1	14.777
5/16/2017 21:15	515700	12.167	16.991	28.094	1958.775	2312.539	1.198	1.573	510.523	1	14.777
5/16/2017 21:30	516600	12.173	16.991	28.107	1958.569	2312.306	1.198	1.572	510.577	1	14.772
5/16/2017 21:45	517500	12.167	16.991	28.094	1958.404	2312.093	1.198	1.572	510.62	1	14.779
5/16/2017 22:00	518400	12.165	16.991	28.09	1958.411	2312.087	1.198	1.572	510.618	1	14.782
5/16/2017 22:15	519300	12.17	16.991	28.1	1958.335	2312.03	1.198	1.572	510.638	1	14.779
5/16/2017 22:30	520200	12.164	16.991	28.087	1958.263	2311.917	1.198	1.572	510.657	1	14.785
5/16/2017 22:45	521100	12.164	16.991	28.087	1958.135	2311.776	1.198	1.572	510.69	1	14.786
5/16/2017 23:00	522000	12.17	16.991	28.101	1957.878	2311.463	1.198	1.572	510.757	1	14.784
5/16/2017 23:15	522900	12.168	16.991	28.096	1957.864	2311.459	1.198	1.572	510.761	1	14.781
5/16/2017 23:30	523800	12.169	16.991	28.098	1957.721	2311.287	1.197	1.572	510.798	1	14.779
5/16/2017 23:45	524700	12.163	16.991	28.083	1957.71	2311.268	1.197	1.572	510.801	1	14.786
5/17/2017 0:00	525600	12.168	16.991	28.096	1957.723	2311.284	1.197	1.572	510.797	1	14.78
5/17/2017 0:15	526500	12.168	16.991	28.096	1957.383	2310.888	1.197	1.571	510.886	1	14.779
5/17/2017 0:30	527400	12.168	16.991	28.095	1957.055	2310.514	1.197	1.571	510.972	1	14.779
5/17/2017 0:45	528300	12.165	16.991	28.088	1957.101	2310.568	1.197	1.571	510.96	1	14.782
5/17/2017 1:00	529200	12.172	16.991	28.105	1956.908	2310.331	1.197	1.571	511.01	1	14.773
5/17/2017 1:15	530100	12.173	16.991	28.107	1956.596	2309.948	1.197	1.571	511.092	1	14.771
5/17/2017 1:30	531000	12.17	16.991	28.1	1956.402	2309.729	1.197	1.571	511.142	1	14.771
5/17/2017 1:45	531900	12.174	16.991	28.11	1956.179	2309.47	1.196	1.57	511.201	1	14.768
5/17/2017 2:00	532800	12.173	16.991	28.107	1956.121	2309.406	1.196	1.57	511.216	1	14.767
5/17/2017 2:15	533700	12.177	16.991	28.116	1956.016	2309.259	1.196	1.57	511.243	1	14.76
5/17/2017 2:30	534600	12.172	16.991	28.104	1955.715	2308.909	1.196	1.57	511.322	1	14.764
5/17/2017 2:45	535500	12.165	16.991	28.089	1955.39	2308.534	1.196	1.57	511.407	1	14.768
5/17/2017 3:00	536400	12.176	16.991	28.114	1955.125	2308.212	1.196	1.57	511.476	1	14.757
5/17/2017 3:15	537300	12.179	16.991	28.12	1954.727	2307.742	1.195	1.569	511.58	1	14.752
5/17/2017 3:30	538200	12.17	16.991	28.1	1954.518	2307.487	1.195	1.569	511.635	1	14.759
5/17/2017 3:45	539100	12.174	16.991	28.109	1954.252	2307.191	1.195	1.569	511.705	1	14.756
5/17/2017 4:00	540000	12.176	16.991	28.115	1954.082	2306.99	1.195	1.569	511.749	1	14.752
5/17/2017 4:15	540900	12.171	16.991	28.103	1953.777	2306.625	1.195	1.569	511.829	1	14.756
5/17/2017 4:30	541800	12.171	16.991	28.102	1953.283	2306.033	1.195	1.568	511.959	1	14.755
5/17/2017 4:45	542700	12.17	16.992	28.1	1953.237	2305.961	1.195	1.568	511.971	1	14.756
5/17/2017 5:00	543600	12.173	16.991	28.107	1952.951	2305.655	1.194	1.568	512.046	1	14.751
5/17/2017 5:15	544500	12.174	16.991	28.109	1952.538	2305.14	1.194	1.567	512.154	1	14.751
5/17/2017 5:30	545400	12.17	16.991	28.1	1952.309	2304.888	1.194	1.567	512.214	1	14.753
5/17/2017 5:45	546300	12.17	16.991	28.1	1952.134	2304.686	1.194	1.567	512.26	1	14.754
5/17/2017 6:00	547200	12.166	16.991	28.09	1951.754	2304.242	1.194	1.567	512.36	1	14.759
5/17/2017 6:15	548100	12.172	16.991	28.104	1951.46	2303.871	1.193	1.567	512.437	1	14.751
5/17/2017 6:30	549000	12.168	16.991	28.096	1951.251	2303.656	1.193	1.566	512.492	1	14.755
5/17/2017 6:45	549900	12.165	16.991	28.089	1951.064	2303.432	1.193	1.566	512.541	1	14.757
5/17/2017 7:00	550800	12.168	16.991	28.095	1950.74	2303.053	1.193	1.566	512.626	1	14.755
5/17/2017 7:15	551700	12.169	16.991	28.097	1950.323	2302.543	1.193	1.566	512.736	1	14.756
5/17/2017 7:30	552600	12.162	16.991	28.082	1950.298	2302.509	1.193	1.566	512.742	1	14.763
5/17/2017 7:45	553500	12.163	16.991	28.083	1950.123	2302.307	1.193	1.566	512.788	1	14.764
5/17/2017 8:00	554400	12.162	16.991	28.081	1949.991	2302.151	1.192	1.565	512.823	1	14.768
5/17/2017 8:15	555300	12.165	16.991	28.09	1949.617	2301.7	1.192	1.565	512.921	1	14.764
5/17/2017 8:30	556200	12.164	16.991	28.086	1949.476	2301.543	1.192	1.565	512.958	1	14.767
5/17/2017 8:45	557100	12.168	16.991	28.095	1949.445	2301.493	1.192	1.565	512.967	1	14.762
5/17/2017 9:00	558000	12.175	16.991	28.111	1949.045	2301.016	1.192	1.565	513.072	1	14.757
5/17/2017 9:15	558900	12.168	16.991	28.095	1949.039	2301.022	1.192	1.565	513.073	1	14.763
5/17/2017 9:30	559800	12.165	16.991	28.09	1948.878	2300.85	1.192	1.565	513.116	1	14.765
5/17/2017 9:45	560700	12.169	16.991	28.097	1948.638	2300.554	1.192	1.564	513.179	1	14.762
5/17/2017 10:00	561600	12.162	16.991	28.081	1948.443	2300.514	1.191	1.564	513.23	1	14.77
5/17/2017 10:15	562500	12.159	16.991	28.075	1948.412	2300.278	1.191	1.564	513.238	1	14.771
5/17/2017 10:30	563400	12.169	16.991	28.099	1948.43	2300.322	1.191	1.564	513.234	1	14.762
5/17/2017 10:45	564300	12.163	16.991	28.084	1948.184	2300.027	1.191	1.564	513.299	1	14.77
5/17/2017 11:00	565200	12.166	16.991	28.091	1948.151	2299.961	1.191	1.564	513.307	1	14.766
5/17/2017 11:15	566100	12.161	16.991	28.078	1948.344	2300.207	1.191	1.564	513.256	1	14.771
5/17/2017 11:30	567000	12.162	16.991	28.081	1947.894	2299.984	1.191	1.564	513.375	1	14.77
5/17/2017 11:45	567900	12.162	16.991	28.081	1947.762	2299.538	1.191	1.564	513.41	1	14.768
5/17/2017 12:00	568800	12.164	16.991	28.086	1947.771	2299.525	1.191	1.564	513.407	1	14.767
5/17/2017 12:15	569700	12.162	16.991	28.082	1947.429	2299.122	1.191	1.563	513.497	1	14.768
5/17/2017 12:30	570600	12.161	16.991	28.08	1947.423	2299.11	1.191	1.563	513.499	1	14.769
5/17/2017 12:45	571500	12.16	16.991	28.076	1947.378	2299.071	1.191	1.563	513.511	1	14.772
5/17/2017 13:00	572400	12.164	16.991	28.087	1947.35	2299.037	1.191	1.563	513.518	1	14.768
5/17/2017 13:15	573300	12.162	16.992	28.081	1947.36	2299.022	1.191	1.563	513.516	1	14.769
5/17/2017 13:30	574200</										

Report Date: 5/19/2017 8:54
Report User Name: AVanHaitsma
Report Computer Name: WKST34
Application: WinSitu.exe
Application Version: 5.6.25.0

Log File Properties
File Name MPWSP MW-7D LT Test_2017-05-18_15-14-34-271-BaroMerge.wsl
Create Date 5/19/2017 8:52

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

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

Level Reference Settings At Log Creation
Level Measurement Mode Specific Gravity
Depth 1.012

Other Log Settings
Depth of Probe: 33.6308 (ft)
Head Pressure: 14.7548 (PSI)
Temperature: 16.8378 (C)
Specific Conductivity Model: Standard Methods
Reference Temperature: 25
Temperature Coefficient: 0.0191
TDS Factor: 0.68

Log Notes:
Date and Time Note
3/2/2016 16:38 Used Battery: 0% Used Memory: 1% User Name: CShaw
3/2/2016 16:41 Sensor SN: 441205 Cache Timeout: 1000 User Name: CShaw
3/2/2016 16:46 Device Taken Offline
3/2/2016 16:47 Sensor SN: 441205 Actual conductivity calibration.
(null) Cell Constant: 1.00383 Cell Offset: 0
(null) Reference Temperature: 25 Temperature Coefficient: 0.0191 User Name: CShaw
3/2/2016 16:55 Device Put Online
3/2/2016 16:55 Sensor SN: 441205 Cache Timeout: 1750 User Name: CShaw
3/2/2016 17:20 Log Download - Used Battery: 0% Used Memory: 1% User Name: CShaw Interval - Start Time: 3/2/2016 4:15:00 PM Stop Time: 3/2/2016 5:15:00 PM
3/2/2016 17:22 Log Download - Used Battery: 0% Used Memory: 1% User Name: CShaw Interval - Start Time: 3/2/2016 5:15:00 PM Stop Time: 3/2/2016 6:15:00 PM
3/3/2016 11:51 Log Download - Used Battery: 0% Used Memory: 1% User Name: SKuiper Interval - Start Time: 1/31/2016 12:00:01 AM Stop Time: 3/3/2016 12:45:00 PM
3/10/2016 7:39 Log Download - Used Battery: 1% Used Memory: 1% User Name: KMakar
3/17/2016 13:42 Log Download - Used Battery: 1% Used Memory: 3% User Name: SKuiper Interval - Start Time: 3/8/2016 12:00:01 AM Stop Time: 3/17/2016 2:30:00 PM
3/24/2016 9:43 Log Download - Used Battery: 2% Used Memory: 3% User Name: SKuiper Interval - Start Time: 3/15/2016 12:00:00 PM Stop Time: 3/24/2016 9:45:00 AM
3/31/2016 11:40 Log Download - Used Battery: 2% Used Memory: 4% User Name: SKuiper Interval - Start Time: 3/22/2016 12:00:00 PM Stop Time: 3/31/2016 12:30:00 PM
4/7/2016 10:42 Log Download - Used Battery: 2% Used Memory: 4% User Name: KMakar Interval - Start Time: 2/29/2016 5:00:00 PM Stop Time: 4/7/2016 10:45:00 AM
4/14/2016 8:52 Log Download - Used Battery: 3% Used Memory: 6% User Name: SKuiper Interval - Start Time: 4/5/2016 12:00:00 PM Stop Time: 4/14/2016 8:45:00 AM
4/21/2016 9:43 Log Download - Used Battery: 3% Used Memory: 6% User Name: ELinden Interval - Start Time: 4/12/2016 1:30:00 PM Stop Time: 4/21/2016 10:30:00 AM
4/28/2016 10:15 Log Download - Used Battery: 4% Used Memory: 7% User Name: KMakar Interval - Start Time: 4/19/2016 5:00:00 PM Stop Time: 4/28/2016 10:15:00 AM
5/5/2016 8:24 Log Download - Used Battery: 4% Used Memory: 7% User Name: SKuiper Interval - Start Time: 3/31/2016 12:00:00 PM Stop Time: 5/5/2016 9:15:00 AM
5/12/2016 8:54 Log Download - Used Battery: 4% Used Memory: 9% User Name: SKuiper Interval - Start Time: 5/2/2016 12:00:00 PM Stop Time: 5/12/2016 9:15:00 AM
5/19/2016 11:58 Log Download - Used Battery: 5% Used Memory: 10% User Name: ELinden Interval - Start Time: 5/10/2016 12:00:00 PM Stop Time: 5/19/2016 12:45:00 PM
5/26/2016 8:29 Log Download - Used Battery: 5% Used Memory: 10% User Name: SKuiper Interval - Start Time: 5/17/2016 6:00:00 AM Stop Time: 5/26/2016 9:15:00 AM
6/2/2016 10:31 Log Download - Used Battery: 5% Used Memory: 12% User Name: SKuiper Interval - Start Time: 4/30/2016 10:00:00 PM Stop Time: 6/2/2016 10:30:00 AM
6/9/2016 8:42 Log Download - Used Battery: 6% Used Memory: 12% User Name: CShaw Interval - Start Time: 5/31/2016 5:00:00 AM Stop Time: 6/9/2016 9:30:00 AM
6/16/2016 10:04 Log Download - Used Battery: 6% Used Memory: 14% User Name: SKuiper Interval - Start Time: 6/7/2016 10:30:00 PM Stop Time: 6/16/2016 10:00:00 AM
6/23/2016 9:23 Log Download - Used Battery: 6% Used Memory: 14% User Name: SKuiper Interval - Start Time: 6/23/2016 10:15:00 AM
7/1/2016 10:43 Log Download - Used Battery: 7% Used Memory: 15% User Name: SKuiper Interval - Start Time: 5/31/2016 10:00:00 PM Stop Time: 7/1/2016 11:15:00 AM
7/8/2016 11:06 Log Download - Used Battery: 7% Used Memory: 15% User Name: SKuiper Interval - Start Time: 6/29/2016 10:00:00 PM Stop Time: 7/8/2016 11:00:00 AM
7/14/2016 16:05 Log Download - Used Battery: 8% Used Memory: 17% User Name: ELinden Interval - Start Time: 7/5/2016 12:00:00 PM Stop Time: 7/14/2016 5:00:00 PM
7/21/2016 16:36 Log Download - Used Battery: 8% Used Memory: 17% User Name: SKuiper Interval - Start Time: 7/13/2016 10:00:00 PM Stop Time: 7/21/2016 4:30:00 PM
7/28/2016 17:24 Log Download - Used Battery: 8% Used Memory: 18% User Name: SKuiper Interval - Start Time: 7/20/2016 10:00:00 PM Stop Time: 7/28/2016 6:15:00 PM
8/4/2016 8:30 Log Download - Used Battery: 9% Used Memory: 18% User Name: SKuiper Interval - Start Time: 6/30/2016 10:00:00 PM Stop Time: 8/4/2016 9:00:00 PM
8/11/2016 11:13 Log Download - Used Battery: 9% Used Memory: 20% User Name: ELinden Interval - Start Time: 8/3/2016 12:00:00 PM Stop Time: 8/11/2016 12:00:00 PM
8/18/2016 14:35 Log Download - Used Battery: 9% Used Memory: 20% User Name: SKuiper Interval - Start Time: 8/10/2016 10:00:00 PM Stop Time: 8/18/2016 3:30:00 PM
8/25/2016 13:14 Log Download - Used Battery: 10% Used Memory: 21% User Name: ELinden Interval - Start Time: 8/17/2016 10:00:00 PM Stop Time: 8/25/2016 2:00:00 PM
9/1/2016 9:47 Log Download - Used Battery: 10% Used Memory: 21% User Name: skuiper Interval - Start Time: 7/31/2016 10:00:00 PM Stop Time: 9/1/2016 9:45:00 AM
9/8/2016 17:38 Log Download - Used Battery: 10% Used Memory: 23% User Name: SKuiper Interval - Start Time: 8/31/2016 10:00:00 PM Stop Time: 9/8/2016 5:45:00 PM
9/15/2016 13:09 Log Download - Used Battery: 11% Used Memory: 23% User Name: ANorris Interval - Start Time: 9/7/2016 10:00:00 PM Stop Time: 9/15/2016 1:45:00 PM
9/22/2016 10:58 Log Download - Used Battery: 11% Used Memory: 25% User Name: ANorris Interval - Start Time: 9/22/2016 11:45:00 AM
10/1/2016 9:57 Log Download - Used Battery: 12% Used Memory: 26% User Name: ANorris Interval - Start Time: 9/21/2016 10:00:00 PM Stop Time: 10/1/2016 10:45:00 AM
10/7/2016 16:10 Log Download - Used Battery: 12% Used Memory: 26% User Name: SKuiper Interval - Start Time: 9/28/2016 10:00:00 PM Stop Time: 10/7/2016 4:45:00 PM
10/13/2016 15:34 Log Download - Used Battery: 12% Used Memory: 26% User Name: SKuiper Interval - Start Time: 10/5/2016 10:00:00 PM Stop Time: 10/13/2016 4:15:00 PM
10/20/2016 15:02 Log Download - Used Battery: 13% Used Memory: 28% User Name: SKuiper Interval - Start Time: 10/12/2016 10:00:00 PM Stop Time: 10/20/2016 3:00:00 PM
10/27/2016 15:01 Log Download - Used Battery: 13% Used Memory: 29% User Name: SKuiper Interval - Start Time: 10/19/2016 10:00:00 PM Stop Time: 10/27/2016 3:45:00 PM
11/3/2016 14:39 Log Download - Used Battery: 13% Used Memory: 29% User Name: SKuiper Interval - Start Time: 9/30/2016 10:00:00 PM Stop Time: 11/3/2016 3:30:00 PM
11/10/2016 16:31 Log Download - Used Battery: 14% Used Memory: 31% User Name: SKuiper Interval - Start Time: 11/2/2016 10:00:00 PM Stop Time: 11/10/2016 4:30:00 PM
11/17/2016 13:57 Log Download - Used Battery: 14% Used Memory: 31% User Name: SKuiper Interval - Start Time: 11/9/2016 10:00:00 PM Stop Time: 11/17/2016 2:45:00 PM
11/24/2016 11:13 Log Download - Used Battery: 14% Used Memory: 32% User Name: SKuiper Interval - Start Time: 11/15/2016 10:00:00 PM Stop Time: 11/24/2016 11:30:00 AM
12/1/2016 16:01 Log Download - Used Battery: 15% Used Memory: 32% User Name: SKuiper Interval - Start Time: 10/31/2016 10:00:00 PM Stop Time: 12/1/2016 4:45:00 PM
12/9/2016 10:31 Log Download - Used Battery: 15% Used Memory: 34% User Name: SKuiper Interval - Start Time: 11/30/2016 10:00:00 PM Stop Time: 12/9/2016 10:30:00 AM
12/15/2016 11:57 Log Download - Used Battery: 15% Used Memory: 34% User Name: SKuiper Interval - Start Time: 12/15/2016 11:45:00 AM
12/22/2016 10:27 Log Download - Used Battery: 16% Used Memory: 35% User Name: ANorris Interval - Start Time: 12/14/2016 10:00:00 PM Stop Time: 12/22/2016 5:15:00 PM
1/5/2017 11:31 Log Download - Used Battery: 16% Used Memory: 37% User Name: SKuiper Interval - Start Time: 11/30/2016 10:00:00 PM Stop Time: 1/5/2017 12:15:00 PM
1/12/2017 15:17 Log Download - Used Battery: 17% Used Memory: 37% User Name: SKuiper Interval - Start Time: 1/4/2017 10:00:00 PM Stop Time: 1/12/2017 3:15:00 PM
1/19/2017 12:55 Log Download - Used Battery: 17% Used Memory: 39% User Name: EHernandez Interval - Start Time: 1/11/2017 10:00:00 PM Stop Time: 1/19/2017 1:45:00 PM
1/26/2017 8:31 Log Download - Used Battery: 18% Used Memory: 39% User Name: SKuiper Interval - Start Time: 1/18/2017 10:00:00 PM Stop Time: 1/26/2017 9:45:00 AM
2/2/2017 14:48 Log Download - Used Battery: 18% Used Memory: 40% User Name: WMassoll Interval - Start Time: 12/21/2016 10:00:00 PM Stop Time: 2/2/2017 2:55:00 PM
2/9/2017 12:56 Log Download - Used Battery: 18% Used Memory: 40% User Name: EHernandez Interval - Start Time: 2/1/2017 12:00:00 AM Stop Time: 2/9/2017 1:45:00 PM
2/16/2017 10:33 Log Download - Used Battery: 19% Used Memory: 42% User Name: WMassoll Interval - Start Time: 2/8/2017 10:00:00 PM Stop Time: 2/16/2017 10:47:00 AM
2/23/2017 11:25 Log Download - Used Battery: 19% Used Memory: 42% User Name: EHernandez Interval - Start Time: 2/15/2017 12:00:00 AM Stop Time: 2/23/2017 12:15:00 PM
3/2/2017 15:12 Log Download - Used Battery: 19% Used Memory: 43% User Name: SKuiper Interval - Start Time: 1/31/2017 10:00:00 PM Stop Time: 3/2/2017 4:00:00 PM
3/9/2017 10:37 Log Download - Used Battery: 20% Used Memory: 43% User Name: WMassoll Interval - Start Time: 3/1/2017 11:30:00 PM Stop Time: 3/9/2017 11:00:00 AM
3/16/2017 14:08 Log Download - Used Battery: 20% Used Memory: 45% User Name: WMassoll Interval - Start Time: 3/16/2017 3:00:00 PM
3/23/2017 12:04 Log Download - Used Battery: 20% Used Memory: 46% User Name: AVanHaitsma Interval - Start Time: 3/15/2017 10:00:00 PM Stop Time: 3/23/2017 1:30:00 PM
3/30/2017 9:49 Log Download - Used Battery: 21% Used Memory: 46% User Name: AVanHaitsma Interval - Start Time: 3/22/2017 10:00:00 PM Stop Time: 3/30/2017 10:45:00 AM
4/6/2017 10:58 Log Download - Used Battery: 21% Used Memory: 48% User Name: WMassoll Interval - Start Time: 2/28/2017 1:00:00 PM Stop Time: 4/1/2017 7:00:00 AM
4/6/2017 11:24 Log Download - Used Battery: 21% Used Memory: 48% User Name: WMassoll Interval - Start Time: 2/28/2017 1:00:00 PM Stop Time: 4/6/2017 12:00:00 PM
4/13/2017 9:42 Log Download - Used Battery: 22% Used Memory: 48% User Name: WMassoll Interval - Start Time: 4/5/2017 12:00:00 PM Stop Time: 4/13/2017 9:00:00 AM
5/19/2017 8:52 User Note: "Pressure & Level adjusted by baro data from: "MPWSP Barotroll_2017-05-18-53-25-090.wsl"

Log Data:
Record Count 741

Sensors
2
1 441205 PCTD 300 PSIA (200.7m/658.7ft)
2 0 Baro-Adjustment Calc

Time Zone: Pacific Daylight Time

		Sensor: PCTD(A) 658.7ft SNR: 441205		Sensor: PCTD(A) 658.7ft SNR: 441205		Sensor: PCTD(A) 658.7ft SNR: 441205		Sensor: PCTD(A) 658.7ft SNR: 441205		Sensor: PCTD(A) 658.7ft SNR: 441205		Sensor: PCTD(A) 658.7ft SNR: 441205		Sensor: PCTD(A) 658.7ft SNR: 441205		Sensor: PCTD(A) 658.7ft SNR: 441205		Sensor: Baro-Adj Calc SNR: 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)								
5/11/2017 0:00	7200	117.006		19.231	266.693	34007.031	38217.883	24.507	25.988	29.406	1.017	14.804							
5/11/2017 0:15	8100	117.008		19.231	266.698	34010.484	38221.977	24.51	25.991	29.403	1.017	14.8							
5/11/2017 0:30	9000	116.996		19.232	266.67	34007.234	38217.895	24.507	25.988	29.406	1.017	14.805							
5/11/2017 0:45	9900	117.01		19.232	266.701	34004.586	38214.559	24.505	25.986	29.408	1.017	14.808							
5/11/2017 1:00	10800	117.01		19.231	266.702	33993.668	38203.219	24.497	25.978	29.417	1.017	14.804							
5/11/2017 1:15	11700	116.996		19.232	266.669	33981.531	38188.863	24.486	25.968	29.428	1.017	14.806							
5/11/2017 1:30	12600	117.011		19.231	266.705	34016.492	38228.516	24.515	25.995	29.398	1.017	14.803							
5/11/2017 1:45	13500	116.999		19.231	266.677	34007.59	38219.02	24.508	25.989	29.405	1.017	14.802							
5/11/2017 2:00	14400	116.995		19.231	266.668	34030.98	38245.012	24.526	26.007	29.385	1.017	14.803							
5/11/2017 2:15	15300	116.987		19.232	266.65	34030.672	38244.16	24.526	26.006	29.385	1.017	14.797							
5/11/2017 2:30	16200	116.967		19.232	266.603	33992.191	38201.125	24.495	25.977	29.419	1.017	14.8							
5/11/2017 2:45	17100	116.977		19.232	266.626	33997.957	38207.109	24.499	25.981	29.414	1.017	14.804							
5/11/2017 3:00	18000	116.97		19.232	266.61	33999.379	38208.777	24.501	25.982	29.412	1.017	14.801							
5/11/2017 3:15	18900	116.968		19.232	266.605	34002.793	38213.039	24.504	25.985	29.409	1.017	14.802							
5/11/2017 3:30	19800	116.964		19.231	266.596	33987.793	38196.328	24.492	25.974	29.422	1.017	14.799							
5/11/2017 3:45	20700	116.943		19.231	266.549	34008.063	38219.328	24.508	25.989	29.405	1.017	14.803							
5/11/2017 4:00	21600	116.934		19.231	266.529	34003.988	38215.031	24.505	25.986	29.408	1.017	14.802							
5/11/2017 4:15	22500	116.931		19.231	266.521	33983.207	38191.32	24.488	25.97	29.426	1.017	14.801							
5/11/2017 4:30	23400	116.919		19.232	266.495	33993.66	38202.105	24.496	25.977	29.417	1.017	14.807							
5/11/2017 4:45	24300	116.908		19.231	266.47	33994.164	38203.93	24.497	25.979	29.417	1.017	14.805							
5/11/2017 5:00	25200	116.895		19.232	266.439	33997.711	38206.758	24.499	25.981	29.414	1.017	14.802							
5/11/2017 5:15	26100	116.891		19.231	266.431	34000.148	38210.148	24.502	25.983	29.412	1.017	14.8							
5/11/2017 5:30	27000	116.87		19.232	266.383	34001.996	38211.719	24.503	25.984	29.41	1.017	14.805							
5/11/2017 5:45	27900	116.874		19.232	266.393	33997.615	38182.746	24.482	25.964	29.432	1.017	14.802							
5/11/2017 6:00	28800	116.865		19.231	266.326	33995.156	38204.672	24.498	25.979	29.416	1.017	14.807							
5/11/2017 6:15	29700	116.837		19.232	266.308	33976.32	38183.156	24.482	25.965	29.432	1.017	14.814							
5/11/2017 6:30	30600	116.834		19.231	266.301	33983.348	38191.555	24.488	25.97	29.426	1.017	14.815							
5/11/2017 6:45	31500	116.826		19.232	266.283	33996.809	38206.105	24.499	25.98	29.415	1.017	14.815							
5/11/2017 7:00	32400	116.813		19.232	266.253	34006.473	38217.172	24.507	25.988	29.406	1.017	14.814							
5/11/2017 7:15	33300	116.797		19.231	266.217	33981.043	38188.891	24.486	25.968	29.428	1.017	14.815							
5/11/2017 7:30	34200	116.792		19.232	266.205	34008.172	38218.075	24.508	25.989	29.405	1.017	14.809							
5/11/2017 7:45	35100	116.785		19.231	266.188	33997.344	38207.133	24.499	25.981	29.414	1.017	14.812							
5/11/2017 8:00	36000	116.782		19.231	266.181	33980.344	38188.027	24.486	25.968	29.429	1.017	14.817							
5/11/2017 8:15	36900	116.77		19.232	266.155	33995.828	38205.211	24.498	25.98	29.422	1.017	14.822							
5/11/2017 8:30	37800	116.778		19.231	266.173	33995.051	38204.484	24.498	25.979	29.416	1.017	14.814							
5/11/2017 8:45	38700	116.774		19.232	266.164	34003.09	38213.238	24.504	25.985	29.409	1.017	14.816							
5/11/2017 9:00	39600	116.772		19.232	266.16	33993.711	38202.406	24.496	25.978	29.417	1.017	14.81							
5/11/2017 9:15	40500	116.77		19.231	266.155	34009.742	38221.215	24.509	25.99	29.403	1.017	14.815							
5/11/2017 9:30	41400	116.761		19.232	266.133	33989.336	38197.488	24.493	25.974	29.421	1.017	14.814							
5/11/2017 9:45	42300	116.759		19.232	266.131	33989.949	38198.605	24.493	25.975	29.42	1.017	14.817							
5/11/2017 10:00	43200	116.769		19.232	266.152	33982	38189.246	24.487	25.969	29.427	1.017	14.817							
5/11/2017 10:15	44100	116.76		19.231	266.131	34000.48	38210.656	24.502	25.983	29.411	1.017	14.816							
5/11/2017 10:30	45000	116.757		19.232	266.158	34002.676	38212.414	24.503	25.984	29.409	1.017	14.817							
5/11/2017 10:45	45900	116.77		19.232	266.155	33999.059	38208.559	24.5	25.982	29.413	1.017	14.812							
5/11/2017 11:00	46800	116.788		19.232	266.196	34007.156	38217.309	24.507	25.988	29.406	1.017	14.809							
5/11/2017 11:15	47700	116.775		19.232	266.165	34001.262	38211.254	24.502	25.984	29.411	1.017	14.815							
5/11/2017 11:30	48600	116.781		19.232	266.18	34008.148	38218.563	24.508	25.989	29.405	1.017	14.816							
5/11/2017 11:45	49500	116.778		19.232	266.174	33972.961	38179.23	24.48	25.962	29.435	1.017	14.822							
5/11/2017 12:00	50400	116.798		19.233	266.239	33977.539	38183.449	24.483	25.965	29.431	1.017	14.812							
5/11/2017 12:15	51300	116.796		19.231	266.214	33971.82	38178.379	24.479	25.961	29.436	1.017	14.814							
5/11/2017 12:30	52200	116.787		19.232	266.193	33980.652	38188.023	24.486	25.968	29.429	1.017	14.821							
5/11/2017 12:45	53100	116.807		19.232	266.24	33988.27	38196.223	24.492	25.973	29.422	1.017	14.817							
5/11/2017 13:00	54000	116.802		19.232	266.227	33995.172	38204.121	24.497	25.979	29.416	1.017	14.817							
5/11/2017 13:15	54900	116.798		19.232	266.219	34000.973	38210.566	24.502	25.983	29.417	1.017	14.814							
5/11/2017 13:30	55800	116.806		19.232	266.237	33970.367	38176.598	24.478	25.96	29.437	1.017	14.817							
5/11/2017 13:45	56700	116.81		19.232	266.246	33988.949	38208.012	24.5	25.981	29.413	1.017	14.813							
5/11/2017 14:00	57600	116.813		19.232	266.252	34001.918	38211.703	24.503	25.984	29.41	1.017	14.817							
5/11/2017 14:15	58500	116.828		19.231	266.287	33993.051	38202.383	24.496	25.978	29.418	1.017	14.807							
5/11/2017 14:30	59400	116.815		19.232	266.259	34011.074	38221.852	24.51	25.991	29.402	1.017	14.811							
5/11/2017 14:45	60300	116.81		19.232	266.245	33999.582	38209.223	24.501	25.982	29.412	1.017	14.815							
5/11/2017 15:00	61200	116.814		19.232	266.255	34017.555	38229.422	24.515	25.996	29.397	1.017	14.814							
5/11/2017 15:15	62100	116.809		19.232	266.244	34030.98	38243.727	24.525	26.006	29.385	1.017	14.805							
5/11/2017 15:30	63000	116.803		19.232	266.229	34033.617	38247.254	24.528	26.008	29.383	1.017	14.809							
5/11/2017 15:45	63900	116.81		19.231	266.246	34011.75	38223.473	24.511	25.992	29.402	1.017	14.807							
5/11/2017 16:00	64800	116.811		19.232	266.248	34007.148	38217.363	24.507	25.988	29.406	1.017	14.806							

5/11/2017 16:15	65700	116.811	19231	266.248	34011.859	38223.816	24.511	25.992	29.402	1.017	14.808
5/11/2017 16:30	66600	116.804	19231	266.231	33992.934	38202.469	24.496	25.978	29.418	1.017	14.801
5/11/2017 16:45	67500	116.811	19232	266.248	34017.836	38229.371	24.515	25.996	29.396	1.017	14.798
5/11/2017 17:00	68400	116.809	19232	266.243	34007.289	38217.664	24.507	25.988	29.405	1.017	14.801
5/11/2017 17:15	69300	116.807	19231	266.239	33992.066	38201.133	24.495	25.977	29.419	1.017	14.797
5/11/2017 17:30	70200	116.795	19232	266.213	34009.514	38200.947	24.509	25.99	29.403	1.017	14.803
5/11/2017 17:45	71100	116.791	19231	266.2	33998.214	38208.68	24.5	25.982	29.413	1.017	14.802
5/11/2017 18:00	72000	116.805	19232	266.236	33994.602	38203.34	24.497	25.978	29.416	1.017	14.809
5/11/2017 18:15	72900	116.795	19232	266.211	33995.844	38204.945	24.498	25.979	29.415	1.017	14.797
5/11/2017 18:30	73800	116.799	19232	266.22	34011.285	38222.375	24.51	25.991	29.402	1.017	14.801
5/11/2017 18:45	74700	116.786	19231	266.191	33994.625	38204.297	24.497	25.979	29.416	1.017	14.802
5/11/2017 19:00	75600	116.792	19231	266.206	33996.063	38205.844	24.498	25.98	29.415	1.017	14.797
5/11/2017 19:15	76500	116.791	19232	266.203	34006.752	38217.5	24.507	25.988	29.406	1.017	14.799
5/11/2017 19:30	77400	116.791	19232	266.203	34003.32	38213.348	24.504	25.985	29.409	1.017	14.801
5/11/2017 19:45	78300	116.79	19232	266.201	34002.781	38212.316	24.503	25.984	29.409	1.017	14.798
5/11/2017 20:00	79200	116.797	19231	266.216	34011.25	38222.691	24.51	25.991	29.402	1.017	14.799
5/11/2017 20:15	80100	116.801	19231	266.226	34007.711	38218.715	24.508	25.989	29.405	1.017	14.803
5/11/2017 20:30	81000	116.793	19232	266.208	34020.758	38232.945	24.518	25.998	29.394	1.017	14.804
5/11/2017 20:45	81900	116.791	19232	266.203	34016.083	38227.82	24.514	25.995	29.398	1.017	14.801
5/11/2017 21:00	82800	116.8	19231	266.222	33995.738	38205.547	24.498	25.98	29.415	1.017	14.801
5/11/2017 21:15	83700	116.804	19232	266.233	34008.66	38219.207	24.508	25.989	29.404	1.017	14.805
5/11/2017 21:30	84600	116.804	19232	266.233	34008.973	38219.277	24.508	25.989	29.404	1.017	14.802
5/11/2017 21:45	85500	116.811	19232	266.248	33996.254	38205.48	24.498	25.98	29.415	1.017	14.806
5/11/2017 22:00	86400	116.817	19232	266.262	34010.516	38221.367	24.509	25.991	29.403	1.017	14.802
5/11/2017 22:15	87300	116.821	19232	266.27	34029.762	38243.211	24.525	26.005	29.386	1.017	14.805
5/11/2017 22:30	88200	116.829	19232	266.289	34019.898	38232.262	24.517	25.998	29.395	1.017	14.801
5/11/2017 22:45	89100	116.85	19232	266.338	33995.918	38205.18	24.498	25.98	29.415	1.017	14.795
5/11/2017 23:00	90000	116.84	19232	266.316	34016.844	38228.043	24.514	25.995	29.397	1.017	14.802
5/11/2017 23:15	90900	116.835	19232	266.303	34023.094	38235.789	24.52	26	29.392	1.017	14.808
5/11/2017 23:30	91800	116.853	19232	266.343	34002.574	38212.441	24.503	25.984	29.41	1.017	14.8
5/11/2017 23:45	92700	116.851	19231	266.34	34019.262	38231.84	24.517	25.998	29.395	1.017	14.805
5/12/2017 0:00	93600	116.856	19232	266.352	34004.141	38214.418	24.505	25.986	29.408	1.017	14.8
5/12/2017 0:15	94500	116.855	19232	266.35	34017.836	38229.879	24.516	25.996	29.396	1.017	14.804
5/12/2017 0:30	95400	116.867	19232	266.376	34023.816	38236.094	24.52	26.001	29.391	1.017	14.802
5/12/2017 0:45	96300	116.87	19232	266.383	34019.531	38231.066	24.516	25.997	29.395	1.017	14.801
5/12/2017 1:00	97200	116.875	19232	266.394	34015.738	38227.094	24.514	25.994	29.398	1.017	14.797
5/12/2017 1:15	98100	116.865	19232	266.372	34017.43	38229.137	24.515	25.996	29.397	1.017	14.807
5/12/2017 1:30	99000	116.873	19232	266.391	34004.848	38214.852	24.505	25.986	29.408	1.017	14.802
5/12/2017 1:45	99900	116.854	19232	266.345	34008.359	38218.512	24.507	25.989	29.405	1.017	14.813
5/12/2017 2:00	100800	116.868	19232	266.378	34026.695	38239.617	24.522	26.003	29.389	1.017	14.798
5/12/2017 2:15	101700	116.894	19231	266.438	34016.02	38228.051	24.514	25.995	29.398	1.017	14.802
5/12/2017 2:30	102600	116.863	19232	266.368	34018.145	38230.289	24.516	25.997	29.396	1.017	14.802
5/12/2017 2:45	103500	116.862	19232	266.345	34007.635	38217.945	24.507	25.988	29.407	1.017	14.806
5/12/2017 3:00	104400	116.844	19232	266.323	34009.984	38220.625	24.509	25.99	29.403	1.017	14.807
5/12/2017 3:15	105300	116.833	19232	266.298	34019.598	38231.789	24.517	25.998	29.395	1.017	14.81
5/12/2017 3:30	106200	116.849	19232	266.334	34011.176	38222.25	24.51	25.991	29.402	1.017	14.797
5/12/2017 3:45	107100	116.828	19232	266.286	33990.188	38198.301	24.493	25.975	29.42	1.017	14.801
5/12/2017 4:00	108000	116.819	19232	266.266	34022.727	38234.656	24.519	26	29.392	1.017	14.806
5/12/2017 4:15	108900	116.81	19232	266.246	33997.535	38207.129	24.499	25.981	29.414	1.017	14.814
5/12/2017 4:30	109800	116.793	19232	266.208	34011.488	38222.602	24.51	25.991	29.402	1.017	14.811
5/12/2017 4:45	110700	116.787	19232	266.193	33998.648	38208.172	24.5	25.982	29.413	1.017	14.809
5/12/2017 5:00	111600	116.782	19232	266.182	33993.973	38203.125	24.497	25.978	29.417	1.017	14.806
5/12/2017 5:15	112500	116.764	19232	266.141	34009.105	38220.066	24.509	25.99	29.404	1.017	14.81
5/12/2017 5:30	113400	116.764	19232	266.142	33982.504	38189.668	24.487	25.969	29.427	1.017	14.812
5/12/2017 5:45	114300	116.749	19231	266.107	33996.418	38206.387	24.499	25.98	29.415	1.017	14.811
5/12/2017 6:00	115200	116.747	19232	266.103	34025.983	38238.922	24.522	26.002	29.389	1.017	14.81
5/12/2017 6:15	116100	116.725	19231	266.052	33992.457	38201.57	24.495	25.977	29.418	1.017	14.817
5/12/2017 6:30	117000	116.709	19231	266.017	34000.508	38211.059	24.502	25.984	29.411	1.017	14.814
5/12/2017 6:45	117900	116.7	19232	265.996	34018.957	38230.922	24.516	25.997	29.395	1.017	14.817
5/12/2017 7:00	118800	116.698	19231	265.991	33994.324	38204.238	24.497	25.979	29.417	1.017	14.817
5/12/2017 7:15	119700	116.69	19231	265.973	33996.676	38206.313	24.499	25.98	29.415	1.017	14.815
5/12/2017 7:30	120600	116.682	19231	265.954	34003.926	38215.527	24.505	25.986	29.408	1.017	14.806
5/12/2017 7:45	121500	116.67	19232	265.926	33987.957	38196.23	24.492	25.973	29.422	1.017	14.818
5/12/2017 8:00	122400	116.667	19232	265.921	34006.531	38217.176	24.507	25.988	29.406	1.017	14.819
5/12/2017 8:15	123300	116.655	19232	265.893	33986.176	38194.082	24.49	25.972	29.424	1.017	14.815
5/12/2017 8:30	124200	116.654	19231	265.89	34007.652	38219.148	24.508	25.989	29.405	1.017	14.82
5/12/2017 8:45	125100	116.647	19232	265.874	34011.152	38222.227	24.51	25.991	29.402	1.017	14.815
5/12/2017 9:00	126000	116.639	19232	265.856	33995.936	38204.75	24.498	25.979	29.415	1.017	14.816
5/12/2017 9:15	126900	116.637	19232	265.851	34003.988	38214.25	24.504	25.986	29.408	1.017	14.813
5/12/2017 9:30	127800	116.632	19232	265.84	34010.516	38221.223	24.509	25.99	29.403	1.017	14.818
5/12/2017 9:45	128700	116.633	19231	265.842	33967.52	38173.691	24.476	25.958	29.44	1.017	14.812
5/12/2017 10:00	129600	116.637	19232	265.852	34015.855	38227.438	24.514	25.995	29.398	1.017	14.815
5/12/2017 10:15	130500	116.631	19232	265.838	34011.328	38222.137	24.51	25.991	29.402	1.017	14.816
5/12/2017 10:30	131400	116.637	19232	265.852	34022.156	38212.188	24.503	25.984	29.41	1.017	14.814
5/12/2017 10:45	132300	116.636	19231	265.849	34004.871	38215.523	24.505	25.987	29.408	1.017	14.816
5/12/2017 11:00	133200	116.634	19232	265.845	34007.992	38218.816	24.508	25.989	29.405	1.017	14.817
5/12/2017 11:15	134100	116.645	19232	265.87	33993.82	38202.383	24.496	25.978	29.417	1.017	14.812
5/12/2017 11:30	135000	116.635	19232	265.846	34004.762	38214.898	24.505	25.986	29.408	1.017	14.815
5/12/2017 11:45	135900	116.648	19231	265.877	34016.059	38228.164	24.514	25.995	29.398	1.017	14.812
5/12/2017 12:00	136800	116.659	19232	265.902	33999.289	38208.002	24.501	25.982	29.412	1.017	14.808
5/12/2017 12:15	137700	116.661	19232	265.907	34018.207	38229.578	24.515	25.996	29.396	1.017	14.811
5/12/2017 12:30	138600	116.666	19233	265.918	34008.715	38218.84	24.508	25.989	29.404	1.017	14.805
5/12/2017 12:45	139500	116.668	19232	265.921	33999.625	38208.984	24.501	25.982	29.412	1.017	

5/13/2017 21:00	255600	116.719	19.233	266.039	34018.477	38229.813	24.516	25.996	29.396	1.017	14.724
5/13/2017 21:15	256500	116.723	19.232	266.049	34010.645	38221.23	24.509	25.99	29.403	1.017	14.726
5/13/2017 21:30	257400	116.715	19.232	266.028	34022.941	38235.047	24.519	26	29.392	1.017	14.733
5/13/2017 21:45	258300	116.724	19.232	266.049	34020.898	38232.68	24.518	25.998	29.394	1.017	14.73
5/13/2017 22:00	259200	116.734	19.232	266.074	34035.82	38249.523	24.529	26.01	29.381	1.017	14.729
5/13/2017 22:15	260100	116.73	19.233	266.065	34005.902	38215.543	24.505	25.987	29.407	1.017	14.73
5/13/2017 22:30	261000	116.737	19.232	266.08	34016.195	38217.527	24.514	25.995	29.398	1.017	14.738
5/13/2017 22:45	261900	116.735	19.232	266.074	34033.926	38247.531	24.528	26.008	29.382	1.017	14.732
5/13/2017 23:00	262800	116.742	19.233	266.091	34031.418	38244.141	24.526	26.006	29.385	1.017	14.732
5/13/2017 23:15	263700	116.751	19.232	266.11	34022.398	38234.938	24.519	26	29.392	1.017	14.73
5/13/2017 23:30	264600	116.744	19.233	266.096	34023.547	38235.152	24.519	26	29.391	1.017	14.732
5/13/2017 23:45	265500	116.748	19.233	266.104	34017.586	38251.215	24.531	26.011	29.379	1.017	14.731
5/14/2017 0:00	266400	116.754	19.233	266.119	34038.653	38252.242	24.531	26.007	29.382	1.017	14.73
5/14/2017 0:15	267300	116.765	19.233	266.142	34035.469	38248.621	24.529	26.009	29.381	1.017	14.719
5/14/2017 0:30	268200	116.757	19.233	266.124	34028.707	38241.309	24.524	26.004	29.387	1.017	14.729
5/14/2017 0:45	269100	116.767	19.233	266.149	34011.234	38221.535	24.51	25.991	29.402	1.017	14.725
5/14/2017 1:00	270000	116.764	19.232	266.141	34019.906	38231.488	24.517	25.997	29.395	1.017	14.727
5/14/2017 1:15	270900	116.765	19.232	266.143	34033.418	38246.672	24.527	26.008	29.383	1.017	14.718
5/14/2017 1:30	271800	116.757	19.233	266.149	34023.59	38235.059	24.519	26	29.39	1.017	14.718
5/14/2017 1:45	272700	116.776	19.233	266.169	34033.695	38246.844	24.528	26.008	29.383	1.017	14.716
5/14/2017 2:00	273600	116.771	19.232	266.156	34019.094	38230.934	24.516	25.997	29.395	1.017	14.723
5/14/2017 2:15	274500	116.779	19.233	266.175	34024.195	38235.949	24.52	26	29.391	1.017	14.721
5/14/2017 2:30	275400	116.77	19.233	266.155	34021.031	38232.547	24.517	25.998	29.394	1.017	14.716
5/14/2017 2:45	276300	116.782	19.232	266.183	34023.633	38235.676	24.52	26	29.391	1.017	14.717
5/14/2017 3:00	277200	116.773	19.233	266.159	34024.691	38236.227	24.52	25.991	29.39	1.017	14.709
5/14/2017 3:15	278100	116.758	19.233	266.127	34026.496	38238.102	24.521	26.002	29.389	1.017	14.713
5/14/2017 3:30	279000	116.771	19.233	266.156	34023.855	38235.785	24.52	26	29.391	1.017	14.711
5/14/2017 3:45	279900	116.762	19.232	266.137	34033.586	38247.293	24.528	26.008	29.383	1.017	14.716
5/14/2017 4:00	280800	116.749	19.233	266.107	34012.867	38223.082	24.511	25.992	29.401	1.017	14.716
5/14/2017 4:15	281700	116.743	19.232	266.094	33997.801	38206.855	24.499	25.981	29.414	1.017	14.713
5/14/2017 4:30	282600	116.752	19.232	266.114	34025.711	38238.012	24.521	26.002	29.39	1.017	14.708
5/14/2017 4:45	283500	116.739	19.232	266.084	34020.824	38232.52	24.517	25.998	29.394	1.017	14.711
5/14/2017 5:00	284400	116.736	19.232	266.077	34024.551	38236.996	24.521	26.001	29.391	1.017	14.711
5/14/2017 5:15	285300	116.73	19.233	266.064	34035.852	38249.266	24.529	26.01	29.381	1.017	14.708
5/14/2017 5:30	286200	116.721	19.232	266.043	34024.68	38237.004	24.521	26.001	29.39	1.017	14.703
5/14/2017 5:45	287100	116.713	19.232	266.024	34027.07	38239.969	24.523	26.003	29.388	1.017	14.701
5/14/2017 6:00	288000	116.695	19.233	265.984	34013.348	38246.168	24.527	26.004	29.383	1.017	14.703
5/14/2017 6:15	288900	116.692	19.232	265.977	34011.633	38211.527	24.503	25.984	29.41	1.017	14.707
5/14/2017 6:30	289800	116.672	19.232	265.93	34022.961	38234.918	24.519	26	29.392	1.017	14.712
5/14/2017 6:45	290700	116.664	19.232	265.913	33992.887	38201.555	24.495	25.977	29.418	1.017	14.713
5/14/2017 7:00	291600	116.656	19.232	265.896	33998.773	38208.457	24.5	25.982	29.413	1.017	14.709
5/14/2017 7:15	292500	116.651	19.232	265.885	34023.59	38235.777	24.52	26	29.391	1.017	14.708
5/14/2017 7:30	293400	116.628	19.232	265.832	34002.402	38212.465	24.503	25.984	29.41	1.017	14.704
5/14/2017 7:45	294300	116.631	19.231	265.839	34016.113	38228.227	24.514	25.995	29.398	1.017	14.712
5/14/2017 8:00	295200	116.604	19.232	265.776	34012.355	38223	24.511	25.992	29.401	1.017	14.711
5/14/2017 8:15	296100	116.597	19.232	265.761	34006.07	38216.016	24.506	25.987	29.407	1.017	14.718
5/14/2017 8:30	297000	116.6	19.232	265.768	34019.945	38232.25	24.517	25.998	29.395	1.017	14.712
5/14/2017 8:45	297900	116.58	19.232	265.722	34000.238	38209.598	24.501	25.983	29.412	1.017	14.717
5/14/2017 9:00	298800	116.585	19.232	265.734	34025.711	38238.234	24.521	26.002	29.389	1.017	14.713
5/14/2017 9:15	299700	116.578	19.233	265.717	34002.34	38211.605	24.503	25.984	29.41	1.017	14.717
5/14/2017 9:30	300600	116.557	19.232	265.67	34009.781	38220.32	24.509	25.99	29.403	1.017	14.719
5/14/2017 9:45	301500	116.554	19.232	265.662	33998.469	38207.473	24.5	25.981	29.413	1.017	14.719
5/14/2017 10:00	302400	116.55	19.232	265.655	34019.645	38231.191	24.516	25.997	29.395	1.017	14.718
5/14/2017 10:15	303300	116.554	19.231	265.662	34005.668	38216.418	24.506	25.987	29.407	1.017	14.713
5/14/2017 10:30	304200	116.557	19.232	265.669	34023.625	38236.098	24.52	26.001	29.391	1.017	14.709
5/14/2017 10:45	305100	116.539	19.233	265.629	34023.555	38213.109	24.504	25.985	29.409	1.017	14.705
5/14/2017 11:00	306000	116.537	19.232	265.624	34015.988	38227.371	24.514	25.995	29.398	1.017	14.723
5/14/2017 11:15	306900	116.538	19.232	265.626	34022.266	38234.859	24.519	26	29.393	1.017	14.716
5/14/2017 11:30	307800	116.546	19.232	265.644	34009.914	38220.469	24.509	25.99	29.403	1.017	14.714
5/14/2017 11:45	308700	116.545	19.233	265.641	34016.875	38228.012	24.514	25.995	29.397	1.017	14.715
5/14/2017 12:00	309600	116.541	19.233	265.633	34010.785	38221.098	24.509	25.99	29.402	1.017	14.719
5/14/2017 12:15	310500	116.536	19.233	265.621	34013.395	38223.742	24.511	25.992	29.4	1.017	14.712
5/14/2017 12:30	311400	116.537	19.233	265.625	34021.309	38232.637	24.518	25.998	29.393	1.017	14.723
5/14/2017 12:45	312300	116.539	19.233	265.628	34011.402	38221.793	24.51	25.991	29.402	1.017	14.726
5/14/2017 13:00	313200	116.55	19.233	265.654	34007.035	38216.883	24.506	25.987	29.406	1.017	14.725
5/14/2017 13:15	314100	116.547	19.233	265.646	34030.086	38242.289	24.524	26.005	29.386	1.017	14.722
5/14/2017 13:30	315000	116.55	19.233	265.654	34013.227	38223.84	24.511	25.992	29.4	1.017	14.722
5/14/2017 13:45	315900	116.556	19.233	265.666	34003.293	38212.766	24.503	25.985	29.409	1.017	14.708
5/14/2017 14:00	316800	116.554	19.233	265.663	34027.508	38239.461	24.522	26.003	29.388	1.017	14.724
5/14/2017 14:15	317700	116.555	19.233	265.664	34003.922	38213.32	24.504	25.985	29.408	1.017	14.723
5/14/2017 14:30	318600	116.56	19.232	265.677	34003.367	38213.051	24.504	25.985	29.409	1.017	14.726
5/14/2017 14:45	319500	116.576	19.233	265.713	33991.59	38199.461	24.494	25.976	29.419	1.017	14.721
5/14/2017 15:00	320400	116.57	19.232	265.698	34005.008	38214.895	24.505	25.986	29.407	1.017	14.718
5/14/2017 15:15	321300	116.584	19.233	265.73	34012.332	38222.678	24.51	25.991	29.403	1.017	14.713
5/14/2017 15:30	322200	116.58	19.232	265.723	34007.141	38217.293	24.507	25.988	29.406	1.017	14.715
5/14/2017 15:45	323100	116.575	19.233	265.711	34002.555	38211.633	24.503	25.984	29.41	1.017	14.716
5/14/2017 16:00	324000	116.584	19.232	265.732	34041.258	38255.84	24.534	26.014	29.376	1.017	14.714
5/14/2017 16:15	324900	116.579	19.233	265.719	34021.91	38233.535	24.518	25.999	29.393	1.017	14.71
5/14/2017 16:30	325800	116.586	19.232	265.735	33993.344	38201.637	24.496	25.977	29.418	1.017	14.711
5/14/2017 16:45	326700	116.594	19.232	265.737	34025.212	38231.234	24.524	26.004	29.387	1.017	14.707
5/14/2017 17:00	327600	116.59	19.232	265.744	34023.352	38235.359	24.519	26	29.392	1.017	14.707
5/14/2017 17:15	328500	116.589	19.232	265.742	33993.617	38201.941	24.496	25.977	29.417	1.017	14.706
5/14/2017 17:30	329400	116.599	19.232								

5/16/2017 1:45	445500	116.801	19.233	266.226	34029.055	38241.563	24.524	26.004	29.387	1.017	14.746
5/16/2017 2:00	446400	116.788	19.233	266.196	34049.633	38264.754	24.54	26.02	29.369	1.017	14.752
5/16/2017 2:15	447300	116.81	19.233	266.247	34049.461	38264.418	24.54	26.02	29.369	1.017	14.745
5/16/2017 2:30	448200	116.797	19.233	266.216	34043.32	38257.305	24.535	26.015	29.374	1.017	14.749
5/16/2017 2:45	449100	116.799	19.233	266.221	34038.137	38251.48	24.531	26.011	29.379	1.017	14.747
5/16/2017 3:00	450000	116.800	19.234	266.232	34032.462	38244.445	24.526	26.006	29.384	1.017	14.743
5/16/2017 3:15	450900	116.808	19.233	266.241	34044.926	38259.398	24.537	26.016	29.373	1.017	14.751
5/16/2017 3:30	451800	116.8	19.233	266.224	34061.969	38278.332	24.55	26.029	29.358	1.017	14.749
5/16/2017 3:45	452700	116.808	19.233	266.241	34044.27	38258.66	24.536	26.016	29.374	1.017	14.742
5/16/2017 4:00	453600	116.804	19.232	266.232	34046.547	38261.426	24.538	26.018	29.372	1.017	14.751
5/16/2017 4:15	454500	116.808	19.233	266.241	34036.641	38250.012	24.53	26.01	29.38	1.017	14.744
5/16/2017 4:30	455400	116.804	19.233	266.231	34022.578	38233.852	24.518	25.999	29.392	1.017	14.749
5/16/2017 4:45	456300	116.806	19.232	266.237	34043.23	38257.848	24.535	26.015	29.374	1.017	14.749
5/16/2017 5:00	457200	116.787	19.232	266.194	34035.457	38249.32	24.529	26.01	29.381	1.017	14.75
5/16/2017 5:15	458100	116.776	19.232	266.168	34027.25	38239.738	24.523	26.003	29.388	1.017	14.754
5/16/2017 5:30	459000	116.778	19.233	266.173	34041.891	38255.555	24.534	26.014	29.376	1.017	14.751
5/16/2017 5:45	459900	116.781	19.233	266.179	34032.48	38245.047	24.526	26.007	29.384	1.017	14.749
5/16/2017 6:00	460800	116.782	19.233	266.183	34048.035	38262.461	24.539	26.018	29.37	1.017	14.747
5/16/2017 6:15	461700	116.795	19.233	266.149	34043.211	38257.039	24.535	26.015	29.374	1.017	14.751
5/16/2017 6:30	462600	116.766	19.233	266.146	34021.625	38233.063	24.518	25.998	29.393	1.017	14.752
5/16/2017 6:45	463500	116.766	19.233	266.146	34020.391	38231.824	24.517	25.998	29.394	1.017	14.756
5/16/2017 7:00	464400	116.755	19.232	266.12	34042.156	38256.781	24.535	26.015	29.375	1.017	14.76
5/16/2017 7:15	465300	116.743	19.233	266.093	34053.391	38268.328	24.543	26.022	29.366	1.017	14.76
5/16/2017 7:30	466200	116.739	19.233	266.085	34045.645	38260.129	24.537	26.017	29.372	1.017	14.762
5/16/2017 7:45	467100	116.727	19.233	266.056	34027.188	38239.242	24.522	26.003	29.388	1.017	14.763
5/16/2017 8:00	468000	116.712	19.233	266.023	34027.195	38239.039	24.522	26.003	29.388	1.017	14.762
5/16/2017 8:15	468900	116.708	19.233	266.013	34036.582	38249.516	24.53	26.01	29.38	1.017	14.762
5/16/2017 8:30	469800	116.698	19.233	265.992	34036.332	38249.875	24.53	26.01	29.38	1.017	14.765
5/16/2017 8:45	470700	116.692	19.233	265.977	34026.625	38238.832	24.522	26.002	29.389	1.017	14.768
5/16/2017 9:00	471600	116.677	19.233	265.944	34019.031	38230.363	24.516	25.997	29.395	1.017	14.772
5/16/2017 9:15	472500	116.673	19.233	265.953	34035.781	38249.388	24.529	26.008	29.381	1.017	14.771
5/16/2017 9:30	473400	116.665	19.233	265.917	34024.43	38236	24.52	26	29.391	1.017	14.768
5/16/2017 9:45	474300	116.644	19.233	265.868	34027.508	38239.672	24.523	26.003	29.388	1.017	14.776
5/16/2017 10:00	475200	116.636	19.233	265.848	34048.402	38263.152	24.539	26.019	29.37	1.017	14.776
5/16/2017 10:15	476100	116.64	19.233	265.86	34029.113	38241.266	24.524	26.004	29.387	1.017	14.771
5/16/2017 10:30	477000	116.644	19.232	265.868	34024.789	38237.551	24.521	26.002	29.39	1.017	14.77
5/16/2017 10:45	477900	116.622	19.233	265.818	34016.998	38238.004	24.514	25.996	29.397	1.017	14.775
5/16/2017 11:00	478800	116.614	19.233	265.799	34030.629	38243.254	24.525	26.005	29.385	1.017	14.77
5/16/2017 11:15	479700	116.614	19.233	265.799	34029.23	38241.684	24.524	26.004	29.387	1.017	14.771
5/16/2017 11:30	480600	116.614	19.233	265.799	34018.734	38229.746	24.515	25.996	29.396	1.017	14.775
5/16/2017 11:45	481500	116.606	19.233	265.78	33995.543	38203.613	24.497	25.978	29.416	1.017	14.779
5/16/2017 12:00	482400	116.601	19.233	265.769	34023.676	38235.652	24.52	26	29.391	1.017	14.776
5/16/2017 12:15	483300	116.602	19.232	265.795	34021.434	38233.795	24.518	25.999	29.393	1.017	14.771
5/16/2017 12:30	484200	116.587	19.233	265.737	34055.359	38270.832	24.545	26.024	29.364	1.017	14.78
5/16/2017 12:45	485100	116.583	19.233	265.729	34003.105	38212.18	24.503	25.984	29.409	1.017	14.78
5/16/2017 13:00	486000	116.584	19.233	265.731	34022.348	38233.949	24.518	25.999	29.392	1.017	14.78
5/16/2017 13:15	486900	116.575	19.232	265.711	34033.223	38246.527	24.527	26.008	29.383	1.017	14.783
5/16/2017 13:30	487800	116.595	19.233	265.756	34020.316	38231.879	24.517	25.998	29.394	1.017	14.786
5/16/2017 13:45	488700	116.588	19.232	265.739	34029.766	38242.719	24.526	26.005	29.386	1.017	14.786
5/16/2017 14:00	489600	116.579	19.233	265.72	34034.227	38247.012	24.528	26.008	29.382	1.017	14.784
5/16/2017 14:15	490500	116.588	19.233	265.741	34019.555	38230.809	24.516	25.997	29.395	1.017	14.785
5/16/2017 14:30	491400	116.584	19.233	265.732	34027.445	38239.535	24.522	26.003	29.388	1.017	14.784
5/16/2017 14:45	492300	116.589	19.233	265.742	34029.223	38241.75	24.524	26.004	29.387	1.017	14.784
5/16/2017 15:00	493200	116.587	19.233	265.739	34018.922	38230.313	24.516	25.997	29.395	1.017	14.784
5/16/2017 15:15	494100	116.598	19.234	265.762	34018.609	38229.027	24.515	25.996	29.396	1.017	14.781
5/16/2017 15:30	495000	116.595	19.233	265.756	34028.016	38240.056	24.523	26.003	29.388	1.017	14.782
5/16/2017 15:45	495900	116.587	19.233	265.737	34036.918	38250.324	24.53	26.01	29.38	1.017	14.786
5/16/2017 16:00	496800	116.604	19.233	265.776	34049.207	38263.625	24.54	26.019	29.369	1.017	14.777
5/16/2017 16:15	497700	116.599	19.233	265.766	34031.164	38243.934	24.526	26.006	29.385	1.017	14.78
5/16/2017 16:30	498600	116.596	19.233	265.759	34028.551	38240.918	24.523	26.004	29.387	1.017	14.775
5/16/2017 16:45	499500	116.601	19.233	265.77	34055.809	38237.914	24.521	26.002	29.389	1.017	14.776
5/16/2017 17:00	500400	116.605	19.233	265.78	34024.641	38247.762	24.528	26.008	29.382	1.017	14.782
5/16/2017 17:15	501300	116.594	19.233	265.753	34022.789	38234.445	24.519	25.999	29.392	1.017	14.778
5/16/2017 17:30	502200	116.605	19.233	265.779	34021.133	38232.152	24.517	25.998	29.393	1.017	14.774
5/16/2017 17:45	503100	116.599	19.233	265.765	34014.434	38224.699	24.512	25.993	29.399	1.017	14.78
5/16/2017 18:00	504000	116.597	19.233	265.76	34023.91	38235.629	24.52	26	29.391	1.017	14.782
5/16/2017 18:15	504900	116.601	19.233	265.769	34022.605	38234.238	24.519	25.999	29.392	1.017	14.776
5/16/2017 18:30	505800	116.593	19.233	265.752	34055.147	38265.552	24.541	26.021	29.367	1.017	14.781
5/16/2017 18:45	506700	116.607	19.234	265.782	34048.527	38262.793	24.539	26.019	29.37	1.017	14.77
5/16/2017 19:00	507600	116.594	19.233	265.754	34021.512	38233.008	24.518	25.998	29.393	1.017	14.774
5/16/2017 19:15	508500	116.592	19.232	265.749	34027.316	38240.535	24.523	26.004	29.388	1.017	14.777
5/16/2017 19:30	509400	116.6	19.232	265.767	34023.871	38235.941	24.52	26	29.391	1.017	14.772
5/16/2017 19:45	510300	116.589	19.233	265.742	34030.023	38242.574	24.525	26.005	29.386	1.017	14.777
5/16/2017 20:00	511200	116.584	19.232	265.731	34025.941	38238.231	24.522	26.002	29.389	1.017	14.779
5/16/2017 20:15	512100	116.586	19.232	265.735	34039.715	38254.035	24.533	26.013	29.377	1.017	14.775
5/16/2017 20:30	513000	116.595	19.233	265.757	34047.523	38261.809	24.538	26.018	29.371	1.017	14.771
5/16/2017 20:45	513900	116.578	19.233	265.718	34036.828	38250.434	24.53	26.01	29.38	1.017	14.775
5/16/2017 21:00	514800	116.581	19.232	265.724	34046.992	38262.578	24.539	26.019	29.371	1.017	14.777
5/16/2017 21:15	515700	116.582	19.233	265.727	34034.406	38247.289	24.528	26.008	29.382	1.017	14.777
5/16/2017 21:30	516600	116.583	19.232	265.729	34040.881	38248.273	24.523	26.004	29.387	1.017	14.778
5/16/2017 21:45	517500	116.577	19.233	265.714	34022.555	38234.258	24.519	25.999	29.392	1.017	14.779
5/16/2017 22:00	518400	116.577	19.233	265.715	34031.875						

Serial_number: 1068256

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	TEMPERATURE	CONDUCTIVITY	
	5/11/2017	0:00:26	0	136.166	20.4	5409.8
	5/11/2017	0:15:26	0	136.203	20.4	5353
	5/11/2017	0:30:26	0	136.166	20.4	5436
	5/11/2017	0:45:26	0	136.18	20.4	5406.5
	5/11/2017	1:00:26	0	136.183	20.4	5391.2
	5/11/2017	1:15:26	0	136.205	20.4	5378.1
	5/11/2017	1:30:26	0	136.205	20.4	5367.2
	5/11/2017	1:45:26	0	136.188	20.4	5315.9
	5/11/2017	2:00:26	0	136.191	20.4	5329
	5/11/2017	2:15:26	0	136.153	20.4	5316.9
	5/11/2017	2:30:26	0	136.191	20.4	5359.5
	5/11/2017	2:45:26	0	136.156	20.4	5335.5
	5/11/2017	3:00:26	0	136.196	20.4	5436
	5/11/2017	3:15:26	0	136.194	20.4	5361.7
	5/11/2017	3:30:26	0	136.153	20.4	5310.4
	5/11/2017	3:45:26	0	136.166	20.4	5371.5
	5/11/2017	4:00:26	0	136.187	20.4	5438.2
	5/11/2017	4:15:26	0	136.146	20.4	5456.7
	5/11/2017	4:30:26	0	136.145	20.4	5477.5
	5/11/2017	4:45:26	0	136.182	20.4	5431.6
	5/11/2017	5:00:26	0	136.145	20.4	5488.4
	5/11/2017	5:15:26	0	136.11	20.4	5468.7
	5/11/2017	5:30:26	0	136.166	20.4	5626
	5/11/2017	5:45:26	0	136.089	20.4	5541.9
	5/11/2017	6:00:26	0	136.059	20.4	5596.5
	5/11/2017	6:15:26	0	136.132	20.4	5572.5
	5/11/2017	6:30:26	0	136.069	20.4	5686
	5/11/2017	6:45:26	0	136.088	20.4	5603.1
	5/11/2017	7:00:26	0	136.049	20.4	5707.9
	5/11/2017	7:15:26	0	136.048	20.4	5695.9
	5/11/2017	7:30:26	0	136.092	20.4	5704.6
	5/11/2017	7:45:26	0	136.066	20.4	5740.6
	5/11/2017	8:00:26	0	136.058	20.4	5817.1
	5/11/2017	8:15:26	0	136.037	20.4	5749.4
	5/11/2017	8:30:26	0	136.034	20.4	5914.3
	5/11/2017	8:45:26	0	136.016	20.4	5711.2
	5/11/2017	9:00:26	0	136.002	20.4	5804
	5/11/2017	9:15:26	0	135.979	20.4	5788.7
	5/11/2017	9:30:26	0	136.002	20.4	5704.6
	5/11/2017	9:45:26	0	136.001	20.4	5657.7
	5/11/2017	10:00:26	0	135.967	20.4	5667.5
	5/11/2017	10:15:26	0	135.983	20.4	5665.3
	5/11/2017	10:30:26	0	136.007	20.4	5670.8
	5/11/2017	10:45:26	0	135.985	20.4	5790.9
	5/11/2017	11:00:26	0	135.944	20.4	5752.7
	5/11/2017	11:15:26	0	135.962	20.4	5600.9
	5/11/2017	11:30:26	0	135.962	20.4	5657.7
	5/11/2017	11:45:26	0	135.962	20.4	5680.6
	5/11/2017	12:00:26	0	135.943	20.4	5659.8
	5/11/2017	12:15:26	0	135.94	20.4	5666.4
	5/11/2017	12:30:26	0	135.981	20.4	5626
	5/11/2017	12:45:26	0	135.963	20.4	5700.2
	5/11/2017	13:00:26	0	135.944	20.4	5580.1
	5/11/2017	13:15:26	0	135.946	20.4	5558.3
	5/11/2017	13:30:26	0	135.964	20.4	5551.7
	5/11/2017	13:45:26	0	135.925	20.4	5659.8
	5/11/2017	14:00:26	0	135.963	20.5	5614.6
	5/11/2017	14:15:26	0	135.945	20.5	5528.5
	5/11/2017	14:30:26	0	135.945	20.5	5749.8
	5/11/2017	14:45:26	0	135.927	20.5	5476.2
	5/11/2017	15:00:26	0	135.912	20.5	5491.4
	5/11/2017	15:15:26	0	135.9	20.4	5521.2
	5/11/2017	15:30:26	0	135.941	20.4	5522.2
	5/11/2017	15:45:26	0	135.961	20.4	5517.9
	5/11/2017	16:00:26	0	136.003	20.4	5482.9
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	5/11/2017	17:30:26	0	135.98	20.4	5548.5
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	5/11/2017	18:00:26	0	135.945	20.4	5582.3
	5/11/2017	18:15:26	0	135.962	20.4	5508
	5/11/2017	18:30:26	0	135.964	20.4	5663.1
	5/11/2017	18:45:26	0	135.928	20.4	5592.1
	5/11/2017	19:00:26	0	135.986	20.4	5540.8
	5/11/2017	19:15:26	0	135.965	20.4	5538.6
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	5/11/2017	19:45:26	0	135.962	20.4	5555

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5/14/2017	4:45:26	0	135.837	20.5	5278.9
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5/14/2017	11:45:26	0	135.617	20.6	5648.9
5/14/2017	12:00:26	0	135.614	20.5	5662.5
5/14/2017	12:15:26	0	135.648	20.5	5705.1
5/14/2017	12:30:26	0	135.587	20.6	5596.7
5/14/2017	12:45:26	0	135.585	20.5	5620
5/14/2017	13:00:26	0	135.646	20.6	5651.1
5/14/2017	13:15:26	0	135.609	20.6	5621.7
5/14/2017	13:30:26	0	135.605	20.6	5591.2
5/14/2017	13:45:26	0	135.6	20.6	5681.5
5/14/2017	14:00:26	0	135.624	20.6	5650
5/14/2017	14:15:26	0	135.607	20.6	5605.4
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5/14/2017	14:45:26	0	135.613	20.6	5636.9
5/14/2017	15:00:26	0	135.597	20.6	5677.2
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5/14/2017	15:45:26	0	135.613	20.6	5545.5
5/14/2017	16:00:26	0	135.612	20.6	5517.2
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5/14/2017	16:30:26	0	135.62	20.6	5567.3
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5/14/2017	17:15:26	0	135.621	20.6	5567.3
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5/14/2017	18:00:26	0	135.667	20.6	5443.3
5/14/2017	18:15:26	0	135.645	20.6	5528.1
5/14/2017	18:30:26	0	135.706	20.6	5456.3
5/14/2017	18:45:26	0	135.668	20.6	5505.3
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5/14/2017	19:15:26	0	135.653	20.6	5446.5
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5/14/2017	19:45:26	0	135.693	20.6	5553.2

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5/14/2017	20:15:26	0	135.676	20.6	5450.9
5/14/2017	20:30:26	0	135.679	20.6	5468.3
5/14/2017	20:45:26	0	135.718	20.6	5532.5
5/14/2017	21:00:26	0	135.702	20.6	5462.8
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5/14/2017	22:15:26	0	135.72	20.6	5515.1
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5/15/2017	1:15:26	0	135.817	20.6	5343.2
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5/15/2017	12:45:26	0	135.752	20.6	5610.8
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5/15/2017	13:15:26	0	135.755	20.6	5747.9
5/15/2017	13:30:26	0	135.773	20.6	5701.1
5/15/2017	13:45:26	0	135.75	20.6	5591.2
5/15/2017	14:00:26	0	135.77	20.6	5626
5/15/2017	14:15:26	0	135.733	20.6	5611.9
5/15/2017	14:30:26	0	135.789	20.6	5681.5
5/15/2017	14:45:26	0	135.728	20.6	5659.8
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5/15/2017	15:45:26	0	135.792	20.6	5567.3
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5/15/2017	17:30:26	0	135.825	20.6	5607.6
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5/16/2017	15:15:26	0	135.58	20.6	5728.3
5/16/2017	15:30:26	0	135.607	20.6	5706.6
5/16/2017	15:45:26	0	135.593	20.6	5677.2
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5/16/2017	16:30:26	0	135.593	20.6	5595.6
5/16/2017	16:45:26	0	135.575	20.6	5584.7
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5/16/2017	17:30:26	0	135.572	20.6	5520.5
5/16/2017	17:45:26	0	135.632	20.6	5577.1
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5/16/2017	19:30:26	0	135.606	20.6	5507.5
5/16/2017	19:45:26	0	135.585	20.6	5677.2

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5/16/2017	21:45:26	0	135.615	20.6	5592.3
5/16/2017	22:00:26	0	135.588	20.6	5426.9
5/16/2017	22:15:26	0	135.586	20.6	5584.7
5/16/2017	22:30:26	0	135.626	20.6	5470.5
5/16/2017	22:45:26	0	135.589	20.6	5619.5
5/16/2017	23:00:26	0	135.569	20.6	5567.3
5/16/2017	23:15:26	0	135.569	20.6	5562.9
5/16/2017	23:30:26	0	135.595	20.6	5553.2
5/16/2017	23:45:26	0	135.59	20.6	5574.9
5/17/2017	0:00:26	0	135.572	20.6	5507.5
5/17/2017	0:15:26	0	135.596	20.6	5466.1
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5/17/2017	0:45:26	0	135.584	20.6	5536.8
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5/17/2017	1:15:26	0	135.633	20.6	5376.9
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5/17/2017	1:45:26	0	135.604	20.6	5467.2
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5/17/2017	5:15:26	0	135.604	20.6	5480.3
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5/17/2017	6:45:26	0	135.591	20.6	5536.8
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5/17/2017	10:30:26	0	135.484	20.8	5512.1
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5/17/2017	12:30:26	0	135.399	20.7	5591.8
5/17/2017	12:45:26	0	135.356	20.7	5654.8
5/17/2017	13:00:26	0	135.383	20.7	5710.2
5/17/2017	13:15:26	0	135.35	20.7	5599.4
5/17/2017	13:30:26	0	135.391	20.7	5651.5
5/17/2017	13:45:26	0	135.377	20.7	5648.3
5/17/2017	14:00:26	0	135.344	20.7	5684.1
5/17/2017	14:15:26	0	135.37	20.7	5648.3
5/17/2017	14:30:26	0	135.336	20.7	5620
5/17/2017	14:45:26	0	135.354	20.7	5715.6
5/17/2017	15:00:26	0	135.339	20.7	5703.7
5/17/2017	15:15:26	0	135.34	20.7	5575.5
5/17/2017	15:30:26	0	135.348	20.7	5740.6
5/17/2017	15:45:26	0	135.341	20.8	5744.1
5/17/2017	16:00:26	0	135.329	20.7	5650.5
5/17/2017	16:15:26	0	135.329	20.7	5622.2
5/17/2017	16:30:26	0	135.315	20.7	5698.2
5/17/2017	16:45:26	0	135.316	20.7	5671.1
5/17/2017	17:00:26	0	135.324	20.7	5816.6
5/17/2017	17:15:26	0	135.371	20.7	5645
5/17/2017	17:30:26	0	135.328	20.7	5729.7
5/17/2017	17:45:26	0	135.351	20.7	5562.5
5/17/2017	18:00:26	0	135.34	20.7	5495.2
5/17/2017	18:15:26	0	135.333	20.7	5604.8
5/17/2017	18:30:26	0	135.321	20.7	5465.8
5/17/2017	18:45:26	0	135.34	20.7	5645
5/17/2017	19:00:26	0	135.377	20.7	5496.2
5/17/2017	19:15:26	0	135.357	20.8	5570.7
5/17/2017	19:30:26	0	135.369	20.7	5466.9
5/17/2017	19:45:26	0	135.35	20.8	5457.9

5/17/2017	20:00:26	0	135.344	20.7	5420.2
5/17/2017	20:15:26	0	135.364	20.7	5447.4
5/17/2017	20:30:26	0	135.378	20.7	5518
5/17/2017	20:45:26	0	135.373	20.7	5489.7
5/17/2017	21:00:26	0	135.334	20.7	5447.4
5/17/2017	21:15:26	0	135.371	20.7	5461.5
5/17/2017	21:30:26	0	135.363	20.7	5457.1
5/17/2017	21:45:26	0	135.378	20.7	5461.5
5/17/2017	22:00:26	0	135.375	20.7	5448.5
5/17/2017	22:15:26	0	135.396	20.7	5408.3
5/17/2017	22:30:26	0	135.391	20.7	5402.9
5/17/2017	22:45:26	0	135.407	20.7	5402.9
5/17/2017	23:00:26	0	135.348	20.7	5445.2
5/17/2017	23:15:26	0	135.352	20.7	5506
5/17/2017	23:30:26	0	135.398	20.7	5440.9
5/17/2017	23:45:26	0	135.398	20.7	5472.4

Report Date: 5/19/2017 8:55
Report User Name: AVanHaitsma
Report Computer Name: WKST34
Application: WinSitu.exe
Application Version: 5.6.25.0

Log File Properties
File Name MPWSP MW-75 LT Test_2017-05-18_15-16-43-114-BaroMerge.wsl
Create Date 5/19/2017 8:52

Device Properties
Device Aqua TROLL 200
Site MPWSP MW-75
Device Name
Serial Number 427086
Firmware Version 2
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-75 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
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
Specific Gravity 1.012
Depth

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 16:09 Used Battery: 0% Used Memory: 1% User Name: CShaw
11/28/2015 16:10 Sensor SN: 427086 Cache Timeout: 1000 User Name: CShaw
11/28/2015 16:11 Device Taken Offline
11/28/2015 16:13 Sensor SN: 427086 Actual conductivity calibration.
(null) Cell Constant: 1.01973 Cell Offset: 0
(null) Reference Temperature: 25 Temperature Coefficient: 0.0191 User Name: CShaw
11/28/2015 16:14 Device Put Online
11/28/2015 16:14 Sensor SN: 427086 Cache Timeout: 1750 User Name: CShaw
11/29/2015 12:55 Log Download - Used Battery: 0% Used Memory: 1% User Name: CShaw
12/3/2015 8:40 Log Download - Used Battery: 0% Used Memory: 1% User Name: KMakar
12/10/2015 10:54 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 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 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 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 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 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 Log Download - Used Battery: 3% Used Memory: 7% User Name: KMakar Interval - Start Time: 1/18/2016 11:45:00 AM Stop Time: 1/28/2016 10:00:00 AM
2/4/2016 10:56 Log Download - Used Battery: 3% Used Memory: 9% User Name: CShaw Interval - Start Time: 12/31/2015 1:00:00 PM Stop Time: 2/4/2016 11:45:00 AM
2/11/2016 8:06 Log Download - Used Battery: 4% Used Memory: 9% User Name: CShaw Interval - Start Time: 2/2/2016 2:30:00 PM Stop Time: 2/11/2016 9:00:00 AM
2/18/2016 10:45 Log Download - Used Battery: 4% Used Memory: 10% User Name: CShaw Interval - Start Time: 2/4/2016 3:00:00 AM Stop Time: 2/18/2016 11:00:00 AM
2/25/2016 10:12 Log Download - Used Battery: 4% Used Memory: 10% User Name: KMakar Interval - Start Time: 2/15/2016 5:30:00 PM Stop Time: 2/25/2016 10:00:00 AM
3/3/2016 11:53 Log Download - Used Battery: 5% Used Memory: 12% User Name: SKuiper Interval - Start Time: 1/31/2016 12:00:01 AM Stop Time: 3/3/2016 12:45:00 PM
3/10/2016 7:44 Log Download - Used Battery: 5% Used Memory: 12% User Name: KMakar Interval - Start Time: 3/1/2016 12:00:00 PM Stop Time: 3/10/2016 7:45:00 AM
3/17/2016 14:24 Log Download - Used Battery: 5% Used Memory: 14% User Name: SKuiper Interval - Start Time: 3/8/2016 12:00:01 AM Stop Time: 3/17/2016 3:15:00 PM
3/24/2016 9:41 Log Download - Used Battery: 6% Used Memory: 14% User Name: KMakar Interval - Start Time: 3/15/2016 12:00:00 PM Stop Time: 3/24/2016 9:45:00 AM
3/31/2016 12:03 Log Download - Used Battery: 6% Used Memory: 15% User Name: SKuiper Interval - Start Time: 3/22/2016 12:00:00 PM Stop Time: 3/31/2016 12:00:00 PM
4/7/2016 10:57 Log Download - Used Battery: 6% Used Memory: 15% User Name: ELinden Interval - Start Time: 5/10/2016 12:00:00 PM Stop Time: 5/19/2016 2:15:00 PM
4/14/2016 9:09 Log Download - Used Battery: 7% Used Memory: 17% User Name: SKuiper Interval - Start Time: 4/5/2016 12:00:00 PM Stop Time: 4/14/2016 9:45:00 AM
4/21/2016 9:05 Log Download - Used Battery: 7% Used Memory: 18% User Name: ELinden Interval - Start Time: 4/12/2016 1:30:00 PM Stop Time: 4/21/2016 9:30:00 AM
4/28/2016 10:19 Log Download - Used Battery: 8% Used Memory: 18% User Name: KMakar Interval - Start Time: 4/19/2016 5:00:00 PM Stop Time: 4/28/2016 10:15:00 AM
5/5/2016 8:15 Log Download - Used Battery: 8% Used Memory: 20% User Name: SKuiper Interval - Start Time: 3/31/2016 12:00:00 PM Stop Time: 5/5/2016 9:05:00 AM
5/12/2016 9:13 Log Download - Used Battery: 8% Used Memory: 20% User Name: SKuiper Interval - Start Time: 5/3/2016 12:00:00 PM Stop Time: 5/12/2016 10:00:00 AM
5/19/2016 12:16 Log Download - Used Battery: 9% Used Memory: 21% User Name: ELinden Interval - Start Time: 5/10/2016 12:00:00 PM Stop Time: 5/19/2016 2:15:00 PM
5/26/2016 8:37 Log Download - Used Battery: 9% Used Memory: 21% User Name: SKuiper Interval - Start Time: 5/17/2016 6:00:00 AM Stop Time: 5/26/2016 9:30:00 AM
6/2/2016 10:47 Log Download - Used Battery: 9% Used Memory: 23% User Name: SKuiper Interval - Start Time: 4/30/2016 10:00:00 PM Stop Time: 6/2/2016 11:30:00 AM
6/9/2016 8:35 Log Download - Used Battery: 10% Used Memory: 23% User Name: CShaw Interval - Start Time: 5/31/2016 5:00:00 AM Stop Time: 6/9/2016 9:30:00 AM
6/16/2016 10:23 Log Download - Used Battery: 10% Used Memory: 25% User Name: SKuiper Interval - Start Time: 6/7/2016 10:30:00 PM Stop Time: 6/16/2016 11:00:00 AM
6/23/2016 9:06 Log Download - Used Battery: 10% Used Memory: 25% User Name: SKuiper Interval - Start Time: 6/15/2016 10:00:00 PM Stop Time: 6/23/2016 10:00:00 AM
7/1/2016 10:55 Log Download - Used Battery: 11% Used Memory: 26% User Name: SKuiper Interval - Start Time: 5/31/2016 10:00:00 PM Stop Time: 7/1/2016 10:45:00 AM
7/8/2016 11:18 Log Download - Used Battery: 11% Used Memory: 26% User Name: SKuiper Interval - Start Time: 6/29/2016 10:00:00 PM Stop Time: 7/8/2016 12:00:00 PM
7/14/2016 15:47 Log Download - Used Battery: 12% Used Memory: 28% User Name: ELinden Interval - Start Time: 7/5/2016 12:00:00 PM Stop Time: 7/14/2016 4:45:00 PM
7/21/2016 16:46 Log Download - Used Battery: 12% Used Memory: 28% User Name: SKuiper Interval - Start Time: 7/13/2016 10:00:00 PM Stop Time: 7/21/2016 5:30:00 PM
7/28/2016 17:35 Log Download - Used Battery: 12% Used Memory: 29% User Name: SKuiper Interval - Start Time: 7/20/2016 10:00:00 PM Stop Time: 7/28/2016 6:30:00 PM
8/4/2016 8:45 Log Download - Used Battery: 13% Used Memory: 29% User Name: SKuiper Interval - Start Time: 6/30/2016 10:00:00 PM Stop Time: 8/4/2016 8:45:00 AM
8/11/2016 11:27 Log Download - Used Battery: 13% Used Memory: 31% User Name: ELinden Interval - Start Time: 8/3/2016 12:00:00 PM Stop Time: 8/11/2016 12:15:00 PM
8/18/2016 14:52 Log Download - Used Battery: 13% Used Memory: 31% User Name: SKuiper Interval - Start Time: 8/10/2016 10:00:00 PM Stop Time: 8/18/2016 3:45:00 PM
8/25/2016 13:03 Log Download - Used Battery: 14% Used Memory: 32% User Name: ELinden Interval - Start Time: 8/17/2016 10:00:00 PM Stop Time: 8/25/2016 2:00:00 PM
9/1/2016 10:04 Log Download - Used Battery: 14% Used Memory: 32% User Name: skuiper Interval - Start Time: 7/31/2016 10:00:00 PM Stop Time: 9/1/2016 10:45:00 AM
9/8/2016 17:49 Log Download - Used Battery: 14% Used Memory: 34% User Name: SKuiper Interval - Start Time: 8/31/2016 10:00:00 PM Stop Time: 9/8/2016 5:45:00 PM
9/15/2016 13:15 Log Download - Used Battery: 15% Used Memory: 34% User Name: ANorris Interval - Start Time: 9/7/2016 10:00:00 PM Stop Time: 9/15/2016 2:00:00 PM
9/22/2016 11:02 Log Download - Used Battery: 15% Used Memory: 35% User Name: ANorris Interval - Start Time: 9/14/2016 10:00:00 PM Stop Time: 9/22/2016 12:00:00 PM
9/19/2016 9:35 Log Download - Used Battery: 16% Used Memory: 37% User Name: ANorris Interval - Start Time: 9/12/2016 10:30:00 AM Stop Time: 10/1/2016 10:30:00 AM
10/7/2016 16:29 Log Download - Used Battery: 16% Used Memory: 37% User Name: SKuiper Interval - Start Time: 9/28/2016 10:00:00 PM Stop Time: 10/7/2016 5:15:00 PM
10/7/2016 16:30 Log Download - Used Battery: 16% Used Memory: 37% User Name: SKuiper Interval - Start Time: 9/28/2016 10:00:00 PM Stop Time: 10/7/2016 4:30:00 PM
10/13/2016 15:44 Log Download - Used Battery: 16% Used Memory: 39% User Name: SKuiper Interval - Start Time: 10/5/2016 10:00:00 PM Stop Time: 10/13/2016 4:30:00 PM
10/20/2016 15:35 Log Download - Used Battery: 17% Used Memory: 39% User Name: SKuiper Interval - Start Time: 10/12/2016 10:00:00 PM Stop Time: 10/20/2016 4:00:00 PM
10/27/2016 15:10 Log Download - Used Battery: 17% Used Memory: 40% User Name: SKuiper Interval - Start Time: 10/19/2016 10:00:00 PM Stop Time: 10/27/2016 3:00:00 PM
11/3/2016 14:59 Log Download - Used Battery: 17% Used Memory: 40% User Name: SKuiper Interval - Start Time: 9/30/2016 10:00:00 PM Stop Time: 11/3/2016 3:45:00 PM
11/10/2016 16:15 Log Download - Used Battery: 18% Used Memory: 42% User Name: SKuiper Interval - Start Time: 11/2/2016 10:00:00 PM Stop Time: 11/10/2016 5:00:00 PM
11/17/2016 13:58 Log Download - Used Battery: 18% Used Memory: 42% User Name: SKuiper Interval - Start Time: 11/9/2016 10:00:00 PM Stop Time: 11/17/2016 2:45:00 PM
11/24/2016 11:29 Log Download - Used Battery: 18% Used Memory: 43% User Name: SKuiper Interval - Start Time: 11/15/2016 10:00:00 PM Stop Time: 11/24/2016 12:15:00 PM
12/1/2016 16:20 Log Download - Used Battery: 19% Used Memory: 43% User Name: SKuiper Interval - Start Time: 10/31/2016 10:00:00 PM Stop Time: 12/1/2016 4:15:00 PM
12/9/2016 10:49 Log Download - Used Battery: 19% Used Memory: 45% User Name: SKuiper Interval - Start Time: 11/30/2016 10:00:00 PM Stop Time: 12/9/2016 11:30:00 AM
12/15/2016 12:10 Log Download - Used Battery: 19% Used Memory: 45% User Name: SKuiper Interval - Start Time: 12/7/2016 10:00:00 PM Stop Time: 12/15/2016 12:45:00 PM
12/22/2016 10:31 Log Download - Used Battery: 20% Used Memory: 46% User Name: ANorris Interval - Start Time: 12/14/2016 10:00:00 PM Stop Time: 12/22/2016 11:30:00 AM
1/5/2017 11:47 Log Download - Used Battery: 21% Used Memory: 48% User Name: SKuiper Interval - Start Time: 11/30/2016 10:00:00 PM Stop Time: 1/5/2017 11:45:00 AM
1/12/2017 15:29 Log Download - Used Battery: 21% Used Memory: 48% User Name: SKuiper Interval - Start Time: 1/4/2017 10:00:00 PM Stop Time: 1/12/2017 3:15:00 PM
1/19/2017 13:09 Log Download - Used Battery: 21% Used Memory: 50% User Name: EHernandez Interval - Start Time: 1/11/2017 10:00:00 PM Stop Time: 1/19/2017 2:00:00 PM
1/26/2017 8:47 Log Download - Used Battery: 22% Used Memory: 50% User Name: SKuiper Interval - Start Time: 1/18/2017 10:00:00 PM Stop Time: 1/26/2017 8:45:00 AM
2/2/2017 15:03 Log Download - Used Battery: 22% Used Memory: 51% User Name: WMassoli Interval - Start Time: 12/31/2016 10:00:00 PM Stop Time: 2/2/2017 3:55:00 PM
5/19/2017 8:52 User Note: "Pressure & Level adjusted by baro data from: "MPWSP Barotroll_2017-05-18_15-53-25-090.wsl"

Log Data:
Record Count 742
Sensors 2
1 427086 PCTD 30 PSIA (10.9m/35.8ft)
2 0 Baro-Adjustment Calc

Time Zone: Pacific Daylight Time

		Sensor: PCTD(A) 35.8ft		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	
		SNR: 427086		SNR: 427086		SNR: 427086		SNR: 427086		SNR: 427086		SNR: 427086		SNR: 427086		SNR: 427086		SNR: 000000	
Date and Time	Elapsed Time Seconds	Corrected Pressure (PSI)	Temperature (C)	Corrected Depth (ft)	Actual Conductivity (µS)	Specific Conductivity (µS)	Total Dissolved Solids (ppt)	Salinity (PSU)	Resistivity (ohm-cm)	Water Density (g/cm3)	Barometric Pressure (PSI)								
5/11/2017 0:00	7200		13.518	17.684	30.811	1867.686	2171.037	1.476	1.122	535.422	1							14.804	
5/11/2017 0:15	8100		13.524	17.685	30.824	1869.835	2173.527	1.478	1.123	534.807	1							14.8	
5/11/2017 0:30	9000		13.515	17.685	30.805	1869.737	2173.392	1.478	1.123	534.834	1							14.805	
5/11/2017 0:45	9900		13.517	17.684	30.808	1870.046	2173.815	1.478	1.123	534.746	1							14.808	
5/11/2017 1:00	10800		13.517	17.684	30.81	1869.702	2173.394	1.478	1.123	534.845	1							14.804	
5/11/2017 1:15	11700		13.515	17.682	30.806	1870.529	2174.439	1.479	1.124	534.608	1							14.806	
5/11/2017 1:30	12600		13.523	17.683	30.823	1869.459	2173.175	1.478	1.123	534.914	1							14.803	
5/11/2017 1:45	13500		13.52	17.682	30.817	1867.88	2171.398	1.477	1.122	535.366	1							14.802	
5/11/2017 2:00	14400		13.524	17.683	30.824	1866.968	2170.283	1.476	1.121	535.628	1							14.803	
5/11/2017 2:15	15300		13.53	17.684	30.839	1867.508	2170.877	1.476	1.122	535.473	1							14.797	
5/11/2017 2:30	16200		13.528	17.684	30.835	1868.166	2171.633	1.477	1.122	535.284	1							14.8	
5/11/2017 2:45	17100		13.524	17.683	30.824	1867.374	2170.75	1.476	1.122	535.511	1							14.804	
5/11/2017 3:00	18000		13.523	17.685	30.822	1867.448	2170.722	1.476	1.122	535.49	1							14.801	
5/11/2017 3:15	18900		13.522	17.682	30.82	1868.006	2171.549	1.477	1.122	535.33	1							14.802	
5/11/2017 3:30	19800		13.53	17.683	30.839	1867.667	2171.091	1.476	1.122	535.427	1							14.799	
5/11/2017 3:45	20700		13.521	17.682	30.818	1866.953	2170.312	1.476	1.121	535.632	1							14.803	
5/11/2017 4:00	21600		13.522	17.684	30.82	1867.002	2170.272	1.476	1.121	535.618	1							14.802	
5/11/2017 4:15	22500		13.523	17.683	30.824	1866.961	2170.28	1.476	1.121	535.63	1							14.801	
5/11/2017 4:30	23400		13.519	17.684	30.813	1867.72	2171.107	1.476	1.122	535.412	1							14.807	
5/11/2017 4:45	24300		13.52	17.682	30.816	1868.062	2171.593	1.477	1.122	535.314	1							14.805	
5/11/2017 5:00	25200		13.524	17.682	30.824	1868.246	2171.806	1.477	1.122	535.261	1							14.802	
5/11/2017 5:15	26100		13.525	17.683	30.829	1867.889	2171.35	1.477	1.122	535.364	1							14.8	
5/11/2017 5:30	27000		13.529	17.682	30.827	1867.462	2170.921	1.476	1.122	535.486	1							14.805	
5/11/2017 5:45	27900		13.525	17.684	30.836	1867.313	2170.638	1.476	1.122	535.529	1							14.802	
5/11/2017 6:00	28800		13.525	17.684	30.828	1866.119	2169.237	1.475	1.121	535.871	1							14.807	
5/11/2017 6:15	29700		13.514	17.683	30.803	1866.454	2169.475	1.475	1.121	535.775	1							14.814	
5/11/2017 6:30	30600		13.513	17.684	30.801	1866.225	2169.386	1.475	1.121	535.841	1							14.815	
5/11/2017 6:45	31500		13.517	17.684	30.81	1867.591	2170.969	1.476	1.122	535.449	1							14.815	
5/11/2017 7:00	32400		13.515	17.684	30.805	1867.794	2171.163	1.476	1.122	535.391	1							14.814	
5/11/2017 7:15	33300		13.514	17.684	30.803	1866.449	2169.634	1.475	1.121	535.777	1							14.815	
5/11/2017 7:30	34200		13.52	17.683	30.816	1866.774	2170.049	1.476	1.121	535.684	1							14.809	
5/11/2017 7:45	35100		13.518	17.682	30.811	1867.05	2170.403	1.476	1.121	535.604	1							14.812	
5/11/2017 8:00	36000		13.514	17.683	30.803	1867.09	2170.403	1.475	1.121	535.595	1							14.817	
5/11/2017 8:15	36900		13.515	17.683	30.805	1865.823	2168.964	1.475	1.121	535.957	1							14.822	
5/11/2017 8:30	37800		13.523	17.683	30.823	1866.263	2169.468	1.475	1.121	535.83	1							14.814	
5/11/2017 8:45	38700		13.518	17.684	30.811	1865.936	2169.029	1.475	1.121	535.924	1							14.816	
5/11/2017 9:00	39600		13.529	17.682	30.836	1867.289	2170.686	1.476	1.122	535.536	1							14.81	
5/11/2017 9:15	40500		13.522	17.684	30.822	1866.348	2169.482	1.475	1.121	535.806	1							14.815	
5/11/2017 9:30	41400		13.524	17.683	30.826	1866.979	2170.405	1.476	1.121	535.625	1							14.816	
5/11/2017 9:45	42300		13.522	17.684	30.821	1866.668	2169.892	1.476	1.121	535.714	1							14.817	
5/11/2017 10:00	43200		13.517	17.684	30.809	1867.001	2170.287	1.476	1.121	535.618	1							14.817	
5/11/2017 10:15	44100		13.517	17.683	30.81	1866.576	2169.832	1.475	1.121	535.74	1							14.816	
5/11/2017 10:30	45000		13.517	17.683	30.81	1866.04	2169.184	1.475	1.121	535.894	1							14.817	
5/11/2017 10:45	45900		13.521	17.682	30.818	1866.262	2169.517	1.475	1.121	535.83	1							14.814	
5/11/2017 11:00	46800		13.525	17.681	30.828	1866.023	2169.251	1.475	1.121	535.899	1							14.809	
5/11/2017 11:15	47700		13.519	17.683	30.814	1865.1	2168.107	1.474	1.12	536.164	1							14.815	
5/11/2017 11:30	48600		13.524	17.684	30.826	1865.427	2168.425	1.475	1.12	536.07	1							14.816	
5/11/2017 11:45	49500		13.513	17.682	30.8	1864.957	2167.978	1.474	1.12	536.206	1							14.822	
5/11/2017 12:00	50400		13.528	17.683	30.835	1864.724	2167.657	1.474	1.12	536.272	1							14.812	
5/11/2017 12:15	51300		13.521	17.683	30.818	1864.926	2167.901	1.474	1.12	536.214	1							14.814	
5/11/2017 12:30	52200		13.52	17.684	30.815	1863.602	2166.336	1.473	1.119	536.595	1							14.821	
5/11/2017 12:45	53100		13.525	17.682	30.827	1863.887	2166.27	1.473	1.119	536.513	1							14.817	
5/11/2017 13:00	54000		13.519	17.682	30.814	1863.794	2166.635	1.473	1.119	536.54	1							14.817	
5/11/2017 13:15	54900		13.522	17.683	30.82	1863.248	2165.95	1.473	1.119	536.697	1							14.814	
5/11/2017 13:30	55800		13.52	17.684	30.817	1863.47	2166.174	1.473	1.119	536.633	1							14.817	
5/11/2017 13:45	56700		13.527	17.684	30.831	1863.226	2165.892	1.473	1.119	536.703	1							14.814	
5/11/2017 14:00	57600		13.526	17.684	30.83	1863.658	2166.372	1.473	1.119	536.579	1							14.817	
5/11/2017 14:15	58500		13.529	17.682	30.838	1864.042	2166.923	1.474	1.12	536.469	1							14.807	
5/11/2017 14:30	59400		13.531	17.683	30.84	1864.423	2167.333	1.474	1.12	536.359	1							14.815	
5/11/2017 14:45	60300		13.527	17.683	30.832	1864.361	2167.227	1.474	1.12	536.377	1							14.815	
5/11/2017 15:00	61200		13.528	17.683	30.835	1863.703	2166.501	1.473	1.119	536.566	1							14.814	
5/11/2017 15:15	62100		13.535	17.683	30.85	1863.428	2166.143	1.473	1.119	536.645	1							14.808	
5/11/2017 15:30	63000		13.527	17.681	30.833	1863.06	2165.821	1.473	1.119	536.751	1							14.809	
5/11/2017 15:45	63900		13.53	17.683	30.839	1862.763	2165.403	1.472	1.119	536.837	1							14.807	

5/11/2017 16:00	64800	13.53	17.683	30.84	1862.935	2165.595	1.473	1.119	536.787	1	14.806
5/11/2017 16:15	65700	13.533	17.683	30.846	1862.36	2164.938	1.472	1.118	536.953	1	14.808
5/11/2017 16:30	66600	13.535	17.684	30.849	1862.107	2164.553	1.472	1.118	537.026	1	14.801
5/11/2017 16:45	67500	13.537	17.684	30.854	1863.937	2166.7	1.473	1.119	536.499	1	14.798
5/11/2017 17:00	68400	13.539	17.683	30.86	1864.143	2166.982	1.474	1.12	536.439	1	14.801
5/11/2017 17:15	69300	13.54	17.684	30.863	1864.86	2167.765	1.474	1.12	536.233	1	14.797
5/11/2017 17:30	70200	13.532	17.684	30.864	1864.998	2167.938	1.474	1.12	536.194	1	14.802
5/11/2017 17:45	71100	13.535	17.685	30.852	1865.527	2168.515	1.475	1.12	536.041	1	14.802
5/11/2017 18:00	72000	13.523	17.684	30.823	1865.804	2168.858	1.475	1.121	535.962	1	14.809
5/11/2017 18:15	72900	13.541	17.684	30.863	1866.261	2169.398	1.475	1.121	535.831	1	14.797
5/11/2017 18:30	73800	13.532	17.683	30.844	1865.65	2168.729	1.475	1.121	536.006	1	14.801
5/11/2017 18:45	74700	13.531	17.684	30.84	1866.147	2169.265	1.475	1.121	535.863	1	14.802
5/11/2017 19:00	75600	13.534	17.684	30.848	1866.29	2169.21	1.475	1.121	535.869	1	14.797
5/11/2017 19:15	76500	13.534	17.683	30.849	1866.04	2169.205	1.475	1.121	535.894	1	14.797
5/11/2017 19:30	77400	13.534	17.683	30.849	1865.184	2168.218	1.474	1.12	536.14	1	14.801
5/11/2017 19:45	78300	13.534	17.684	30.847	1865.353	2168.364	1.474	1.12	536.091	1	14.798
5/11/2017 20:00	79200	13.533	17.683	30.846	1865.646	2168.733	1.475	1.121	536.007	1	14.799
5/11/2017 20:15	80100	13.526	17.683	30.83	1866.037	2169.197	1.475	1.121	535.895	1	14.803
5/11/2017 20:30	81000	13.526	17.684	30.829	1864.777	2167.702	1.474	1.12	536.257	1	14.804
5/11/2017 20:45	81900	13.534	17.684	30.849	1864.836	2167.745	1.474	1.12	536.24	1	14.801
5/11/2017 21:00	82800	13.535	17.683	30.851	1864.497	2167.415	1.474	1.12	536.338	1	14.801
5/11/2017 21:15	83700	13.531	17.682	30.841	1863.999	2166.848	1.473	1.12	536.481	1	14.805
5/11/2017 21:30	84600	13.529	17.684	30.836	1864.658	2167.56	1.474	1.12	536.291	1	14.802
5/11/2017 21:45	85500	13.529	17.683	30.837	1864.668	2167.601	1.474	1.12	536.289	1	14.806
5/11/2017 22:00	86400	13.528	17.684	30.835	1864.567	2167.428	1.474	1.12	536.318	1	14.802
5/11/2017 22:15	87300	13.527	17.683	30.832	1864.739	2167.684	1.474	1.12	536.268	1	14.804
5/11/2017 22:30	88200	13.529	17.683	30.837	1865.207	2168.214	1.474	1.12	536.134	1	14.801
5/11/2017 22:45	89100	13.536	17.683	30.854	1864.919	2167.914	1.474	1.12	536.216	1	14.795
5/11/2017 23:00	90000	13.529	17.683	30.837	1865.37	2168.417	1.475	1.12	536.087	1	14.802
5/11/2017 23:15	90900	13.524	17.683	30.825	1864.946	2167.903	1.474	1.12	536.209	1	14.808
5/11/2017 23:30	91800	13.536	17.683	30.853	1865.032	2168.003	1.473	1.12	536.184	1	14.8
5/11/2017 23:45	92700	13.526	17.683	30.831	1864.77	2167.732	1.474	1.12	536.259	1	14.805
5/12/2017 0:00	93600	13.536	17.683	30.854	1864.565	2167.468	1.474	1.12	536.318	1	14.8
5/12/2017 0:15	94500	13.526	17.684	30.83	1864.793	2167.721	1.474	1.12	536.253	1	14.804
5/12/2017 0:30	95400	13.529	17.684	30.836	1864.692	2167.604	1.474	1.12	536.282	1	14.802
5/12/2017 0:45	96300	13.53	17.684	30.84	1864.254	2167.061	1.474	1.12	536.408	1	14.801
5/12/2017 1:00	97200	13.539	17.683	30.86	1866.599	2167.96	1.473	1.119	536.109	1	14.797
5/12/2017 1:15	98100	13.525	17.684	30.827	1863.563	2166.266	1.473	1.119	536.606	1	14.806
5/12/2017 1:30	99000	13.535	17.684	30.85	1863.655	2166.39	1.473	1.119	536.58	1	14.802
5/12/2017 1:45	99900	13.519	17.682	30.814	1863.377	2166.15	1.473	1.119	536.66	1	14.813
5/12/2017 2:00	100800	13.538	17.683	30.858	1863.109	2165.78	1.473	1.119	536.737	1	14.798
5/12/2017 2:15	101700	13.536	17.683	30.853	1863.805	2166.577	1.473	1.119	536.537	1	14.802
5/12/2017 2:30	102600	13.53	17.684	30.839	1864.148	2166.954	1.474	1.12	536.438	1	14.807
5/12/2017 2:45	103500	13.535	17.683	30.85	1865.686	2168.789	1.475	1.121	535.996	1	14.803
5/12/2017 3:00	104400	13.53	17.683	30.839	1864.66	2167.571	1.474	1.12	536.291	1	14.807
5/12/2017 3:15	105300	13.527	17.683	30.833	1864.278	2167.16	1.474	1.12	536.401	1	14.81
5/12/2017 3:30	106200	13.54	17.683	30.862	1864.143	2166.969	1.474	1.12	536.44	1	14.797
5/12/2017 3:45	107100	13.536	17.684	30.853	1864.176	2166.991	1.474	1.12	536.43	1	14.801
5/12/2017 4:00	108000	13.537	17.683	30.833	1864.146	2167.002	1.474	1.12	536.439	1	14.806
5/12/2017 4:15	108900	13.531	17.683	30.84	1863.611	2166.36	1.473	1.119	536.593	1	14.802
5/12/2017 4:30	109800	13.525	17.684	30.828	1863.844	2166.618	1.473	1.119	536.525	1	14.811
5/12/2017 4:45	110700	13.529	17.682	30.836	1863.971	2166.833	1.473	1.119	536.489	1	14.809
5/12/2017 5:00	111600	13.531	17.684	30.842	1864.547	2167.423	1.474	1.12	536.323	1	14.806
5/12/2017 5:15	112500	13.529	17.683	30.837	1864.174	2167.048	1.474	1.12	536.431	1	14.81
5/12/2017 5:30	113400	13.522	17.683	30.821	1864.001	2166.809	1.473	1.119	536.48	1	14.812
5/12/2017 5:45	114300	13.523	17.684	30.823	1864.119	2166.938	1.474	1.12	536.446	1	14.811
5/12/2017 6:00	115200	13.525	17.682	30.828	1864.112	2166.985	1.474	1.12	536.448	1	14.81
5/12/2017 6:15	116100	13.524	17.682	30.824	1864.182	2167.065	1.474	1.12	536.428	1	14.817
5/12/2017 6:30	117000	13.526	17.683	30.831	1865.013	2167.981	1.474	1.12	536.189	1	14.814
5/12/2017 6:45	117900	13.52	17.683	30.815	1864.446	2167.347	1.474	1.12	536.352	1	14.817
5/12/2017 7:00	118800	13.52	17.682	30.816	1863.859	2166.707	1.473	1.119	536.521	1	14.817
5/12/2017 7:15	119700	13.523	17.683	30.823	1863.594	2166.853	1.473	1.119	536.597	1	14.802
5/12/2017 7:30	120600	13.52	17.683	30.816	1863.51	2166.259	1.473	1.119	536.622	1	14.818
5/12/2017 7:45	121500	13.525	17.684	30.828	1863.895	2166.669	1.473	1.119	536.511	1	14.818
5/12/2017 8:00	122400	13.521	17.682	30.818	1863.393	2166.143	1.473	1.119	536.656	1	14.819
5/12/2017 8:15	123300	13.525	17.683	30.827	1864.337	2167.203	1.474	1.12	536.384	1	14.815
5/12/2017 8:30	124200	13.525	17.684	30.827	1864.371	2167.201	1.474	1.12	536.374	1	14.82
5/12/2017 8:45	125100	13.527	17.684	30.833	1864.021	2166.803	1.473	1.119	536.474	1	14.815
5/12/2017 9:00	126000	13.523	17.683	30.822	1864.001	2166.843	1.473	1.119	536.48	1	14.818
5/12/2017 9:15	126900	13.529	17.683	30.837	1863.516	2166.279	1.473	1.119	536.62	1	14.813
5/12/2017 9:30	127800	13.523	17.684	30.822	1863.359	2166.041	1.473	1.119	536.665	1	14.818
5/12/2017 9:45	128700	13.534	17.684	30.849	1863.278	2165.934	1.473	1.119	536.689	1	14.812
5/12/2017 10:00	129600	13.532	17.683	30.844	1862.643	2165.226	1.472	1.119	536.871	1	14.815
5/12/2017 10:15	130500	13.526	17.682	30.831	1863.146	2165.823	1.473	1.119	536.727	1	14.812
5/12/2017 10:30	131400	13.527	17.684	30.832	1862.417	2164.959	1.472	1.118	536.937	1	14.815
5/12/2017 10:45	132300	13.527	17.683	30.832	1862.982	2165.646	1.473	1.119	536.774	1	14.816
5/12/2017 11:00	133200	13.53	17.683	30.839	1863.024	2165.673	1.473	1.119	536.762	1	14.817
5/12/2017 11:15	134100	13.53	17.682	30.84	1862.307	2164.881	1.472	1.118	536.968	1	14.812
5/12/2017 11:30	135000	13.533	17.683	30.847	1864.004	2166.829	1.473	1.119	536.48	1	14.815
5/12/2017 11:45	135900	13.535	17.684	30.85	1865.197	2168.19	1.474	1.12	536.136	1	14.813
5/12/2017 12:00	136800	13.539	17.684	30.86	1864.307	2167.156	1.474	1.12	536.392	1	14.808
5/12/2017 12:15	137700	13.531	17.683	30.841	1865.641	2168.736	1.475	1.121	536.009	1	14.811
5/12/2017 12:30	138600	13.543	17.684	30.868	1865.654	2168.713	1.475	1.121	536.005	1	14.805
5/12/2017 12:45	139500	13.538	17.684	30.858	1865.468	2168.48	1.475	1.12	536.058	1	14.803
5/12/2017 13:00	140400	13.54	17.683	30.863	1865.439	2168.488	1.475	1.12	536.067	1	14.802
5/12/2017 13:15	141300	13.539	17.683	30.86	1864.961	2167.864	1.474	1.12	536.221	1	14.802
5/12/2017 13:30	142200	13.545	17.684	30.873	1865.228	2168.201	1.474	1.12	536.127	1	14.8
5/12/2017 13:45	143100	13.542	17.684	30.865	1865.794	2168.867	1.475	1.121			

5/13/2017 20:45	254700	13.553	17.684	30.892	1864.253	2167.072	1.474	1.12	536.408	1	14.729
5/13/2017 21:00	255600	13.564	17.683	30.916	1864.413	2167.283	1.474	1.12	536.362	1	14.724
5/13/2017 21:15	256500	13.561	17.684	30.909	1864.118	2166.932	1.474	1.12	536.447	1	14.726
5/13/2017 21:30	257400	13.554	17.683	30.894	1864.005	2166.831	1.473	1.119	536.479	1	14.733
5/13/2017 21:45	258300	13.554	17.684	30.895	1864.129	2166.945	1.474	1.12	536.444	1	14.73
5/13/2017 22:00	259200	13.55	17.683	30.885	1864.547	2167.473	1.474	1.12	536.423	1	14.729
5/13/2017 22:15	260100	13.549	17.684	30.890	1865.528	2168.542	1.474	1.12	536.041	1	14.73
5/13/2017 22:30	261000	13.55	17.684	30.885	1865.631	2168.657	1.475	1.12	536.012	1	14.729
5/13/2017 22:45	261900	13.552	17.684	30.889	1864.988	2167.915	1.474	1.12	536.196	1	14.732
5/13/2017 23:00	262800	13.548	17.684	30.881	1864.975	2167.925	1.474	1.12	536.2	1	14.732
5/13/2017 23:15	263700	13.552	17.684	30.89	1865.275	2168.272	1.474	1.12	536.114	1	14.73
5/13/2017 23:30	264600	13.547	17.683	30.877	1865.229	2168.244	1.474	1.12	536.127	1	14.732
5/13/2017 23:45	265500	13.547	17.683	30.878	1865.102	2168.038	1.474	1.12	536.164	1	14.73
5/14/2017 0:00	266400	13.552	17.683	30.89	1864.824	2167.778	1.474	1.12	536.244	1	14.73
5/14/2017 0:15	267300	13.559	17.684	30.905	1864.501	2167.335	1.474	1.12	536.337	1	14.719
5/14/2017 0:30	268200	13.549	17.684	30.882	1864.677	2167.586	1.474	1.12	536.286	1	14.729
5/14/2017 0:45	269100	13.557	17.684	30.9	1864.311	2167.152	1.474	1.12	536.391	1	14.725
5/14/2017 1:00	270000	13.554	17.684	30.895	1864.004	2166.795	1.473	1.119	536.48	1	14.727
5/14/2017 1:15	270900	13.557	17.685	30.902	1864.664	2167.512	1.475	1.12	536.29	1	14.728
5/14/2017 1:30	271800	13.557	17.683	30.901	1864.27	2167.15	1.474	1.12	536.403	1	14.718
5/14/2017 1:45	272700	13.565	17.684	30.918	1864.584	2167.431	1.474	1.12	536.313	1	14.716
5/14/2017 2:00	273600	13.55	17.683	30.884	1863.813	2166.598	1.473	1.119	536.535	1	14.723
5/14/2017 2:15	274500	13.551	17.683	30.888	1863.994	2166.813	1.473	1.119	536.482	1	14.721
5/14/2017 2:30	275400	13.556	17.683	30.899	1863.814	2166.612	1.473	1.119	536.534	1	14.716
5/14/2017 2:45	276300	13.559	17.683	30.906	1863.509	2166.257	1.473	1.119	536.622	1	14.713
5/14/2017 3:00	277200	13.567	17.682	30.922	1863.401	2166.199	1.473	1.119	536.653	1	14.709
5/14/2017 3:15	278100	13.552	17.683	30.888	1863.511	2166.277	1.473	1.119	536.621	1	14.719
5/14/2017 3:30	279000	13.559	17.684	30.905	1864.547	2167.431	1.474	1.12	536.323	1	14.711
5/14/2017 3:45	279900	13.551	17.683	30.887	1864.448	2167.323	1.474	1.12	536.352	1	14.716
5/14/2017 4:00	280800	13.552	17.683	30.889	1863.979	2166.783	1.473	1.119	536.487	1	14.716
5/14/2017 4:15	281700	13.554	17.683	30.893	1863.985	2166.786	1.473	1.119	536.485	1	14.713
5/14/2017 4:30	282600	13.562	17.684	30.911	1864.055	2166.834	1.473	1.119	536.465	1	14.708
5/14/2017 4:45	283500	13.555	17.684	30.896	1863.863	2166.61	1.473	1.119	536.52	1	14.709
5/14/2017 5:00	284400	13.555	17.684	30.896	1865.175	2168.14	1.474	1.12	536.143	1	14.711
5/14/2017 5:15	285300	13.556	17.684	30.899	1865.675	2168.717	1.475	1.121	535.999	1	14.708
5/14/2017 5:30	286200	13.562	17.684	30.911	1865.657	2168.717	1.475	1.121	536.004	1	14.703
5/14/2017 5:45	287100	13.563	17.683	30.913	1866.029	2169.187	1.475	1.121	535.897	1	14.707
5/14/2017 6:00	288000	13.555	17.682	30.895	1865.109	2168.156	1.474	1.12	536.162	1	14.709
5/14/2017 6:15	288900	13.559	17.684	30.905	1865.062	2168.033	1.474	1.12	536.175	1	14.707
5/14/2017 6:30	289800	13.55	17.683	30.884	1864.835	2167.816	1.474	1.12	536.241	1	14.712
5/14/2017 6:45	290700	13.548	17.683	30.881	1864.425	2167.306	1.474	1.12	536.358	1	14.713
5/14/2017 7:00	291600	13.556	17.683	30.899	1864.363	2167.233	1.474	1.12	536.376	1	14.709
5/14/2017 7:15	292500	13.557	17.684	30.902	1864.742	2167.657	1.474	1.12	536.267	1	14.708
5/14/2017 7:30	293400	13.545	17.684	30.874	1864.449	2167.321	1.474	1.12	536.351	1	14.715
5/14/2017 7:45	294300	13.548	17.684	30.88	1865.289	2168.265	1.474	1.12	536.11	1	14.712
5/14/2017 8:00	295200	13.551	17.684	30.886	1866.112	2169.208	1.475	1.121	535.873	1	14.711
5/14/2017 8:15	296100	13.546	17.685	30.877	1866.75	2169.941	1.476	1.121	535.69	1	14.718
5/14/2017 8:30	297000	13.552	17.684	30.888	1866.913	2170.181	1.476	1.121	535.643	1	14.712
5/14/2017 8:45	297900	13.547	17.684	30.878	1867.913	2171.321	1.476	1.122	535.355	1	14.717
5/14/2017 9:00	298800	13.547	17.684	30.878	1867.218	2170.536	1.476	1.122	535.556	1	14.713
5/14/2017 9:15	299700	13.542	17.683	30.867	1866.923	2170.209	1.476	1.121	535.641	1	14.717
5/14/2017 9:30	300600	13.543	17.682	30.869	1867.085	2170.436	1.476	1.121	535.594	1	14.719
5/14/2017 9:45	301500	13.539	17.684	30.86	1866.376	2169.543	1.475	1.121	535.798	1	14.719
5/14/2017 10:00	302400	13.542	17.684	30.866	1865.328	2168.318	1.474	1.12	536.099	1	14.718
5/14/2017 10:15	303300	13.546	17.684	30.876	1865.318	2168.298	1.474	1.12	536.102	1	14.713
5/14/2017 10:30	304200	13.55	17.684	30.884	1865.498	2168.586	1.475	1.12	536.05	1	14.709
5/14/2017 10:45	305100	13.548	17.683	30.879	1865.394	2168.436	1.475	1.12	536.08	1	14.717
5/14/2017 11:00	306000	13.543	17.684	30.868	1865.383	2168.394	1.475	1.12	536.083	1	14.723
5/14/2017 11:15	306900	13.548	17.683	30.879	1865.141	2168.156	1.474	1.12	536.152	1	14.716
5/14/2017 11:30	307800	13.544	17.683	30.871	1864.817	2167.774	1.474	1.12	536.246	1	14.714
5/14/2017 11:45	308700	13.544	17.683	30.871	1865.158	2168.179	1.474	1.12	536.148	1	14.715
5/14/2017 12:00	309600	13.544	17.684	30.872	1864.817	2167.764	1.474	1.12	536.246	1	14.719
5/14/2017 12:15	310500	13.544	17.683	30.871	1864.753	2167.687	1.474	1.12	536.264	1	14.721
5/14/2017 12:30	311400	13.538	17.684	30.857	1863.672	2166.413	1.473	1.119	536.575	1	14.723
5/14/2017 12:45	312300	13.534	17.684	30.848	1864.71	2167.582	1.474	1.12	536.276	1	14.726
5/14/2017 13:00	313200	13.541	17.683	30.863	1864.214	2167.07	1.474	1.12	536.419	1	14.725
5/14/2017 13:15	314100	13.543	17.685	30.869	1864.816	2167.684	1.474	1.12	536.246	1	14.722
5/14/2017 13:30	315000	13.544	17.683	30.871	1864.686	2167.567	1.474	1.12	536.283	1	14.723
5/14/2017 13:45	315900	13.539	17.683	30.859	1864.203	2167.056	1.474	1.12	536.422	1	14.728
5/14/2017 14:00	316800	13.538	17.683	30.857	1864.046	2166.882	1.473	1.12	536.468	1	14.724
5/14/2017 14:15	317700	13.539	17.684	30.86	1863.566	2166.295	1.473	1.119	536.606	1	14.723
5/14/2017 14:30	318600	13.536	17.683	30.852	1863.079	2165.753	1.473	1.119	536.746	1	14.726
5/14/2017 14:45	319500	13.542	17.684	30.867	1862.92	2165.497	1.473	1.119	536.792	1	14.721
5/14/2017 15:00	320400	13.544	17.684	30.871	1863.106	2165.277	1.475	1.119	536.738	1	14.718
5/14/2017 15:15	321300	13.553	17.685	30.892	1864.05	2166.806	1.473	1.119	536.466	1	14.713
5/14/2017 15:30	322200	13.548	17.683	30.88	1864.664	2167.58	1.474	1.12	536.29	1	14.715
5/14/2017 15:45	323100	13.546	17.683	30.876	1864.463	2167.375	1.474	1.12	536.348	1	14.716
5/14/2017 16:00	324000	13.548	17.684	30.881	1863.992	2166.773	1.473	1.119	536.483	1	14.714
5/14/2017 16:15	324900	13.552	17.684	30.89	1864.558	2167.415	1.474	1.12	536.32	1	14.71
5/14/2017 16:30	325800	13.55	17.683	30.894	1864.109	2166.980	1.474	1.12	536.449	1	14.715
5/14/2017 16:45	326700	13.557	17.684	30.9	1864.533	2167.406	1.474	1.12	536.327	1	14.703
5/14/2017 17:00	327600	13.553	17.684	30.892	1864.445	2167.309	1.474	1.12	536.353	1	14.707
5/14/2017 17:15	328500	13.554	17.684	30.894	1864.35	2167.16	1.474	1.12	536.38	1	14.706
5/14/2017 17:30	329400	13.555	17.685	30.896	1863.743	2166.425	1.473	1.119	536.555	1	14.705
5/14/2017 17:45	330300	13.557	17.684	30.899	1866.438	2169.587	1.475	1.121	535.78	1	14.703
5/14/2017 18:00	331200	13.548	17.684	30.88	1866.136	2169.274	1.475	1.121	535.867	1	14.71
5/14/2017 18:15	332100	13.548	17.684	30.88	1866.457	2169.618	1.475	1.121	535.774	1	14.71
5/14/2017 18:30	333000	13.554	17.682	30.89							

5/16/2017 1:30	444600	13.535	17.683	30.85	1863.761	2166.547	1.473	1.119	536.548	1	14.744
5/16/2017 1:45	445500	13.534	17.684	30.847	1863.758	2166.5	1.473	1.119	536.55	1	14.746
5/16/2017 2:00	446400	13.528	17.684	30.835	1863.513	2166.229	1.473	1.119	536.621	1	14.752
5/16/2017 2:15	447300	13.539	17.683	30.861	1863.598	2166.373	1.473	1.119	536.597	1	14.745
5/16/2017 2:30	448200	13.532	17.684	30.843	1863.977	2166.726	1.473	1.119	536.487	1	14.749
5/16/2017 2:45	449100	13.533	17.684	30.847	1864.436	2167.284	1.474	1.12	536.355	1	14.747
5/16/2017 3:00	450000	13.538	17.684	30.858	1864.006	2166.789	1.473	1.119	536.479	1	14.743
5/16/2017 3:15	450900	13.535	17.683	30.85	1864.237	2167.095	1.474	1.12	536.413	1	14.751
5/16/2017 3:30	451800	13.533	17.683	30.845	1864.317	2167.176	1.474	1.12	536.389	1	14.749
5/16/2017 3:45	452700	13.544	17.684	30.872	1864.415	2167.264	1.474	1.12	536.361	1	14.742
5/16/2017 4:00	453600	13.529	17.684	30.836	1864.4	2167.234	1.474	1.12	536.366	1	14.751
5/16/2017 4:15	454500	13.539	17.683	30.869	1864.584	2167.516	1.474	1.12	536.313	1	14.744
5/16/2017 4:30	455400	13.533	17.683	30.845	1864.101	2166.92	1.474	1.12	536.452	1	14.749
5/16/2017 4:45	456300	13.533	17.685	30.846	1864.499	2167.328	1.474	1.12	536.337	1	14.749
5/16/2017 5:00	457200	13.535	17.684	30.85	1865.135	2168.118	1.474	1.12	536.154	1	14.75
5/16/2017 5:15	458100	13.533	17.682	30.847	1865.78	2168.919	1.475	1.121	535.969	1	14.754
5/16/2017 5:30	459000	13.531	17.683	30.841	1865.502	2168.571	1.475	1.12	536.049	1	14.751
5/16/2017 5:45	459900	13.535	17.682	30.85	1865.051	2168.087	1.474	1.12	536.179	1	14.749
5/16/2017 6:00	460800	13.535	17.683	30.851	1865.211	2168.229	1.474	1.12	536.132	1	14.747
5/16/2017 6:15	461700	13.532	17.683	30.843	1865.178	2168.194	1.474	1.12	536.142	1	14.751
5/16/2017 6:30	462600	13.531	17.683	30.842	1865.101	2168.105	1.474	1.12	536.164	1	14.752
5/16/2017 6:45	463500	13.528	17.683	30.834	1864.711	2167.651	1.474	1.12	536.276	1	14.756
5/16/2017 7:00	464400	13.53	17.683	30.84	1864.269	2167.116	1.474	1.12	536.403	1	14.76
5/16/2017 7:15	465300	13.524	17.684	30.826	1863.829	2166.6	1.473	1.119	536.53	1	14.76
5/16/2017 7:30	466200	13.524	17.684	30.825	1863.658	2166.176	1.473	1.119	536.579	1	14.762
5/16/2017 7:45	467100	13.522	17.683	30.821	1863.898	2166.684	1.473	1.119	536.51	1	14.763
5/16/2017 8:00	468000	13.53	17.684	30.84	1864.424	2167.275	1.474	1.12	536.359	1	14.762
5/16/2017 8:15	468900	13.527	17.682	30.832	1863.117	2165.84	1.473	1.119	536.735	1	14.762
5/16/2017 8:30	469800	13.525	17.683	30.827	1863.85	2166.658	1.473	1.119	536.524	1	14.765
5/16/2017 8:45	470700	13.522	17.684	30.821	1864.114	2166.928	1.474	1.12	536.448	1	14.768
5/16/2017 9:00	471600	13.518	17.684	30.812	1863.577	2166.282	1.473	1.119	536.602	1	14.772
5/16/2017 9:15	472500	13.526	17.684	30.83	1863.413	2166.092	1.473	1.119	536.65	1	14.771
5/16/2017 9:30	473400	13.531	17.683	30.84	1863.479	2166.231	1.473	1.119	536.631	1	14.768
5/16/2017 9:45	474300	13.519	17.684	30.813	1863.066	2165.693	1.473	1.119	536.75	1	14.776
5/16/2017 10:00	475200	13.52	17.683	30.815	1863.969	2166.802	1.473	1.119	536.489	1	14.776
5/16/2017 10:15	476100	13.529	17.684	30.836	1864.143	2166.961	1.474	1.12	536.44	1	14.771
5/16/2017 10:30	477000	13.526	17.683	30.851	1863.904	2166.713	1.473	1.119	536.508	1	14.78
5/16/2017 10:45	477900	13.521	17.683	30.819	1864.173	2167.026	1.474	1.12	536.431	1	14.775
5/16/2017 11:00	478800	13.532	17.682	30.844	1863.396	2166.148	1.473	1.119	536.654	1	14.777
5/16/2017 11:15	479700	13.527	17.683	30.833	1863.139	2165.811	1.473	1.119	536.729	1	14.771
5/16/2017 11:30	480600	13.525	17.684	30.828	1862.824	2165.42	1.472	1.119	536.819	1	14.775
5/16/2017 11:45	481500	13.521	17.685	30.819	1863.026	2165.582	1.473	1.119	536.761	1	14.779
5/16/2017 12:00	482400	13.525	17.683	30.828	1863.485	2166.15	1.473	1.119	536.643	1	14.783
5/16/2017 12:15	483300	13.529	17.683	30.838	1863.275	2165.973	1.473	1.119	536.69	1	14.771
5/16/2017 12:30	484200	13.52	17.683	30.817	1863.419	2166.132	1.473	1.119	536.648	1	14.78
5/16/2017 12:45	485100	13.523	17.683	30.823	1862.284	2164.838	1.472	1.118	536.975	1	14.78
5/16/2017 13:00	486000	13.527	17.683	30.833	1862.44	2165.032	1.472	1.119	536.93	1	14.78
5/16/2017 13:15	486900	13.521	17.682	30.818	1862.116	2164.668	1.472	1.118	537.023	1	14.783
5/16/2017 13:30	487800	13.532	17.683	30.843	1862.524	2165.1	1.472	1.119	536.906	1	14.78
5/16/2017 13:45	488700	13.525	17.683	30.828	1862.039	2164.557	1.472	1.118	537.046	1	14.784
5/16/2017 14:00	489600	13.521	17.682	30.819	1862.087	2164.631	1.472	1.118	537.032	1	14.784
5/16/2017 14:15	490500	13.52	17.681	30.817	1861.38	2163.884	1.471	1.118	537.236	1	14.785
5/16/2017 14:30	491400	13.528	17.684	30.834	1862.769	2165.355	1.472	1.119	536.835	1	14.784
5/16/2017 14:45	492300	13.524	17.684	30.826	1864.208	2166.999	1.474	1.12	536.421	1	14.784
5/16/2017 15:00	493200	13.526	17.682	30.829	1864.768	2167.789	1.474	1.12	536.26	1	14.784
5/16/2017 15:15	494100	13.528	17.682	30.833	1862.884	2165.561	1.473	1.119	536.802	1	14.781
5/16/2017 15:30	495000	13.528	17.682	30.835	1863.938	2166.791	1.473	1.119	536.498	1	14.782
5/16/2017 15:45	495900	13.529	17.683	30.836	1863.273	2166	1.473	1.119	536.69	1	14.786
5/16/2017 16:00	496800	13.535	17.683	30.85	1863.423	2166.158	1.473	1.119	536.647	1	14.777
5/16/2017 16:15	497700	13.533	17.684	30.845	1863.404	2166.094	1.473	1.119	536.652	1	14.78
5/16/2017 16:30	498600	13.536	17.684	30.853	1862.343	2164.852	1.472	1.118	536.958	1	14.775
5/16/2017 16:45	499500	13.536	17.684	30.852	1863.43	2165.122	1.473	1.119	536.644	1	14.776
5/16/2017 17:00	500400	13.536	17.683	30.853	1863.027	2165.684	1.473	1.119	536.761	1	14.774
5/16/2017 17:15	501300	13.534	17.683	30.848	1863.676	2166.448	1.473	1.119	536.574	1	14.778
5/16/2017 17:30	502200	13.542	17.684	30.866	1863.611	2166.322	1.473	1.119	536.593	1	14.774
5/16/2017 17:45	503100	13.536	17.684	30.853	1865.736	2168.796	1.475	1.121	535.981	1	14.78
5/16/2017 18:00	504000	13.534	17.684	30.848	1866.966	2170.204	1.476	1.121	535.629	1	14.782
5/16/2017 18:15	504900	13.536	17.683	30.853	1862.939	2167.353	1.476	1.121	535.336	1	14.776
5/16/2017 18:30	505800	13.532	17.684	30.843	1866.684	2169.886	1.476	1.121	535.709	1	14.779
5/16/2017 18:45	506700	13.54	17.683	30.862	1866.66	2169.9	1.476	1.121	535.716	1	14.77
5/16/2017 19:00	507600	13.543	17.684	30.87	1866.232	2169.385	1.475	1.121	535.839	1	14.774
5/16/2017 19:15	508500	13.534	17.685	30.848	1866.423	2169.564	1.475	1.121	535.784	1	14.777
5/16/2017 19:30	509400	13.538	17.684	30.858	1866.135	2169.273	1.475	1.121	535.867	1	14.772
5/16/2017 19:45	510300	13.535	17.682	30.851	1865.446	2168.53	1.475	1.12	536.065	1	14.78
5/16/2017 20:00	511200	13.534	17.685	30.849	1865.697	2168.7	1.475	1.121	535.993	1	14.776
5/16/2017 20:15	512100	13.536	17.685	30.852	1865.646	2168.632	1.475	1.12	536.008	1	14.775
5/16/2017 20:30	513000	13.546	17.684	30.875	1866.661	2169.846	1.475	1.121	535.71	1	14.771
5/16/2017 20:45	513900	13.541	17.684	30.863	1867.106	2170.389	1.476	1.121	535.588	1	14.775
5/16/2017 21:00	514800	13.534	17.684	30.849	1866.047	2169.175	1.475	1.121	535.892	1	14.777
5/16/2017 21:15	515700	13.538	17.683	30.857	1865.747	2169.887	1.475	1.121	535.978	1	14.778
5/16/2017 21:30	516600	13.539	17.683	30.86	1865.057	2168.069	1.474	1.12	536.177	1	14.772
5/16/2017 21:45	517500	13.533	17.684	30.846	1864.205	2167.025	1.474	1.12	536.422	1	14.779
5/16/2017 22:00	518400	13.534	17.684	30.848	1864.787	2167.68	1.474	1.12	536.254	1	14.782
5/16/2017 22:15	519300	13.538	17.684	30.858	1864.649	2167.541	1.474	1.12	536.294	1	14.779
5/16/2017 22:30	520200	13.528	17.683	30.834	1865.538	2168.612	1.475	1.12	536.038	1	14.785
5/16/2017 22:45	521100	13.532	17.684	30.843	1866.162	2169.282	1.475	1.12	535.859	1	14.786
5/16/2017 23:00	522000	13.534	17.684	30.848	1866.404	2169.594	1.475	1.121	535.79	1	14.784
5/16/2017 23:15	522900	13.537	17.6								

Report Date:	5/19/2017 8:55		
Report User Name:	AVanHaitsma		
Report Computer Name:	WKST34		
Application:	WinSitu.exe		
Application Version:	5.6.25.0		

Log File Properties			
File Name	MPWSP MW-8D LT_Test_2017-05-18_17-50-26-831-BaroMerge.wsl		
Create Date	5/19/2017 8:52		

Device Properties			
Device	Aqua TROLL 200		
Site	MPWSP MW-8D		
Device Name			
Serial Number	469355		
Firmware Version	2.01		
Hardware Version	4		
Device Address	1		
Device Comm Cfg	19200	8 Even	1 (Modbus-RTU)
Used Memory	0		
Used Battery	4		

Log Configuration			
Log Name	MPWSP MW-8D LT Test		
Created By	EHernandez		
Computer Name	PROBOOK10		
Application	WinSitu.exe		
Application Version	5.6.27.1		
Create Date	2/9/2017 5:44:45 AM Pacific Standard Time		
Log Setup Time Zone	Pacific Standard Time		
Notes Size(bytes)	4096		
Overwrite when full	Enabled		
Scheduled Start Time	2/9/2017 8:00:00 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:	33.6774 (ft)		
Head Pressure:	14.7753 (PSI)		
Temperature:	20.9557 (C)		
Specific Conductivity Model:	Standard Methods		
Reference Temperature:	25		
Temperature Coefficient:	0.0191		
TDS Factor:	0.68		

Log Notes:			
Date and Time	Note		
2/9/2017 5:44 Used Battery: 4% Used Memory: 3% User Name: EHernandez			
2/16/2017 11:53 Log Download - Used Battery: 4% Used Memory: 3% User Name: WMassoll Interval - Start Time: 2/8/2017 10:00:00 PM Stop Time: 2/16/2017 12:15:00 PM			
2/16/2017 11:55 Log Download - Used Battery: 4% Used Memory: 3% User Name: WMassoll Interval - Start Time: 2/8/2017 10:00:00 PM Stop Time: 2/16/2017 12:45:00 PM			
2/22/2017 17:31 Log Download - Used Battery: 5% Used Memory: 4% User Name: EHernandez Interval - Start Time: 2/15/2017 12:00:00 AM Stop Time: 2/22/2017 2:15:00 PM			
2/23/2017 14:04 Log Download - Used Battery: 5% Used Memory: 4% User Name: EHernandez Interval - Start Time: 2/15/2017 12:00:00 AM Stop Time: 2/23/2017 3:00:00 PM			
3/2/2017 15:57 Log Download - Used Battery: 5% Used Memory: 4% User Name: SKuiper Interval - Start Time: 2/9/2017 8:00:00 AM Stop Time: 3/2/2017 4:45:00 PM			
3/9/2017 12:07 Log Download - Used Battery: 6% Used Memory: 6% User Name: WMassoll Interval - Start Time: 3/1/2017 11:30:00 PM Stop Time: 3/9/2017 12:30:00 PM			
3/16/2017 16:05 Log Download - Used Battery: 6% Used Memory: 6% User Name: WMassoll Interval - Start Time: 3/8/2017 10:00:00 PM Stop Time: 3/16/2017 5:00:00 PM			
3/23/2017 14:16 Log Download - Used Battery: 6% Used Memory: 7% User Name: AVanHaitsma Interval - Start Time: 3/15/2017 10:00:00 PM Stop Time: 3/23/2017 3:15:00 PM			
3/30/2017 12:26 Log Download - Used Battery: 7% Used Memory: 7% User Name: AVanHaitsma Interval - Start Time: 3/22/2017 10:00:00 PM Stop Time: 3/30/2017 1:15:00 PM			
4/6/2017 12:59 Log Download - Used Battery: 7% Used Memory: 9% User Name: WMassoll Interval - Start Time: 2/28/2017 12:00:00 PM Stop Time: 4/6/2017 1:45:00 PM			
4/13/2017 11:09 Log Download - Used Battery: 7% Used Memory: 9% User Name: WMassoll Interval - Start Time: 4/5/2017 12:00:00 PM Stop Time: 4/13/2017 12:00:00 PM			
4/20/2017 11:30 Log Download - Used Battery: 8% Used Memory: 10% User Name: AVanHaitsma Interval - Start Time: 4/12/2017 10:00:00 PM Stop Time: 4/20/2017 12:15:00 PM			
4/27/2017 12:00 Log Download - Used Battery: 8% Used Memory: 10% User Name: WMassoll Interval - Start Time: 4/19/2017 10:00:00 PM Stop Time: 4/27/2017 1:00:00 PM			
5/4/2017 11:54 Log Download - Used Battery: 8% Used Memory: 12% User Name: AVanHaitsma Interval - Start Time: 3/31/2017 10:00:00 PM Stop Time: 5/4/2017 12:45:00 PM			
5/11/2017 11:02 Log Download - Used Battery: 9% Used Memory: 12% User Name: AVanHaitsma Interval - Start Time: 5/3/2017 10:00:00 PM Stop Time: 5/11/2017 11:00:00 AM			
5/18/2017 17:49 Log Download - Used Battery: 9% Used Memory: 14% User Name: WMassoll Interval - Start Time: 5/10/2017 10:00:00 PM Stop Time: 5/18/2017 6:45:00 PM			
5/19/2017 8:52 User Note: "Pressure & Level adjusted by baro data from: "MPWSP Barotroll_2017-05-18_53-25-090.wsl""			

Log Data:			
Record Count	752		

Sensors			
	2		
	1		469355 PCTD 300 PSIA (200.7m/658.7ft)
	2		0 Baro-Adjustment Calc

Time Zone: Pacific Daylight Time			
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		Sensor: PCTD(A) 658.7ft SNR: 469355	Sensor: PCTD(A) 658.7ft SNR: 469355	Sensor: PCTD(A) 658.7ft SNR: 469355	Sensor: PCTD(A) 658.7ft SNR: 469355	Sensor: PCTD(A) 658.7ft SNR: 469355	Sensor: PCTD(A) 658.7ft SNR: 469355	Sensor: PCTD(A) 658.7ft SNR: 469355	Sensor: PCTD(A) 658.7ft SNR: 469355	Sensor: Baro-Adj Calc SNR: 000000	
	Elapsed Time Seconds	Corrected Pressure (PSI)	Corrected 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)
5/11/2017 0:00	7200	130.79	20.409	298.112	14600.097	16003.485	9.472	10.882	68.493	1.005	14.804
5/11/2017 0:15	8100	130.783	20.409	298.094	14615.215	16019.911	9.482	10.894	68.422	1.005	14.8
5/11/2017 0:30	9000	130.787	20.411	298.105	14606.265	16009.338	9.476	10.886	68.464	1.005	14.805
5/11/2017 0:45	9900	130.804	20.415	298.142	14594.808	15995.467	9.467	10.877	68.518	1.005	14.808
5/11/2017 1:00	10600	130.812	20.411	298.16	14615.596	16019.886	9.482	10.894	68.42	1.005	14.804
5/11/2017 1:15	11700	130.77	20.411	298.065	14603.939	16006.848	9.474	10.885	68.475	1.005	14.806
5/11/2017 1:30	12600	130.795	20.409	298.123	14598.243	16001.481	9.471	10.881	68.501	1.005	14.803
5/11/2017 1:45	13500	130.771	20.412	298.067	14619.813	16023.924	9.485	10.896	68.4	1.005	14.802
5/11/2017 2:00	14400	130.786	20.41	298.101	14611.993	16016.085	9.48	10.891	68.437	1.005	14.803
5/11/2017 2:15	15300	130.747	20.408	298.012	14618.632	16023.979	9.485	10.896	68.406	1.005	14.797
5/11/2017 2:30	16200	130.761	20.409	298.046	14615.219	16019.806	9.482	10.894	68.422	1.005	14.8
5/11/2017 2:45	17100	130.761	20.41	298.044	14612.662	16016.791	9.48	10.891	68.434	1.005	14.804
5/11/2017 3:00	18000	130.751	20.406	298.022	14621.002	16027.217	9.487	10.899	68.395	1.005	14.801
5/11/2017 3:15	18900	130.72	20.406	297.952	14619.753	16026.08	9.486	10.898	68.401	1.005	14.802
5/11/2017 3:30	19800	130.705	20.415	297.917	14621.047	16024.52	9.485	10.897	68.395	1.005	14.799
5/11/2017 3:45	20700	130.723	20.407	297.958	14623.857	16030.026	9.489	10.9	68.381	1.005	14.803
5/11/2017 4:00	21600	130.679	20.409	297.859	14627.278	16033.161	9.491	10.903	68.365	1.005	14.802
5/11/2017 4:15	22500	130.666	20.412	297.827	14640.707	16046.974	9.5	10.912	68.303	1.005	14.801
5/11/2017 4:30	23400	130.688	20.411	297.878	14637.167	16043.501	9.498	10.91	68.319	1.005	14.807
5/11/2017 4:45	24300	130.653	20.409	297.798	14638.87	16045.985	9.499	10.911	68.311	1.005	14.805
5/11/2017 5:00	25200	130.679	20.401	297.857	14630.228	16039.057	9.495	10.907	68.352	1.005	14.802
5/11/2017 5:15	26100	130.635	20.41	297.756	14634.462	16040.888	9.496	10.908	68.332	1.005	14.8
5/11/2017 5:30	27000	130.647	20.407	297.785	14639.176	16046.417	9.5	10.912	68.31	1.005	14.805
5/11/2017 5:45	27900	130.606	20.409	297.69	14640.679	16048.053	9.5	10.913	68.303	1.005	14.802
5/11/2017 6:00	28800	130.601	20.398	297.68	14635.52	16045.824	9.499	10.911	68.327	1.005	14.807
5/11/2017 6:15	29700	130.615	20.407	297.711	14635.429	16042.68	9.497	10.909	68.327	1.005	14.814
5/11/2017 6:30	30600	130.575	20.413	297.62	14640.841	16046.738	9.5	10.912	68.302	1.005	14.815
5/11/2017 6:45	31500	130.597	20.409	297.67	14644.791	16052.33	9.503	10.916	68.284	1.005	14.815
5/11/2017 7:00	32400	130.59	20.41	297.654	14648.369	16055.839	9.505	10.918	68.267	1.005	14.814
5/11/2017 7:15	33300	130.54	20.409	297.541	14638.78	16045.856	9.499	10.911	68.312	1.005	14.815
5/11/2017 7:30	34200	130.578	20.407	297.627	14645.604	16053.833	9.504	10.917	68.28	1.005	14.809
5/11/2017 7:45	35100	130.544	20.413	297.551	14652.069	16058.955	9.507	10.92	68.25	1.005	14.812
5/11/2017 8:00	36000	130.558	20.414	297.583	14652.313	16059.047	9.508	10.92	68.249	1.005	14.817
5/11/2017 8:15	36900	130.522	20.405	297.499	14653.852	16063.577	9.51	10.923	68.241	1.005	14.822
5/11/2017 8:30	37800	130.556	20.406	297.579	14652.05	16061.368	9.509	10.922	68.25	1.005	14.814
5/11/2017 8:45	38700	130.556	20.407	297.578	14668.734	16079.394	9.521	10.934	68.172	1.005	14.816
5/11/2017 9:00	39600	130.527	20.408	297.512	14665.318	16075.298	9.518	10.931	68.188	1.005	14.81
5/11/2017 9:15	40500	130.56	20.408	297.586	14660.809	16070.385	9.515	10.928	68.209	1.005	14.815
5/11/2017 9:30	41400	130.521	20.406	297.497	14674.043	16085.533	9.524	10.938	68.148	1.005	14.814
5											

5/12/2017 5:15	112500	130.503	20.406	297.457	14800.72	16224.366	9.614	11.033	67.564	1.005	14.811
5/12/2017 5:30	113400	130.49	20.407	297.428	14809.84	16233.861	9.62	11.039	67.523	1.005	14.812
5/12/2017 5:45	114300	130.522	20.408	297.501	14802.882	16225.879	9.615	11.034	67.554	1.005	14.811
5/12/2017 6:00	115200	130.506	20.413	297.463	14804.518	16226.07	9.615	11.034	67.547	1.005	14.81
5/12/2017 6:15	116100	130.458	20.409	297.355	14812.966	16236.845	9.622	11.041	67.508	1.005	14.817
5/12/2017 6:30	117000	130.484	20.412	297.437	14809.047	16231.39	9.618	11.037	67.526	1.005	14.814
5/12/2017 6:45	117800	130.455	20.403	297.325	14808.156	16233.778	9.619	11.039	67.53	1.005	14.817
5/12/2017 7:00	118800	130.435	20.407	297.302	14821.788	16247.05	9.628	11.048	67.468	1.005	14.817
5/12/2017 7:15	119700	130.428	20.408	297.286	14825.915	16251.425	9.631	11.051	67.449	1.005	14.815
5/12/2017 7:30	120600	130.414	20.41	297.255	14813.133	16236.644	9.622	11.041	67.508	1.005	14.818
5/12/2017 7:45	121500	130.428	20.408	297.286	14815.762	16240.267	9.624	11.043	67.496	1.005	14.818
5/12/2017 8:00	122400	130.402	20.409	297.226	14809.802	16233.404	9.619	11.039	67.523	1.005	14.818
5/12/2017 8:15	123300	130.425	20.41	297.28	14815.259	16239.002	9.623	11.043	67.498	1.005	14.815
5/12/2017 8:30	124200	130.38	20.408	297.177	14812.804	16236.846	9.622	11.041	67.509	1.005	14.82
5/12/2017 8:45	125100	130.415	20.41	297.256	14816.688	16240.54	9.624	11.044	67.491	1.005	14.815
5/12/2017 9:00	126000	130.386	20.406	297.189	14820.274	16245.626	9.627	11.047	67.475	1.005	14.818
5/12/2017 9:15	126900	130.375	20.412	297.166	14837.09	16262.22	9.638	11.058	67.399	1.005	14.813
5/12/2017 9:30	127800	130.374	20.412	297.163	14829.05	16253.379	9.632	11.052	67.435	1.005	14.818
5/12/2017 9:45	128700	130.389	20.406	297.196	14820.421	16245.872	9.627	11.047	67.474	1.005	14.812
5/12/2017 10:00	129600	130.412	20.41	297.249	14828.05	16252.814	9.632	11.052	67.44	1.005	14.815
5/12/2017 10:15	130500	130.384	20.413	297.186	14831.174	16255.349	9.634	11.054	67.426	1.005	14.816
5/12/2017 10:30	131400	130.381	20.404	297.179	14825.516	16252.347	9.632	11.052	67.451	1.005	14.815
5/12/2017 10:45	132300	130.423	20.413	297.275	14842.26	16267.646	9.641	11.062	67.375	1.005	14.816
5/12/2017 11:00	133200	130.387	20.409	297.193	14831.008	16256.384	9.634	11.054	67.426	1.005	14.817
5/12/2017 11:15	134100	130.432	20.409	297.295	14829.894	16255.251	9.633	11.054	67.431	1.005	14.812
5/12/2017 11:30	135000	130.398	20.405	297.217	14832.808	16259.837	9.636	11.057	67.418	1.005	14.815
5/12/2017 11:45	135900	130.448	20.409	297.33	14857.573	16285.502	9.653	11.074	67.306	1.005	14.812
5/12/2017 12:00	136800	130.417	20.408	297.261	14841.358	16268.055	9.642	11.062	67.379	1.005	14.808
5/12/2017 12:15	137700	130.45	20.413	297.336	14843.822	16269.12	9.642	11.063	67.368	1.005	14.811
5/12/2017 12:30	138600	130.469	20.407	297.38	14846.457	16274.118	9.646	11.066	67.356	1.005	14.805
5/12/2017 12:45	139500	130.452	20.402	297.341	14861.193	16292.023	9.657	11.079	67.289	1.005	14.803
5/12/2017 13:00	140400	130.454	20.408	297.345	14849.711	16277.449	9.648	11.069	67.341	1.005	14.802
5/12/2017 13:15	141300	130.485	20.41	297.415	14875.143	16304.612	9.665	11.087	67.226	1.005	14.803
5/12/2017 13:30	142200	130.466	20.405	297.372	14857.449	16286.998	9.654	11.075	67.306	1.005	14.8
5/12/2017 13:45	143100	130.467	20.409	297.375	14860.127	16288.362	9.655	11.076	67.294	1.005	14.802
5/12/2017 14:00	144000	130.486	20.41	297.418	14868.66	16297.476	9.661	11.082	67.256	1.005	14.798
5/12/2017 14:15	144900	130.480	20.409	297.425	14865.434	16294.057	9.658	11.08	67.27	1.005	14.792
5/12/2017 14:30	145800	130.519	20.416	297.492	14856.59	16282.107	9.651	11.072	67.31	1.005	14.798
5/12/2017 14:45	146700	130.542	20.41	297.545	14868.787	16297.555	9.661	11.082	67.255	1.005	14.788
5/12/2017 15:00	147600	130.494	20.41	297.436	14874.966	16304.327	9.665	11.087	67.227	1.005	14.794
5/12/2017 15:15	148500	130.544	20.405	297.55	14869.7	16300.279	9.662	11.084	67.251	1.005	14.789
5/12/2017 15:30	149400	130.532	20.401	297.523	14872.678	16301.791	9.663	11.085	67.237	1.005	14.783
5/12/2017 15:45	150300	130.549	20.409	297.599	14874.923	16304.757	9.665	11.087	67.265	1.005	14.787
5/12/2017 16:00	151200	130.529	20.407	297.517	14890.177	16322.015	9.676	11.099	67.158	1.005	14.777
5/12/2017 16:15	152100	130.564	20.413	297.595	14884.114	16313.252	9.671	11.093	67.186	1.005	14.784
5/12/2017 16:30	153000	130.547	20.41	297.556	14867.287	16296.03	9.66	11.081	67.262	1.005	14.774
5/12/2017 16:45	153900	130.545	20.411	297.553	14879.161	16308.597	9.668	11.09	67.208	1.005	14.779
5/12/2017 17:00	154800	130.541	20.406	297.542	14892.47	16324.882	9.678	11.101	67.148	1.005	14.784
5/12/2017 17:15	155700	130.576	20.412	297.627	14917.649	16339.557	9.688	11.111	67.08	1.005	14.786
5/12/2017 17:30	156600	130.551	20.405	297.567	14914.109	16348.814	9.694	11.117	67.051	1.005	14.782
5/12/2017 17:45	157500	130.588	20.406	297.651	14898.926	16331.899	9.683	11.106	67.119	1.005	14.778
5/12/2017 18:00	158400	130.553	20.413	297.57	14892.716	16322.831	9.677	11.1	67.147	1.005	14.78
5/12/2017 18:15	159300	130.546	20.415	297.555	14889.709	16318.702	9.674	11.097	67.16	1.005	14.779
5/12/2017 18:30	160200	130.591	20.41	297.657	14894.367	16325.713	9.679	11.101	67.139	1.005	14.781
5/12/2017 18:45	161100	130.559	20.409	297.584	14906.443	16339.308	9.687	11.111	67.085	1.005	14.779
5/12/2017 19:00	162000	130.571	20.41	297.613	14905.477	16326.958	9.68	11.102	67.134	1.005	14.782
5/12/2017 19:15	162900	130.601	20.407	297.681	14896.165	16328.606	9.681	11.103	67.131	1.005	14.777
5/12/2017 19:30	163800	130.577	20.405	297.625	14896.386	16329.623	9.681	11.104	67.13	1.005	14.777
5/12/2017 19:45	164700	130.567	20.409	297.602	14904.718	16337.267	9.686	11.109	67.093	1.005	14.787
5/12/2017 20:00	165600	130.579	20.407	297.63	14904.521	16337.882	9.687	11.11	67.094	1.005	14.78
5/12/2017 20:15	166500	130.587	20.408	297.648	14905.557	16338.633	9.687	11.11	67.089	1.005	14.775
5/12/2017 20:30	167400	130.611	20.404	297.704	14909.007	16343.694	9.69	11.114	67.074	1.005	14.781
5/12/2017 20:45	168300	130.58	20.408	297.633	14908.342	16341.508	9.689	11.112	67.077	1.005	14.786
5/12/2017 21:00	169200	130.62	20.411	297.723	14902.721	16334.331	9.684	11.107	67.102	1.005	14.785
5/12/2017 21:15	170100	130.638	20.408	297.764	14902.572	16335.216	9.685	11.108	67.103	1.005	14.781
5/12/2017 21:30	171000	130.636	20.41	297.76	14910.09	16342.77	9.69	11.113	67.069	1.005	14.79
5/12/2017 21:45	171900	130.622	20.411	297.728	14910.855	16343.219	9.69	11.113	67.065	1.005	14.795
5/12/2017 22:00	172800	130.633	20.413	297.753	14917.261	16349.553	9.694	11.118	67.036	1.005	14.791
5/12/2017 22:15	173700	130.618	20.417	297.72	14906	16336.078	9.685	11.109	67.087	1.005	14.785
5/12/2017 22:30	174600	130.67	20.407	297.838	14913.865	16348.009	9.693	11.117	67.052	1.005	14.796
5/12/2017 22:45	175500	130.656	20.408	297.805	14911.443	16344.907	9.691	11.115	67.063	1.005	14.794
5/12/2017 23:00	176400	130.661	20.408	297.816	14910.633	16344.051	9.691	11.114	67.066	1.005	14.795
5/12/2017 23:15	177300	130.704	20.412	297.915	14910.731	16342.935	9.69	11.113	67.066	1.005	14.794
5/12/2017 23:30	178200	130.682	20.412	297.865	14907.182	16338.965	9.687	11.11	67.082	1.005	14.792
5/12/2017 23:45	179100	130.713	20.412	297.935	14910.832	16343.131	9.69	11.113	67.065	1.005	14.79
5/13/2017 0:00	180000	130.696	20.412	297.898	14908.216	16340.025	9.688	11.111	67.077	1.005	14.79
5/13/2017 0:15	180900	130.726	20.413	297.965	14906.32	16337.68	9.686	11.11	67.086	1.005	14.792
5/13/2017 0:30	181800	130.695	20.409	297.895	14910.164	16343.114	9.69	11.113	67.068	1.005	14.793
5/13/2017 0:45	182700	130.742	20.416	298.002	14901.661	16331.446	9.682	11.105	67.107	1.005	14.796
5/13/2017 1:00	183600	130.75	20.412	298.019	14911.519	16341.184	9.691	11.114	67.092	1.005	14.792
5/13/2017 1:15	184500	130.73	20.411	297.974	14913.688	16346.353	9.692	11.116	67.052	1.005	14.789
5/13/2017 1:30	185400	130.735	20.405	297.986	14923.449	16359.082	9.7	11.124	67.009	1.005	14.789
5/13/2017 1:45	186300	130.761	20.409	298.045	14912.923	16346.20					

5/14/2017 10:00	302400	130.4	20405	297.223	15010.873	16455.002	9.762	11.189	66.618	1.006	14.718
5/14/2017 10:15	303300	130.396	20403	297.214	15016.713	16462.277	9.766	11.194	66.592	1.006	14.713
5/14/2017 10:30	304200	130.398	20402	297.217	15017.662	16463.527	9.767	11.195	66.588	1.006	14.709
5/14/2017 10:45	305100	130.41	20409	297.245	15020.535	16464.094	9.768	11.196	66.576	1.006	14.717
5/14/2017 11:00	306000	130.367	20406	297.147	15016.576	16460.865	9.766	11.193	66.593	1.006	14.723
5/14/2017 11:15	306900	130.4	20401	297.222	15020.83	16464.801	9.768	11.196	66.574	1.006	14.716
5/14/2017 11:30	307800	130.398	20412	297.217	15021.181	16470.656	9.772	11.2	66.546	1.006	14.714
5/14/2017 11:45	308700	130.366	2041	297.145	15022.217	16465.67	9.769	11.197	66.568	1.006	14.715
5/14/2017 12:00	309600	130.401	20411	297.224	15021.03	16464.246	9.768	11.196	66.573	1.006	14.719
5/14/2017 12:15	310500	130.38	20406	297.177	15030.635	16476.457	9.776	11.204	66.531	1.006	14.721
5/14/2017 12:30	311400	130.365	20407	297.142	15030.46	16475.906	9.775	11.204	66.532	1.006	14.723
5/14/2017 12:45	312300	130.404	20404	297.132	15031.813	16478.17	9.777	11.205	66.526	1.006	14.726
5/14/2017 13:00	313200	130.396	20409	297.212	15038.937	16484.397	9.781	11.209	66.494	1.006	14.725
5/14/2017 13:15	314100	130.395	20417	297.209	15033.012	16475.037	9.775	11.203	66.52	1.006	14.722
5/14/2017 13:30	315000	130.399	20409	297.219	15039.789	16485.35	9.781	11.21	66.49	1.006	14.722
5/14/2017 13:45	315900	130.392	2041	297.202	15038.439	16483.51	9.78	11.209	66.496	1.006	14.728
5/14/2017 14:00	316800	130.378	20406	297.171	15042.752	16489.74	9.784	11.213	66.477	1.006	14.724
5/14/2017 14:15	317700	130.369	20409	297.151	15052.299	16499.213	9.79	11.219	66.435	1.006	14.723
5/14/2017 14:30	318600	130.376	20402	297.166	15047.915	16496.541	9.789	11.218	66.454	1.006	14.726
5/14/2017 14:45	319500	130.383	20406	297.182	15051.313	16498.973	9.79	11.219	66.439	1.006	14.721
5/14/2017 15:00	320400	130.417	20409	297.26	15063.148	16510.982	9.798	11.227	66.387	1.006	14.718
5/14/2017 15:15	321300	130.425	20413	297.278	15052.669	16498.264	9.79	11.219	66.433	1.006	14.713
5/14/2017 15:30	322200	130.382	20404	297.181	15053.195	16501.609	9.792	11.221	66.431	1.006	14.715
5/14/2017 15:45	323100	130.387	20405	297.193	15060.543	16509.574	9.797	11.227	66.399	1.006	14.716
5/14/2017 16:00	324000	130.424	20413	297.277	15062.179	16508.387	9.796	11.226	66.391	1.006	14.714
5/14/2017 16:15	324900	130.43	20409	297.29	15066.903	16515.041	9.8	11.23	66.371	1.006	14.71
5/14/2017 16:30	325800	130.393	20408	297.205	15062.796	16510.779	9.798	11.227	66.389	1.006	14.711
5/14/2017 16:45	326700	130.433	20405	297.297	15061.951	16510.938	9.798	11.227	66.392	1.006	14.703
5/14/2017 17:00	327600	130.382	20417	297.181	15072.325	16518.332	9.803	11.232	66.347	1.006	14.707
5/14/2017 17:15	328500	130.415	20409	297.257	15076.642	16525.773	9.807	11.238	66.328	1.006	14.706
5/14/2017 17:30	329400	130.484	20405	297.253	15077.767	16528.332	9.809	11.239	66.323	1.006	14.705
5/14/2017 17:45	330300	130.407	20412	297.238	15081.416	16530.043	9.81	11.24	66.307	1.006	14.703
5/14/2017 18:00	331200	130.407	20406	297.239	15074.303	16524.295	9.806	11.237	66.338	1.006	14.71
5/14/2017 18:15	332100	130.432	20412	297.294	15080.96	16529.332	9.81	11.24	66.309	1.006	14.701
5/14/2017 18:30	333000	130.433	20411	297.298	15084.947	16534.121	9.813	11.243	66.291	1.006	14.707
5/14/2017 18:45	333900	130.413	20406	297.252	15089.624	16541.061	9.817	11.248	66.271	1.006	14.708
5/14/2017 19:00	334800	130.407	20407	297.322	15101.643	16553.754	9.825	11.257	66.218	1.006	14.718
5/14/2017 19:15	335700	130.445	20409	297.325	15084.775	16534.721	9.813	11.244	66.292	1.006	14.702
5/14/2017 19:30	336600	130.411	20407	297.247	15098.172	16550.039	9.823	11.254	66.233	1.006	14.705
5/14/2017 19:45	337500	130.425	20412	297.28	15096.131	16546.229	9.821	11.251	66.242	1.006	14.701
5/14/2017 20:00	338400	130.452	20413	297.339	15091.316	16540.621	9.817	11.248	66.263	1.006	14.701
5/14/2017 20:15	339300	130.46	2041	297.359	15104.754	16556.225	9.827	11.258	66.204	1.006	14.698
5/14/2017 20:30	340200	130.445	20425	297.325	15096.967	16547.613	9.821	11.252	66.238	1.006	14.728
5/14/2017 20:45	341100	130.43	20408	297.291	15082.319	16532.328	9.812	11.242	66.203	1.006	14.699
5/14/2017 21:00	342000	130.452	2041	297.34	15097.589	16548.465	9.822	11.253	66.236	1.006	14.701
5/14/2017 21:15	342900	130.459	20412	297.357	15103.745	16554.393	9.826	11.257	66.209	1.006	14.7
5/14/2017 21:30	343800	130.444	20413	297.323	15104.105	16554.367	9.826	11.257	66.207	1.006	14.694
5/14/2017 21:45	344700	130.47	20411	297.382	15107.575	16559.135	9.829	11.26	66.192	1.006	14.693
5/14/2017 22:00	345600	130.440	20417	297.313	15110.517	16560.15	9.83	11.261	66.179	1.006	14.694
5/14/2017 22:15	346500	130.486	20408	297.418	15115.849	16569.143	9.835	11.267	66.156	1.006	14.704
5/14/2017 22:30	347400	130.463	20406	297.366	15115.231	16569.221	9.835	11.267	66.158	1.006	14.701
5/14/2017 22:45	348300	130.499	20405	297.448	15117.258	16571.594	9.837	11.269	66.15	1.006	14.697
5/14/2017 23:00	349200	130.469	20405	297.38	15118.126	16572.486	9.837	11.269	66.146	1.006	14.7
5/14/2017 23:15	350100	130.519	20405	297.493	15122.18	16577.018	9.84	11.272	66.128	1.006	14.696
5/14/2017 23:30	351000	130.516	20412	297.487	15117.259	16569.387	9.835	11.267	66.15	1.006	14.699
5/14/2017 23:45	351900	130.5	20408	297.449	15117.563	16570.811	9.836	11.268	66.148	1.006	14.696
5/15/2017 0:00	352800	130.498	20413	297.446	15122.892	16575.139	9.839	11.271	66.125	1.006	14.698
5/15/2017 0:15	353700	130.534	20408	297.528	15122.479	16576.293	9.84	11.272	66.127	1.006	14.692
5/15/2017 0:30	354600	130.54	20406	297.541	15120.044	16574.406	9.839	11.271	66.137	1.006	14.699
5/15/2017 0:45	355500	130.525	20406	297.507	15127.03	16581.855	9.843	11.276	66.107	1.006	14.697
5/15/2017 1:00	356400	130.552	20409	297.524	15126.312	16580.217	9.842	11.275	66.11	1.006	14.696
5/15/2017 1:15	357300	130.567	20411	297.602	15127.007	16580.602	9.843	11.275	66.103	1.006	14.695
5/15/2017 1:30	358200	130.571	20408	297.613	15131.842	16586.643	9.847	11.279	66.086	1.006	14.695
5/15/2017 1:45	359100	130.559	2041	297.585	15131.192	16585.268	9.846	11.278	66.089	1.006	14.691
5/15/2017 2:00	360000	130.592	20407	297.659	15128.944	16583.887	9.845	11.277	66.098	1.006	14.69
5/15/2017 2:15	360900	130.592	20411	297.661	15125.662	16578.961	9.842	11.274	66.113	1.006	14.69
5/15/2017 2:30	361800	130.596	20406	297.669	15133.355	16588.818	9.848	11.28	66.079	1.006	14.691
5/15/2017 2:45	362700	130.583	2041	297.64	15133.626	16587.764	9.847	11.28	66.071	1.006	14.686
5/15/2017 3:00	363600	130.605	20412	297.689	15131.095	16584.523	9.845	11.277	66.089	1.006	14.692
5/15/2017 3:15	364500	130.611	20412	297.702	15130.668	16583.967	9.845	11.277	66.091	1.006	14.688
5/15/2017 3:30	365400	130.616	20408	297.715	15134.639	16589.832	9.849	11.281	66.074	1.006	14.69
5/15/2017 3:45	366300	130.589	20411	297.653	15133.55	16587.393	9.847	11.279	66.078	1.006	14.688
5/15/2017 4:00	367200	130.582	20411	297.636	15135.162	16589.225	9.848	11.281	66.071	1.006	14.684
5/15/2017 4:15	368100	130.615	20415	297.718	15139.229	16592.414	9.85	11.283	66.054	1.006	14.684
5/15/2017 4:30	369000	130.595	20409	297.665	15133.292	16587.99	9.847	11.28	66.079	1.006	14.68
5/15/2017 4:45	369900	130.588	20406	297.651	15131.581	16586.961	9.847	11.279	66.087	1.006	14.686
5/15/2017 5:00	370800	130.626	20408	297.737	15133.053	16587.939	9.847	11.28	66.081	1.006	14.682
5/15/2017 5:15	371700	130.601	2041	297.681	15136.589	16591	9.849	11.282	66.065	1.006	14.686
5/15/2017 5:30	372600	130.612	20411	297.704	15137.319	16591.525	9.85	11.282	66.062	1.006	14.682
5/15/2017 5:45	373500	130.603	20414	297.685	15140.569	16594.121	9.851	11.284	66.048	1.006	14.682
5/15/2017 6:00	374400	130.566	2041	297.601	15137.68	16592.258	9.85	11.283	66.06	1.006	14.682
5/15/2017 6:15	375300	130.561	2041	297.588	15133.638	16587.885	9.847	11.28	66.078	1.006	14.69
5/15/2017 6:30	376200	130.562	20407	297.592	15132.87	16588.164	9.848	11.28	66.081	1.006	14.686
5/15/2017 6:45	3771										

5/16/2017 14:45	492300	130.335	20.408	297.073	15199.455	16660.697	9.894	11.329	65.792	1.006	14.784
5/16/2017 15:00	493200	130.34	20.401	297.084	15198.789	16662.338	9.895	11.33	65.795	1.006	14.784
5/16/2017 15:15	494100	130.345	20.409	297.096	15212.543	16674.65	9.903	11.339	65.735	1.006	14.781
5/16/2017 15:30	495000	130.328	20.406	297.058	15211.143	16674.207	9.903	11.338	65.741	1.006	14.782
5/16/2017 15:45	495900	130.359	20.406	297.129	15203.555	16666.039	9.898	11.333	65.774	1.006	14.786
5/16/2017 16:00	496800	130.325	20.411	297.052	15204.553	16665.248	9.897	11.332	65.77	1.006	14.777
5/16/2017 16:15	497700	130.324	20.405	297.048	15214.551	16678.217	9.905	11.341	65.727	1.006	14.78
5/16/2017 16:30	498600	130.338	20.41	297.081	15211.386	16673.197	9.902	11.338	65.74	1.006	14.775
5/16/2017 16:45	499500	130.359	20.404	297.129	15214.122	16678.021	9.905	11.341	65.728	1.006	14.776
5/16/2017 17:00	500400	130.339	20.409	297.083	15216.724	16679.291	9.906	11.342	65.717	1.006	14.774
5/16/2017 17:15	501300	130.335	20.405	297.075	15221.308	16685.807	9.91	11.346	65.697	1.006	14.778
5/16/2017 17:30	502200	130.349	20.404	297.106	15222.196	16686.873	9.912	11.347	65.694	1.006	14.774
5/16/2017 17:45	503100	130.316	20.402	297.031	15226.758	16692.897	9.915	11.351	65.674	1.006	14.78
5/16/2017 18:00	504000	130.313	20.4	297.024	15237.05	16704.711	9.923	11.359	65.63	1.006	14.782
5/16/2017 18:15	504900	130.314	20.405	297.026	15233.688	16699.195	9.919	11.355	65.644	1.006	14.776
5/16/2017 18:30	505800	130.302	20.407	296.999	15238.92	16704.17	9.922	11.359	65.621	1.006	14.779
5/16/2017 18:45	506700	130.343	20.405	297.092	15234.009	16699.672	9.919	11.356	65.643	1.006	14.77
5/16/2017 19:00	507600	130.298	20.407	296.989	15235.146	16700.186	9.92	11.356	65.638	1.006	14.774
5/16/2017 19:15	508500	130.296	20.405	296.985	15240.567	16706.766	9.924	11.361	65.614	1.006	14.775
5/16/2017 19:30	509400	130.294	20.405	296.981	15241.471	16707.881	9.925	11.361	65.61	1.006	14.772
5/16/2017 19:45	510300	130.325	20.405	297.052	15245.195	16711.936	9.927	11.364	65.594	1.006	14.777
5/16/2017 20:00	511200	130.318	20.401	297.034	15246.761	16714.959	9.929	11.366	65.588	1.006	14.776
5/16/2017 20:15	512100	130.284	20.402	296.958	15247.237	16715.328	9.929	11.366	65.586	1.006	14.775
5/16/2017 20:30	513000	130.32	20.408	297.039	15252.174	16718.455	9.931	11.369	65.564	1.006	14.771
5/16/2017 20:45	513900	130.282	20.405	296.953	15260.4	16728.506	9.938	11.375	65.529	1.006	14.775
5/16/2017 21:00	514800	130.266	20.408	296.917	15260.773	16727.91	9.938	11.375	65.527	1.006	14.777
5/16/2017 21:15	515700	130.278	20.408	296.944	15257.797	16724.832	9.936	11.373	65.54	1.006	14.777
5/16/2017 21:30	516600	130.284	20.401	296.958	15256.053	16725.299	9.936	11.373	65.548	1.006	14.772
5/16/2017 21:45	517500	130.272	20.403	296.931	15254.389	16722.525	9.934	11.371	65.555	1.006	14.779
5/16/2017 22:00	518400	130.293	20.411	296.978	15265.164	16731.592	9.94	11.377	65.509	1.006	14.782
5/16/2017 22:15	519300	130.243	20.405	296.916	15263.195	16731.725	9.94	11.378	65.517	1.006	14.779
5/16/2017 22:30	520200	130.266	20.402	296.917	15259.965	16729.16	9.938	11.376	65.531	1.006	14.785
5/16/2017 22:45	521100	130.264	20.41	296.911	15269.516	16736.943	9.943	11.381	65.49	1.006	14.786
5/16/2017 23:00	522000	130.256	20.408	296.894	15268.923	16736.998	9.943	11.381	65.493	1.006	14.784
5/16/2017 23:15	522900	130.295	20.405	296.982	15268.609	16737.535	9.944	11.382	65.494	1.006	14.781
5/16/2017 23:30	523800	130.296	20.409	296.984	15269.59	16737.391	9.944	11.381	65.49	1.006	14.779
5/16/2017 23:45	524700	130.259	20.408	296.901	15283.353	16732.337	9.953	11.392	65.431	1.006	14.786
5/17/2017 0:00	525600	130.263	20.411	296.909	15271.192	16738.26	9.944	11.382	65.483	1.006	14.78
5/17/2017 0:15	526500	130.26	20.409	296.902	15274.574	16742.854	9.947	11.385	65.468	1.006	14.779
5/17/2017 0:30	527400	130.296	20.408	296.985	15274.456	16742.908	9.947	11.385	65.469	1.006	14.779
5/17/2017 0:45	528300	130.269	20.402	296.923	15278.625	16749.557	9.951	11.39	65.451	1.006	14.782
5/17/2017 1:00	529200	130.262	20.409	296.906	15278.783	16747.16	9.95	11.388	65.45	1.006	14.773
5/17/2017 1:15	530100	130.243	20.404	296.909	15285.589	16756.699	9.959	11.395	65.421	1.006	14.771
5/17/2017 1:30	531000	130.295	20.407	296.982	15287.824	16758.02	9.957	11.395	65.412	1.006	14.771
5/17/2017 1:45	531900	130.302	20.412	296.999	15287.379	16755.699	9.955	11.394	65.413	1.006	14.768
5/17/2017 2:00	532800	130.271	20.406	296.927	15288.49	16759.084	9.958	11.396	65.409	1.006	14.767
5/17/2017 2:15	533700	130.309	20.404	297.014	15295.337	16767.08	9.963	11.402	65.379	1.006	14.76
5/17/2017 2:30	534600	130.312	20.406	297.02	15304.934	16776.867	9.969	11.408	65.338	1.006	14.764
5/17/2017 2:45	535500	130.312	20.407	297.021	15295.463	16766.33	9.962	11.406	65.379	1.006	14.768
5/17/2017 3:00	536400	130.314	20.413	297.026	15292.755	16761.221	9.959	11.398	65.39	1.006	14.757
5/17/2017 3:15	537300	130.324	20.406	297.049	15291.05	16761.738	9.959	11.398	65.398	1.006	14.752
5/17/2017 3:30	538200	130.286	20.403	296.961	15291.019	16762.959	9.96	11.399	65.396	1.006	14.759
5/17/2017 3:45	539100	130.288	20.405	296.965	15292.432	16763.648	9.961	11.399	65.392	1.006	14.756
5/17/2017 4:00	540000	130.288	20.405	296.966	15301.018	16773.215	9.967	11.406	65.355	1.006	14.752
5/17/2017 4:15	540900	130.328	20.405	297.058	15304.654	16777.201	9.969	11.408	65.34	1.006	14.756
5/17/2017 4:30	541800	130.279	20.407	296.947	15312.104	16795.252	9.981	11.421	65.265	1.006	14.757
5/17/2017 4:45	542700	130.289	20.404	296.969	15298.133	16770.295	9.965	11.404	65.367	1.006	14.756
5/17/2017 5:00	543600	130.289	20.403	296.969	15308.341	16781.949	9.972	11.412	65.324	1.006	14.751
5/17/2017 5:15	544500	130.293	20.406	296.979	15308.237	16780.824	9.972	11.411	65.324	1.006	14.751
5/17/2017 5:30	545400	130.287	20.406	296.965	15305.645	16777.646	9.97	11.409	65.335	1.006	14.753
5/17/2017 5:45	546300	130.28	20.409	296.948	15314.921	16786.771	9.975	11.415	65.296	1.006	14.754
5/17/2017 6:00	547200	130.274	20.406	296.934	15319.354	16792.947	9.979	11.419	65.277	1.006	14.759
5/17/2017 6:15	548100	130.275	20.415	296.937	15317.844	16788.143	9.976	11.416	65.283	1.006	14.751
5/17/2017 6:30	549000	130.297	20.406	296.988	15318.676	16792.113	9.979	11.419	65.28	1.006	14.755
5/17/2017 6:45	549900	130.262	20.406	296.907	15318.806	16792.225	9.979	11.419	65.279	1.006	14.757
5/17/2017 7:00	550800	130.297	20.403	296.987	15321.208	16795.775	9.981	11.421	65.269	1.006	14.755
5/17/2017 7:15	551700	130.253	20.406	296.887	15329.331	16803.824	9.986	11.427	65.234	1.006	14.756
5/17/2017 7:30	552600	130.243	20.409	296.865	15332.397	16806.865	9.988	11.428	65.221	1.006	14.757
5/17/2017 7:45	553500	130.232	20.408	296.838	15320.759	16793.539	9.98	11.42	65.271	1.006	14.764
5/17/2017 8:00	554400	130.225	20.41	296.822	15320.31	16792.588	9.979	11.419	65.273	1.006	14.768
5/17/2017 8:15	555300	130.213	20.408	296.796	15324.502	16797.643	9.982	11.422	65.255	1.006	14.764
5/17/2017 8:30	556200	130.214	20.409	296.798	15321.4	16794.182	9.98	11.42	65.268	1.006	14.767
5/17/2017 8:45	557100	130.204	20.408	296.775	15331.158	16805.154	9.987	11.428	65.227	1.006	14.762
5/17/2017 9:00	558000	130.234	20.403	296.716	15322.917	16808.92	9.99	11.43	65.219	1.006	14.759
5/17/2017 9:15	558900	130.195	20.405	296.753	15334.14	16809.467	9.99	11.43	65.214	1.006	14.763
5/17/2017 9:30	559800	130.183	20.398	296.728	15336.582	16814.383	9.993	11.434	65.204	1.006	14.765
5/17/2017 9:45	560700	130.17	20.409	296.698	15334.974	16808.936	9.99	11.43	65.21	1.006	14.762
5/17/2017 10:00	561600	130.155	20.409	296.663	15338.326	16812.609	9.992	11.433	65.196	1.006	14.77
5/17/2017 10:15	562500	130.147	20.408	296.644	15339.941	16814.631	9.993	11.434	65.189	1.006	14.771
5/17/2017 10:30	563400	130.134	20.41	296.616	15348.965	16824.657	10	11.44	65.151	1.006	14.762
5/17/2017 10:45	564300	130.121	20.406	296.585	15350.084	16826.664	10.001	11.442	65.146	1.006	14.77
5/17/2017 11:00	565200	130.127	20.407	296.599	15348.374	16824.178	10	11.44	65.153	1.006	14.766
5/17/2017 11:15	566100	130.115	20.407	296.572	15342.288	16817.748</					

Report Date: 5/19/2017 8:55
Report User Name: AVanHaitsma
Report Computer Name: WKST34
Application: WinSitu.exe
Application Version: 5.6.25.0

Log File Properties

File Name	MPWSP MW-8M_2017-05-18_17-48-43-919.wsl
Create Date	5/18/2017 17:48

Device Properties			
Device	Aqua TROLL 200		
Site	MPWSP MW-8		
Device Name			
Serial Number	410756		
Firmware Version	2		
Hardware Version	3		
Device Address	1		
Device Comm Cfg	19200	8 Even	1 (Modbus-RTU)
Used Memory	0		
Used Battery	11		

Log Configuration	Log Name	MPWSP MW-8M
	Created By	SKuiper
	Computer Name	PROBOOK8
	Application	WinSitu.exe
	Application Version	5.6.25.0
	Create Date	10/27/2016 4:37:16 PM Pacific Daylight Time
	Log Setup Time Zone	Pacific Daylight Time
	Notes Size(bytes)	4096
	Overwrite when full	Enabled
	Scheduled Start Time	10/27/2016 5:00:00 PM Pacific Daylight Time
	Scheduled Stop Time	No Stop Time
	Type	Linear
	Interval	Days: 0 hrs: 00 mins: 15 secs: 00

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

Other Log Settings		
Depth of Probe:	0.465086 (ft)	
Head Pressure:	0.206467 (PSI)	
Temperature:	17.6017 (C)	
Specific Conductivity Model:	Standard Methods	
	Reference Temperature:	2
	Temperature Coefficient:	0.019
TDS Factor:		0.68

Data Notes:		Note	
Date and Time			
10/27/2016 16:37	Sensor SN: 410756	Factory calibration has expired: 6/10/2016 6:27:04 PM	
10/27/2016 16:37	Used Battery: 13%	Used Memory: 3%	User Name: Skuiiper
10/27/2016 17:45	Log Download -	Used Battery: 11%	Used Memory: 3%
11/3/2016 15:41	Log Download -	Used Battery: 12%	Used Memory: 3%
11/11/2016 8:26	Log Download -	Used Battery: 12%	Used Memory: 4%
11/17/2016 15:03	Log Download -	Used Battery: 13%	Used Memory: 4%
11/24/2016 12:31	Log Download -	Used Battery: 13%	Used Memory: 6%
12/2/2016 7:59	Log Download -	Used Battery: 13%	Used Memory: 6%
12/9/2016 9:30	Log Download -	Used Battery: 14%	Used Memory: 7%
12/15/2016 15:22	Log Download -	Used Battery: 14%	Used Memory: 7%
12/22/2016 12:06	Log Download -	Used Battery: 14%	Used Memory: 9%
1/5/2017 10:16	Log Download -	Used Battery: 15%	Used Memory: 10%
1/12/2017 16:09	Log Download -	Used Battery: 15%	Used Memory: 10%
1/19/2017 12:44	Log Download -	Used Battery: 16%	Used Memory: 12%
1/26/2017 9:53	Log Download -	Used Battery: 16%	Used Memory: 12%
2/2/2017 15:44	Log Download -	Used Battery: 16%	Used Memory: 14%
2/9/2017 11:58	Log Download -	Used Battery: 17%	Used Memory: 14%
2/16/2017 11:58	Log Download -	Used Battery: 17%	Used Memory: 15%
2/23/2017 14:07	Log Download -	Used Battery: 18%	Used Memory: 15%
3/2/2017 16:01	Log Download -	Used Battery: 18%	Used Memory: 17%
3/9/2017 12:15	Log Download -	Used Battery: 18%	Used Memory: 17%
3/16/2017 16:08	Log Download -	Used Battery: 19%	Used Memory: 18%
3/23/2017 14:19	Log Download -	Used Battery: 19%	Used Memory: 18%
3/30/2017 12:30	Log Download -	Used Battery: 19%	Used Memory: 20%
4/6/2017 13:04	Log Download -	Used Battery: 20%	Used Memory: 21%
4/13/2017 11:12	Log Download -	Used Battery: 20%	Used Memory: 21%
4/20/2017 11:34	Log Download -	Used Battery: 20%	Used Memory: 23%
4/27/2017 12:03	Log Download -	Used Battery: 21%	Used Memory: 23%
5/4/2017 11:59	Log Download -	Used Battery: 21%	Used Memory: 25%
5/11/2017 11:05	Log Download -	Used Battery: 21%	Used Memory: 25%
5/18/2017 17:48	Log Download -	Used Battery: 22%	Used Memory: 26%

Log Data:	752	
Record Count		
Sensors	1	
	1	410756 PCTD 100 PSIG (70m/231ft)

Time Zone: Pacific Daylight Time

Date and Time	Elapsed Time Seconds	Sensor: PCTD(G) 231ft	Sensor: PCTD(G) 231ft	Sensor: PCTD(G) 231ft	Sensor: PCTD(G) 231ft	Sensor: PCTD(G) 231ft	Sensor: PCTD(G) 231ft	Sensor: PCTD(G) 231ft	Sensor: PCTD(G) 231ft	Sensor: PCTD(G) 231ft
		SN#: 410756 Pressure (PSI)	SN#: 410756 Temperature (C)	SN#: 410756 Depth (ft)	SN#: 410756 Actual Conductivity (µS)	SN#: 410756 Specific Conductivity (µS)	SN#: 410756 Salinity (PSU)	SN#: 410756 Total Dissolved Solids (ppt)	SN#: 410756 Resistivity (ohm-cm)	SN#: 410756 Water Density (g/cm3)
5/11/2017 0:00	7200	71.282	17.344	160.569	41005.094	48028.449	31.488	32.659	24.387	1.023
5/11/2017 0:15	8100	71.28	17.346	160.566	41026.809	48051.816	31.505	32.675	24.374	1.023
5/11/2017 0:30	9000	71.291	17.344	160.589	41060.512	48093.168	31.535	32.703	24.354	1.023
5/11/2017 0:45	9900	71.291	17.344	160.589	41003.914	48027.066	31.487	32.658	24.388	1.023
5/11/2017 1:00	10800	71.281	17.347	160.567	41063.598	48093.777	31.536	32.704	24.352	1.023
5/11/2017 1:15	11700	71.288	17.349	160.583	41048.156	48073.625	31.521	32.69	24.362	1.023
5/11/2017 1:30	12600	71.294	17.344	160.597	41068.438	48102.172	31.542	32.709	24.35	1.023
5/11/2017 1:45	13500	71.287	17.347	160.582	41018.711	48041.117	31.497	32.668	24.379	1.023
5/11/2017 2:00	14400	71.282	17.341	160.569	41005.906	48032.59	31.491	32.662	24.387	1.023
5/11/2017 2:15	15300	71.281	17.347	160.567	41042.465	48068.375	31.517	32.686	24.365	1.023
5/11/2017 2:30	16200	71.279	17.347	160.562	41019.797	48041.824	31.498	32.668	24.378	1.023
5/11/2017 2:45	17100	71.266	17.347	160.533	41048.535	48076.129	31.523	32.692	24.361	1.023
5/11/2017 3:00	18000	71.256	17.342	160.512	41071.176	48108.105	31.546	32.714	24.348	1.023
5/11/2017 3:15	18900	71.252	17.341	160.502	41058.121	48093.66	31.535	32.704	24.356	1.023
5/11/2017 3:30	19800	71.233	17.35	160.459	41028.18	48049.203	31.503	32.673	24.373	1.023
5/11/2017 3:45	20700	71.227	17.345	160.446	41003.113	48025.102	31.485	32.657	24.388	1.023
5/11/2017 4:00	21600	71.219	17.341	160.427	41021.996	48050.879	31.504	32.675	24.377	1.023
5/11/2017 4:15	22500	71.206	17.35	160.399	41058.164	48084.133	31.529	32.697	24.356	1.023
5/11/2017 4:30	23400	71.196	17.341	160.375	41084.313	48124.34	31.558	32.725	24.34	1.023
5/11/2017 4:45	24300	71.178	17.344	160.336	41092.156	48130.609	31.562	32.729	24.336	1.023
5/11/2017 5:00	25200	71.169	17.347	160.315	41061.918	48091.613	31.534	32.702	24.353	1.023
5/11/2017 5:15	26100	71.157	17.349	160.288	40991.566	48006.973	31.472	32.645	24.395	1.023
5/11/2017 5:30	27000	71.153	17.345	160.279	40982.957	48001.02	31.468	32.641	24.4	1.023
5/11/2017 5:45	27900	71.139	17.346	160.247	40998.34	48018.57	31.481	32.653	24.391	1.023
5/11/2017 6:00	28800	71.123	17.347	160.212	40949.602	47960.363	31.438	32.613	24.42	1.023
5/11/2017 6:15	29700	71.109	17.345	160.181	41049.676	48079.828	31.525	32.694	24.361	1.023
5/11/2017 6:30	30600	71.098	17.347	160.154	41001.234	48020.461	31.482	32.654	24.39	1.023
5/11/2017 6:45	31500	71.09	17.342	160.137	41004.289	48029.195	31.488	32.66	24.388	1.023
5/11/2017 7:00	32400	71.088	17.35	160.133	40995.223	48010.23	31.475	32.647	24.393	1.023
5/11/2017 7:15	33300	71.08	17.345	160.114	41031.676	48058.836	31.51	32.68	24.371	1.023
5/11/2017 7:30	34200	71.071	17.352	160.094	41038.574	48058.648	31.51	32.68	24.367	1.023
5/11/2017 7:45	35100	71.063	17.347	160.076	41031.82	48055.992	31.508	32.678	24.371	1.023
5/11/2017 8:00	36000	71.055	17.349	160.059	41075.246	48104.695	31.544	32.711	24.346	1.023
5/11/2017 8:15	36900	71.05	17.352	160.046	41051.105	48073.98	31.521	32.69	24.36	1.023
5/11/2017 8:30	37800	71.038	17.351	160.021	41049.805	48073.211	31.521	32.69	24.361	1.023
5/11/2017 8:45	38700	71.041	17.344	160.026	41108.23	48149.348	31.576	32.742	24.326	1.023
5/11/2017 9:00	39600	71.046	17.343	160.037	41064.332	48098.207	31.539	32.707	24.352	1.023
5/11/2017 9:15	40500	71.047	17.346	160.039	41052.051	48080.813	31.526	32.695	24.359	1.023
5/11/2017 9:30	41400	71.043	17.344	160.031	41031.285	48058.938	31.51	32.68	24.372	1.023
5/11/2017 9:45	42300	71.04	17.348	160.025	41100.414	48135.207	31.566	32.732	24.331	1.023
5/11/2017 10:00	43200	71.038	17.348	160.021	41068.648	48098.375	31.539	32.707	24.349	1.023
5/11/2017 10:15	44100	71.051	17.34	160.049	41034.48	48066.625	31.515	32.685	24.37	1.023
5/11/2017 10:30	45000	71.048	17.342	160.043	41086.395	48125.555	31.559	32.725	24.339	1.023
5/11/2017 10:45	45900	71.06	17.34	160.069	41102.563	48147.039	31.574	32.74	24.329	1.023
5/11/2017 11:00	46800	71.062	17.34	160.073	41071.074	48109.867	31.547	32.715	24.348	1.023
5/11/2017 11:15	47700	71.063	17.345	160.077	41015.574	48039.133	31.496	32.667	24.381	1.023
5/11/2017 11:30	48600	71.065	17.337	160.08	40966.492	47990.918	31.46	32.634	24.41	1.023
5/11/2017 11:45	49500	71.074	17.34	160.102	41058.305	48094.723	31.536	32.704	24.356	1.023
5/11/2017 12:00	50400	71.08	17.347	160.114	41003.922	48023.688	31.484	32.656	24.388	1.023
5/11/2017 12:15	51300	71.086	17.342	160.128	41037.758	48068.773	31.517	32.687	24.368	1.023
5/11/2017 12:30	52200	71.091	17.33	160.14	41113.887	48170.27	31.591	32.756	24.323	1.023
5/11/2017 12:45	53100	71.099	17.347	160.158	41229.66	48287.613	31.677	32.836	24.254	1.023
5/11/2017 13:00	54000	71.104	17.345	160.17	41174.547	48226.176	31.632	32.794	24.287	1.023
5/11/2017 13:15	54900	71.109	17.347	160.181	41059.738	48089.355	31.532	32.701	24.355	1.023
5/11/2017 13:30	55800	71.11	17.341	160.183	41128.781	48176.051	31.595	32.76	24.314	1.023
5/11/2017 13:45	56700	71.119	17.344	160.202	41108.598	48149.121	31.576	32.741	24.326	1.023
5/11/2017 14:00	57600	71.119	17.342	160.202	41085.152	48124.664	31.558	32.725	24.34	1.023
5/11/2017 14:15	58500	71.108	17.341	160.178	41071.688	48109.738	31.547	32.715	24.348	1.023
5/11/2017 14:30	59400	71.125	17.335	160.216	41081.43	48127.352	31.559	32.727	24.342	1.023
5/11/2017 14:45	60300	71.118	17.344	160.2	41053.855	48085.563	31.529	32.698	24.358	1.023
5/11/2017 15:00	61200	71.123	17.346	160.212	41102.953	48141.188	31.57	32.736	24.329	1.023
5/11/2017 15:15	62100	71.126	17.342	160.219	41035.73	48065.836	31.515	32.685	24.369	1.023
5/11/2017 15:30	63000	71.118	17.347	160.2	41049.719	48077.059	31.523	32.692	24.361	1.023
5/11/2017 15:45	63900	71.117	17.346	160.199	41027.418	48052.527	31.505	32.676	24.374	1.023
5/11/2017 16:00	64800	71.12	17.339	160.205	41056.574	48094.387	31.536	32.704	24.357	1.023
5/11/2017 16:15	65700	71.116	17.337	160.195	41070.926	48112.883	31.549	32.717	24.348	1.023
5/11/2017 16:30	66600	71.111	17.34	160.184	41041.371	48074.508	31.521	32.691	24.366	1.023
5/11/2017 16:45	67500	71.109	17.341	160.181	41112.438	48157.563	31.582	32.747	24.324	1.023
5/11/2017 17:00	68400	71.107	17.342	160.175	41052.219	48085.523	31.529	32.698	24.359	1.023
5/11/2017 17:15	69300	71.108	17.346	160.177	41044.891	48073.18	31.52	32.69	24.364	1.023
5/11/2017 17:30	70200	71.11	17.347	160.182	41072.109	48104.031	31.543	32.711	24.347	1.023
5/11/2017 17:45	71100	71.099	17.342	160.158	41095.773	48136.539	31.567	32.733	24.333	1.023
5/11/2017 18:00	72000	71.097	17.355	160.153	41059.137	48079.824	31.526	32.694	24.355	1.023
5/11/2017 18:15	72900	71.095	17.342	160.149	41123.043	48168.672	31.59	32.755	24.317	1.023

5/11/2017 18:30	73800	71.089	17.347	160.134	41097.48	48133.266	31.564	32.731	24.332	1.023
5/11/2017 18:45	74700	71.095	17.344	160.149	41084.379	48121.313	31.556	32.722	24.34	1.023
5/11/2017 19:00	75600	71.095	17.34	160.146	41069.828	48108.219	31.546	32.714	24.349	1.023
5/11/2017 19:15	76500	71.095	17.341	160.149	41058.406	48094.375	31.536	32.704	24.356	1.023
5/11/2017 19:30	77400	71.095	17.342	160.149	41054.969	48089.211	31.532	32.701	24.358	1.023
5/11/2017 19:45	78300	71.104	17.347	160.17	41157.402	48203.93	31.616	32.779	24.297	1.023
5/11/2017 20:00	79200	71.108	17.35	160.177	41138.875	48178.934	31.598	32.762	24.308	1.023
5/11/2017 20:15	80100	71.104	17.353	160.168	41107.906	48139.27	31.569	32.735	24.326	1.023
5/11/2017 20:30	81000	71.107	17.342	160.175	41053.41	48086.73	31.53	32.699	24.359	1.023
5/11/2017 20:45	81900	71.108	17.346	160.178	41053.195	48081.965	31.527	32.696	24.359	1.023
5/11/2017 21:00	82800	71.119	17.344	160.202	41119.383	48161.652	31.585	32.75	24.319	1.023
5/11/2017 21:15	83700	71.128	17.348	160.224	41047.27	48073.711	31.521	32.69	24.362	1.023
5/11/2017 21:30	84600	71.126	17.348	160.219	41103.055	48033.082	31.491	32.662	24.382	1.023
5/11/2017 21:45	85500	71.136	17.341	160.241	41006.023	48032.727	31.491	32.662	24.387	1.023
5/11/2017 22:00	86400	71.149	17.348	160.27	40947.477	47956.191	31.435	32.61	24.422	1.023
5/11/2017 22:15	87300	71.154	17.346	160.282	41033.484	48059.066	31.51	32.68	24.37	1.023
5/11/2017 22:30	88200	71.153	17.338	160.279	41019.379	48051.566	31.504	32.675	24.379	1.023
5/11/2017 22:45	89100	71.179	17.343	160.338	41012.523	48037.895	31.495	32.666	24.383	1.023
5/11/2017 23:00	90000	71.183	17.344	160.348	40939.313	47951.031	31.431	32.607	24.426	1.023
5/11/2017 23:15	90900	71.187	17.346	160.356	41027.316	48051.844	31.505	32.675	24.374	1.023
5/11/2017 23:30	91800	71.197	17.344	160.378	40980.523	47999.578	31.467	32.64	24.402	1.023
5/11/2017 23:45	92700	71.207	17.345	160.402	40998.758	48019.625	31.481	32.653	24.391	1.023
5/12/2017 0:00	93600	71.211	17.345	160.411	41005.488	48027.219	31.487	32.659	24.387	1.023
5/12/2017 0:15	94500	71.225	17.341	160.442	40994.508	48018.77	31.48	32.653	24.394	1.023
5/12/2017 0:30	95400	71.216	17.342	160.42	41002.66	48027.941	31.487	32.659	24.389	1.023
5/12/2017 0:45	96300	71.229	17.341	160.449	41008.559	48035.324	31.493	32.664	24.385	1.023
5/12/2017 1:00	97200	71.221	17.346	160.431	40938.594	47948.309	31.429	32.605	24.427	1.023
5/12/2017 1:15	98100	71.217	17.338	160.422	40933.93	47950.984	31.431	32.607	24.43	1.023
5/12/2017 1:30	99000	71.212	17.344	160.411	40946.82	47960.379	31.438	32.613	24.422	1.023
5/12/2017 1:45	99900	71.228	17.347	160.447	40923.938	47930.305	31.416	32.593	24.436	1.023
5/12/2017 2:00	100800	71.22	17.344	160.431	41020.605	48046.148	31.501	32.671	24.378	1.023
5/12/2017 2:15	101700	71.217	17.35	160.423	40978.418	47990.738	31.46	32.634	24.403	1.023
5/12/2017 2:30	102600	71.222	17.346	160.434	40988.609	48006.43	31.472	32.644	24.397	1.023
5/12/2017 2:45	103500	71.215	17.337	160.42	40943.918	47964.098	31.44	32.616	24.424	1.023
5/12/2017 3:00	104400	71.213	17.347	160.414	40935.109	47943.203	31.426	32.601	24.429	1.023
5/12/2017 3:15	105300	71.199	17.353	160.382	40982.328	47992.215	31.462	32.635	24.401	1.023
5/12/2017 3:30	106200	71.194	17.35	160.371	41008.008	48024.73	31.485	32.657	24.385	1.023
5/12/2017 3:45	107100	71.185	17.344	160.351	40981.078	47999.762	31.467	32.64	24.402	1.023
5/12/2017 4:00	108000	71.17	17.339	160.316	40927.301	47942.496	31.425	32.601	24.434	1.023
5/12/2017 4:15	108900	71.163	17.349	160.301	40955.781	47965.254	31.442	32.616	24.417	1.023
5/12/2017 4:30	109800	71.148	17.34	160.267	40886.512	47894.051	31.389	32.568	24.458	1.023
5/12/2017 4:45	110700	71.135	17.343	160.238	40992.566	48014.996	31.478	32.65	24.395	1.023
5/12/2017 5:00	111600	71.123	17.343	160.212	40974.977	47994.211	31.463	32.636	24.405	1.023
5/12/2017 5:15	112500	71.111	17.35	160.184	41042.551	48066.035	31.515	32.685	24.365	1.023
5/12/2017 5:30	113400	71.102	17.351	160.165	41018.688	48036.957	31.494	32.665	24.379	1.023
5/12/2017 5:45	114300	71.088	17.339	160.133	41053.32	48090.484	31.533	32.702	24.359	1.023
5/12/2017 6:00	115200	71.08	17.337	160.114	41022.238	48055.566	31.507	32.678	24.377	1.023
5/12/2017 6:15	116100	71.066	17.347	160.084	40945.484	47955.543	31.435	32.61	24.423	1.023
5/12/2017 6:30	117000	71.054	17.342	160.056	41009.387	48035.73	31.493	32.664	24.385	1.023
5/12/2017 6:45	117900	71.047	17.344	160.039	40983.281	48002.898	31.469	32.642	24.4	1.023
5/12/2017 7:00	118800	71.03	17.347	160.002	41020.246	48042.438	31.498	32.669	24.378	1.023
5/12/2017 7:15	119700	71.024	17.345	159.987	41012.336	48035.43	31.493	32.664	24.383	1.023
5/12/2017 7:30	120600	71.021	17.344	159.981	41018.266	48044.063	31.499	32.67	24.379	1.023
5/12/2017 7:45	121500	71.003	17.344	159.942	41087.973	48125.055	31.558	32.725	24.338	1.023
5/12/2017 8:00	122400	70.993	17.342	159.919	41083.227	48121.656	31.556	32.723	24.341	1.023
5/12/2017 8:15	123300	70.988	17.339	159.907	41089.996	48133.078	31.564	32.73	24.337	1.023
5/12/2017 8:30	124200	70.979	17.346	159.887	41064.801	48096.5	31.538	32.706	24.352	1.023
5/12/2017 8:45	125100	70.969	17.345	159.864	41103.617	48142.152	31.571	32.737	24.329	1.023
5/12/2017 9:00	126000	70.976	17.351	159.881	41049.078	48072.457	31.52	32.689	24.361	1.023
5/12/2017 9:15	126900	70.971	17.343	159.868	41091.145	48130.09	31.562	32.728	24.336	1.023
5/12/2017 9:30	127800	70.972	17.349	159.87	41068.727	48097.719	31.539	32.706	24.349	1.023
5/12/2017 9:45	128700	70.977	17.347	159.882	41102.219	48139.297	31.569	32.735	24.33	1.023
5/12/2017 10:00	129600	70.966	17.35	159.858	41089.934	48121.242	31.556	32.722	24.337	1.023
5/12/2017 10:15	130500	70.966	17.346	159.859	41144.07	48188.777	31.605	32.768	24.305	1.023
5/12/2017 10:30	131400	70.97	17.341	159.867	41136.047	48185.027	31.602	32.766	24.31	1.023
5/12/2017 10:45	132300	70.976	17.348	159.881	41091.527	48125.074	31.559	32.725	24.336	1.023
5/12/2017 11:00	133200	70.977	17.347	159.882	41097.477	48132.891	31.564	32.73	24.332	1.023
5/12/2017 11:15	134100	70.978	17.345	159.885	41133.617	48177.766	31.597	32.761	24.311	1.023
5/12/2017 11:30	135000	70.975	17.345	159.877	41155.48	48203.09	31.615	32.778	24.298	1.023
5/12/2017 11:45	135900	70.98	17.346	159.89	41136.129	48179.098	31.598	32.762	24.31	1.023
5/12/2017 12:00	136800	70.985	17.349	159.9	41036.48	48059.387	31.511	32.68	24.369	1.023
5/12/2017 12:15	137700	70.993	17.343	159.919	41112.934	48155.316	31.58	32.746	24.323	1.023
5/12/2017 12:30	138600	71.003	17.341	159.94	41027.48	48057.957	31.509	32.679	24.374	1.023
5/12/2017 12:45	139500	71.003	17.342	159.941	41091.711	48131.594	31.563	32.729	24.336	1.023
5/12/2017 13:00	140400	71.01	17.348	159.956	41090.707	48124.586	31.558	32.725	24.336	1.023
5/12/2017 13:15	141300	71.021	17.344	159.982	41041.219	48070.668	31.519	32.688	24.366	1.023
5/12/2017 13:30	142200	71.023	17.343	159.987	41117.648	48161.219	31.585	32.75	24.32	1.023
5/12/2017 13:45	143100	71.022	17.347	159.984	41110.027	48148.066	31.575	32.741	24.325	1.023
5/12/2017 14:00	144000	71.027	17.341	159.994	41139.594	48189.184	31.605	32.769	24.307	1.023
5/12/2017 14:15	144900	71.035	17.338	160.013	41208.094	48272.445	31.666	32.825	24.267	1.023
5/12/2017 14:30	145800	71.031	17.339	160.004	41055.816	48092.848	31.534	32.703	24.357	1.023
5/12/2017 14:45	146700	71.036	17.34	160.014	41123.164	48171.266	31.592	32.756	24.317	1.023
5/12/2017 15:00	147600	71.047	17.339	160.039	41119.141	48167.023	31.589	32.754	24.32	1.023
5/12/2017 15:15	148500	71.027	17.342	159.996	41129.82	48176.043	31.596	32.76	24.313	1.023
5/12/2017 15:30	149400	71.038	17.344	160.021	41108.703	48149.992	31.577	32.742	24.326	1.023
5/12/2017 15:45	150300	71.051	17.34	160.049	41058.027	48094.305	31.536	32.704	24.356	1.023
5/12/2017 16:00	151200	71.048	17.345	160.041	41140.633	48185.605	31.603	32.766	24.307	1.023
5/12/2017 16:15	152100	71.052	17.344	160.052	41074.063	48108.859	31.546	32.714	24.346	1.023
5/12/2017 16:30	153000	71.048	17.344	160.043	41011.504	48141.184	31.57	32.736	24.33	1.023
5/12/2017 16:45	153900	71.035	17.3							

5/13/2017 15:00	234000	71.022	17.346	159.983	41119.008	48159.047	31.583	32.748	24.32	1.023
5/13/2017 15:15	234900	71.03	17.345	160.002	40994.352	48015.121	31.478	32.65	24.394	1.023
5/13/2017 15:30	235800	71.031	17.348	160.003	41040.297	48064.801	31.515	32.684	24.366	1.023
5/13/2017 15:45	236700	71.037	17.346	160.018	41067.836	48099.492	31.54	32.708	24.35	1.023
5/13/2017 16:00	237600	71.038	17.34	160.021	41091.102	48133.516	31.564	32.731	24.336	1.023
5/13/2017 16:15	238500	71.037	17.344	160.018	40988.484	48009.18	31.474	32.646	24.397	1.023
5/13/2017 16:30	239400	71.048	17.34	160.043	41100.617	48144.004	31.572	32.738	24.331	1.023
5/13/2017 16:45	240300	71.033	17.336	160.008	41013.383	48046.145	31.5	32.671	24.382	1.023
5/13/2017 17:00	241200	71.046	17.342	160.038	41010.773	48036.508	31.493	32.665	24.384	1.023
5/13/2017 17:15	242100	71.05	17.346	160.046	41011.102	48033.34	31.491	32.663	24.384	1.023
5/13/2017 17:30	243000	71.031	17.338	160.004	41001.859	48030.668	31.489	32.661	24.389	1.023
5/13/2017 17:45	243900	71.046	17.342	160.038	41014.367	48041.457	31.497	32.668	24.382	1.023
5/13/2017 18:00	244800	71.046	17.346	160.037	41021.813	48045.316	31.5	32.671	24.377	1.023
5/13/2017 18:15	245700	71.049	17.344	160.045	41054.871	48086.563	31.53	32.699	24.358	1.023
5/13/2017 18:30	246600	71.046	17.342	160.037	41134.797	48182.438	31.6	32.764	24.31	1.023
5/13/2017 18:45	247500	71.05	17.339	160.046	41220.297	48285.414	31.675	32.834	24.26	1.023
5/13/2017 19:00	248400	71.037	17.342	160.018	41178.688	48234.039	31.638	32.799	24.284	1.023
5/13/2017 19:15	249300	71.046	17.341	160.038	41124.273	48171.336	31.592	32.757	24.317	1.023
5/13/2017 19:30	250200	71.037	17.344	160.018	41114.707	48156.555	31.581	32.746	24.322	1.023
5/13/2017 19:45	251100	71.043	17.35	160.031	41050.836	48074.984	31.522	32.691	24.36	1.023
5/13/2017 20:00	252000	71.046	17.341	160.038	41010.488	48037.957	31.494	32.666	24.384	1.023
5/13/2017 20:15	252900	71.046	17.342	160.038	41006.137	48031.629	31.49	32.662	24.387	1.023
5/13/2017 20:30	253800	71.052	17.339	160.052	41026.629	48058.742	31.51	32.68	24.374	1.023
5/13/2017 20:45	254700	71.05	17.339	160.046	41077.793	48118.969	31.554	32.721	24.344	1.023
5/13/2017 21:00	255600	71.05	17.345	160.048	40995.41	48016.359	31.479	32.651	24.393	1.023
5/13/2017 21:15	256500	71.047	17.344	160.04	41020.215	48045.691	31.5	32.671	24.378	1.023
5/13/2017 21:30	257400	71.058	17.34	160.065	41022.566	48053.047	31.505	32.676	24.377	1.023
5/13/2017 21:45	258300	71.057	17.34	160.064	41037.688	48070.383	31.518	32.688	24.368	1.023
5/13/2017 22:00	259200	71.056	17.349	160.06	41010.578	48029.89	31.489	32.66	24.384	1.023
5/13/2017 22:15	260100	71.062	17.341	160.073	41015.957	48043.707	31.499	32.67	24.381	1.023
5/13/2017 22:30	261000	71.054	17.34	160.056	41012.148	48040.465	31.496	32.668	24.383	1.023
5/13/2017 22:45	261900	71.065	17.346	160.082	41017.625	48041.156	31.497	32.668	24.38	1.023
5/13/2017 23:00	262800	71.065	17.342	160.081	41017.527	48044.969	31.5	32.671	24.38	1.023
5/13/2017 23:15	263700	71.088	17.341	160.133	41063.65	47960.695	31.438	32.613	24.423	1.023
5/13/2017 23:30	264600	71.101	17.339	160.163	41013.063	48043.227	31.498	32.669	24.382	1.023
5/13/2017 23:45	265500	71.084	17.34	160.123	40939.367	47956.063	31.434	32.61	24.426	1.023
5/14/2017 0:00	266400	71.103	17.343	160.166	40987.141	48007.977	31.473	32.645	24.398	1.023
5/14/2017 0:15	267300	71.113	17.349	160.189	40975.02	47987.137	31.458	32.631	24.405	1.023
5/14/2017 0:30	268200	71.117	17.346	160.197	41027.102	48051.969	31.505	32.675	24.374	1.023
5/14/2017 0:45	269100	71.097	17.343	160.152	40964.305	47981.605	31.453	32.627	24.411	1.023
5/14/2017 1:00	270000	71.128	17.344	160.223	40987.254	48007.648	31.472	32.645	24.398	1.023
5/14/2017 1:15	270900	71.127	17.355	160.219	40963.16	47967.066	31.443	32.618	24.412	1.023
5/14/2017 1:30	271800	71.135	17.347	160.238	40984.746	48001.418	31.468	32.641	24.399	1.023
5/14/2017 1:45	272700	71.138	17.337	160.245	40941.453	47960.84	31.438	32.613	24.425	1.023
5/14/2017 2:00	273600	71.134	17.347	160.237	41024.941	48048.227	31.502	32.673	24.375	1.023
5/14/2017 2:15	274500	71.137	17.352	160.243	41002.746	48016.789	31.48	32.651	24.389	1.023
5/14/2017 2:30	275400	71.142	17.347	160.253	41043.363	48069.988	31.518	32.688	24.364	1.023
5/14/2017 2:45	276300	71.142	17.345	160.255	40981.027	47998.762	31.466	32.639	24.402	1.023
5/14/2017 3:00	277200	71.136	17.346	160.24	40957.43	47970.18	31.445	32.62	24.416	1.023
5/14/2017 3:15	278100	71.119	17.343	160.202	40910.578	47919.051	31.408	32.585	24.444	1.023
5/14/2017 3:30	279000	71.111	17.342	160.185	40976.945	47997.168	31.465	32.638	24.404	1.023
5/14/2017 3:45	279900	71.12	17.349	160.205	40938.383	47944.602	31.427	32.602	24.427	1.023
5/14/2017 4:00	280800	71.104	17.341	160.169	40960.879	47979.664	31.452	32.626	24.414	1.023
5/14/2017 4:15	281700	71.107	17.345	160.175	40973.43	47989.961	31.46	32.633	24.406	1.023
5/14/2017 4:30	282600	71.102	17.342	160.164	40998.641	48022.953	31.484	32.656	24.391	1.023
5/14/2017 4:45	283500	71.089	17.342	160.134	40944.602	47959	31.437	32.612	24.423	1.023
5/14/2017 5:00	284400	71.092	17.35	160.141	40990.367	48004.824	31.471	32.643	24.396	1.023
5/14/2017 5:15	285300	71.076	17.343	160.105	40945.984	47959.77	31.437	32.613	24.422	1.023
5/14/2017 5:30	286200	71.062	17.345	160.073	40949.324	47961.352	31.439	32.614	24.42	1.023
5/14/2017 5:45	287100	71.056	17.342	160.061	40960.047	47977.938	31.451	32.625	24.414	1.023
5/14/2017 6:00	288000	71.032	17.344	160.006	40934.492	47945.941	31.427	32.603	24.429	1.023
5/14/2017 6:15	288900	71.04	17.34	160.025	40966.43	47987.102	31.457	32.631	24.41	1.023
5/14/2017 6:30	289800	71.027	17.342	159.994	40961.691	47979.676	31.452	32.626	24.413	1.023
5/14/2017 6:45	290700	71.013	17.345	159.963	41026.125	48051.391	31.505	32.675	24.375	1.023
5/14/2017 7:00	291600	70.999	17.35	159.933	41021.383	48040.773	31.497	32.668	24.378	1.023
5/14/2017 7:15	292500	70.99	17.343	159.911	40997.652	48020.953	31.482	32.654	24.392	1.023
5/14/2017 7:30	293400	70.979	17.349	159.887	40981.168	47994.895	31.463	32.637	24.401	1.023
5/14/2017 7:45	294300	70.976	17.346	159.881	40969.172	47983.555	31.455	32.629	24.409	1.023
5/14/2017 8:00	295200	70.959	17.349	159.842	41030.188	48051.926	31.505	32.675	24.372	1.023
5/14/2017 8:15	296100	70.949	17.348	159.82	40996.039	48013.711	31.477	32.649	24.393	1.023
5/14/2017 8:30	297000	70.942	17.351	159.804	41081.883	48110.398	31.548	32.715	24.342	1.023
5/14/2017 8:45	297900	70.931	17.348	159.778	41069.176	48098.621	31.539	32.707	24.349	1.023
5/14/2017 9:00	298800	70.928	17.35	159.773	41105.746	48139.758	31.569	32.735	24.327	1.023
5/14/2017 9:15	299700	70.92	17.344	159.755	41132.887	48177.941	31.597	32.761	24.311	1.023
5/14/2017 9:30	300600	70.911	17.348	159.735	41108.574	48144.863	31.573	32.739	24.326	1.023
5/14/2017 9:45	301500	70.915	17.344	159.743	41154.613	48203.02	31.615	32.778	24.299	1.023
5/14/2017 10:00	302400	70.886	17.346	159.679	41132.066	48175.098	31.595	32.759	24.312	1.023
5/14/2017 10:15	303300	70.901	17.343	159.712	41139.906	48187.395	31.604	32.767	24.307	1.023
5/14/2017 10:30	304200	70.897	17.352	159.702	41155.824	48195.676	31.61	32.773	24.298	1.023
5/14/2017 10:45	305100	70.894	17.35	159.696	41158.219	48200.832	31.614	32.777	24.296	1.023
5/14/2017 11:00	306000	70.89	17.344	159.687	41131.742	48176.508	31.596	32.76	24.312	1.023
5/14/2017 11:15	306900	70.889	17.344	159.685	41048.094	48078.156	31.524	32.693	24.362	1.023
5/14/2017 11:30	307800	70.894	17.345	159.696	41061.641	48093.465	31.535	32.704	24.354	1.023
5/14/2017 11:45	308700	70.897	17.341	159.702	41143.57	48194.031	31.609	32.772	24.305	1.023
5/14/2017 12:00	309600	70.897	17.347	159.702	41073.547	48105.422	31.544	32.712	24.347	1.023
5/14/2017 12:15	310500	70.884	17.345	159.673	41169.457	48219.742	31.628	32.789	24.29	1.023
5/14/2017 12:30	311400	70.902	17.344	159.713	41111.797	48153.238	31.579	32.744	24.324	1.023
5/14/2017 12:45	312300	70.908	17.344	159.727	41123.465	48167.004	31.589	32.754	24.317	1.023
5/14/2017 13:00	313200	70.907	17.347	159.725	41167.973	48216.309	31.625	32.787	24.291	1.023
5/14/2017 13:										

5/15/2017 11:30	394200	70.917	17.348	159.748	41032.504	48056.516	31.508	32.678	24.371	1.023
5/15/2017 11:45	395100	70.917	17.344	159.748	41060.527	48093.098	31.535	32.703	24.354	1.023
5/15/2017 12:00	396000	70.914	17.346	159.74	41046.453	48074.066	31.521	32.69	24.363	1.023
5/15/2017 12:15	396900	70.916	17.343	159.746	41057.262	48090.773	31.533	32.702	24.356	1.023
5/15/2017 12:30	397800	70.921	17.344	159.755	40998.797	48020.793	31.482	32.654	24.391	1.023
5/15/2017 12:45	398700	70.918	17.345	159.75	41105.949	48145.262	31.573	32.739	24.327	1.023
5/15/2017 13:00	399600	70.925	17.346	159.765	41030.141	48055.07	31.507	32.677	24.372	1.023
5/15/2017 13:15	400500	70.917	17.348	159.749	41049.535	48075.809	31.523	32.692	24.361	1.023
5/15/2017 13:30	401400	70.928	17.347	159.773	41082.012	48115.254	31.551	32.718	24.342	1.023
5/15/2017 13:45	402300	70.933	17.349	159.783	41130.641	48170.227	31.592	32.756	24.313	1.023
5/15/2017 14:00	403200	70.94	17.345	159.799	41120.551	48162.934	31.586	32.751	24.319	1.023
5/15/2017 14:15	404100	70.947	17.341	159.815	41098.91	48140.973	31.557	32.736	24.332	1.023
5/15/2017 14:30	405000	70.955	17.342	159.834	41092.582	48132.883	31.564	32.73	24.335	1.023
5/15/2017 14:45	405900	70.967	17.337	159.86	41062.77	48103.328	31.542	32.71	24.353	1.023
5/15/2017 15:00	406800	70.963	17.332	159.85	41076.809	48125.129	31.558	32.725	24.345	1.023
5/15/2017 15:15	407700	70.967	17.342	159.861	41109.352	48151.973	31.578	32.743	24.325	1.023
5/15/2017 15:30	408600	70.976	17.341	159.881	41090.578	48131.867	31.563	32.73	24.336	1.023
5/15/2017 15:45	409500	70.975	17.346	159.877	41133.012	48176.203	31.596	32.76	24.311	1.023
5/15/2017 16:00	410400	70.983	17.342	159.896	41100.813	48142.91	31.571	32.737	24.33	1.023
5/15/2017 16:15	411300	70.97	17.343	159.867	41086.566	48124.539	31.558	32.725	24.339	1.023
5/15/2017 16:30	412200	70.99	17.345	159.912	41099.137	48137.285	31.567	32.733	24.331	1.023
5/15/2017 16:45	413100	71	17.34	159.934	41048.688	48084.023	31.528	32.697	24.361	1.023
5/15/2017 17:00	414000	71.003	17.343	159.942	41138.34	48185.742	31.603	32.766	24.308	1.023
5/15/2017 17:15	414900	71.003	17.343	159.942	41089.176	48128.246	31.561	32.727	24.337	1.023
5/15/2017 17:30	415800	71.004	17.344	159.944	41049.867	48081.078	31.526	32.695	24.361	1.023
5/15/2017 17:45	416700	71.007	17.345	159.951	41131.227	48174.965	31.595	32.759	24.312	1.023
5/15/2017 18:00	417600	71.013	17.347	159.964	41081.359	48114.301	31.551	32.718	24.342	1.023
5/15/2017 18:15	418500	70.997	17.342	159.927	41021.973	48049.906	31.503	32.674	24.377	1.023
5/15/2017 18:30	419400	71.021	17.34	159.982	41051.086	48086.078	31.53	32.699	24.36	1.023
5/15/2017 18:45	420300	71.005	17.335	159.946	41011.938	48045.664	31.5	32.671	24.383	1.023
5/15/2017 19:00	421200	71.019	17.347	159.977	41024.715	48048.422	31.502	32.673	24.376	1.023
5/15/2017 19:15	422100	71.01	17.343	159.958	41111.629	48154.453	31.58	32.745	24.324	1.023
5/15/2017 19:30	423000	71.014	17.345	159.965	41099.082	48136.941	31.567	32.733	24.331	1.023
5/15/2017 19:45	423900	71.013	17.343	159.964	41062.199	48096.457	31.537	32.706	24.353	1.023
5/15/2017 20:00	424800	71.027	17.346	159.994	40982.406	47999.164	31.466	32.639	24.401	1.023
5/15/2017 20:15	425700	71.011	17.34	159.96	40994.457	48019.93	31.481	32.654	24.394	1.023
5/15/2017 20:30	426600	71.023	17.343	159.987	40954.703	47970.277	31.445	32.62	24.417	1.023
5/15/2017 20:45	427500	71.027	17.335	159.994	40967.328	47993.871	31.462	32.636	24.41	1.023
5/15/2017 21:00	428400	71.005	17.342	159.946	40991.199	48013.676	31.477	32.649	24.395	1.023
5/15/2017 21:15	429300	71.018	17.338	159.976	40969.773	47993.082	31.461	32.635	24.408	1.023
5/15/2017 21:30	430200	71.021	17.339	159.981	40992.332	48018.672	31.48	32.653	24.395	1.023
5/15/2017 21:45	431100	71.022	17.338	159.984	40958.156	47979.746	31.452	32.626	24.415	1.023
5/15/2017 22:00	432000	71.022	17.343	159.983	40959.805	47975.777	31.449	32.624	24.414	1.023
5/15/2017 22:15	432900	71.018	17.344	159.975	41032.426	48060.559	31.511	32.681	24.371	1.023
5/15/2017 22:30	433800	71.028	17.342	159.998	40922.656	47934.031	31.419	32.595	24.436	1.023
5/15/2017 22:45	434700	71.029	17.349	160	41014.41	48033.449	31.492	32.663	24.382	1.023
5/15/2017 23:00	435600	71.03	17.349	160.003	40991.672	48007.285	31.472	32.645	24.395	1.023
5/15/2017 23:15	436500	71.035	17.346	160.013	40996.781	48016.457	31.479	32.651	24.392	1.023
5/15/2017 23:30	437400	71.047	17.342	160.039	40977.07	47997.125	31.465	32.638	24.404	1.023
5/15/2017 23:45	438300	71.048	17.342	160.043	41010.785	48037.18	31.494	32.665	24.384	1.023
5/16/2017 0:00	439200	71.05	17.343	160.046	41012.305	48038.203	31.495	32.666	24.383	1.023
5/16/2017 0:15	440100	71.054	17.34	160.057	41013.305	48041.82	31.497	32.668	24.382	1.023
5/16/2017 0:30	441000	71.063	17.343	160.077	41009.109	48034.371	31.492	32.663	24.385	1.023
5/16/2017 0:45	441900	71.071	17.34	160.094	40990.82	48015.297	31.478	32.65	24.396	1.023
5/16/2017 1:00	442800	71.054	17.335	160.056	40989.398	48019.07	31.48	32.653	24.397	1.023
5/16/2017 1:15	443700	71.07	17.344	160.092	40995.141	48016.422	31.479	32.651	24.393	1.023
5/16/2017 1:30	444600	71.071	17.337	160.094	41008.922	48039.781	31.496	32.667	24.385	1.023
5/16/2017 1:45	445500	71.083	17.344	160.122	40999.289	48021.836	31.483	32.655	24.391	1.023
5/16/2017 2:00	446400	71.079	17.351	160.113	41009.84	48026.129	31.486	32.658	24.384	1.023
5/16/2017 2:15	447300	71.088	17.349	160.133	41003.754	48021.535	31.483	32.655	24.388	1.023
5/16/2017 2:30	448200	71.078	17.341	160.111	40977.859	47999.645	31.466	32.64	24.403	1.023
5/16/2017 2:45	449100	71.083	17.341	160.122	41010.773	48038.109	31.495	32.666	24.384	1.023
5/16/2017 3:00	450000	71.078	17.336	160.111	40993.656	48023.961	31.484	32.656	24.394	1.023
5/16/2017 3:15	450900	71.095	17.346	160.149	40993.145	48012.199	31.476	32.648	24.394	1.023
5/16/2017 3:30	451800	71.085	17.34	160.125	41003.863	48030.762	31.489	32.661	24.388	1.023
5/16/2017 3:45	452700	71.091	17.336	160.14	41013.117	48045.914	31.5	32.671	24.382	1.023
5/16/2017 4:00	453600	71.089	17.349	160.134	40997.207	48013.957	31.477	32.649	24.392	1.023
5/16/2017 4:15	454500	71.083	17.344	160.122	40982.332	48001.23	31.468	32.641	24.401	1.023
5/16/2017 4:30	455400	71.076	17.348	160.107	40953.109	47963.246	31.44	32.615	24.418	1.023
5/16/2017 4:45	456300	71.088	17.343	160.132	40979.828	47999.328	31.466	32.64	24.402	1.023
5/16/2017 5:00	457200	71.088	17.344	160.132	40953.609	47967.488	31.443	32.618	24.418	1.023
5/16/2017 5:15	458100	71.058	17.342	160.066	40919.75	47930.734	31.416	32.593	24.438	1.023
5/16/2017 5:30	459000	71.071	17.338	160.095	40943.113	47961.664	31.439	32.614	24.424	1.023
5/16/2017 5:45	459900	71.065	17.345	160.08	40964.773	47980.477	31.453	32.627	24.411	1.023
5/16/2017 6:00	460800	71.051	17.342	160.05	40952.336	47968.527	31.444	32.619	24.419	1.023
5/16/2017 6:15	461700	71.036	17.34	160.015	41004.301	48031.836	31.49	32.662	24.388	1.023
5/16/2017 6:30	462600	71.042	17.35	160.029	40917.816	47919.859	31.409	32.586	24.439	1.023
5/16/2017 6:45	463500	71.031	17.342	160.004	40965.48	47984.391	31.455	32.629	24.411	1.023
5/16/2017 7:00	464400	71.016	17.346	159.971	41017.719	48040.98	31.497	32.668	24.38	1.023
5/16/2017 7:15	465300	71.018	17.341	159.976	41000.285	48025.914	31.486	32.658	24.39	1.023
5/16/2017 7:30	466200	71.004	17.346	159.944	40994.316	48013.855	31.477	32.649	24.394	1.023
5/16/2017 7:45	467100	71.003	17.346	159.942	41032.797	48058.75	31.51	32.68	24.371	1.023
5/16/2017 8:00	468000	70.987	17.343	159.906	41008.527	48033.691	31.491	32.663	24.385	1.023
5/16/2017 8:15	468900	70.972	17.345	159.872	40944.848	47956.859	31.435	32.611	24.423	1.023
5/16/2017 8:30	469800	70.966	17.343	159.859	40991.613	48013.781	31.477	32.649	24.395	1.023
5/16/2017 8:45	470700	70.943	17.342	159.806	40985.531	48007.879	31.472	32.645	24.399	1.023
5/16/2017 9:00	471600	70.941	17.347	159.801	41007.613	48027.742	31.487	32.659	24.386	1.023
5/16/2017 9:15	472500	70.94	17.342	159.798	40987.113	48009.73	31.474	32.647	24.398	1.023
5/16/2017 9:30	473400	70.93	17.343	159.778	41005.965	48030.133	31.489	32.66	24.387	1.023
5/16/2017 9:										

5/17/2017 8:00	554400	70.927	17.347	159.771	41003.703	48023.434	31.484	32.656	24.388	1.023
5/17/2017 8:15	555300	70.93	17.34	159.776	40977.125	47999.918	31.467	32.64	24.404	1.023
5/17/2017 8:30	556200	70.902	17.343	159.714	40985.117	48005.902	31.471	32.644	24.399	1.023
5/17/2017 8:45	557100	70.908	17.346	159.728	41074.652	48108.039	31.546	32.713	24.346	1.023
5/17/2017 9:00	558000	70.892	17.342	159.69	41108.156	48151.512	31.578	32.743	24.326	1.023
5/17/2017 9:15	558900	70.889	17.342	159.684	41095.25	48136.305	31.566	32.733	24.334	1.023
5/17/2017 9:30	559800	70.88	17.348	159.663	41086.602	48119.777	31.555	32.721	24.339	1.023
5/17/2017 9:45	560700	70.85	17.348	159.597	41095.738	48129.637	31.562	32.728	24.333	1.023
5/17/2017 10:00	561600	70.852	17.342	159.601	41121.352	48166.77	31.589	32.753	24.318	1.023
5/17/2017 10:15	562500	70.851	17.344	159.6	41181.82	48235.633	31.639	32.8	24.283	1.023
5/17/2017 10:30	563400	70.843	17.341	159.58	41153.945	48205.902	31.617	32.78	24.299	1.023
5/17/2017 10:45	564300	70.83	17.342	159.551	41167.82	48221.398	31.629	32.791	24.291	1.023
5/17/2017 11:00	565200	70.836	17.349	159.565	41152.074	48194.578	31.609	32.772	24.3	1.023
5/17/2017 11:15	566100	70.823	17.352	159.537	41193.441	48240.473	31.643	32.804	24.276	1.023
5/17/2017 11:30	567000	70.817	17.347	159.523	41214.504	48269.863	31.664	32.824	24.263	1.023
5/17/2017 11:45	567900	70.817	17.344	159.523	41171.973	48223.539	31.63	32.792	24.288	1.023
5/17/2017 12:00	568800	70.793	17.338	159.468	41185.527	48246.094	31.646	32.807	24.28	1.023
5/17/2017 12:15	569700	70.806	17.341	159.498	41092.148	48133.051	31.564	32.73	24.336	1.023
5/17/2017 12:30	570600	70.8	17.342	159.484	41110.172	48153.676	31.579	32.745	24.325	1.023
5/17/2017 12:45	571500	70.799	17.346	159.481	41103.758	48142.039	31.571	32.737	24.329	1.023
5/17/2017 13:00	572400	70.796	17.346	159.475	41170.289	48219.676	31.628	32.789	24.289	1.023
5/17/2017 13:15	573300	70.796	17.344	159.475	41272.293	48341.414	31.717	32.872	24.229	1.023
5/17/2017 13:30	574200	70.801	17.346	159.486	41131.273	48173.707	31.594	32.758	24.312	1.023
5/17/2017 13:45	575100	70.799	17.348	159.482	41099.602	48135.004	31.566	32.732	24.331	1.023
5/17/2017 14:00	576000	70.794	17.343	159.471	41104.973	48145.91	31.574	32.739	24.328	1.023
5/17/2017 14:15	576900	70.795	17.344	159.474	41154.016	48202.316	31.615	32.778	24.299	1.023
5/17/2017 14:30	577800	70.799	17.346	159.481	41147.227	48193.039	31.608	32.771	24.303	1.023
5/17/2017 14:45	578700	70.804	17.344	159.493	41159.98	48209.676	31.62	32.783	24.295	1.023
5/17/2017 15:00	579600	70.804	17.337	159.492	41136.969	48189.879	31.605	32.769	24.309	1.023
5/17/2017 15:15	580500	70.81	17.347	159.507	41148.219	48192.984	31.608	32.771	24.302	1.023
5/17/2017 15:30	581400	70.815	17.344	159.519	41139.242	48185.203	31.602	32.766	24.308	1.023
5/17/2017 15:45	582300	70.815	17.344	159.518	41116.758	48159.051	31.583	32.748	24.321	1.023
5/17/2017 16:00	583200	70.816	17.343	159.52	41121.145	48165.313	31.588	32.752	24.318	1.023
5/17/2017 16:15	584100	70.832	17.346	159.556	41149.73	48195.973	31.61	32.773	24.301	1.023
5/17/2017 16:30	585000	70.831	17.347	159.555	41191.719	48244.121	31.646	32.806	24.277	1.023
5/17/2017 16:45	585900	70.836	17.343	159.566	41066.398	48101.293	31.541	32.709	24.351	1.023
5/17/2017 17:00	586800	70.837	17.34	159.567	41046.465	48081.328	31.526	32.695	24.363	1.023
5/17/2017 17:15	587700	70.846	17.339	159.588	41087.543	48130.477	31.562	32.729	24.338	1.023
5/17/2017 17:30	588600	70.854	17.344	159.606	41106.328	48147.117	31.574	32.74	24.327	1.023
5/17/2017 17:45	589500	70.853	17.339	159.604	41040.34	48074.988	31.521	32.691	24.366	1.023
5/17/2017 18:00	590400	70.861	17.348	159.621	41168.563	48215.02	31.624	32.786	24.29	1.023
5/17/2017 18:15	591300	70.854	17.345	159.606	41112.895	48153.875	31.579	32.745	24.323	1.023
5/17/2017 18:30	592200	70.876	17.343	159.656	41102.016	48143.012	31.571	32.737	24.33	1.023
5/17/2017 18:45	593100	70.862	17.347	159.623	41143.953	48187.422	31.604	32.767	24.305	1.023
5/17/2017 19:00	594000	70.885	17.348	159.675	41114.734	48152.254	31.578	32.744	24.322	1.023
5/17/2017 19:15	594900	70.889	17.346	159.684	41012.164	48034.582	31.492	32.664	24.383	1.023
5/17/2017 19:30	595800	70.888	17.351	159.683	41110.551	48144.637	31.573	32.738	24.325	1.023
5/17/2017 19:45	596700	70.891	17.349	159.689	41109.926	48145.5	31.574	32.739	24.325	1.023
5/17/2017 20:00	597600	70.895	17.346	159.698	41022.785	48047.289	31.502	32.672	24.377	1.023
5/17/2017 20:15	598500	70.899	17.346	159.708	41097.746	48134.82	31.566	32.732	24.332	1.023
5/17/2017 20:30	599400	70.895	17.338	159.698	40993.184	48020.586	31.482	32.654	24.394	1.023
5/17/2017 20:45	600300	70.894	17.344	159.696	40969.457	47986.152	31.457	32.631	24.408	1.023
5/17/2017 21:00	601200	70.899	17.337	159.708	40973.836	47998.867	31.466	32.639	24.406	1.023
5/17/2017 21:15	602100	70.901	17.336	159.711	41029.996	48065.605	31.514	32.685	24.372	1.023
5/17/2017 21:30	603000	70.907	17.341	159.725	41048.055	48081.59	31.526	32.695	24.362	1.023
5/17/2017 21:45	603900	70.9	17.349	159.71	41069.973	48098.898	31.539	32.707	24.349	1.023
5/17/2017 22:00	604800	70.899	17.344	159.708	41030.465	48057.605	31.509	32.679	24.372	1.023
5/17/2017 22:15	605700	70.896	17.342	159.699	41066.664	48102.82	31.542	32.71	24.351	1.023
5/17/2017 22:30	606600	70.9	17.345	159.71	41016.422	48040.313	31.496	32.667	24.38	1.023
5/17/2017 22:45	607500	70.896	17.342	159.699	40984.832	48007.059	31.472	32.645	24.399	1.023
5/17/2017 23:00	608400	70.896	17.345	159.699	41021.125	48045.824	31.5	32.671	24.378	1.023
5/17/2017 23:15	609300	70.895	17.347	159.698	41000.055	48019.641	31.481	32.653	24.39	1.023
5/17/2017 23:30	610200	70.899	17.34	159.708	41019.188	48049.277	31.503	32.674	24.379	1.023
5/17/2017 23:45	611100	70.88	17.343	159.665	41020.762	48047.734	31.502	32.672	24.378	1.023

Report Date: 5/19/2017 8:55
Report User Name: AVanHaitsma
Report Computer Name: WKST34
Application: WinSitu.exe
Application Version: 5.6.25.0

Log File Properties
File Name MPWSP MW-85 LT Test_2017-05-18_17-46-34-769-BaroMerge.wsl
Create Date 5/19/2017 8:52

Device Properties
Device Aqua TROLL 200
Site MPWSP MW-85
Device Name
Serial Number 428966
Firmware Version 2
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-85 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
Specific Gravity 1.012
Depth

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 Used Battery: 2% Used Memory: 6% User Name: KMakar
1/21/2016 9:00 Log Download - Used Battery: 2% Used Memory: 3% User Name: KMakar
1/28/2016 9:25 Log Download - Used Battery: 2% Used Memory: 3% User Name: KMakar Interval - Start Time: 1/18/2016 11:45:00 AM Stop Time: 1/28/2016 9:15:00 AM
2/4/2016 10:20 Log Download - Used Battery: 3% Used Memory: 4% User Name: CShaw Interval - Start Time: 1/15/2016 9:15:00 AM Stop Time: 2/4/2016 10:15:00 AM
2/11/2016 10:08 Log Download - Used Battery: 3% Used Memory: 6% User Name: CShaw Interval - Start Time: 2/2/2016 2:30:00 PM Stop Time: 2/11/2016 11:00:00 AM
2/18/2016 11:29 Log Download - Used Battery: 3% Used Memory: 6% User Name: CShaw Interval - Start Time: 2/4/2016 3:00:00 AM Stop Time: 2/18/2016 12:00:00 PM
2/25/2016 10:53 Log Download - Used Battery: 4% Used Memory: 7% User Name: KMakar Interval - Start Time: 2/15/2016 5:30:00 PM Stop Time: 2/25/2016 10:45:00 AM
3/3/2016 12:57 Log Download - Used Battery: 4% Used Memory: 7% User Name: Skuiper Interval - Start Time: 1/31/2016 12:00:01 AM Stop Time: 3/3/2016 1:45:00 PM
3/10/2016 14:40 Log Download - Used Battery: 7% Used Memory: 14% User Name: KMakar Interval - Start Time: 3/1/2016 12:00:00 PM Stop Time: 3/10/2016 2:30:00 PM
3/17/2016 12:40 Log Download - Used Battery: 5% Used Memory: 9% User Name: Skuiper Interval - Start Time: 3/8/2016 12:00:01 AM Stop Time: 3/17/2016 1:30:00 PM
3/24/2016 9:01 Log Download - Used Battery: 5% Used Memory: 10% User Name: KMakar Interval - Start Time: 3/15/2016 12:00:00 PM Stop Time: 3/24/2016 9:00:00 AM
3/31/2016 15:14 Log Download - Used Battery: 6% Used Memory: 10% User Name: Skuiper Interval - Start Time: 3/22/2016 12:00:00 PM Stop Time: 3/31/2016 4:00:00 PM
4/7/2016 9:43 Log Download - Used Battery: 6% Used Memory: 12% User Name: KMakar Interval - Start Time: 2/29/2016 5:00:00 PM Stop Time: 4/7/2016 9:45:00 AM
4/14/2016 15:18 Log Download - Used Battery: 6% Used Memory: 12% User Name: Skuiper Interval - Start Time: 4/5/2016 12:00:00 PM Stop Time: 4/14/2016 4:15:00 PM
4/21/2016 13:31 Log Download - Used Battery: 7% Used Memory: 14% User Name: ELinden Interval - Start Time: 4/12/2016 1:30:00 PM Stop Time: 4/21/2016 2:30:00 PM
4/28/2016 8:25 Log Download - Used Battery: 7% Used Memory: 14% User Name: KMakar Interval - Start Time: 4/19/2016 5:00:00 PM Stop Time: 4/28/2016 8:15:00 AM
5/5/2016 9:32 Log Download - Used Battery: 7% Used Memory: 15% User Name: Skuiper Interval - Start Time: 3/31/2016 12:00:00 PM Stop Time: 5/5/2016 10:15:00 AM
5/12/2016 10:18 Log Download - Used Battery: 8% Used Memory: 15% User Name: Skuiper Interval - Start Time: 5/3/2016 12:00:00 PM Stop Time: 5/12/2016 10:15:00 AM
5/19/2016 14:12 Log Download - Used Battery: 8% Used Memory: 17% User Name: ELinden Interval - Start Time: 5/10/2016 12:00:00 PM Stop Time: 5/19/2016 3:00:00 PM
5/26/2016 9:07 Log Download - Used Battery: 8% Used Memory: 17% User Name: Skuiper Interval - Start Time: 5/17/2016 6:00:00 PM Stop Time: 5/26/2016 9:00:00 AM
6/2/2016 11:47 Log Download - Used Battery: 9% Used Memory: 18% User Name: Skuiper Interval - Start Time: 6/29/2016 10:00:00 PM Stop Time: 7/8/2016 11:30:00 AM
6/9/2016 9:35 Log Download - Used Battery: 9% Used Memory: 18% User Name: CShaw Interval - Start Time: 5/31/2016 5:00:00 AM Stop Time: 6/9/2016 10:30:00 AM
6/16/2016 11:18 Log Download - Used Battery: 9% Used Memory: 20% User Name: Skuiper Interval - Start Time: 6/7/2016 10:30:00 PM Stop Time: 6/16/2016 11:15:00 AM
6/23/2016 10:12 Log Download - Used Battery: 10% Used Memory: 20% User Name: Skuiper Interval - Start Time: 6/15/2016 10:00:00 PM Stop Time: 6/23/2016 10:00:00 AM
7/1/2016 11:51 Log Download - Used Battery: 10% Used Memory: 21% User Name: Skuiper Interval - Start Time: 5/31/2016 10:00:00 PM Stop Time: 7/1/2016 11:45:00 AM
7/1/2016 11:53 Log Download - Used Battery: 10% Used Memory: 21% User Name: Skuiper Interval - Start Time: 5/31/2016 10:00:00 PM Stop Time: 7/1/2016 11:45:00 AM
7/8/2016 11:56 Log Download - Used Battery: 11% Used Memory: 23% User Name: Skuiper Interval - Start Time: 6/29/2016 10:00:00 PM Stop Time: 7/8/2016 11:30:00 AM
7/14/2016 18:00 Log Download - Used Battery: 11% Used Memory: 23% User Name: ELinden Interval - Start Time: 7/5/2016 12:00:00 PM Stop Time: 7/14/2016 7:00:00 PM
7/21/2016 11:13 Log Download - Used Battery: 11% Used Memory: 25% User Name: Skuiper Interval - Start Time: 7/13/2016 10:00:00 PM Stop Time: 7/21/2016 11:00:00 AM
7/28/2016 18:19 Log Download - Used Battery: 12% Used Memory: 25% User Name: Skuiper Interval - Start Time: 7/20/2016 10:00:00 PM Stop Time: 7/28/2016 6:15:00 PM
8/4/2016 15:01 Log Download - Used Battery: 12% Used Memory: 26% User Name: Skuiper Interval - Start Time: 6/30/2016 10:00:00 PM Stop Time: 8/4/2016 3:45:00 PM
8/11/2016 10:51 Log Download - Used Battery: 12% Used Memory: 26% User Name: ELinden Interval - Start Time: 8/3/2016 12:00:00 PM Stop Time: 8/11/2016 11:45:00 AM
8/18/2016 15:48 Log Download - Used Battery: 13% Used Memory: 28% User Name: Skuiper Interval - Start Time: 8/10/2016 10:00:00 PM Stop Time: 8/18/2016 4:45:00 PM
8/25/2016 12:33 Log Download - Used Battery: 13% Used Memory: 28% User Name: ELinden Interval - Start Time: 8/17/2016 10:00:00 PM Stop Time: 8/25/2016 1:30:00 PM
9/1/2016 16:11 Log Download - Used Battery: 14% Used Memory: 29% User Name: skuiper Interval - Start Time: 7/31/2016 10:00:00 PM Stop Time: 9/1/2016 4:00:00 PM
9/8/2016 18:27 Log Download - Used Battery: 14% Used Memory: 29% User Name: Skuiper Interval - Start Time: 8/31/2016 10:00:00 PM Stop Time: 9/8/2016 6:15:00 PM
9/15/2016 15:20 Log Download - Used Battery: 14% Used Memory: 31% User Name: ANorris Interval - Start Time: 9/7/2016 10:00:00 PM Stop Time: 9/15/2016 4:15:00 PM
9/22/2016 12:49 Log Download - Used Battery: 15% Used Memory: 31% User Name: ANorris Interval - Start Time: 9/14/2016 10:00:00 PM Stop Time: 9/22/2016 1:45:00 PM
10/1/2016 11:37 Log Download - Used Battery: 15% Used Memory: 32% User Name: ANorris Interval - Start Time: 9/21/2016 10:00:00 PM Stop Time: 10/1/2016 12:30:00 PM
10/6/2016 12:03 Log Download - Used Battery: 15% Used Memory: 32% User Name: Skuiper Interval - Start Time: 9/28/2016 10:00:00 PM Stop Time: 10/6/2016 12:00:00 PM
10/13/2016 16:33 Log Download - Used Battery: 16% Used Memory: 34% User Name: Skuiper Interval - Start Time: 10/5/2016 10:00:00 PM Stop Time: 10/13/2016 5:15:00 PM
10/20/2016 16:56 Log Download - Used Battery: 16% Used Memory: 34% User Name: Skuiper Interval - Start Time: 10/12/2016 10:00:00 PM Stop Time: 10/20/2016 4:30:00 PM
10/20/2016 17:30 Log Download - Used Battery: 16% Used Memory: 34% User Name: Skuiper Interval - Start Time: 10/12/2016 10:00:00 PM Stop Time: 10/20/2016 6:30:00 PM
10/27/2016 12:47 Log Download - Used Battery: 16% Used Memory: 35% User Name: Skuiper Interval - Start Time: 10/19/2016 10:00:00 PM Stop Time: 10/27/2016 12:45:00 PM
11/3/2016 15:56 Log Download - Used Battery: 17% Used Memory: 35% User Name: Skuiper Interval - Start Time: 9/30/2016 5:00:00 PM Stop Time: 11/3/2016 4:45:00 PM
11/11/2016 8:29 Log Download - Used Battery: 17% Used Memory: 37% User Name: Skuiper Interval - Start Time: 11/2/2016 10:00:00 PM Stop Time: 11/11/2016 15:00:00 PM
11/17/2016 15:06 Log Download - Used Battery: 18% Used Memory: 37% User Name: Skuiper Interval - Start Time: 11/9/2016 10:00:00 PM Stop Time: 11/17/2016 4:00:00 PM
11/24/2016 12:33 Log Download - Used Battery: 18% Used Memory: 39% User Name: Skuiper Interval - Start Time: 11/15/2016 10:00:00 PM Stop Time: 11/24/2016 12:30:00 PM
11/24/2016 14:38 Log Download - Used Battery: 18% Used Memory: 39% User Name: Skuiper Interval - Start Time: 11/15/2016 10:00:00 PM Stop Time: 11/24/2016 5:30:00 PM
12/2/2016 8:02 Log Download - Used Battery: 19% Used Memory: 40% User Name: Skuiper Interval - Start Time: 10/31/2016 10:00:00 PM Stop Time: 12/2/2016 8:45:00 AM
12/9/2016 9:52 Log Download - Used Battery: 19% Used Memory: 40% User Name: Skuiper Interval - Start Time: 11/30/2016 10:00:00 PM Stop Time: 12/9/2016 9:30:00 AM
12/15/2016 15:24 Log Download - Used Battery: 19% Used Memory: 42% User Name: Skuiper Interval - Start Time: 12/7/2016 10:00:00 PM Stop Time: 12/15/2016 3:15:00 PM
12/22/2016 12:10 Log Download - Used Battery: 20% Used Memory: 42% User Name: ANorris Interval - Start Time: 12/14/2016 10:00:00 PM Stop Time: 12/22/2016 1:00:00 PM
1/5/2017 10:19 Log Download - Used Battery: 20% Used Memory: 43% User Name: Skuiper Interval - Start Time: 11/30/2016 10:00:00 PM Stop Time: 1/5/2017 10:15:00 AM
1/12/2017 16:13 Log Download - Used Battery: 21% Used Memory: 45% User Name: Skuiper Interval - Start Time: 1/4/2017 10:00:00 PM Stop Time: 1/12/2017 4:00:00 PM
1/19/2017 12:41 Log Download - Used Battery: 21% Used Memory: 45% User Name: EHernandez Interval - Start Time: 1/11/2017 10:00:00 PM Stop Time: 1/19/2017 1:30:00 PM
1/26/2017 9:55 Log Download - Used Battery: 21% Used Memory: 46% User Name: Skuiper Interval - Start Time: 1/18/2017 10:00:00 PM Stop Time: 1/26/2017 11:45:00 AM
2/2/2017 15:47 Log Download - Used Battery: 22% Used Memory: 46% User Name: WMassoll Interval - Start Time: 12/31/2016 10:00:00 PM Stop Time: 2/2/2017 4:45:00 PM
2/9/2017 12:01 Log Download - Used Battery: 22% Used Memory: 48% User Name: EHernandez Interval - Start Time: 2/1/2017 12:00:00 AM Stop Time: 2/9/2017 12:45:00 PM
2/16/2017 12:00 Log Download - Used Battery: 22% Used Memory: 48% User Name: WMassoll Interval - Start Time: 2/8/2017 10:00:00 PM Stop Time: 2/16/2017 10:00:00 PM
2/23/2017 14:10 Log Download - Used Battery: 23% Used Memory: 50% User Name: EHernandez Interval - Start Time: 2/15/2017 12:00:00 AM Stop Time: 2/23/2017 3:00:00 PM
3/2/2017 16:07 Log Download - Used Battery: 23% Used Memory: 50% User Name: Skuiper Interval - Start Time: 1/31/2017 10:00:00 PM Stop Time: 3/2/2017 5:00:00 PM
3/9/2017 12:18 Log Download - Used Battery: 24% Used Memory: 51% User Name: WMassoll Interval - Start Time: 3/1/2017 11:30:00 PM Stop Time: 3/9/2017 1:15:00 PM
3/16/2017 16:09 Log Download - Used Battery: 24% Used Memory: 51% User Name: WMassoll Interval - Start Time: 3/8/2017 10:00:00 PM Stop Time: 3/16/2017 5:00:00 PM
5/19/2017 8:52 User Note: "Pressure & Level adjusted by baro data from: "MPWSP Barotroll_2017-05-18_18-53-25-090.wsl"

Log Data:
Record Count 752

Sensors 2
1 428966 PCTD 100 PSIA (60.1m/197.3ft)
2 0 Baro-Adjustment Calc

Time Zone: Pacific Daylight Time

Date and Time	Elapsed Time Seconds	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: 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: 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: 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) 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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: 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: 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: 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: 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: 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: 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: 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: 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: 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: 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: 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: 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: PCTD(A) 197.3ft		Sensor: PCTD(A) 197.3ft	
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5/11/2017 17:30	70200	20499	16321	46724	681684	817148	0404	555661	1466956	0999	14803
5/11/2017 17:45	71100	20499	1632	46725	681945	817473	0404	555881	1466395	0999	14802
5/11/2017 18:00	72000	20489	1632	46701	681829	817328	0404	555783	1466643	0999	14809
5/11/2017 18:15	72900	20508	16319	46745	681889	817419	0404	555845	1466514	0999	14797
5/11/2017 18:30	73800	20494	1632	46712	681828	817325	0404	555781	1466645	0999	14801
5/11/2017 18:45	74700	20497	16322	46718	681952	817452	0404	555867	1466378	0999	14802
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5/11/2017 19:15	76500	205	16319	46726	681937	81748	0404	555886	1466411	0999	14797
5/11/2017 19:30	77400	20495	16319	46714	681929	817466	0404	555877	1466428	0999	14801
5/11/2017 19:45	78300	20504	16321	46736	681717	817183	0404	555685	1466885	0999	14798
5/11/2017 20:00	79200	20506	1632	46739	68173	817211	0404	555703	1466855	0999	14799
5/11/2017 20:15	80100	20499	16319	46723	681729	817224	0404	555713	1466858	0999	14803
5/11/2017 20:30	81000	20498	16319	46724	681711	817217	0404	555708	1466897	0999	14804
5/11/2017 20:45	81900	20502	1632	46729	681747	817232	0404	555718	146682	0999	14801
5/11/2017 21:00	82800	20504	16321	46736	681755	817233	0404	555719	1466803	0999	14801
5/11/2017 21:15	83700	20497	16321	46719	681671	817133	0404	555651	1466983	0999	14805
5/11/2017 21:30	84600	205	16319	46727	681967	817509	0404	555906	1466348	0999	14802
5/11/2017 21:45	85500	20502	16319	4673	68176	817261	0404	555738	1466791	0999	14806
5/11/2017 22:00	86400	20493	16319	46714	681751	817262	0404	555738	1466812	0999	14802
5/11/2017 22:15	87300	20498	16319	46721	682119	817692	0404	55603	1466019	0999	14804
5/11/2017 22:30	88200	20504	1632	46734	681785	817283	0404	555752	1466738	0999	14801
5/11/2017 22:45	89100	20512	1632	46754	681916	817443	0404	555861	1466457	0999	14795
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5/11/2017 23:30	91800	20499	1632	46724	681952	817485	0404	55589	1466378	0999	148
5/11/2017 23:45	92700	20504	16318	46735	681729	817248	0404	555729	1466859	0999	14805
5/12/2017 0:00	93600	20504	16318	46736	682039	817619	0404	555981	1466191	0999	148
5/12/2017 0:15	94500	20503	16318	46733	681806	817344	0404	555794	1466693	0999	14804
5/12/2017 0:30	95400	20498	16319	46721	682	81755	0404	555934	1466277	0999	14802
5/12/2017 0:45	96300	20497	1632	46719	681743	817239	0404	555723	1466828	0999	14801
5/12/2017 1:00	97200	20511	1632	46752	681931	817453	0404	555868	1466424	0999	14797
5/12/2017 1:15	98100	20503	16319	46733	681928	817464	0404	555876	146643	0999	14806
5/12/2017 1:30	99000	20503	16319	46733	681862	817388	0404	555824	1466573	0999	14802
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5/12/2017 2:00	100800	20507	16319	46741	681889	817428	0404	555851	1466515	0999	14798
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5/12/2017 2:30	102600	20507	16319	46742	681901	817436	0404	555857	146649	0999	14804
5/12/2017 2:45	103500	20493	16319	46709	681784	817299	0404	555763	1466741	0999	14803
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5/12/2017 5:00	111600	20499	16318	46723	681847	817398	0404	555831	1466604	0999	14806
5/12/2017 5:15	112500	20489	16318	46701	681873	817426	0404	55585	1466548	0999	1481
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5/12/2017 5:45	114300	20492	16318	46707	681977	817545	0404	555931	1466326	0999	14811
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5/12/2017 6:15	116100	20492	1632	46708	681962	817483	0404	555888	1466358	0999	14817
5/12/2017 6:30	117000	20499	1632	46723	681906	817433	0404	555855	1466477	0999	14814
5/12/2017 6:45	117900	20494	1632	46711	681774	817274	0404	555747	1466762	0999	14817
5/12/2017 7:00	118800	20497	16318	46718	68191	817473	0404	555882	146647	0999	14817
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5/12/2017 7:45	121500	20486	16319	46694	681927	817471	0404	555881	1466432	0999	14818
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5/12/2017 8:15	123300	20496	16318	46716	681767	817296	0404	555761	1466776	0999	14815
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5/12/2017 8:45	125100	20493	16319	46711	681762	817278	0404	555749	1466788	0999	14815
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5/12/2017 9:45	128700	20496	16318	46717	681666	817168	0404	555674	1466994	0999	14812
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5/12/2017 10:15	130500	20492	1632	46708	681796	817294	0404	55576	1466715	0999	14816
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5/12/2017 10:45	132300	2049	16318	46703	681857	817405	0404	555836	1466583	0999	14816
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5/12/2017 11:30	135000	20493	16319	4671	681868	817397	0404	55583	146656	0999	14815
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5/12/2017 12:30	138600	20498	16318	46721	68184	817376	0404	555816	1466621	0999	14805
5/12/2017 12:45	139500	2049	16318	46703	681629	817136	0404	555652	1467073	0999	14803
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5/12/2017 13:15	141300	20491	1632	46706	681698	817117	0404	555676	1466926	0999	14806
5/12/2017 13:30	142200	20493	16319	46711	681816	817332	0404	555786	1466671	0999	148
5/12/2017 13:45	143100	20483	16318	46686	68154	817015	0404	55557	1467266	0999	14802
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5/12/2017 14:45	146700	20496	16319	46717	681714	817217	0404	555721	1466891	0999	14788
5/12/2017 15:00	147600	20488	1632	46698	681943	817477	0404	555885	1466398	0999	14794
5/12/2017 15:15	148500	2049	16319	46702	681835	817361	0404	555806	146663	0999	14789
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5/12/2017 15:45	150300	20488	16318	46698	681708	817222	0404	555711	1466903	0999	14784
5/12/2017 16:00	151200	20496	16319	46718	68193	817472	0404				

5/13/2017 22:15	260100	20485	16314	46.692	681.947	817.584	0.404	555.957	1466.389	0.999	14.73
5/13/2017 22:30	261000	20486	16316	46.693	681.769	817.339	0.404	555.791	1466.772	0.999	14.729
5/13/2017 22:45	261900	20486	16315	46.693	681.803	817.396	0.404	555.829	1466.7	0.999	14.732
5/13/2017 23:00	262800	20489	16316	46.701	681.897	817.496	0.404	555.897	1466.497	0.999	14.732
5/13/2017 23:15	263700	20491	16314	46.705	681.821	817.427	0.404	555.85	1466.66	0.999	14.732
5/13/2017 23:30	264600	20478	16315	46.675	682.059	817.702	0.404	556.038	1466.148	0.999	14.732
5/13/2017 23:45	265500	20486	16315	46.693	681.854	817.643	0.404	555.873	1466.589	0.999	14.731
5/14/2017 0:00	266400	20482	16315	46.685	681.948	817.572	0.404	555.949	1466.387	0.999	14.73
5/14/2017 0:15	267300	20497	16315	46.718	681.875	817.489	0.404	555.893	1466.545	0.999	14.719
5/14/2017 0:30	268200	20486	16314	46.695	681.842	817.453	0.404	555.868	1466.615	0.999	14.729
5/14/2017 0:45	269100	2048	16314	46.681	681.779	817.383	0.404	555.82	1466.751	0.999	14.725
5/14/2017 1:00	270000	20486	16315	46.695	682.124	817.779	0.404	556.09	1466.01	0.999	14.727
5/14/2017 1:15	270900	20488	16315	46.699	681.989	817.499	0.404	555.898	1466.514	0.999	14.718
5/14/2017 1:30	271800	20484	16315	46.689	681.95	817.563	0.404	555.943	1466.384	0.999	14.718
5/14/2017 1:45	272700	2049	16315	46.702	681.896	817.513	0.404	555.909	1466.499	0.999	14.716
5/14/2017 2:00	273600	20481	16314	46.682	682.083	817.752	0.404	556.071	1466.097	0.999	14.723
5/14/2017 2:15	274500	20484	16315	46.69	681.936	817.551	0.404	555.935	1466.413	0.999	14.721
5/14/2017 2:30	275400	20488	16314	46.699	681.86	817.478	0.404	555.885	1466.577	0.999	14.716
5/14/2017 2:45	276300	2049	16315	46.704	682.035	817.679	0.404	556.022	1466.221	0.999	14.713
5/14/2017 3:00	277200	20484	16314	46.69	681.837	817.462	0.404	555.874	1466.625	0.999	14.709
5/14/2017 3:15	278100	20482	16315	46.684	681.964	817.589	0.404	555.961	1466.354	0.999	14.719
5/14/2017 3:30	279000	20489	16314	46.701	681.917	817.542	0.404	555.928	1466.454	0.999	14.711
5/14/2017 3:45	279900	20483	16315	46.686	682.099	817.754	0.404	556.073	1466.063	0.999	14.716
5/14/2017 4:00	280800	20486	16315	46.695	681.834	817.432	0.404	555.854	1466.633	0.999	14.716
5/14/2017 4:15	281700	20485	16314	46.692	682.055	817.708	0.404	556.042	1466.158	0.999	14.713
5/14/2017 4:30	282600	20489	16314	46.701	682.091	817.752	0.404	556.071	1466.079	0.999	14.708
5/14/2017 4:45	283500	20487	16315	46.695	681.983	817.619	0.404	555.981	1466.312	0.999	14.711
5/14/2017 5:00	284400	20485	16315	46.692	681.912	817.533	0.404	555.922	1466.464	0.999	14.711
5/14/2017 5:15	285300	20487	16314	46.697	681.877	817.512	0.404	555.908	1466.539	0.999	14.708
5/14/2017 5:30	286200	20495	16313	46.713	682.091	817.77	0.404	556.083	1466.08	0.999	14.703
5/14/2017 5:45	287100	20489	16314	46.701	681.871	817.498	0.404	555.899	1466.552	0.999	14.701
5/14/2017 6:00	288000	20486	16315	46.695	681.965	817.584	0.404	555.957	1466.35	0.999	14.709
5/14/2017 6:15	288900	20485	16314	46.693	681.967	817.613	0.404	555.977	1466.347	0.999	14.707
5/14/2017 6:30	289800	20484	16314	46.689	682.018	817.669	0.404	556.015	1466.238	0.999	14.712
5/14/2017 6:45	290700	20481	16314	46.682	681.895	817.53	0.404	555.92	1466.502	0.999	14.713
5/14/2017 7:00	291600	20485	16314	46.691	682.239	817.942	0.404	556.201	1465.762	0.999	14.709
5/14/2017 7:15	292500	20484	16314	46.69	682.081	817.753	0.404	556.073	1466.101	0.999	14.708
5/14/2017 7:30	293400	20478	16314	46.675	681.991	817.647	0.404	556	1466.295	0.999	14.715
5/14/2017 7:45	294300	20481	16314	46.682	682.218	817.912	0.404	556.181	1465.806	0.999	14.712
5/14/2017 8:00	295200	20483	16314	46.688	682.056	817.724	0.404	556.052	1466.156	0.999	14.711
5/14/2017 8:15	296100	2047	16314	46.658	682.051	817.714	0.404	556.045	1466.166	0.999	14.718
5/14/2017 8:30	297000	20479	16314	46.679	682.088	817.747	0.404	556.068	1466.086	0.999	14.712
5/14/2017 8:45	297900	20477	16315	46.677	682.072	817.723	0.404	556.052	1466.122	0.999	14.717
5/14/2017 9:00	298800	20477	16315	46.674	682.102	817.756	0.404	556.074	1466.057	0.999	14.713
5/14/2017 9:15	299700	20476	16314	46.671	682.107	817.775	0.404	556.087	1466.047	0.999	14.717
5/14/2017 9:30	300600	20476	16314	46.672	681.971	817.617	0.404	555.98	1466.339	0.999	14.719
5/14/2017 9:45	301500	20476	16314	46.67	682.013	817.671	0.404	556.016	1466.248	0.999	14.719
5/14/2017 10:00	302400	20474	16314	46.666	681.884	817.52	0.404	555.914	1466.525	0.999	14.718
5/14/2017 10:15	303300	2048	16314	46.68	682.154	817.832	0.404	556.123	1465.946	0.999	14.713
5/14/2017 10:30	304200	20481	16314	46.683	681.967	817.619	0.404	555.981	1466.347	0.999	14.709
5/14/2017 10:45	305100	20469	16314	46.656	682.005	817.665	0.404	556.012	1466.266	0.999	14.717
5/14/2017 11:00	306000	20468	16314	46.653	682.016	817.679	0.404	556.022	1466.24	0.999	14.723
5/14/2017 11:15	306900	20477	16315	46.673	681.957	817.584	0.404	555.958	1466.368	0.999	14.716
5/14/2017 11:30	307800	2048	16315	46.68	682.156	817.825	0.404	556.121	1465.94	0.999	14.714
5/14/2017 11:45	308700	20479	16314	46.678	682.249	817.956	0.404	556.21	1465.74	0.999	14.715
5/14/2017 12:00	309600	20475	16314	46.669	681.886	817.517	0.404	555.912	1466.521	0.999	14.719
5/14/2017 12:15	310500	20475	16314	46.67	682.167	817.843	0.404	556.133	1465.917	0.999	14.721
5/14/2017 12:30	311400	20469	16313	46.655	681.833	817.464	0.404	555.876	1466.634	0.999	14.723
5/14/2017 12:45	312300	20462	16314	46.638	682.09	817.762	0.404	556.078	1466.082	0.999	14.726
5/14/2017 13:00	313200	20469	16314	46.654	682.153	817.843	0.404	556.133	1465.947	0.999	14.725
5/14/2017 13:15	314100	20472	16314	46.663	682.029	817.676	0.404	556.019	1466.213	0.999	14.722
5/14/2017 13:30	315000	20472	16314	46.663	682.056	817.665	0.404	556.009	1466.263	0.999	14.722
5/14/2017 13:45	315900	20469	16314	46.656	681.972	817.621	0.404	555.982	1466.335	0.999	14.728
5/14/2017 14:00	316800	20468	16313	46.653	682.195	817.894	0.404	556.168	1465.857	0.999	14.724
5/14/2017 14:15	317700	2047	16314	46.658	681.988	817.63	0.404	555.989	1466.301	0.999	14.723
5/14/2017 14:30	318600	20473	16313	46.663	682.235	817.943	0.404	556.202	1465.771	0.999	14.726
5/14/2017 14:45	319500	20475	16313	46.67	682.111	817.804	0.404	556.107	1466.037	0.999	14.721
5/14/2017 15:00	320400	2047	16314	46.658	682.034	817.786	0.404	556.032	1466.202	0.999	14.718
5/14/2017 15:15	321300	20474	16315	46.667	682.348	818.05	0.404	556.274	1465.528	0.999	14.713
5/14/2017 15:30	322200	20472	16314	46.662	682.095	817.755	0.404	556.074	1466.071	0.999	14.715
5/14/2017 15:45	323100	20469	16313	46.655	682.131	817.817	0.404	556.116	1465.995	0.999	14.716
5/14/2017 16:00	324000	20467	16313	46.65	682.103	817.794	0.404	556.1	1466.054	0.999	14.714
5/14/2017 16:15	324900	20473	16313	46.665	682.039	817.724	0.404	556.052	1466.192	0.999	14.71
5/14/2017 16:30	325800	20478	16313	46.676	682.099	817.786	0.404	556.094	1466.063	0.999	14.711
5/14/2017 16:45	326700	20483	16313	46.688	682.006	817.667	0.404	556.014	1466.263	0.999	14.703
5/14/2017 17:00	327600	20475	16313	46.669	682.283	818.002	0.404	556.241	1465.667	0.999	14.707
5/14/2017 17:15	328500	2048	16314	46.68	682.144	817.83	0.404	556.124	1465.967	0.999	14.706
5/14/2017 17:30	329400	20476	16313	46.672	682.098	817.783	0.404	556.092	1466.065	0.999	14.705
5/14/2017 17:45	330300	20469	16313	46.656	682.068	817.755	0.404	556.074	1466.129	0.999	14.703
5/14/2017 18:00	331200	20468	16314	46.653	682.198	817.893	0.404	556.166	1465.849	0.999	14.71
5/14/2017 18:15	332100	20465	16315	46.646	682.089	817.767	0.404	556.082	1466.084	0.999	14.71
5/14/2017 18:30	333000	2047	16313	46.657	682.069	817.75	0.404	556.07	1466.128	0.999	14.707
5/14/2017 18:45	333900	20462	16313	46.64	682.102	817.785	0.404	556.094	1466.055	0.999	14.708
5/14/2017 19:00	334800	2047	16313	46.657	682.102	817.79	0.404	556.097	1466.056	0.999	14.702
5/14/2017 19:15	335700	20476	16314	46.672	681.915	817.555	0.404	555.938	1466.459	0.999	14.702
5/14/2017 19:30	336600	20473	163								

5/16/2017 3:00	450000	20 46	16 311	46 634	682 033	817 749	0 404	556 07	1466 205	0 999	14 743
5/16/2017 3:15	450900	20 449	16 31	46 61	682 043	817 782	0 404	556 092	1466 182	0 999	14 751
5/16/2017 3:30	451800	20 457	16 31	46 628	681 955	817 671	0 404	556 016	1466 372	0 999	14 749
5/16/2017 3:45	452700	20 461	16 31	46 636	682 246	818 021	0 404	556 254	1465 747	0 999	14 742
5/16/2017 4:00	453600	20 444	16 31	46 599	682 071	817 813	0 404	556 113	1466 123	0 999	14 751
5/16/2017 4:15	454500	20 456	16 31	46 626	682 093	817 84	0 404	556 131	1466 075	0 999	14 744
5/16/2017 4:30	455400	20 447	16 309	46 606	682 139	817 909	0 404	556 178	1465 978	0 999	14 749
5/16/2017 4:45	456300	20 457	16 31	46 628	682 095	817 842	0 404	556 132	1466 072	0 999	14 749
5/16/2017 5:00	457200	20 455	16 31	46 623	682 038	817 765	0 404	556 081	1466 194	0 999	14 75
5/16/2017 5:15	458100	20 455	16 31	46 622	682 182	817 943	0 404	556 201	1465 884	0 999	14 754
5/16/2017 5:30	459000	20 45	16 309	46 613	682 081	817 843	0 404	556 133	1466 102	0 999	14 751
5/16/2017 5:45	459900	20 456	16 309	46 625	682 093	817 861	0 404	556 146	1466 055	0 999	14 749
5/16/2017 6:00	460800	20 456	16 31	46 625	682 09	817 828	0 404	556 123	1466 081	0 999	14 747
5/16/2017 6:15	461700	20 449	16 309	46 609	682 011	817 751	0 404	556 071	1466 252	0 999	14 751
5/16/2017 6:30	462600	20 458	16 31	46 631	682 236	818 013	0 404	556 249	1465 769	0 999	14 752
5/16/2017 6:45	463500	20 45	16 309	46 611	682 147	817 917	0 404	556 184	1465 96	0 999	14 756
5/16/2017 7:00	464400	20 45	16 308	46 612	682 048	817 812	0 404	556 112	1466 172	0 999	14 76
5/16/2017 7:15	465300	20 45	16 309	46 611	682 319	818 118	0 404	556 321	1465 591	0 999	14 76
5/16/2017 7:30	466200	20 447	16 31	46 604	682 078	817 813	0 404	556 113	1466 108	0 999	14 762
5/16/2017 7:45	467100	20 445	16 311	46 601	682 35	818 131	0 404	556 329	1465 524	0 999	14 763
5/16/2017 8:00	468000	20 449	16 309	46 61	682 236	818 021	0 404	556 254	1465 768	0 999	14 762
5/16/2017 8:15	468900	20 441	16 309	46 591	682 073	817 838	0 404	556 13	1466 119	0 999	14 762
5/16/2017 8:30	469800	20 441	16 308	46 59	682 088	817 863	0 404	556 147	1466 086	0 999	14 765
5/16/2017 8:45	470700	20 446	16 309	46 603	682 146	817 524	0 404	556 188	1465 963	0 999	14 768
5/16/2017 9:00	471600	20 446	16 309	46 604	682 214	818 003	0 404	556 242	1465 815	0 999	14 772
5/16/2017 9:15	472500	20 453	16 31	46 618	682 11	817 864	0 404	556 147	1466 038	0 999	14 771
5/16/2017 9:30	473400	20 456	16 31	46 626	682 118	817 876	0 404	556 155	1466 023	0 999	14 768
5/16/2017 9:45	474300	20 441	16 31	46 59	682 201	817 964	0 404	556 215	1465 844	0 999	14 776
5/16/2017 10:00	475200	20 437	16 309	46 583	682 118	817 885	0 404	556 162	1466 023	0 999	14 776
5/16/2017 10:15	476100	20 441	16 31	46 591	682 148	817 898	0 404	556 17	1465 957	0 999	14 771
5/16/2017 10:30	477000	20 451	16 311	46 614	682 149	817 889	0 404	556 164	1465 955	0 999	14 77
5/16/2017 10:45	477900	20 436	16 31	46 581	682 355	818 16	0 404	556 349	1465 513	0 999	14 775
5/16/2017 11:00	478800	20 448	16 309	46 608	682 161	817 931	0 404	556 193	1465 93	0 999	14 77
5/16/2017 11:15	479700	20 444	16 31	46 599	682 167	817 933	0 404	556 194	1465 917	0 999	14 771
5/16/2017 11:30	480600	20 446	16 31	46 603	682 125	817 875	0 404	556 155	1466 007	0 999	14 775
5/16/2017 11:45	481500	20 44	16 31	46 589	682 311	818 108	0 404	556 313	1465 607	0 999	14 779
5/16/2017 12:00	482400	20 441	16 309	46 591	682 207	818 107	0 404	556 24	1465 83	0 999	14 776
5/16/2017 12:15	483300	20 449	16 308	46 61	682 229	818 031	0 404	556 261	1465 782	0 999	14 771
5/16/2017 12:30	484200	20 44	16 31	46 589	682 31	818 103	0 404	556 31	1465 609	0 999	14 78
5/16/2017 12:45	485100	20 447	16 309	46 604	682 267	818 056	0 404	556 278	1465 702	0 999	14 78
5/16/2017 13:00	486000	20 434	16 309	46 576	682 162	817 935	0 404	556 196	1465 928	0 999	14 78
5/16/2017 13:15	486900	20 441	16 309	46 592	682 331	818 137	0 404	556 333	1465 565	0 999	14 783
5/16/2017 13:30	487800	20 44	16 309	46 59	682 293	818 091	0 404	556 302	1465 646	0 999	14 778
5/16/2017 13:45	488700	20 434	16 31	46 576	682 202	817 971	0 404	556 221	1465 842	0 999	14 784
5/16/2017 14:00	489600	20 442	16 31	46 594	682 027	817 758	0 404	556 076	1466 219	0 999	14 784
5/16/2017 14:15	490500	20 438	16 311	46 584	682 221	817 977	0 404	556 224	1465 801	0 999	14 785
5/16/2017 14:30	491400	20 435	16 309	46 577	682 225	818 011	0 404	556 247	1465 792	0 999	14 784
5/16/2017 14:45	492300	20 441	16 309	46 592	682 246	818 047	0 404	556 272	1465 746	0 999	14 784
5/16/2017 15:00	493200	20 44	16 308	46 589	682 164	817 953	0 404	556 208	1465 922	0 999	14 784
5/16/2017 15:15	494100	20 438	16 309	46 584	682 338	818 152	0 404	556 343	1465 548	0 999	14 781
5/16/2017 15:30	495000	20 442	16 31	46 594	682 344	818 138	0 404	556 334	1465 536	0 999	14 782
5/16/2017 15:45	495900	20 435	16 309	46 578	682 126	817 888	0 404	556 164	1466 005	0 999	14 786
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5/16/2017 16:15	497700	20 445	16 31	46 6	682 288	818 076	0 404	556 292	1465 657	0 999	14 78
5/16/2017 16:30	498600	20 436	16 309	46 581	682 127	817 896	0 404	556 17	1466 003	0 999	14 775
5/16/2017 16:45	499500	20 451	16 308	46 613	682 305	818 122	0 404	556 323	1465 62	0 999	14 776
5/16/2017 17:00	500400	20 447	16 308	46 605	682 196	817 995	0 404	556 237	1465 855	0 999	14 774
5/16/2017 17:15	501300	20 437	16 309	46 581	682 243	818 031	0 404	556 261	1465 753	0 999	14 778
5/16/2017 17:30	502200	20 447	16 31	46 604	682 213	817 988	0 404	556 232	1465 818	0 999	14 774
5/16/2017 17:45	503100	20 437	16 309	46 582	682 138	817 913	0 404	556 181	1465 98	0 999	14 78
5/16/2017 18:00	504000	20 436	16 309	46 579	682 307	818 116	0 404	556 319	1465 616	0 999	14 782
5/16/2017 18:15	504900	20 439	16 31	46 588	682 286	817 978	0 404	556 225	1465 833	0 999	14 776
5/16/2017 18:30	505800	20 435	16 309	46 578	682 117	817 889	0 404	556 165	1466 025	0 999	14 779
5/16/2017 18:45	506700	20 441	16 309	46 591	682 201	817 988	0 404	556 232	1465 844	0 999	14 77
5/16/2017 19:00	507600	20 437	16 308	46 581	682 239	818 05	0 404	556 274	1465 763	0 999	14 774
5/16/2017 19:15	508500	20 438	16 309	46 585	682 073	817 831	0 404	556 125	1466 12	0 999	14 777
5/16/2017 19:30	509400	20 44	16 309	46 588	682 144	817 923	0 404	556 188	1465 967	0 999	14 772
5/16/2017 19:45	510300	20 439	16 31	46 587	682 027	817 787	0 404	556 081	1465 218	0 999	14 773
5/16/2017 20:00	511200	20 441	16 309	46 592	682 244	818 044	0 404	556 27	1465 751	0 999	14 776
5/16/2017 20:15	512100	20 44	16 309	46 59	682 245	818 037	0 404	556 265	1465 748	0 999	14 775
5/16/2017 20:30	513000	20 445	16 31	46 6	682 056	817 798	0 404	556 103	1466 156	0 999	14 771
5/16/2017 20:45	513900	20 441	16 309	46 592	682 058	817 807	0 404	556 109	1466 151	0 999	14 775
5/16/2017 21:00	514800	20 437	16 309	46 583	682 154	817 927	0 404	556 191	1465 945	0 999	14 777
5/16/2017 21:15	515700	20 441	16 308	46 591	682 201	818 091	0 404	556 247	1465 843	0 999	14 773
5/16/2017 21:30	516600	20 436	16 308	46 581	682 068	817 844	0 404	556 134	1466 13	0 999	14 772
5/16/2017 21:45	517500	20 436	16 308	46 581	682 249	818 053	0 404	556 276	1465 74	0 999	14 779
5/16/2017 22:00	518400	20 433	16 308	46 574	682 281	818 101	0 404	556 309	1465 671	0 999	14 782
5/16/2017 22:15	519300	20 447	16 308	46 604	682 452	818 306	0 404	556 448	1465 305	0 999	14 779
5/16/2017 22:30	520200	20 433	16 308	46 573	682 089	817 876	0 404	556 156	1466 083	0 999	14 785
5/16/2017 22:45	521100	20 439	16 308	46 564	682 248	818 178	0 404	556 361	1465 529	0 999	14 786
5/16/2017 23:00	522000	20 431	16 309	46 568	682 165	817 951	0 404	556 207	1465 92	0 999	14 784
5/16/2017 23:15	522900	20 443	16 308	46 596	682 281	818 098	0 404	556 307	1465 671	0 999	14 781
5/16/2017 23:30	523800	20 438	16 308	46 584	682 216	818 028	0 404	556 259	1465 811	0 999	14 779
5/16/2017 23:45	524700	20 436	16 307	46 579	682 508	818 389	0 404	556 504	1465 183	0 999	14 786
5/17/2017 0:00	525600	20 4									

Report Date: 5/19/2017 8:55
Report User Name: AVanHaitsma
Report Computer Name: WKST34
Application: WinSitu.exe
Application Version: 5.6.25.0

Log File Properties
File Name MPWSP MW-9D LT_Test_2017-05-18_18-07-39-076-BaroMerge.wsl
Create Date 5/19/2017 8:52

Device Properties
Device Aqua TROLL 200
Site MPWSP MW-9D
Device Name
Serial Number 437458
Firmware Version 2
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
Specific Gravity 0.999
Depth

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 18:00 Used Battery: 0% Used Memory: 3% User Name: KMAkar
1/15/2016 9:46 Log Download - Used Battery: 0% Used Memory: 3% User Name: KMAkar
1/21/2016 8:40 Log Download - Used Battery: 0% Used Memory: 3% User Name: KMAkar
1/28/2016 8:53 Log Download - Used Battery: 1% Used Memory: 3% User Name: KMAkar Interval - Start Time: 1/18/2016 11:45:00 AM Stop Time: 1/28/2016 1:05:00 PM
2/4/2016 9:56 Log Download - Used Battery: 1% Used Memory: 4% User Name: CShaw Interval - Start Time: 1/15/2016 7:00:00 AM Stop Time: 2/4/2016 10:45:00 AM
2/11/2016 9:46 Log Download - Used Battery: 1% Used Memory: 6% User Name: CShaw Interval - Start Time: 2/2/2016 2:30:00 PM Stop Time: 2/11/2016 10:45:00 AM
2/18/2016 11:36 Log Download - Used Battery: 2% Used Memory: 6% User Name: CShaw Interval - Start Time: 2/4/2016 3:00:00 AM Stop Time: 2/18/2016 12:00:00 PM
2/25/2016 11:25 Log Download - Used Battery: 2% Used Memory: 7% User Name: KMAkar Interval - Start Time: 2/15/2016 5:30:00 PM Stop Time: 2/25/2016 11:30:00 AM
3/3/2016 12:32 Log Download - Used Battery: 2% Used Memory: 7% User Name: SKuiper Interval - Start Time: 1/31/2016 12:00:01 AM Stop Time: 3/3/2016 1:30:00 PM
3/10/2016 14:24 Log Download - Used Battery: 3% Used Memory: 9% User Name: KMAkar Interval - Start Time: 3/1/2016 12:00:00 PM Stop Time: 3/10/2016 2:15:00 PM
3/17/2016 11:02 Log Download - Used Battery: 3% Used Memory: 9% User Name: SKuiper Interval - Start Time: 3/8/2016 12:00:01 AM Stop Time: 3/17/2016 11:44:45 AM
3/24/2016 8:37 Log Download - Used Battery: 4% Used Memory: 10% User Name: KMAkar Interval - Start Time: 3/15/2016 12:00:00 PM Stop Time: 3/24/2016 8:45:00 AM
3/31/2016 14:46 Log Download - Used Battery: 4% Used Memory: 10% User Name: SKuiper Interval - Start Time: 3/22/2016 12:00:00 PM Stop Time: 3/31/2016 2:45:00 PM
4/7/2016 9:08 Log Download - Used Battery: 4% Used Memory: 12% User Name: KMAkar Interval - Start Time: 2/29/2016 5:00:00 PM Stop Time: 4/7/2016 9:15:00 AM
4/14/2016 15:45 Log Download - Used Battery: 5% Used Memory: 12% User Name: SKuiper Interval - Start Time: 4/5/2016 12:00:00 PM Stop Time: 4/14/2016 3:45:00 PM
4/21/2016 13:49 Log Download - Used Battery: 5% Used Memory: 14% User Name: ELinden Interval - Start Time: 4/12/2016 1:30:00 PM Stop Time: 4/21/2016 2:45:00 PM
4/28/2016 9:22 Log Download - Used Battery: 5% Used Memory: 14% User Name: KMAkar Interval - Start Time: 4/19/2016 5:00:00 PM Stop Time: 4/28/2016 9:30:00 AM
5/5/2016 9:13 Log Download - Used Battery: 6% Used Memory: 15% User Name: SKuiper Interval - Start Time: 3/31/2016 12:00:00 PM Stop Time: 5/5/2016 10:00:00 AM
5/12/2016 9:50 Log Download - Used Battery: 6% Used Memory: 15% User Name: SKuiper Interval - Start Time: 5/3/2016 12:00:00 PM Stop Time: 5/12/2016 9:45:00 AM
5/19/2016 13:23 Log Download - Used Battery: 6% Used Memory: 17% User Name: ELinden Interval - Start Time: 5/10/2016 12:00:00 PM Stop Time: 5/19/2016 3:15:00 PM
5/26/2016 8:49 Log Download - Used Battery: 7% Used Memory: 17% User Name: SKuiper Interval - Start Time: 5/17/2016 6:00:00 AM Stop Time: 5/26/2016 9:45:00 PM
6/2/2016 11:13 Log Download - Used Battery: 7% Used Memory: 18% User Name: SKuiper Interval - Start Time: 4/30/2016 10:00:00 PM Stop Time: 6/2/2016 12:00:00 PM
6/9/2016 9:20 Log Download - Used Battery: 8% Used Memory: 18% User Name: CShaw Interval - Start Time: 5/31/2016 5:00:00 AM Stop Time: 6/9/2016 10:15:00 AM
6/16/2016 10:53 Log Download - Used Battery: 8% Used Memory: 20% User Name: SKuiper Interval - Start Time: 6/7/2016 10:30:00 PM Stop Time: 6/16/2016 11:45:00 AM
6/23/2016 9:47 Log Download - Used Battery: 8% Used Memory: 20% User Name: SKuiper Interval - Start Time: 6/15/2016 10:00:00 PM Stop Time: 6/23/2016 9:45:00 AM
7/1/2016 11:19 Log Download - Used Battery: 9% Used Memory: 21% User Name: SKuiper Interval - Start Time: 5/31/2016 10:00:00 PM Stop Time: 7/1/2016 11:45:00 AM
7/8/2016 11:34 Log Download - Used Battery: 9% Used Memory: 23% User Name: SKuiper Interval - Start Time: 6/29/2016 10:00:00 PM Stop Time: 7/8/2016 11:30:00 AM
7/14/2016 17:29 Log Download - Used Battery: 9% Used Memory: 23% User Name: ELinden Interval - Start Time: 5/5/2016 12:00:00 PM Stop Time: 7/14/2016 6:15:00 PM
7/21/2016 10:12 Log Download - Used Battery: 10% Used Memory: 25% User Name: SKuiper Interval - Start Time: 7/13/2016 10:00:00 PM Stop Time: 7/21/2016 10:00:00 AM
7/28/2016 17:56 Log Download - Used Battery: 10% Used Memory: 25% User Name: SKuiper Interval - Start Time: 7/20/2016 10:00:00 PM Stop Time: 7/28/2016 6:45:00 PM
8/4/2016 14:32 Log Download - Used Battery: 10% Used Memory: 26% User Name: SKuiper Interval - Start Time: 6/30/2016 10:00:00 PM Stop Time: 8/4/2016 3:00:00 PM
8/11/2016 10:18 Log Download - Used Battery: 11% Used Memory: 26% User Name: ELinden Interval - Start Time: 8/3/2016 12:00:00 PM Stop Time: 8/11/2016 11:15:00 AM
8/18/2016 15:13 Log Download - Used Battery: 11% Used Memory: 28% User Name: SKuiper Interval - Start Time: 8/10/2016 10:00:00 PM Stop Time: 8/18/2016 4:00:00 PM
8/25/2016 12:04 Log Download - Used Battery: 12% Used Memory: 28% User Name: ELinden Interval - Start Time: 8/17/2016 10:00:00 PM Stop Time: 8/25/2016 1:00:00 PM
9/1/2016 15:44 Log Download - Used Battery: 12% Used Memory: 29% User Name: skuiper Interval - Start Time: 7/31/2016 10:00:00 PM Stop Time: 9/1/2016 4:15:00 PM
9/8/2016 18:04 Log Download - Used Battery: 12% Used Memory: 29% User Name: SKuiper Interval - Start Time: 8/31/2016 10:00:00 PM Stop Time: 9/8/2016 6:45:00 PM
9/15/2016 14:29 Log Download - Used Battery: 13% Used Memory: 31% User Name: ANorris Interval - Start Time: 9/7/2016 10:00:00 PM Stop Time: 9/15/2016 3:00:00 PM
9/22/2016 12:18 Log Download - Used Battery: 13% Used Memory: 31% User Name: ANorris Interval - Start Time: 9/14/2016 10:00:00 PM Stop Time: 9/22/2016 1:15:00 PM
10/1/2016 11:00 Log Download - Used Battery: 13% Used Memory: 32% User Name: ANorris Interval - Start Time: 9/21/2016 10:00:00 PM Stop Time: 10/1/2016 11:45:00 AM
10/7/2016 16:44 Log Download - Used Battery: 14% Used Memory: 32% User Name: SKuiper Interval - Start Time: 9/28/2016 10:00:00 PM Stop Time: 10/7/2016 5:30:00 PM
10/13/2016 16:03 Log Download - Used Battery: 14% Used Memory: 34% User Name: SKuiper Interval - Start Time: 10/5/2016 10:00:00 PM Stop Time: 10/13/2016 4:00:00 PM
10/20/2016 16:28 Log Download - Used Battery: 14% Used Memory: 34% User Name: SKuiper Interval - Start Time: 10/12/2016 10:00:00 PM Stop Time: 10/20/2016 5:00:00 PM
10/27/2016 16:52 Log Download - Used Battery: 15% Used Memory: 35% User Name: SKuiper Interval - Start Time: 10/19/2016 10:00:00 PM Stop Time: 10/27/2016 4:45:00 PM
11/3/2016 16:04 Log Download - Used Battery: 15% Used Memory: 35% User Name: SKuiper Interval - Start Time: 9/30/2016 10:00:00 PM Stop Time: 11/3/2016 4:00:00 PM
11/11/2016 7:53 Log Download - Used Battery: 16% Used Memory: 37% User Name: SKuiper Interval - Start Time: 11/2/2016 10:00:00 PM Stop Time: 11/11/2016 5:30:00 PM
11/17/2016 15:19 Log Download - Used Battery: 16% Used Memory: 37% User Name: SKuiper Interval - Start Time: 11/9/2016 10:00:00 PM Stop Time: 11/17/2016 4:15:00 PM
11/24/2016 12:07 Log Download - Used Battery: 16% Used Memory: 39% User Name: SKuiper Interval - Start Time: 11/15/2016 10:00:00 PM Stop Time: 11/24/2016 12:00:00 PM
12/2/2016 7:32 Log Download - Used Battery: 17% Used Memory: 40% User Name: SKuiper Interval - Start Time: 10/31/2016 10:00:00 PM Stop Time: 12/2/2016 5:15:00 PM
12/9/2016 9:11 Log Download - Used Battery: 17% Used Memory: 40% User Name: SKuiper Interval - Start Time: 11/30/2016 10:00:00 PM Stop Time: 12/9/2016 6:30:00 PM
12/15/2016 15:02 Log Download - Used Battery: 17% Used Memory: 42% User Name: SKuiper Interval - Start Time: 12/7/2016 10:00:00 PM Stop Time: 12/15/2016 3:00:00 PM
12/22/2016 11:52 Log Download - Used Battery: 18% Used Memory: 42% User Name: ANorris Interval - Start Time: 12/14/2016 10:00:00 PM Stop Time: 12/22/2016 12:30:00 PM
1/5/2017 9:47 Log Download - Used Battery: 18% Used Memory: 43% User Name: SKuiper Interval - Start Time: 1/5/2017 9:45:00 AM
1/12/2017 15:49 Log Download - Used Battery: 18% Used Memory: 45% User Name: SKuiper Interval - Start Time: 1/4/2017 10:00:00 PM Stop Time: 1/12/2017 5:15:00 PM
1/19/2017 10:30 Log Download - Used Battery: 19% Used Memory: 45% User Name: EHernandez Interval - Start Time: 1/11/2017 10:00:00 PM Stop Time: 1/19/2017 11:15:00 AM
1/19/2017 12:25 Log Download - Used Battery: 19% Used Memory: 45% User Name: EHernandez Interval - Start Time: 1/11/2017 10:00:00 PM Stop Time: 1/19/2017 1:15:00 PM
1/26/2017 9:26 Log Download - Used Battery: 19% Used Memory: 46% User Name: SKuiper Interval - Start Time: 1/18/2017 10:00:00 PM Stop Time: 1/26/2017 9:45:00 AM
2/2/2017 15:23 Log Download - Used Battery: 20% Used Memory: 46% User Name: WMassoll Interval - Start Time: 12/31/2016 10:00:00 PM Stop Time: 2/2/2017 4:15:00 PM
2/9/2017 12:27 Log Download - Used Battery: 20% Used Memory: 48% User Name: EHernandez Interval - Start Time: 2/1/2017 12:00:00 AM Stop Time: 2/9/2017 1:15:00 PM
2/16/2017 12:08 Log Download - Used Battery: 21% Used Memory: 48% User Name: WMassoll Interval - Start Time: 2/8/2017 10:00:00 PM Stop Time: 2/16/2017 1:00:00 PM
2/23/2017 10:54 Log Download - Used Battery: 21% Used Memory: 50% User Name: EHernandez Interval - Start Time: 2/15/2017 12:00:00 AM Stop Time: 2/23/2017 12:00:00 PM
3/2/2017 15:41 Log Download - Used Battery: 21% Used Memory: 50% User Name: SKuiper Interval - Start Time: 1/31/2017 10:00:00 PM Stop Time: 3/2/2017 4:30:00 PM
3/9/2017 12:32 Log Download - Used Battery: 22% Used Memory: 51% User Name: WMassoll Interval - Start Time: 3/1/2017 11:30:00 PM Stop Time: 3/9/2017 1:30:00 PM
3/16/2017 16:18 Log Download - Used Battery: 22% Used Memory: 51% User Name: WMassoll Interval - Start Time: 3/8/2017 10:00:00 PM Stop Time: 3/16/2017 5:15:00 PM
3/23/2017 14:01 Log Download - Used Battery: 22% Used Memory: 53% User Name: AVanHaitsma Interval - Start Time: 3/15/2017 10:00:00 PM Stop Time: 3/23/2017 2:15:00 PM
5/19/2017 8:52 User Note: "Pressure & Level adjusted by baro data from: "MPWSP Barotroll_2017-05-18_18-53-25-090.wsl"

Log Data:
Record Count 753

Sensors
2
1 437458 PCTD 300 PSIA (200.7m/658.7ft)
2 0 Baro-Adjustment Calc

Time Zone: Pacific Daylight Time

Date and Time	Elapsed Time Seconds	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
		SNR: 437458	SNR: 437458	SNR: 437458	SNR: 437458	SNR: 437458	SNR: 437458	SNR: 437458	SNR: 437458	SNR: 437458	SNR: 000000
		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)
5/11/2017 0:00	7200	150.597	21.09	347.723	709.022	766.251	0.379	521.051	1410.394	0.998	14.804
5/11/2017 0:15	8100	150.626	21.101	347.79	709.395	766.478	0.379	521.205	1409.651	0.998	14.8
5/11/2017 0:30	9000	150.574	21.09	347.671	708.906	766.124	0.379	520.964	1410.625	0.998	14.805
5/11/2017 0:45	9900	150.605	21.088	347.742	708.209	765.395	0.378	520.468	1412.013	0.998	14.808
5/11/2017 1:00	10800	150.609	21.101	347.751	708.845	765.884	0.378	520.801	1410.747	0.998	14.804
5/11/2017 1:15	11700	150.606	21.098	347.746	708.263	765.292	0.378	520.398	1411.905	0.998	14.806
5/11/2017 1:30	12600	150.609	21.093	347.752	707.543	764.598	0.378	519.927	1413.341	0.998	14.803
5/11/2017 1:45	13500	150.577	21.1	347.678	707.25	764.167	0.378	519.633	1413.927	0.998	14.802
5/11/2017 2:00	14400	150.612	21.08	347.759	706.959	764.179	0.378	519.642	1414.509	0.998	14.803
5/11/2017 2:15	15300	150.592	21.102	347.712	707.232	764.118	0.378	519.601	1413.963	0.998	14.797
5/11/2017 2:30	16200	150.614	21.093	347.763	707.378	764.428	0.378	519.811	1413.671	0.998	14.8
5/11/2017 2:45	17100	150.64	21.088	347.823	706.718	763.782	0.377	519.372	1414.991	0.998	14.804
5/11/2017 3:00	18000	150.656	21.086	347.86	707.651	764.824	0.378	520.08	1413.126	0.998	14.801
5/11/2017 3:15	18900	150.654	21.101	347.856	707.977	764.939	0.378	520.158	1412.475	0.998	14.802
5/11/2017 3:30	19800	150.632	21.09	347.804	707.704	764.826	0.378	520.082	1413.019	0.998	14.799
5/11/2017 3:45	20700	150.639	21.092	347.822	707.56	764.636	0.378	519.952	1413.307	0.998	14.803
5/11/2017 4:00	21600	150.69	21.098	347.937	707.407	764.376	0.378	519.776	1413.614	0.998	14.802
5/11/2017 4:15	22500	150.658	21.101	347.865	707.037	763.93	0.377	519.473	1414.354	0.998	14.801
5/11/2017 4:30	23400	150.669	21.087	347.891	706.401	763.468	0.377	519.158	1415.627	0.998	14.807
5/11/2017 4:45	24300	150.658	21.097	347.865	706.859	763.805	0.377	519.388	1414.709	0.998	14.805
5/11/2017 5:00	25200	150.723	21.105	348.015	707.252	764.094	0.378	519.584	1413.922	0.998	14.802
5/11/2017 5:15	26100	150.72	21.096	348.008	707.283	764.265	0.378	519.7	1413.86	0.998	14.8
5/11/2017 5:30	27000	150.725	21.097	348.018	706.294	763.186	0.377	518.967	1415.841	0.998	14.805
5/11/2017 5:45	27900	150.713	21.09	347.991	706.012	762.992	0.377	518.835	1416.407	0.998	14.802
5/11/2017 6:00	28800	150.742	21.1	348.058	705.447	762.223	0.377	518.312	1417.541	0.998	14.807
5/11/2017 6:15	29700	150.74	21.101	348.055	705.668	762.44	0.377	518.46	1417.098	0.998	14.814
5/11/2017 6:30	30600	150.741	21.09	348.057	704.933	761.832	0.376	518.046	1418.575	0.998	14.815
5/11/2017 6:45	31500	150.746	21.091	348.069	705.192	762.099	0.377	518.227	1418.053	0.998	14.815
5/11/2017 7:00	32400	150.776	21.092	348.137	705.91	762.848	0.377	518.737	1416.611	0.998	14.814
5/11/2017 7:15	33300	150.764	21.088	348.11	705.891	762.898	0.377	518.77	1416.65	0.998	14.815
5/11/2017 7:30	34200	150.782	21.096	348.152	705.886	762.767	0.377	518.682	1416.66	0.998	14.809
5/11/2017 7:45	35100	150.768	21.102	348.118	706.037	762.837	0.377	518.729	1416.357	0.998	14.812
5/11/2017 8:00	36000	150.773	21.1	348.131	705.867	762.673	0.377	518.618	1416.698	0.998	14.817
5/11/2017 8:15	36900	150.718	21.102	348.003	704.967	761.673	0.376	517.938	1418.505	0.998	14.822
5/11/2017 8:30	37800	150.76	21.103	348.1	704.816	761.489	0.376	517.813	1418.81	0.998	14.814
5/11/2017 8:45	38700	150.749	21.099	348.075	704.636	761.369	0.376	517.731	1419.173	0.998	14.816
5/11/2017 9:00	39600	150.711	21.089	347.988	703.496	760.295	0.376	517	1421.472	0.998	14.81
5/11/2017 9:15	40500	150.727	21.1	348.025	702.757	759.317	0.375	516.335	1422.966	0.998	14.815
5/11/2017 9:30	41400	150.715	21.096	347.997	702.683	759.302	0.375	516.326	1423.116	0.998	14.814
5/11/2017 9:45	42300	150.701	21.1	347.963	702.326	758.856	0.375	516.022	1423.841	0.998	14.817
5/11/2017 10:00	43200	150.688	21.11	347.935	703.753	760.23	0.376	516.957	1420.953	0.998	14.817
5/11/2017 10:15	44100	150.675	21.103	347.903	702.698	759.213	0.375	516.265	1423.087	0.998	14.816
5/11/2017 10:30	45000	150.674	21.089	347.902	702.262	758.948	0.375	516.085	1423.971	0.998	14.817
5/11/2017 10:45	45900	150.657	21.105	347.863	702.657	759.123	0.375	516.209	1423.144	0.998	14.814
5/11/2017 11:00	46800	150.651	21.088	347.848	702.217	758.93	0.375	516.073	1424.061	0.998	14.809
5/11/2017 11:15	47700	150.604	21.091	347.741	703.122	759.86	0.375	516.705	1422.229	0.998	14.815
5/11/2017 11:30	48600	150.641	21.087	347.826	703.702	760.545	0.376	517.171	1421.057	0.998	14.816
5/11/2017 11:45	49500	150.607	21.093	347.746	703.646	760.392	0.376	517.067	1421.169	0.998	14.822
5/11/2017 12:00	50400	150.579	21.101	347.682	703.694	760.323	0.376	517.02	1421.073	0.998	14.812
5/11/2017 12:15	51300	150.601	21.098	347.734	703.834	760.515	0.376	517.15	1420.789	0.998	14.814
5/11/2017 12:30	52200	150.592	21.088	347.713	703.599	760.416	0.376	517.083	1421.265	0.998	14.821
5/11/2017 12:45	53100	150.555	21.094	347.627	703.541	760.255	0.376	516.948	1421.381	0.998	14.817
5/11/2017 13:00	54000	150.583	21.097	347.692	704.056	760.775	0.376	517.327	1420.342	0.998	14.817
5/11/2017 13:15	54900	150.556	21.098	347.629	703.923	760.615	0.376	517.218	1420.61	0.998	14.814
5/11/2017 13:30	55800	150.551	21.094	347.617	703.494	760.21	0.376	516.943	1421.476	0.998	14.817
5/11/2017 13:45	56700	150.601	21.096	347.734	703.332	760.002	0.375	516.801	1421.804	0.998	14.814
5/11/2017 14:00	57600	150.561	21.096	347.642	703.366	760.047	0.375	516.832	1421.736	0.998	14.817
5/11/2017 14:15	58500	150.577	21.096	347.677	703.465	760.143	0.375	516.897	1421.556	0.998	14.807
5/11/2017 14:30	59400	150.578	21.088	347.68	703.188	759.979	0.375	516.786	1422.096	0.998	14.811
5/11/2017 14:45	60300	150.595	21.091	347.719	703.406	760.169	0.376	516.915	1421.654	0.998	14.815
5/11/2017 15:00	61200	150.593	21.096	347.714	703.707	760.408	0.376	517.077	1421.045	0.998	14.814
5/11/2017 15:15	62100	150.638	21.103	347.82	704.028	760.647	0.376	517.24	1420.398	0.998	14.808
5/11/2017 15:30	63000	150.642	21.102	347.827	704.016	760.65	0.376	517.242	1420.422	0.998	14.809
5/11/2017 15:45	63900	150.627	21.094	347.793	703.514	760.239	0.376	516.962	1421.436	0.998	14.807
5/11/2017 16:00	64800	150.654	21.093	347.856	703.414	760.145	0.376	516.899	1421.638	0.998	14.806
5/11/2017 16:15	65700	150.676	21.097	347.905	703.989	703.34	0.375	516.793	1421.787	0.998	14.807
5/11/2017 16:30	66600	150.678	21.1	347.911	703.112	759.703	0.375	516.598	1422.248	0.998	14.801
5/11/2017 16:45	67500	150.697	21.089	347.955	702.891	759.631	0.375	516.549	1422.696	0.998	14.798
5/11/2017 17:00	68400	150.695	21.1	347.95	703.808	760.448	0.376	517.105	1420.842	0.998	14.801
5/11/2017 17:15	69300	150.703	21.096	347.969	702.593	759.198	0.375	516.255	1423.298	0.998	14.797

5/11/2017 17:30	70200	150.664	21.096	347.879	703.034	759.674	0.375	516.578	1422.407	0.998	14.803
5/11/2017 17:45	71100	150.693	21.097	347.946	702.823	759.442	0.375	516.42	1422.834	0.998	14.802
5/11/2017 18:00	72000	150.676	21.09	347.907	702.599	759.3	0.375	516.324	1423.287	0.998	14.809
5/11/2017 18:15	72900	150.685	21.096	347.927	702.336	758.931	0.375	516.073	1423.821	0.998	14.797
5/11/2017 18:30	73800	150.678	21.098	347.911	702.328	758.886	0.375	516.043	1423.837	0.998	14.801
5/11/2017 18:45	74700	150.676	21.097	347.907	702.246	758.918	0.375	516.064	1423.799	0.998	14.802
5/11/2017 19:00	75600	150.667	21.087	347.886	702.017	757.927	0.375	515.927	1424.468	0.997	14.807
5/11/2017 19:15	76500	150.663	21.105	347.877	702.084	758.516	0.375	515.791	1424.332	0.998	14.797
5/11/2017 19:30	77400	150.603	21.098	347.738	701.904	758.433	0.375	515.734	1424.696	0.998	14.801
5/11/2017 19:45	78300	150.648	21.096	347.842	700.749	757.204	0.374	514.899	1427.045	0.998	14.798
5/11/2017 20:00	79200	150.628	21.098	347.794	700.367	756.773	0.374	514.606	1427.823	0.998	14.799
5/11/2017 20:15	80100	150.612	21.098	347.759	700.038	756.407	0.374	514.357	1428.494	0.998	14.803
5/11/2017 20:30	81000	150.618	21.103	347.731	699.515	755.791	0.373	513.938	1429.562	0.998	14.804
5/11/2017 20:45	81900	150.6	21.099	347.732	699.215	755.501	0.373	513.741	1430.175	0.998	14.801
5/11/2017 21:00	82800	150.595	21.1	347.719	699.292	755.571	0.373	513.788	1430.017	0.998	14.801
5/11/2017 21:15	83700	150.591	21.094	347.71	699.594	755.989	0.373	514.072	1429.4	0.998	14.805
5/11/2017 21:30	84600	150.536	21.095	347.583	699.734	756.132	0.373	514.17	1429.114	0.998	14.802
5/11/2017 21:45	85500	150.565	21.101	347.651	700.754	757.143	0.374	514.858	1427.035	0.998	14.806
5/11/2017 22:00	86400	150.563	21.09	347.645	700.869	757.436	0.374	515.057	1426.799	0.998	14.802
5/11/2017 22:15	87300	150.554	21.094	347.624	701.059	757.585	0.374	515.158	1426.413	0.998	14.804
5/11/2017 22:30	88200	150.533	21.083	347.576	700.869	757.545	0.374	515.131	1426.801	0.998	14.801
5/11/2017 22:45	89100	150.533	21.091	347.576	700.84	757.395	0.374	515.029	1426.859	0.998	14.795
5/11/2017 23:00	90000	150.562	21.091	347.644	701.192	757.765	0.374	515.28	1426.143	0.998	14.802
5/11/2017 23:15	90900	150.56	21.1	347.637	701.269	757.714	0.374	515.246	1425.986	0.998	14.808
5/11/2017 23:30	91800	150.579	21.099	347.681	700.944	757.377	0.374	515.012	1426.647	0.998	14.8
5/11/2017 23:45	92700	150.548	21.096	347.61	700.942	757.413	0.374	515.041	1426.651	0.998	14.805
5/12/2017 0:00	93600	150.559	21.103	347.637	700.66	757.003	0.374	514.762	1427.225	0.998	14.8
5/12/2017 0:15	94500	150.586	21.103	347.699	700.444	756.78	0.374	514.611	1427.666	0.998	14.804
5/12/2017 0:30	95400	150.566	21.093	347.652	700.084	756.545	0.374	514.451	1428.4	0.998	14.802
5/12/2017 0:45	96300	150.589	21.101	347.706	700.191	756.529	0.374	514.44	1428.181	0.998	14.801
5/12/2017 1:00	97200	150.575	21.096	347.673	700.144	756.559	0.374	514.46	1428.277	0.998	14.797
5/12/2017 1:15	98100	150.606	21.104	347.745	700.16	756.45	0.374	514.386	1428.245	0.998	14.806
5/12/2017 1:30	99000	150.605	21.107	347.741	700.121	756.36	0.374	514.325	1428.324	0.998	14.802
5/12/2017 1:45	99900	150.577	21.104	347.677	699.674	755.929	0.373	514.032	1429.237	0.998	14.813
5/12/2017 2:00	100800	150.615	21.089	347.765	699.234	755.678	0.373	513.861	1430.136	0.998	14.798
5/12/2017 2:15	101700	150.592	21.098	347.712	699.466	755.789	0.373	513.936	1429.663	0.998	14.802
5/12/2017 2:30	102600	150.619	21.103	347.775	699.636	755.63	0.373	514.29	1429.315	0.998	14.801
5/12/2017 2:45	103500	150.623	21.108	347.785	698.961	755.095	0.373	513.465	1430.694	0.998	14.803
5/12/2017 3:00	104400	150.637	21.106	347.816	698.654	754.792	0.373	513.258	1431.324	0.998	14.807
5/12/2017 3:15	105300	150.634	21.097	347.809	698.295	754.545	0.373	513.091	1432.06	0.998	14.81
5/12/2017 3:30	106200	150.663	21.098	347.876	698.104	754.33	0.373	512.944	1432.451	0.998	14.797
5/12/2017 3:45	107100	150.652	21.089	347.852	697.174	753.456	0.372	512.35	1434.361	0.998	14.801
5/12/2017 4:00	108000	150.608	21.095	347.749	697.979	753.875	0.372	512.878	1432.708	0.998	14.806
5/12/2017 4:15	108900	150.666	21.092	347.882	698.28	754.599	0.373	513.127	1432.09	0.998	14.802
5/12/2017 4:30	109800	150.649	21.104	347.843	698.45	754.604	0.373	513.131	1431.741	0.998	14.811
5/12/2017 4:45	110700	150.667	21.102	347.885	697.942	754.092	0.372	512.782	1432.784	0.998	14.809
5/12/2017 5:00	111600	150.633	21.098	347.806	697.465	753.632	0.372	512.47	1433.764	0.998	14.806
5/12/2017 5:15	112500	150.684	21.096	347.925	697.199	753.378	0.372	512.297	1434.311	0.998	14.81
5/12/2017 5:30	113400	150.680	21.106	347.888	697.266	753.464	0.372	512.288	1434.173	0.998	14.812
5/12/2017 5:45	114300	150.688	21.086	347.933	697.253	753.593	0.372	512.443	1434.199	0.998	14.811
5/12/2017 6:00	115200	150.677	21.103	347.909	697.211	753.279	0.372	512.23	1434.286	0.998	14.81
5/12/2017 6:15	116100	150.645	21.089	347.835	696.701	752.952	0.372	512.007	1435.336	0.998	14.817
5/12/2017 6:30	117000	150.687	21.094	347.931	697.028	753.22	0.372	512.19	1434.663	0.998	14.814
5/12/2017 6:45	117900	150.676	21.099	347.906	696.974	753.083	0.372	512.097	1434.773	0.998	14.817
5/12/2017 7:00	118800	150.691	21.093	347.941	696.837	753.025	0.372	512.057	1435.055	0.998	14.817
5/12/2017 7:15	119700	150.681	21.102	347.918	697.322	753.409	0.372	512.218	1434.057	0.998	14.815
5/12/2017 7:30	120600	150.646	21.096	347.836	697.227	753.411	0.372	512.32	1434.254	0.998	14.818
5/12/2017 7:45	121500	150.678	21.092	347.911	697.034	753.252	0.372	512.212	1434.65	0.998	14.818
5/12/2017 8:00	122400	150.682	21.101	347.921	697.087	753.18	0.372	512.162	1434.542	0.998	14.819
5/12/2017 8:15	123300	150.685	21.094	347.928	697.041	753.241	0.372	512.204	1434.686	0.998	14.815
5/12/2017 8:30	124200	150.683	21.103	347.923	697.414	753.501	0.372	512.381	1433.868	0.998	14.82
5/12/2017 8:45	125100	150.652	21.097	347.85	696.844	752.975	0.372	512.022	1435.042	0.998	14.812
5/12/2017 9:00	126000	150.69	21.093	347.937	696.911	753.111	0.372	512.116	1434.903	0.998	14.818
5/12/2017 9:15	126900	150.651	21.096	347.848	697.247	753.43	0.372	512.333	1434.213	0.998	14.813
5/12/2017 9:30	127800	150.69	21.099	347.939	697.378	753.523	0.372	512.396	1433.943	0.998	14.818
5/12/2017 9:45	128700	150.708	21.102	347.981	697.213	753.295	0.372	512.24	1434.282	0.998	14.812
5/12/2017 10:00	129600	150.673	21.094	347.898	696.807	752.986	0.372	512.031	1435.118	0.998	14.815
5/12/2017 10:15	130500	150.671	21.101	347.987	696.326	752.997	0.372	511.597	1436.109	0.998	14.816
5/12/2017 10:30	131400	150.678	21.086	347.91	695.819	752.037	0.371	511.385	1437.155	0.998	14.815
5/12/2017 10:45	132300	150.713	21.102	347.991	695.915	751.895	0.371	511.289	1436.958	0.998	14.816
5/12/2017 11:00	133200	150.72	21.095	348.008	695.818	751.894	0.371	511.288	1437.158	0.998	14.817
5/12/2017 11:15	134100	150.703	21.102	347.967	695.715	751.68	0.371	511.142	1437.371	0.998	14.812
5/12/2017 11:30	135000	150.737	21.094	348.046	696.126	752.246	0.372	511.528	1436.522	0.998	14.815
5/12/2017 11:45	135900	150.711	21.089	347.987	695.787	751.659	0.371	511.332	1437.221	0.998	14.812
5/12/2017 12:00	136800	150.73	21.106	348.032	695.728	751.626	0.371	511.105	1437.343	0.998	14.808
5/12/2017 12:15	137700	150.742	21.101	348.059	696.196	752.213	0.371	511.505	1436.377	0.998	14.811
5/12/2017 12:30	138600	150.722	21.092	348.014	696.368	752.542	0.372	511.729	1436.023	0.998	14.805
5/12/2017 12:45	139500	150.717	21.099	348.002	696.274	752.332	0.372	511.586	1436.215	0.998	14.803
5/12/2017 13:00	140400	150.764	21.103	348.11	696.58	752.595	0.372	511.765	1435.586	0.998	14.802
5/12/2017 13:15	141300	150.771	21.105	348.285	696.256	752.285	0.372	511.554	1436.253	0.998	14.803
5/12/2017 13:30	142200	150.782	21.099	348.151	695.967	751.998	0.371	511.359	1436.849	0.998	14.8
5/12/2017 13:45	143100	150.794	21.106	348.179	695.741	751.648	0.371	511.12	1437.316	0.998	14.802
5/12/2017 14:00	144000	150.8	21.105	348.193	695.606	751.515	0.371	511.03	1437.596	0.998	14.798
5/12/2017 14:15	144900	150.803	21.								

5/13/2017 22:15	260100	150.877	21.087	348.371	693.152	749.146	0.37	509.419	1442.686	0.998	14.73
5/13/2017 22:30	261000	150.9	21.105	348.424	693.794	749.563	0.37	509.703	1441.35	0.998	14.729
5/13/2017 22:45	261900	150.854	21.096	348.318	692.658	748.472	0.37	508.961	1443.715	0.998	14.732
5/13/2017 23:00	262800	150.89	21.1	348.4	692.534	748.267	0.369	508.821	1443.972	0.998	14.732
5/13/2017 23:15	263700	150.896	21.103	348.414	692.34	748.021	0.369	508.654	1444.376	0.998	14.73
5/13/2017 23:30	264600	150.889	21.095	348.398	692.177	747.959	0.369	508.612	1444.718	0.998	14.732
5/13/2017 23:45	265500	150.847	21.102	348.3	692.338	748.063	0.368	508.663	1444.382	0.998	14.731
5/14/2017 0:00	266400	150.893	21.105	348.408	692.42	748.076	0.369	508.692	1444.209	0.998	14.73
5/14/2017 0:15	267300	150.903	21.105	348.43	691.904	747.517	0.369	508.311	1445.288	0.998	14.719
5/14/2017 0:30	268200	150.883	21.1	348.384	692.015	747.705	0.369	508.44	1445.056	0.998	14.729
5/14/2017 0:45	269100	150.89	21.106	348.4	692.188	747.8	0.369	508.504	1444.695	0.998	14.725
5/14/2017 1:00	270000	150.895	21.103	348.411	691.503	747.12	0.369	508.042	1446.125	0.998	14.727
5/14/2017 1:15	270900	150.899	21.105	348.421	691.457	746.966	0.369	507.937	1446.222	0.998	14.718
5/14/2017 1:30	271800	150.902	21.103	348.427	691.312	746.901	0.369	507.893	1446.526	0.998	14.718
5/14/2017 1:45	272700	150.868	21.1	348.349	691.263	746.902	0.369	507.893	1446.627	0.998	14.716
5/14/2017 2:00	273600	150.889	21.099	348.399	691.211	746.861	0.369	507.866	1446.736	0.998	14.723
5/14/2017 2:15	274500	150.888	21.104	348.396	691.23	746.798	0.369	507.823	1446.696	0.998	14.721
5/14/2017 2:30	275400	150.858	21.102	348.327	691.148	746.74	0.369	507.783	1446.869	0.998	14.716
5/14/2017 2:45	276300	150.899	21.106	348.42	691.232	746.796	0.369	507.808	1446.692	0.998	14.713
5/14/2017 3:00	277200	150.905	21.102	348.436	690.762	746.326	0.368	507.502	1447.677	0.998	14.709
5/14/2017 3:15	278100	150.898	21.095	348.42	690.393	746.036	0.368	507.304	1448.449	0.998	14.719
5/14/2017 3:30	279000	150.901	21.099	348.425	690.385	745.965	0.368	507.256	1448.467	0.998	14.711
5/14/2017 3:45	279900	150.869	21.101	348.351	690.221	745.765	0.368	507.12	1448.81	0.998	14.716
5/14/2017 4:00	280800	150.898	21.099	348.42	690.148	745.715	0.368	507.086	1448.965	0.998	14.716
5/14/2017 4:15	281700	150.907	21.088	348.44	690.051	745.793	0.368	507.128	1449.167	0.998	14.713
5/14/2017 4:30	282600	150.906	21.101	348.438	690.069	745.601	0.368	507.009	1449.131	0.998	14.708
5/14/2017 4:45	283500	150.859	21.095	348.33	689.981	745.598	0.368	507.006	1449.316	0.998	14.711
5/14/2017 5:00	284400	150.898	21.099	348.42	690.232	745.799	0.368	507.143	1448.788	0.998	14.711
5/14/2017 5:15	285300	150.858	21.097	348.327	690.133	745.725	0.368	507.093	1448.996	0.998	14.708
5/14/2017 5:30	286200	150.909	21.105	348.443	690.369	745.849	0.368	507.178	1448.501	0.998	14.703
5/14/2017 5:45	287100	150.895	21.101	348.413	689.789	745.294	0.368	506.8	1449.719	0.998	14.718
5/14/2017 6:00	288000	150.897	21.105	348.417	689.695	745.131	0.368	506.689	1449.917	0.998	14.709
5/14/2017 6:15	288900	150.892	21.101	348.404	689.275	744.735	0.368	506.42	1450.799	0.998	14.707
5/14/2017 6:30	289800	150.892	21.102	348.404	689.166	744.607	0.368	506.333	1451.03	0.998	14.712
5/14/2017 6:45	290700	150.88	21.099	348.378	689.38	744.876	0.368	506.516	1450.579	0.998	14.713
5/14/2017 7:00	291600	150.891	21.1	348.403	689.528	745.024	0.368	506.616	1450.267	0.998	14.709
5/14/2017 7:15	292500	150.855	21.095	348.319	689.89	745.493	0.368	506.938	1449.568	0.998	14.708
5/14/2017 7:30	293400	150.872	21.085	348.358	690.119	745.895	0.368	507.209	1449.026	0.998	14.715
5/14/2017 7:45	294300	150.859	21.091	348.33	690.396	746.096	0.368	507.346	1448.444	0.998	14.712
5/14/2017 8:00	295200	150.87	21.1	348.353	691.513	747.172	0.369	508.077	1446.105	0.998	14.711
5/14/2017 8:15	296100	150.859	21.109	348.329	691.647	747.175	0.369	508.079	1445.823	0.998	14.718
5/14/2017 8:30	297000	150.864	21.104	348.341	691.463	747.061	0.369	508.001	1446.208	0.998	14.712
5/14/2017 8:45	297900	150.86	21.107	348.33	691.225	747.792	0.369	507.792	1446.706	0.998	14.717
5/14/2017 9:00	298800	150.856	21.097	348.323	690.766	746.409	0.369	507.558	1447.657	0.998	14.713
5/14/2017 9:15	299700	150.844	21.096	348.295	690.565	746.208	0.368	507.422	1448.089	0.998	14.717
5/14/2017 9:30	300600	150.801	21.09	348.196	690.547	746.281	0.368	507.471	1448.127	0.998	14.719
5/14/2017 9:45	301500	150.823	21.103	348.246	690.813	746.373	0.368	507.534	1447.569	0.998	14.719
5/14/2017 10:00	302400	150.784	21.098	348.156	690.798	746.434	0.369	507.575	1447.601	0.998	14.718
5/14/2017 10:15	303300	150.766	21.108	348.113	691.408	747.123	0.369	507.118	1446.337	0.998	14.713
5/14/2017 10:30	304200	150.812	21.1	348.22	691.29	746.925	0.369	507.909	1446.57	0.998	14.709
5/14/2017 10:45	305100	150.775	21.092	348.135	689.994	745.649	0.368	507.041	1449.287	0.998	14.717
5/14/2017 11:00	306000	150.744	21.107	348.064	690.289	745.74	0.368	507.103	1448.668	0.998	14.723
5/14/2017 11:15	306900	150.707	21.095	347.977	690.027	745.647	0.368	507.04	1449.218	0.998	14.716
5/14/2017 11:30	307800	150.729	21.086	348.029	690.057	745.807	0.368	507.149	1449.155	0.998	14.714
5/14/2017 11:45	308700	150.694	21.098	347.949	691.517	747.203	0.369	508.098	1446.096	0.998	14.715
5/14/2017 12:00	309600	150.651	21.073	347.849	691.901	747.999	0.369	508.639	1445.294	0.998	14.719
5/14/2017 12:15	310500	150.667	21.1	347.886	693.535	749.358	0.37	509.563	1441.888	0.998	14.721
5/14/2017 12:30	311400	150.652	21.102	347.852	693.536	749.327	0.37	509.542	1441.887	0.998	14.723
5/14/2017 12:45	312300	150.634	21.095	347.809	693.715	749.624	0.37	509.744	1441.514	0.998	14.726
5/14/2017 13:00	313200	150.594	21.091	347.718	693.237	749.172	0.37	509.437	1442.508	0.998	14.725
5/14/2017 13:15	314100	150.638	21.1	347.819	693.316	749.12	0.37	509.402	1442.345	0.998	14.722
5/14/2017 13:30	315000	150.63	21.093	347.8	693.16	748.902	0.37	509.254	1442.669	0.998	14.719
5/14/2017 13:45	315900	150.639	21.09	347.821	692.999	748.935	0.37	509.276	1443.003	0.998	14.728
5/14/2017 14:00	316800	150.596	21.085	347.72	692.961	748.96	0.37	509.293	1443.084	0.998	14.724
5/14/2017 14:15	317700	150.622	21.097	347.781	692.861	748.676	0.37	509.1	1443.292	0.998	14.723
5/14/2017 14:30	318600	150.641	21.091	347.826	692.806	748.705	0.37	509.119	1443.406	0.998	14.726
5/14/2017 14:45	319500	150.644	21.101	347.833	693.859	749.684	0.37	509.785	1441.214	0.998	14.721
5/14/2017 15:00	320400	150.616	21.105	347.788	693.819	749.586	0.37	509.719	1441.298	0.998	14.718
5/14/2017 15:15	321300	150.645	21.096	347.834	693.257	749.115	0.37	509.398	1442.467	0.998	14.713
5/14/2017 15:30	322200	150.652	21.096	347.85	693.049	748.894	0.37	509.248	1442.9	0.998	14.715
5/14/2017 15:45	323100	150.658	21.094	347.865	693.095	748.967	0.37	509.297	1442.804	0.998	14.716
5/14/2017 16:00	324000	150.661	21.085	347.871	693.022	749.028	0.37	509.339	1442.955	0.998	14.714
5/14/2017 16:15	324900	150.671	21.099	347.896	693.443	749.276	0.37	509.508	1442.079	0.998	14.71
5/14/2017 16:30	325800	150.627	21.098	347.792	694.041	749.829	0.37	509.952	1440.837	0.998	14.711
5/14/2017 16:45	326700	150.684	21.099	347.925	693.936	749.799	0.37	509.863	1441.055	0.998	14.703
5/14/2017 17:00	327600	150.685	21.098	347.927	693.713	749.575	0.37	509.711	1441.519	0.998	14.707
5/14/2017 17:15	328500	150.69	21.092	347.939	693.322	749.249	0.37	509.49	1442.331	0.998	14.706
5/14/2017 17:30	329400	150.696	21.11	347.952	693.349	749.001	0.37	509.32	1442.276	0.998	14.705
5/14/2017 17:45	330300	150.693	21.101	347.946	693.595	749.399	0.37	509.592	1441.764	0.998	14.703
5/14/2017 18:00	331200	150.686	21.097	347.929	693.133	749.3	0.37	509.3	1442.724	0.998	14.71
5/14/2017 18:15	332100	150.692	21.086	347.942	692.978	748.974	0.37	509.303	1443.047	0.998	14.71
5/14/2017 18:30	333000	150.659	21.102	347.868	693.549	749.343	0.37	509.553	1441.859	0.998	14.707
5/14/2017 18:45	333900	150.713	21.094	347.993	692.409	748.231	0.369	508.797	1444.233	0.998	14.708
5/14/2017 19:00	334800	150.676	21.095	347.907							

5/16/2017 3:00	450000	150.979	21.105	348.607	687.789	743.063	0.367	505.283	1453.935	0.998	14.743
5/16/2017 3:15	450900	150.99	21.103	348.632	687.739	743.04	0.367	505.267	1454.04	0.998	14.751
5/16/2017 3:30	451800	150.983	21.093	348.614	687.663	743.119	0.367	505.321	1454.2	0.998	14.749
5/16/2017 3:45	452700	150.958	21.103	348.558	687.481	742.759	0.367	505.076	1454.587	0.998	14.742
5/16/2017 4:00	453600	150.987	21.098	348.624	687.674	743.051	0.367	505.274	1454.176	0.998	14.751
5/16/2017 4:15	454500	150.993	21.107	348.638	687.604	742.845	0.367	505.135	1454.325	0.998	14.744
5/16/2017 4:30	455400	150.959	21.098	348.558	687.31	743.172	0.367	505.011	1454.948	0.998	14.749
5/16/2017 4:45	456300	150.96	21.106	348.563	687.428	742.667	0.367	505.014	1454.697	0.998	14.749
5/16/2017 5:00	457200	150.995	21.106	348.642	688.334	743.65	0.367	505.682	1452.782	0.998	14.75
5/16/2017 5:15	458100	150.994	21.097	348.64	688.049	743.473	0.367	505.562	1453.384	0.998	14.754
5/16/2017 5:30	459000	151	21.093	348.654	687.814	743.274	0.367	505.426	1453.881	0.998	14.751
5/16/2017 5:45	459900	150.992	21.105	348.636	688.387	743.715	0.367	505.726	1452.671	0.998	14.749
5/16/2017 6:00	460800	151	21.107	348.653	687.91	743.172	0.367	505.357	1453.679	0.998	14.747
5/16/2017 6:15	461700	150.953	21.101	348.546	687.854	743.204	0.367	505.379	1453.797	0.998	14.751
5/16/2017 6:30	462600	150.989	21.109	348.63	688.207	743.454	0.367	505.549	1453.051	0.998	14.752
5/16/2017 6:45	463500	150.986	21.102	348.622	687.996	743.338	0.367	505.47	1453.496	0.998	14.756
5/16/2017 7:00	464400	150.988	21.088	348.627	687.727	743.263	0.367	505.419	1454.064	0.998	14.76
5/16/2017 7:15	465300	150.941	21.105	348.517	687.957	743.257	0.367	505.414	1453.58	0.998	14.76
5/16/2017 7:30	466200	150.942	21.089	348.52	688.01	743.548	0.367	505.612	1453.467	0.998	14.762
5/16/2017 7:45	467100	150.974	21.088	348.594	687.509	743.027	0.367	505.258	1454.527	0.998	14.763
5/16/2017 8:00	468000	150.967	21.098	348.577	687.814	743.211	0.367	505.384	1453.881	0.998	14.762
5/16/2017 8:15	468900	150.927	21.095	348.485	687.947	743.397	0.367	505.51	1453.601	0.998	14.762
5/16/2017 8:30	469800	150.908	21.091	348.442	687.652	743.139	0.367	505.334	1454.225	0.998	14.765
5/16/2017 8:45	470700	150.924	21.094	348.48	688.898	744.435	0.368	506.216	1451.593	0.998	14.768
5/16/2017 9:00	471600	150.916	21.098	348.461	689.231	744.737	0.368	506.421	1450.892	0.998	14.772
5/16/2017 9:15	472500	150.886	21.083	348.391	689.29	745.036	0.368	506.624	1450.768	0.998	14.771
5/16/2017 9:30	473400	150.846	21.085	348.298	689.292	745.004	0.368	506.603	1450.765	0.998	14.768
5/16/2017 9:45	474300	150.811	21.085	348.217	689.228	744.929	0.368	506.552	1450.899	0.998	14.776
5/16/2017 10:00	475200	150.82	21.092	348.238	689.739	745.37	0.368	506.852	1449.824	0.998	14.776
5/16/2017 10:15	476100	150.766	21.087	348.115	689.98	745.714	0.368	507.086	1449.317	0.998	14.771
5/16/2017 10:30	477000	150.777	21.087	348.139	690.901	746.708	0.369	507.762	1447.385	0.998	14.77
5/16/2017 10:45	477900	150.756	21.1	348.091	691.671	747.182	0.369	508.084	1445.774	0.998	14.775
5/16/2017 11:00	478800	150.747	21.098	348.069	691.068	746.727	0.369	507.774	1447.036	0.998	14.77
5/16/2017 11:15	479700	150.711	21.093	347.986	690.762	746.472	0.369	507.601	1447.676	0.998	14.771
5/16/2017 11:30	480600	150.662	21.098	347.874	690.491	746.103	0.368	507.35	1448.245	0.998	14.775
5/16/2017 11:45	481500	150.638	21.096	347.818	689.969	745.562	0.368	506.982	1449.341	0.998	14.779
5/16/2017 12:00	482400	150.654	21.089	347.855	690.198	745.917	0.368	507.224	1448.86	0.998	14.776
5/16/2017 12:15	483300	150.593	21.082	347.715	691.488	747.419	0.369	508.245	1446.157	0.998	14.771
5/16/2017 12:30	484200	150.572	21.085	347.665	692.515	748.477	0.37	508.964	1444.012	0.998	14.78
5/16/2017 12:45	485100	150.584	21.102	347.694	692.755	748.486	0.37	508.971	1443.512	0.998	14.78
5/16/2017 13:00	486000	150.516	21.089	347.538	692.402	748.307	0.369	508.849	1444.249	0.998	14.78
5/16/2017 13:15	486900	150.509	21.077	347.522	692.089	748.141	0.369	508.736	1444.9	0.998	14.783
5/16/2017 13:30	487800	150.485	21.087	347.464	692.308	748.227	0.369	508.795	1444.444	0.998	14.778
5/16/2017 13:45	488700	150.505	21.096	347.512	692.703	748.525	0.37	508.997	1443.62	0.998	14.784
5/16/2017 14:00	489600	150.45	21.084	347.385	693.132	749.168	0.37	509.434	1442.726	0.998	14.784
5/16/2017 14:15	490500	150.426	21.089	347.328	693.535	749.516	0.37	509.671	1441.889	0.998	14.785
5/16/2017 14:30	491400	150.461	21.095	347.41	693.623	749.534	0.37	509.683	1441.705	0.998	14.784
5/16/2017 14:45	492300	150.428	21.097	347.334	694.001	749.901	0.37	509.933	1440.921	0.998	14.784
5/16/2017 15:00	493200	150.427	21.087	347.325	693.625	749.655	0.37	509.765	1441.7	0.998	14.784
5/16/2017 15:15	494100	150.407	21.082	347.285	693.495	749.595	0.37	509.725	1441.572	0.998	14.781
5/16/2017 15:30	495000	150.385	21.09	347.234	693.557	749.528	0.37	509.679	1441.842	0.998	14.782
5/16/2017 15:45	495900	150.338	21.093	347.125	693.997	749.961	0.37	509.974	1440.928	0.998	14.786
5/16/2017 16:00	496800	150.368	21.094	347.194	694.41	750.39	0.371	510.265	1440.071	0.998	14.777
5/16/2017 16:15	497700	150.327	21.088	347.1	694.367	750.434	0.371	510.295	1440.161	0.998	14.78
5/16/2017 16:30	498600	150.339	21.099	347.127	694.269	750.164	0.37	510.111	1440.365	0.998	14.775
5/16/2017 16:45	499500	150.293	21.094	347.023	694.204	750.252	0.37	510.171	1440.499	0.998	14.776
5/16/2017 17:00	500400	150.318	21.096	347.079	694.507	750.468	0.371	510.318	1439.87	0.998	14.774
5/16/2017 17:15	501300	150.305	21.082	347.05	694.417	750.584	0.371	510.397	1440.057	0.998	14.778
5/16/2017 17:30	502200	150.298	21.095	347.034	694.931	750.941	0.371	510.64	1438.992	0.998	14.774
5/16/2017 17:45	503100	150.28	21.097	346.992	695.21	751.205	0.371	510.819	1438.415	0.998	14.78
5/16/2017 18:00	504000	150.243	21.099	346.906	695.052	750.988	0.371	510.672	1438.782	0.998	14.782
5/16/2017 18:15	504900	150.281	21.092	346.954	694.5	750.594	0.371	510.358	1439.886	0.998	14.776
5/16/2017 18:30	505800	150.267	21.095	346.962	694.528	750.511	0.371	510.347	1439.826	0.998	14.779
5/16/2017 18:45	506700	150.236	21.099	346.891	695.435	751.422	0.371	510.967	1437.949	0.998	14.77
5/16/2017 19:00	507600	150.236	21.095	346.89	695.26	751.299	0.371	510.883	1438.311	0.998	14.774
5/16/2017 19:15	508500	150.223	21.098	346.861	695.105	751.088	0.371	510.74	1438.631	0.998	14.777
5/16/2017 19:30	509400	150.279	21.104	346.989	695.439	751.349	0.371	510.917	1437.942	0.998	14.772
5/16/2017 19:45	510300	150.248	21.095	346.918	694.49	751.421	0.371	510.422	1439.906	0.998	14.776
5/16/2017 20:00	511200	150.277	21.098	346.986	694.774	750.731	0.371	510.497	1439.318	0.998	14.776
5/16/2017 20:15	512100	150.288	21.095	347.01	694.627	750.607	0.371	510.413	1439.621	0.998	14.775
5/16/2017 20:30	513000	150.268	21.091	346.965	694.425	750.447	0.371	510.304	1440.041	0.998	14.771
5/16/2017 20:45	513900	150.317	21.092	347.078	694.303	750.301	0.371	510.204	1440.294	0.998	14.775
5/16/2017 21:00	514800	150.315	21.1	347.072	694.614	750.519	0.371	510.353	1439.65	0.998	14.777
5/16/2017 21:15	515700	150.314	21.099	347.068	694.349	750.472	0.37	510.117	1440.197	0.998	14.778
5/16/2017 21:30	516600	150.327	21.108	347.1	694.354	750.112	0.37	510.076	1440.187	0.998	14.772
5/16/2017 21:45	517500	150.33	21.102	347.107	693.265	749.029	0.37	509.34	1442.45	0.998	14.779
5/16/2017 22:00	518400	150.301	21.093	347.041	693.439	749.353	0.37	509.56	1442.089	0.998	14.782
5/16/2017 22:15	519300	150.353	21.096	347.159	693.409	749.285	0.37	509.514	1442.149	0.998	14.779
5/16/2017 22:30	520200	150.347	21.093	347.146	693.788	749.739	0.37	509.823	1441.362	0.998	14.785
5/16/2017 22:45	521100	150.365	21.096	347.188	693.642	749.786	0.37	509.786	1441.665	0.998	14.786
5/16/2017 23:00	522000	150.367	21.101	347.192	694.227	750.083	0.37	510.057	1440.451	0.998	14.784
5/16/2017 23:15	522900	150.369	21.089	347.198	694.012	750.033	0.37	510.022	1440.897	0.998	14.781
5/16/2017 23:30	523800	150.377	21.089	347.215	693.605	749.602	0.37	509.729	1441.744	0.998	14.779
5/16/2017 23:45	524700	1									

Report Date: 5/19/2017 8:55
Report User Name: AVanHaitsma
Report Computer Name: WKST34
Application: WinSitu.exe
Application Version: 5.6.25.0

Log File Properties
File Name: MPWSP MW-9M_2017-05-18_18-09-29-703.wsl
Create Date: 5/18/2017 18:09

Device Properties
Device: Aqua TROLL 200
Site: MPWSP MW-9
Device Name:
Serial Number: 410760
Firmware Version: 2
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 13:21 Used Battery: 1% Used Memory: 1% User Name: CShaw
7/17/2015 13:21 Sensor SN: 410760 Cache Timeout: 1000 User Name: CShaw
7/17/2015 13:25 Sensor SN: 410760 Cache Timeout: 1750 User Name: CShaw
7/17/2015 13:25 Device Taken Offline
7/17/2015 13:25 Sensor Disabled: 1
7/17/2015 13:26 Sensor SN: 410760 Cache Timeout: 1000 User Name: CShaw
7/17/2015 13:26 Device Put Online
7/17/2015 13:26 Sensor SN: 410760 Cache Timeout: 1750 User Name: CShaw
7/17/2015 13:29 Sensor SN: 410760 Cache Timeout: 1000 User Name: CShaw
7/17/2015 13:31 Device Taken Offline
7/17/2015 13:32 Device Put Online
7/17/2015 13:32 Sensor SN: 410760 Cache Timeout: 1750 User Name: CShaw
7/17/2015 13:33 Sensor SN: 410760 Cache Timeout: 1000 User Name: CShaw
7/17/2015 13:33 Device Taken Offline
7/17/2015 13:34 Device Put Online
7/17/2015 13:34 Sensor SN: 410760 Cache Timeout: 1750 User Name: CShaw
7/17/2015 13:35 Sensor SN: 410760 Cache Timeout: 1000 User Name: CShaw
7/17/2015 13:35 Device Taken Offline
7/17/2015 13:37 Sensor SN: 410760 Actual conductivity calibration.
(null) Cell Constant: 1.0333 Cell Offset: 0
(null) Reference Temperature: 25 Temperature Coefficient: 0.0191 User Name: CShaw
7/17/2015 13:39 Device Put Online
7/17/2015 13:39 Sensor SN: 410760 Cache Timeout: 1750 User Name: CShaw
7/17/2015 13:39 Sensor SN: 410760 Cache Timeout: 1000 User Name: CShaw
7/17/2015 13:39 Device Taken Offline
(null) Cell Constant: 1.03308 Cell Offset: 0
(null) Reference Temperature: 25 Temperature Coefficient: 0.0191 User Name: CShaw
7/17/2015 13:41 Device Put Online
7/17/2015 13:41 Sensor SN: 410760 Cache Timeout: 1750 User Name: CShaw
7/17/2015 13:43 Sensor SN: 410760 Cache Timeout: 1000 User Name: CShaw
7/17/2015 13:43 Device Taken Offline
(null) Cell Constant: 1.01925 Cell Offset: 0
(null) Reference Temperature: 25 Temperature Coefficient: 0.0191 User Name: CShaw
7/17/2015 13:46 Device Put Online
7/17/2015 13:46 Sensor SN: 410760 Cache Timeout: 1750 User Name: CShaw
7/23/2015 15:03 Log Download - Used Battery: 2% Used Memory: 1% User Name: KMakar
7/30/2015 15:14 Log Download - Used Battery: 2% Used Memory: 3% User Name: BDuarte
8/6/2015 16:56 Log Download - Used Battery: 3% Used Memory: 3% User Name: CShaw
8/13/2015 10:19 Log Download - Used Battery: 3% Used Memory: 4% User Name: KMakar
8/20/2015 16:11 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 Log Download - Used Battery: 4% Used Memory: 6% User Name: KMakar
9/3/2015 12:34 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 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 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 17:20 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 19:51 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 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 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 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 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 13:02 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 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 13:20 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 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 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 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 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 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 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 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 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 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 Log Download - Used Battery: 12% Used Memory: 23% User Name: KMakar Interval - Start Time: 1/18/2016 11:45:00 AM Stop Time: 1/28/2016 8:45:00 AM
2/4/2016 10:01 Log Download - Used Battery: 12% Used Memory: 25% User Name: CShaw Interval - Start Time: 12/31/2015 1:00:00 AM Stop Time: 2/4/2016 10:00:00 AM
2/11/2016 9:50 Log Download - Used Battery: 12% Used Memory: 25% User Name: CShaw Interval - Start Time: 2/2/2016 2:30:00 PM Stop Time: 2/11/2016 10:45:00 AM
2/18/2016 11:40 Log Download - Used Battery: 13% Used Memory: 26% User Name: CShaw Interval - Start Time: 2/4/2016 3:00:00 AM Stop Time: 2/18/2016 11:45:00 AM
2/25/2016 11:28 Log Download - Used Battery: 13% Used Memory: 26% User Name: KMakar Interval - Start Time: 2/15/2016 5:30:00 PM Stop Time: 2/25/2016 11:15:00 AM
3/3/2016 12:36 Log Download - Used Battery: 13% Used Memory: 28% User Name: SKuiper Interval - Start Time: 1/31/2016 12:00:01 AM Stop Time: 3/3/2016 1:30:00 PM
3/10/2016 14:26 Log Download - Used Battery: 14% Used Memory: 28% User Name: KMakar Interval - Start Time: 3/1/2016 12:00:00 PM Stop Time: 3/10/2016 2:15:00 PM
3/17/2016 11:06 Log Download - Used Battery: 14% Used Memory: 29% User Name: SKuiper Interval - Start Time: 3/8/2016 12:00:01 AM Stop Time: 3/17/2016 12:00:00 PM
3/24/2016 8:39 Log Download - Used Battery: 14% Used Memory: 29% User Name: KMakar Interval - Start Time: 3/15/2016 12:00:00 PM Stop Time: 3/24/2016 8:30:00 AM
3/31/2016 14:50 Log Download - Used Battery: 15% Used Memory: 31% User Name: SKuiper Interval - Start Time: 3/22/2016 12:00:00 PM Stop Time: 3/31/2016 3:45:00 PM
4/7/2016 9:13 Log Download - Used Battery: 15% Used Memory: 31% User Name: KMakar Interval - Start Time: 2/29/2016 5:00:00 PM Stop Time: 4/7/2016 9:00:00 AM
4/14/2016 15:48 Log Download - Used Battery: 16% Used Memory: 32% User Name: SKuiper Interval - Start Time: 4/5/2016 12:00:00 PM Stop Time: 4/14/2016 3:45:00 PM
4/21/2016 13:55 Log Download - Used Battery: 16% Used Memory: 34% User Name: Elinden Interval - Start Time: 4/12/2016 1:30:00 PM Stop Time: 4/21/2016 2:45:00 PM
4/28/2016 9:27 Log Download - Used Battery: 16% Used Memory: 34% User Name: KMakar Interval - Start Time: 4/19/2016 5:00:00 PM Stop Time: 4/28/2016 9:15:00 AM
5/5/2016 9:09 Log Download - Used Battery: 17% Used Memory: 35% User Name: SKuiper Interval - Start Time: 3/31/2016 12:00:00 PM Stop Time: 5/5/2016 9:00:00 AM
5/12/2016 9:54 Log Download - Used Battery: 17% Used Memory: 35% User Name: SKuiper Interval - Start Time: 5/3/2016 12:00:00 PM Stop Time: 5/12/2016 9:45:00 AM
5/19/2016 13:30 Log Download - Used Battery: 17% Used Memory: 37% User Name: Elinden Interval - Start Time: 5/10/2016 12:00:00 PM Stop Time: 5/19/2016 2:30:00 PM
5/26/2016 8:53 Log Download - Used Battery: 18% Used Memory: 37% User Name: SKuiper Interval - Start Time: 5/17/2016 6:00:00 PM Stop Time: 5/26/2016 9:45:00 AM
6/2/2016 11:19 Log Download - Used Battery: 18% Used Memory: 39% User Name: SKuiper Interval - Start Time: 4/30/2016 10:00:00 PM Stop Time: 6/2/2016 11:15:00 AM
6/9/2016 9:23 Log Download - Used Battery: 18% Used Memory: 39% User Name: CShaw Interval - Start Time: 5/31/2016 5:00:00 AM Stop Time: 6/9/2016 10:15:00 AM
6/16/2016 10:57 Log Download - Used Battery: 19% Used Memory: 40% User Name: SKuiper Interval - Start Time: 6/7/2016 10:30:00 PM Stop Time: 6/16/2016 11:45:00 AM
6/23/2016 9:50 Log Download - Used Battery: 19% Used Memory: 40% User Name: SKuiper Interval - Start Time: 6/15/2016 10:00:00 PM Stop Time: 6/23/2016 9:45:00 AM
7/1/2016 11:23 Log Download - Used Battery: 20% Used Memory: 42% User Name: SKuiper Interval - Start Time: 5/31/2016 10:00:00 PM Stop Time: 7/1/2016 11:15:00 AM
7/8/2016 11:37 Log Download - Used Battery: 20% Used Memory: 42% User Name: SKuiper Interval - Start Time: 6/29/2016 10:00:00 PM Stop Time: 7/8/2016 11:30:00 AM
7/14/2016 17:33 Log Download - Used Battery: 20% Used Memory: 43% User Name: Elinden Interval - Start Time: 7/5/2016 12:00:00 PM Stop Time: 7/14/2016 6:30:00 PM
7/21/2016 10:07 Log Download - Used Battery: 21% Used Memory: 43% User Name: SKuiper Interval - Start Time: 7/13/2016 10:00:00 PM Stop Time: 7/21/2016 10:00:00 AM
7/28/2016 17:59 Log Download - Used Battery: 21% Used Memory: 45% User Name: SKuiper Interval - Start Time: 7/20/2016 10:00:00 PM Stop Time: 7/28/2016 5:45:00 PM

Log Data:
Record Count: 752

Sensors: 1
1 410760 PCTD 100 PSIG (70m/231ft)

Time Zone: Pacific Daylight Time

Date and Time	Elapsed Time Seconds	Sensor: PCTD(G) 231ft SN#: 410760 Pressure (PSI)	Sensor: PCTD(G) 231ft SN#: 410760 Temperature (C)	Sensor: PCTD(G) 231ft SN#: 410760 Depth (ft)	Sensor: PCTD(G) 231ft SN#: 410760 Actual Conductivity (µS)	Sensor: PCTD(G) 231ft SN#: 410760 Specific Conductivity (µS)	Sensor: PCTD(G) 231ft SN#: 410760 Total Dissolved Solids (ppm)	Sensor: PCTD(G) 231ft SN#: 410760 Salinity (PSU)	Sensor: PCTD(G) 231ft SN#: 410760 Resistivity (ohm-cm)	Sensor: PCTD(G) 231ft SN#: 410760 Water Density (g/cm3)	
5/11/2017 0:00		7200	70.616	16.805	159.07	38042.48	45102.219		30669.512	26.286	1.021
5/11/2017 0:15		8100	70.605	16.794	159.044	38036.598	45105.914		30672.023	26.29	1.021
5/11/2017 0:30		9000	70.6	16.796	159.033	38026.93	45092.563		30662.945	26.297	1.021
5/11/2017 0:45		9900	70.61	16.804	159.057	38031.305	45090.219		30661.35	26.294	1.021
5/11/2017 1:00		10800	70.597	16.794	159.026	38019.516	45086.461		30658.795	26.302	1.021
5/11/2017 1:15		11700	70.596	16.79	159.024	38012.68	45081.578		30655.475	26.307	1.021
5/11/2017 1:30		12600	70.606	16.797	159.048	38011.867	45073.992		30650.316	26.308	1.021
5/11/2017 1:45		13500	70.602	16.806	159.038	38031.578	45088.305		30660.047	26.294	1.021
5/11/2017 2:00		14400	70.6	16.793	159.033	38023.781	45092.414		30662.844	26.299	1.021
5/11/2017 2:15		15300	70.586	16.797	159.001	38018.969	45082.852		30656.342	26.303	1.021
5/11/2017 2:30		16200	70.596	16.799	159.025	37989.309	45045.363		30630.85	26.323	1.021
5/11/2017 2:45		17100	70.577	16.799	158.983	38021.289	45082.914		30656.383	26.315	1.021
5/11/2017 3:00		18000	70.589	16.798	159.008	38053.277	45122.195		30683.096	26.279	1.021
5/11/2017 3:15		18900	70.571	16.8	158.969	38042.324	45106.781		30672.613	26.287	1.021

5/11/2017 3:30	19800	70.58	16.806	158.988	38027.688	45083.605	30656.854	29.315	26.297	1.021
5/11/2017 3:45	20700	70.561	16.792	158.945	38037.73	45109.672	30674.58	29.334	26.29	1.021
5/11/2017 4:00	21600	70.555	16.789	158.931	38018.023	45089.887	30661.125	29.319	26.303	1.021
5/11/2017 4:15	22500	70.566	16.787	158.956	38023.898	45088.695	30660.314	29.319	26.299	1.021
5/11/2017 4:30	23400	70.543	16.793	158.904	38015.555	45082.828	30656.326	29.314	26.305	1.021
5/11/2017 4:45	24300	70.552	16.791	158.925	38004.238	45071.031	30648.303	29.306	26.313	1.021
5/11/2017 5:00	25200	70.532	16.792	158.88	38032.543	45103.973	30670.701	29.329	26.293	1.021
5/11/2017 5:15	26100	70.522	16.799	158.859	38006.574	45065.281	30644.393	29.302	26.311	1.021
5/11/2017 5:30	27000	70.52	16.795	158.854	38040.879	45110.719	30675.291	29.334	26.288	1.021
5/11/2017 5:45	27900	70.512	16.801	158.835	38036.75	45099.82	30667.881	29.327	26.29	1.021
5/11/2017 6:00	28800	70.523	16.801	158.861	38021.625	45081.438	30655.379	29.314	26.301	1.021
5/11/2017 6:15	29700	70.495	16.797	158.796	38022.133	45085.977	30658.467	29.317	26.3	1.021
5/11/2017 6:30	30600	70.49	16.798	158.785	38031.473	45096.254	30665.455	29.324	26.294	1.021
5/11/2017 6:45	31500	70.483	16.793	158.769	38021.293	45089.285	30660.717	29.319	26.301	1.021
5/11/2017 7:00	32400	70.477	16.798	158.757	38021.406	45083.949	30657.088	29.315	26.301	1.021
5/11/2017 7:15	33300	70.47	16.791	158.74	38013.816	45082.031	30655.783	29.313	26.306	1.021
5/11/2017 7:30	34200	70.478	16.795	158.758	38028.984	45096.52	30665.635	29.324	26.296	1.021
5/11/2017 7:45	35100	70.461	16.803	158.719	37996.605	45049.449	30633.627	29.291	26.318	1.021
5/11/2017 8:00	36000	70.453	16.799	158.703	38006.008	45064.883	30644.123	29.302	26.312	1.021
5/11/2017 8:15	36900	70.453	16.795	158.702	38018.754	45084.48	30657.447	29.315	26.303	1.021
5/11/2017 8:30	37800	70.446	16.791	158.686	38021.711	45092.203	30662.701	29.321	26.301	1.021
5/11/2017 8:45	38700	70.456	16.798	158.709	38006.883	45066.727	30645.377	29.303	26.311	1.021
5/11/2017 9:00	39600	70.453	16.8	158.702	38026.871	45088.742	30660.348	29.319	26.297	1.021
5/11/2017 9:15	40500	70.453	16.802	158.702	38045.355	45108.855	30674.023	29.333	26.284	1.021
5/11/2017 9:30	41400	70.448	16.807	158.691	38018.578	45072	30648.963	29.307	26.303	1.021
5/11/2017 9:45	42300	70.431	16.799	158.653	37998.652	45055.809	30637.951	29.295	26.317	1.021
5/11/2017 10:00	43200	70.435	16.796	158.663	38020.219	45084.512	30657.471	29.316	26.302	1.021
5/11/2017 10:15	44100	70.431	16.801	158.653	38010.027	45067.688	30646.029	29.304	26.309	1.021
5/11/2017 10:30	45000	70.453	16.794	158.703	38002.434	45065.938	30644.84	29.302	26.314	1.021
5/11/2017 10:45	45900	70.437	16.795	158.666	37985.906	45045.531	30630.963	29.287	26.326	1.021
5/11/2017 11:00	46800	70.452	16.796	158.701	38008.297	45070.289	30647.799	29.305	26.31	1.021
5/11/2017 11:15	47700	70.439	16.795	158.671	38014.684	45079.469	30654.041	29.312	26.306	1.021
5/11/2017 11:30	48600	70.456	16.799	158.708	38046.168	45112.5	30676.502	29.336	26.284	1.021
5/11/2017 11:45	49500	70.443	16.801	158.679	38049.348	45113.945	30677.484	29.337	26.282	1.021
5/11/2017 12:00	50400	70.465	16.805	158.729	38041.52	45101.078	30668.736	29.328	26.287	1.021
5/11/2017 12:15	51300	70.449	16.802	158.694	38021.059	45079.504	30654.064	29.312	26.301	1.021
5/11/2017 12:30	52200	70.455	16.793	158.706	38032.34	45102.469	30669.682	29.328	26.293	1.021
5/11/2017 12:45	53100	70.452	16.799	158.701	38000.934	45058.781	30639.973	29.297	26.315	1.021
5/11/2017 13:00	54000	70.453	16.816	158.702	38025.027	45070.512	30647.951	29.307	26.298	1.021
5/11/2017 13:15	54900	70.458	16.803	158.713	38023.59	45081.617	30655.502	29.314	26.299	1.021
5/11/2017 13:30	55800	70.46	16.799	158.718	38010.176	45070.277	30647.791	29.305	26.309	1.021
5/11/2017 13:45	56700	70.459	16.802	158.717	38026.223	45085.813	30658.355	29.317	26.298	1.021
5/11/2017 14:00	57600	70.476	16.804	158.753	37998.84	45051.551	30635.055	29.292	26.317	1.021
5/11/2017 14:15	58500	70.458	16.804	158.713	38036.465	45096.156	30665.389	29.324	26.291	1.021
5/11/2017 14:30	59400	70.478	16.807	158.758	38020.527	45074.309	30650.529	29.309	26.302	1.021
5/11/2017 14:45	60300	70.456	16.797	158.71	38013.246	45075.887	30651.605	29.309	26.307	1.021
5/11/2017 15:00	61200	70.46	16.797	158.718	38006.375	45067.652	30646.006	29.303	26.311	1.021
5/11/2017 15:15	62100	70.475	16.811	158.751	38020.535	45069.48	30647.248	29.306	26.302	1.021
5/11/2017 15:30	63000	70.457	16.805	158.711	38021.758	45077.031	30652.383	29.311	26.301	1.021
5/11/2017 15:45	63900	70.459	16.789	158.717	38023.797	45096.383	30665.543	29.324	26.299	1.021
5/11/2017 16:00	64800	70.467	16.801	158.735	38028.602	45089.605	30660.932	29.32	26.296	1.021
5/11/2017 16:15	65700	70.468	16.807	158.737	38033.488	45089.676	30660.982	29.32	26.293	1.021
5/11/2017 16:30	66600	70.449	16.794	158.694	38008.457	45072.801	30649.506	29.307	26.31	1.021
5/11/2017 16:45	67500	70.45	16.797	158.695	38042.789	45110.66	30675.252	29.334	26.286	1.021
5/11/2017 17:00	68400	70.45	16.803	158.695	38018.707	45075.469	30651.32	29.309	26.303	1.021
5/11/2017 17:15	69300	70.446	16.801	158.686	38027.156	45088.266	30660.023	29.319	26.297	1.021
5/11/2017 17:30	70200	70.448	16.797	158.69	38012.695	45074.422	30650.607	29.308	26.307	1.021
5/11/2017 17:45	71100	70.46	16.797	158.718	38039.605	45106.512	30672.43	29.332	26.288	1.021
5/11/2017 18:00	72000	70.446	16.808	158.687	38023.254	45076.563	30652.063	29.31	26.3	1.021
5/11/2017 18:15	72900	70.444	16.798	158.682	38029.758	45094.219	30664.07	29.323	26.295	1.021
5/11/2017 18:30	73800	70.445	16.8	158.683	38065.566	45134.621	30691.543	29.352	26.27	1.021
5/11/2017 18:45	74700	70.458	16.8	158.714	38014.395	45074.297	30650.521	29.308	26.306	1.021
5/11/2017 19:00	75600	70.442	16.794	158.676	38013.602	45079.258	30653.898	29.312	26.306	1.021
5/11/2017 19:15	76500	70.441	16.797	158.676	38030.875	45096.16	30665.391	29.324	26.294	1.021
5/11/2017 19:30	77400	70.459	16.791	158.717	38016.445	45085.602	30658.211	29.316	26.304	1.021
5/11/2017 19:45	78300	70.46	16.795	158.719	38018	45083.398	30656.711	29.315	26.303	1.021
5/11/2017 20:00	79200	70.444	16.804	158.682	38052.496	45114.539	30677.889	29.338	26.279	1.021
5/11/2017 20:15	80100	70.45	16.799	158.695	38024.098	45086.16	30658.592	29.317	26.299	1.021
5/11/2017 20:30	81000	70.448	16.797	158.69	38031.602	45097.473	30666.283	29.325	26.294	1.021
5/11/2017 20:45	81900	70.46	16.797	158.718	38000.918	45061.352	30641.721	29.299	26.315	1.021
5/11/2017 21:00	82800	70.473	16.804	158.746	38027.414	45085.699	30658.277	29.317	26.297	1.021
5/11/2017 21:15	83700	70.476	16.796	158.754	38043.488	45112.285	30676.355	29.336	26.286	1.021
5/11/2017 21:30	84600	70.464	16.789	158.726	37999.176	45067.09	30645.623	29.303	26.316	1.021
5/11/2017 21:45	85500	70.469	16.797	158.739	38035.516	45102.293	30669.559	29.328	26.291	1.021
5/11/2017 22:00	86400	70.471	16.799	158.743	38038.805	45103.324	30670.264	29.329	26.289	1.021
5/11/2017 22:15	87300	70.477	16.805	158.757	38049.906	45110.664	30675.252	29.335	26.281	1.021
5/11/2017 22:30	88200	70.484	16.794	158.772	38009.582	45074.414	30650.602	29.308	26.309	1.021
5/11/2017 22:45	89100	70.485	16.8	158.774	38000.637	45057.266	30638.943	29.296	26.315	1.021
5/11/2017 23:00	90000	70.504	16.805	158.818	38031.395	45088.984	30660.512	29.319	26.294	1.021
5/11/2017 23:15	90900	70.515	16.794	158.841	38026.18	45093.996	30663.32	29.322	26.298	1.021
5/11/2017 23:30	91800	70.501	16.805	158.809	38043.551	45103.574	30670.434	29.33	26.286	1.021
5/11/2017 23:45	92700	70.503	16.795	158.814	38019.219	45085.125	30657.887	29.316	26.302	1.021
5/12/2017 0:00	93600	70.505	16.796	158.819	38043.637	45112.734	30676.662	29.336	26.286	1.021
5/12/2017 0:15	94500	70.506	16.791	158.822	38009.102	45076.617	30652.102	29.31	26.309	1.021
5/12/2017 0:30	95400	70.525	16.795	158.865	38033.809	45101.883	30669.283	29.328	26.292	1.021
5/12/2017 0:45	96300	70.506	16.791	158.821	38011.527	45079.316	30653.936	29.312	26.308	1.021
5/12/2017 1:00	97200	70.505	16.792	158.819	38014.266	45081.402	30655.355	29.313	26.306	1.021
5/12/2017 1:15	98100	70.514	16.785	158.839	37988.973	45058.563	30639.824</			

5/13/2017 0:00	180000	70.427	16.799	158.644	38027.582	45090.379	30661.459	29.32	26.297	1.021
5/13/2017 0:15	180900	70.444	16.798	158.682	38021.105	45083.684	30656.906	29.315	26.301	1.021
5/13/2017 0:30	181800	70.45	16.789	158.695	38021.727	45093.832	30663.809	29.322	26.301	1.021
5/13/2017 0:45	182700	70.437	16.789	158.666	37997.988	45066.125	30644.967	29.302	26.317	1.021
5/13/2017 1:00	183600	70.439	16.79	158.67	38004.191	45071.691	30648.752	29.306	26.313	1.021
5/13/2017 1:15	184500	70.453	16.801	158.702	38028.699	45089.824	30661.082	29.32	26.296	1.021
5/13/2017 1:30	185400	70.45	16.804	158.695	38018.691	45074.734	30650.822	29.309	26.303	1.021
5/13/2017 1:45	186300	70.433	16.795	158.657	38008.523	45071.82	30648.84	29.306	26.31	1.021
5/13/2017 2:00	187200	70.433	16.801	158.657	38030.254	45091.668	30662.336	29.321	26.295	1.021
5/13/2017 2:15	188100	70.437	16.8	158.666	38033.902	45096.977	30665.947	29.325	26.292	1.021
5/13/2017 2:30	189000	70.453	16.802	158.701	38007.242	45062.941	30642.801	29.3	26.311	1.021
5/13/2017 2:45	189900	70.452	16.805	158.701	38045.57	45105.883	30672	29.331	26.284	1.021
5/13/2017 3:00	190800	70.444	16.807	158.682	38031.602	45086.625	30658.906	29.318	26.294	1.021
5/13/2017 3:15	191700	70.432	16.796	158.654	38016.199	45079.926	30654.35	29.312	26.305	1.021
5/13/2017 3:30	192600	70.446	16.797	158.687	38014.547	45077.25	30652.533	29.31	26.306	1.021
5/13/2017 3:45	193500	70.425	16.793	158.64	38011.184	45077.57	30652.75	29.31	26.308	1.021
5/13/2017 4:00	194400	70.433	16.79	158.658	38012.453	45081.676	30655.541	29.313	26.307	1.021
5/13/2017 4:15	195300	70.42	16.798	158.629	38012.445	45073.418	30649.926	29.308	26.307	1.021
5/13/2017 4:30	196200	70.415	16.799	158.616	38001.398	45059.145	30640.221	29.297	26.315	1.021
5/13/2017 4:45	197100	70.41	16.796	158.606	38014.797	45078.883	30653.643	29.311	26.306	1.021
5/13/2017 5:00	198000	70.406	16.79	158.596	38024.914	45096.898	30665.893	29.324	26.299	1.021
5/13/2017 5:15	198900	70.406	16.791	158.596	38027.188	45098.613	30667.059	29.325	26.297	1.021
5/13/2017 5:30	199800	70.399	16.808	158.581	38015.18	45066.629	30645.309	29.303	26.305	1.021
5/13/2017 5:45	200700	70.394	16.795	158.57	38020.516	45086.57	30658.869	29.317	26.302	1.021
5/13/2017 6:00	201600	70.387	16.799	158.553	38023.23	45085.133	30657.893	29.316	26.3	1.021
5/13/2017 6:15	202500	70.379	16.795	158.536	38007.906	45071.711	30648.766	29.306	26.31	1.021
5/13/2017 6:30	203400	70.392	16.788	158.566	37998.641	45066.984	30645.549	29.302	26.317	1.021
5/13/2017 6:45	204300	70.369	16.789	158.513	38021.137	45093.043	30663.271	29.321	26.301	1.021
5/13/2017 7:00	205200	70.364	16.793	158.501	38011.43	45077.41	30652.639	29.31	26.308	1.021
5/13/2017 7:15	206100	70.371	16.798	158.517	38024.387	45087.758	30659.678	29.318	26.299	1.021
5/13/2017 7:30	207000	70.348	16.804	158.466	38026.309	45084.387	30657.385	29.316	26.298	1.021
5/13/2017 7:45	207900	70.357	16.793	158.487	38019.43	45086.633	30658.91	29.317	26.302	1.021
5/13/2017 8:00	208800	70.341	16.786	158.45	38013.094	45087.004	30659.164	29.317	26.307	1.021
5/13/2017 8:15	209700	70.335	16.793	158.437	37998.809	45062.969	30642.82	29.3	26.317	1.021
5/13/2017 8:30	210600	70.326	16.793	158.416	38002.133	45066.563	30645.266	29.302	26.314	1.021
5/13/2017 8:45	211500	70.324	16.797	158.411	37998.066	45057.254	30638.936	29.296	26.317	1.021
5/13/2017 9:00	212400	70.332	16.805	158.429	38024.902	45081.023	30655.098	29.314	26.299	1.021
5/13/2017 9:15	213300	70.316	16.791	158.395	37982.988	45046.277	30631.469	29.288	26.328	1.021
5/13/2017 9:30	214200	70.328	16.8	158.42	37994.227	45050.293	30634.201	29.291	26.32	1.021
5/13/2017 9:45	215100	70.302	16.808	158.362	38027.516	45081.52	30655.436	29.314	26.297	1.021
5/13/2017 10:00	216000	70.322	16.797	158.408	38004.957	45065.34	30644.434	29.302	26.312	1.021
5/13/2017 10:15	216900	70.306	16.798	158.371	38017.652	45079.32	30653.938	29.312	26.304	1.021
5/13/2017 10:30	217800	70.301	16.799	158.359	37990.699	45047.012	30631.969	29.289	26.322	1.021
5/13/2017 10:45	218700	70.316	16.799	158.393	38020.102	45081.508	30655.428	29.314	26.302	1.021
5/13/2017 11:00	219600	70.315	16.797	158.391	38010.176	45071.895	30648.889	29.306	26.309	1.021
5/13/2017 11:15	220500	70.315	16.804	158.392	38029.371	45087.488	30659.494	29.318	26.295	1.021
5/13/2017 11:30	221400	70.299	16.797	158.356	37980.598	45036.914	30625.104	29.281	26.329	1.021
5/13/2017 11:45	222300	70.318	16.791	158.399	38011.328	45079.805	30654.268	29.312	26.308	1.021
5/13/2017 12:00	223200	70.305	16.798	158.368	38013.434	45075.125	30651.086	29.309	26.306	1.021
5/13/2017 12:15	224100	70.324	16.804	158.411	38036.465	45095.711	30665.084	29.324	26.291	1.021
5/13/2017 12:30	225000	70.309	16.8	158.377	38006.488	45064.832	30644.086	29.302	26.311	1.021
5/13/2017 12:45	225900	70.312	16.798	158.384	38002.387	45061.848	30642.057	29.299	26.314	1.021
5/13/2017 13:00	226800	70.314	16.802	158.389	37995.641	45049.723	30633.814	29.291	26.319	1.021
5/13/2017 13:15	227700	70.318	16.802	158.399	38017.242	45074.98	30650.988	29.309	26.304	1.021
5/13/2017 13:30	228600	70.338	16.795	158.444	38002.238	45064.266	30643.703	29.301	26.314	1.021
5/13/2017 13:45	229500	70.327	16.799	158.419	38027.453	45090.855	30661.783	29.32	26.297	1.021
5/13/2017 14:00	230400	70.323	16.798	158.41	38008.758	45068.867	30646.832	29.304	26.31	1.021
5/13/2017 14:15	231300	70.324	16.796	158.411	38027.141	45093.344	30663.477	29.322	26.297	1.021
5/13/2017 14:30	232200	70.347	16.804	158.464	38006.703	45060.523	30641.156	29.299	26.311	1.021
5/13/2017 14:45	233100	70.336	16.798	158.439	38015.145	45076.801	30652.225	29.31	26.305	1.021
5/13/2017 15:00	234000	70.351	16.793	158.473	38031.336	45101.195	30668.814	29.327	26.294	1.021
5/13/2017 15:15	234900	70.337	16.79	158.441	38009.383	45077.754	30652.873	29.31	26.309	1.021
5/13/2017 15:30	235800	70.338	16.803	158.443	38022.793	45081.027	30655.102	29.313	26.3	1.021
5/13/2017 15:45	236700	70.353	16.807	158.476	37993.531	45042.039	30628.588	29.285	26.32	1.021
5/13/2017 16:00	237600	70.36	16.798	158.492	38032.582	45097.117	30666.041	29.325	26.293	1.021
5/13/2017 16:15	238500	70.342	16.8	158.452	38042.07	45106.762	30672.6	29.332	26.287	1.021
5/13/2017 16:30	239400	70.345	16.792	158.458	38029.652	45100.008	30668.008	29.327	26.295	1.021
5/13/2017 16:45	240300	70.344	16.808	158.457	38024.117	45076.773	30652.209	29.311	26.299	1.021
5/13/2017 17:00	241200	70.344	16.798	158.456	38012.5	45073.84	30650.213	29.308	26.307	1.021
5/13/2017 17:15	242100	70.358	16.8	158.488	38009.191	45067.324	30645.783	29.303	26.309	1.021
5/13/2017 17:30	243000	70.359	16.809	158.491	38028.461	45081.199	30655.217	29.314	26.296	1.021
5/13/2017 17:45	243900	70.342	16.796	158.452	38029.211	45095.09	30664.664	29.323	26.296	1.021
5/13/2017 18:00	244800	70.338	16.802	158.443	37992.18	45045.184	30630.727	29.287	26.321	1.021
5/13/2017 18:15	245700	70.339	16.806	158.445	38003.504	45054.578	30637.115	29.294	26.313	1.021
5/13/2017 18:30	246600	70.34	16.801	158.448	38051.41	45111.555	30675.859	29.336	26.28	1.021
5/13/2017 18:45	247500	70.337	16.801	158.441	38018.871	45078.621	30653.465	29.312	26.303	1.021
5/13/2017 19:00	248400	70.338	16.802	158.444	38020.055	45078.586	30653.441	29.312	26.302	1.021
5/13/2017 19:15	249300	70.354	16.791	158.479	38014.258	45083.094	30656.506	29.314	26.306	1.021
5/13/2017 19:30	250200	70.34	16.798	158.448	38019.703	45082.563	30656.143	29.314	26.302	1.021
5/13/2017 19:45	251100	70.333	16.803	158.433	38019.18	45076.387	30651.945	29.31	26.303	1.021
5/13/2017 20:00	252000	70.339	16.799	158.445	38018.938	45080.664	30654.854	29.313	26.303	1.021
5/13/2017 20:15	252900	70.337	16.804	158.442	38012.629	45067.996	30646.24	29.304	26.307	1.021
5/13/2017 20:30	253800	70.336	16.789	158.44	38030.527	45104.367	30670.973	29.329	26.295	1.021
5/13/2017 20:45	254700	70.344	16.789	158.456	37999.395	45067.168	30645.676	29.303	26.316	1.021
5/13/2017 21:00	255600	70.344	16.793	158.456	38014.125	45080.871	30654.992	29.313	26.306	1.021
5/13/2017 21:15	256500	70.36	16.795	158.492	38030.684	45098.441	30666.943	29.326	26.295	1.021
5/13/2017 21:30	257400	70.357	16.793	158.487	38020.27	45087.797	30659.705	29.318	26.302	1.021
5/13/2017 21:45	258300	70.349								

5/14/2017 20:30	340200	70.285	16.792	158.325	38017.023	45084.938	30657.758	29.316	26.304	1.021
5/14/2017 20:45	341100	70.269	16.787	158.287	38020.148	45093.848	30663.818	29.322	26.302	1.021
5/14/2017 21:00	342000	70.273	16.792	158.296	38002.727	45068.074	30646.291	29.303	26.314	1.021
5/14/2017 21:15	342900	70.275	16.795	158.302	38021.766	45088.145	30659.941	29.318	26.301	1.021
5/14/2017 21:30	343800	70.278	16.796	158.309	38004.766	45066.988	30645.553	29.303	26.312	1.021
5/14/2017 21:45	344700	70.278	16.791	158.309	38019.477	45089.008	30660.525	29.319	26.302	1.021
5/14/2017 22:00	345600	70.293	16.794	158.342	38032.156	45100.828	30668.564	29.327	26.294	1.021
5/14/2017 22:15	346500	70.297	16.803	158.35	38013.371	45069.586	30647.32	29.305	26.307	1.021
5/14/2017 22:30	347400	70.301	16.795	158.361	38002.496	45065.016	30644.213	29.301	26.314	1.021
5/14/2017 22:45	348300	70.292	16.794	158.34	38041.973	45112.648	30676.604	29.336	26.287	1.021
5/14/2017 23:00	349200	70.296	16.794	158.348	38019.703	45085.785	30658.334	29.316	26.302	1.021
5/14/2017 23:15	350100	70.299	16.8	158.356	38021.863	45083.152	30656.543	29.315	26.301	1.021
5/14/2017 23:30	351000	70.301	16.798	158.359	38026.344	45090.258	30661.377	29.32	26.298	1.021
5/14/2017 23:45	351900	70.308	16.797	158.376	38013.555	45076.43	30651.975	29.31	26.306	1.021
5/15/2017 0:00	352800	70.315	16.781	158.391	38015.211	45093.898	30663.854	29.321	26.305	1.021
5/15/2017 0:15	353700	70.315	16.792	158.392	37996.883	45061.145	30641.578	29.298	26.318	1.021
5/15/2017 0:30	354600	70.321	16.795	158.404	37979.57	45037.215	30625.309	29.281	26.33	1.021
5/15/2017 0:45	355500	70.32	16.799	158.404	37993.926	45051.008	30634.688	29.291	26.32	1.021
5/15/2017 1:00	356400	70.328	16.799	158.421	38017.105	45078.32	30653.26	29.311	26.304	1.021
5/15/2017 1:15	357300	70.351	16.793	158.473	38012.027	45078.297	30653.244	29.311	26.307	1.021
5/15/2017 1:30	358200	70.352	16.79	158.475	38033.863	45106.785	30672.615	29.331	26.292	1.021
5/15/2017 1:45	359100	70.343	16.793	158.455	38008.695	45074.164	30650.432	29.308	26.31	1.021
5/15/2017 2:00	360000	70.359	16.795	158.49	38032.133	45100.16	30668.109	29.327	26.294	1.021
5/15/2017 2:15	360900	70.345	16.801	158.458	38001.828	45058.047	30639.475	29.297	26.315	1.021
5/15/2017 2:30	361800	70.362	16.799	158.497	38003.684	45061.68	30641.945	29.299	26.313	1.021
5/15/2017 2:45	362700	70.348	16.795	158.465	38015.02	45079.422	30654.01	29.312	26.305	1.021
5/15/2017 3:00	363600	70.353	16.793	158.476	37991.758	45053.73	30636.539	29.293	26.321	1.021
5/15/2017 3:15	364500	70.348	16.799	158.466	37996.977	45053.727	30636.537	29.293	26.318	1.021
5/15/2017 3:30	365400	70.346	16.797	158.462	38020.816	45084.512	30657.471	29.316	26.301	1.021
5/15/2017 3:45	366300	70.35	16.795	158.469	38003.906	45066.07	30644.93	29.302	26.313	1.021
5/15/2017 4:00	367200	70.346	16.791	158.462	38002.871	45069.5	30647.26	29.304	26.314	1.021
5/15/2017 4:15	368100	70.35	16.789	158.469	38033.555	45107.32	30672.979	29.332	26.293	1.021
5/15/2017 4:30	369000	70.366	16.793	158.506	38009.504	45074.859	30650.906	29.308	26.309	1.021
5/15/2017 4:45	369900	70.347	16.797	158.463	38011.855	45074.414	30650.602	29.308	26.308	1.021
5/15/2017 5:00	370800	70.344	16.795	158.457	38013.691	45078.203	30653.18	29.311	26.306	1.021
5/15/2017 5:15	371700	70.346	16.798	158.462	38021.297	45084.273	30657.309	29.315	26.301	1.021
5/15/2017 5:30	372600	70.345	16.784	158.459	37993.313	45065.059	30644.242	29.301	26.32	1.021
5/15/2017 5:45	373500	70.356	16.792	158.484	38029.645	45099.82	30667.884	29.326	26.295	1.021
5/15/2017 6:00	374400	70.337	16.79	158.441	38025.652	45097.145	30666.059	29.324	26.298	1.021
5/15/2017 6:15	375300	70.333	16.787	158.432	38010.313	45081.996	30655.76	29.313	26.309	1.021
5/15/2017 6:30	376200	70.332	16.794	158.43	38028.188	45096.742	30665.787	29.324	26.296	1.021
5/15/2017 6:45	377100	70.326	16.79	158.416	38006.25	45073.953	30650.291	29.308	26.311	1.021
5/15/2017 7:00	378000	70.327	16.794	158.419	38020.637	45087.523	30659.518	29.318	26.302	1.021
5/15/2017 7:15	378900	70.323	16.791	158.408	37998.215	45064.156	30643.629	29.301	26.317	1.021
5/15/2017 7:30	379800	70.331	16.8	158.427	38000.371	45056.867	30638.672	29.296	26.316	1.021
5/15/2017 7:45	380700	70.325	16.816	158.414	38031.723	45078.09	30653.104	29.312	26.294	1.021
5/15/2017 8:00	381600	70.323	16.8	158.409	38022.066	45082.676	30656.221	29.314	26.301	1.021
5/15/2017 8:15	382500	70.317	16.799	158.397	37997.141	45054.648	30637.164	29.294	26.318	1.021
5/15/2017 8:30	383400	70.302	16.8	158.361	38004.656	45062.398	30642.434	29.3	26.313	1.021
5/15/2017 8:45	384300	70.309	16.794	158.378	38029.777	45098.184	30666.768	29.325	26.295	1.021
5/15/2017 9:00	385200	70.291	16.782	158.338	37982.488	45054.188	30636.848	29.293	26.328	1.021
5/15/2017 9:15	386100	70.289	16.791	158.332	38023.367	45093.988	30663.914	29.322	26.3	1.021
5/15/2017 9:30	387000	70.279	16.798	158.311	38018.41	45080.672	30654.859	29.313	26.303	1.021
5/15/2017 9:45	387900	70.278	16.794	158.308	38003.078	45066.703	30645.361	29.303	26.314	1.021
5/15/2017 10:00	388800	70.277	16.788	158.306	38016.398	45088.949	30660.488	29.318	26.304	1.021
5/15/2017 10:15	389700	70.274	16.794	158.3	38002.988	45066.145	30644.979	29.302	26.314	1.021
5/15/2017 10:30	390600	70.267	16.795	158.282	38014.051	45078.273	30653.229	29.311	26.306	1.021
5/15/2017 10:45	391500	70.267	16.796	158.282	38018.422	45082.832	30656.328	29.314	26.303	1.021
5/15/2017 11:00	392400	70.261	16.798	158.27	38026.355	45089.91	30661.141	29.32	26.298	1.021
5/15/2017 11:15	393300	70.275	16.797	158.302	38000.883	45061.402	30641.756	29.299	26.315	1.021
5/15/2017 11:30	394200	70.258	16.798	158.264	37988.91	45045.953	30631.25	29.288	26.323	1.021
5/15/2017 11:45	395100	70.273	16.792	158.297	38016.43	45084.324	30657.342	29.315	26.304	1.021
5/15/2017 12:00	396000	70.259	16.797	158.265	37998.176	45057.207	30638.902	29.296	26.317	1.021
5/15/2017 12:15	396900	70.254	16.796	158.253	38011.93	45074.957	30650.973	29.309	26.308	1.021
5/15/2017 12:30	397800	70.27	16.801	158.29	37992.801	45047.262	30632.139	29.289	26.321	1.021
5/15/2017 12:45	398700	70.272	16.796	158.294	38019.035	45083.383	30656.701	29.315	26.303	1.021
5/15/2017 13:00	399600	70.276	16.797	158.304	38006.121	45066.805	30645.43	29.303	26.312	1.021
5/15/2017 13:15	400500	70.257	16.8	158.261	38012.453	45071.191	30648.41	29.306	26.307	1.021
5/15/2017 13:30	401400	70.259	16.796	158.266	38001.672	45063.141	30642.938	29.3	26.315	1.021
5/15/2017 13:45	402300	70.26	16.797	158.269	38004.895	45066.16	30644.988	29.302	26.312	1.021
5/15/2017 14:00	403200	70.266	16.8	158.281	38007.309	45064.992	30644.197	29.302	26.311	1.021
5/15/2017 14:15	404100	70.265	16.796	158.278	37990.73	45049.996	30633.998	29.291	26.322	1.021
5/15/2017 14:30	405000	70.272	16.792	158.295	37992.563	45055.844	30637.977	29.295	26.321	1.021
5/15/2017 14:45	405900	70.272	16.792	158.294	37997.359	45061.711	30641.965	29.299	26.318	1.021
5/15/2017 15:00	406800	70.293	16.788	158.342	37996.539	45064.766	30644.043	29.301	26.318	1.021
5/15/2017 15:15	407700	70.277	16.801	158.307	38026.695	45087.449	30659.465	29.318	26.297	1.021
5/15/2017 15:30	408600	70.281	16.788	158.315	38018.918	45091.836	30662.451	29.32	26.303	1.021
5/15/2017 15:45	409500	70.296	16.804	158.348	38007.145	45061.492	30641.814	29.299	26.311	1.021
5/15/2017 16:00	410400	70.302	16.794	158.363	37996.418	45058.625	30639.865	29.297	26.318	1.021
5/15/2017 16:15	411300	70.293	16.8	158.341	37990.805	45045.789	30631.139	29.288	26.322	1.021
5/15/2017 16:30	412200	70.306	16.811	158.372	38035.285	45087.496	30659.5	29.319	26.291	1.021
5/15/2017 16:45	413100	70.292	16.793	158.339	38011.203	45077.496	30652.699	29.31	26.308	1.021
5/15/2017 17:00	414000	70.311	16.799	158.383	38004.996	45063.332	30643.068	29.3	26.312	1.021
5/15/2017 17:15	414900	70.299	16.797	158.356	38017.672	45080.688	30654.869	29.313	26.304	1.021
5/15/2017 17:30	415800	70.315	16.803	158.39	38026.543	45084.945	30657.764	29.316	26.297	1.021
5/15/2017 17:45	416700	70.317	16.792	158.397	38020.895	45089.266	30660.701	29.319	26.301	1.021
5/15/2017 18:00	417600	70.303	16.792	158.364	38027.621	45098.051	30666.678	29.325	26.297	1.021
5/15/2017 18:15	418500	70.								

5/16/2017 17:00	500400	70.218	16.792	158.173	38013.395	45081.18	30655.205	29.313	26.307	1.021
5/16/2017 17:15	501300	70.221	16.791	158.18	38014.59	45083.125	30656.527	29.314	26.306	1.021
5/16/2017 17:30	502200	70.221	16.79	158.18	38019.074	45089.605	30660.932	29.319	26.303	1.021
5/16/2017 17:45	503100	70.224	16.796	158.186	38049.465	45119.285	30681.113	29.341	26.282	1.021
5/16/2017 18:00	504000	70.243	16.809	158.229	38027.926	45080.938	30655.039	29.314	26.296	1.021
5/16/2017 18:15	504900	70.221	16.81	158.18	38008.375	45056.859	30638.666	29.296	26.31	1.021
5/16/2017 18:30	505800	70.225	16.796	158.189	38022.125	45086.77	30659.006	29.317	26.3	1.021
5/16/2017 18:45	506700	70.227	16.793	158.194	37998.215	45062	30642.162	29.299	26.317	1.021
5/16/2017 19:00	507600	70.226	16.8	158.19	38008.656	45067.313	30645.775	29.303	26.31	1.021
5/16/2017 19:15	508500	70.223	16.801	158.183	38030.57	45092.313	30662.775	29.321	26.295	1.021
5/16/2017 19:30	509400	70.228	16.794	158.195	38032.309	45101.629	30669.109	29.328	26.293	1.021
5/16/2017 19:45	510300	70.228	16.793	158.195	38004.719	45069.715	30647.408	29.305	26.313	1.021
5/16/2017 20:00	511200	70.226	16.793	158.19	38037.863	45108.758	30673.955	29.333	26.29	1.021
5/16/2017 20:15	512100	70.224	16.797	158.186	38027.418	45092.605	30662.973	29.321	26.297	1.021
5/16/2017 20:30	513000	70.226	16.786	158.19	38008.738	45081.297	30655.283	29.313	26.31	1.021
5/16/2017 20:45	513900	70.24	16.796	158.222	38004.313	45065.648	30644.643	29.302	26.313	1.021
5/16/2017 21:00	514800	70.222	16.787	158.182	37993.617	45062.461	30642.475	29.299	26.32	1.021
5/16/2017 21:15	515700	70.223	16.787	158.183	38002.648	45073.172	30649.76	29.307	26.314	1.021
5/16/2017 21:30	516600	70.219	16.793	158.176	38020.227	45087.84	30659.732	29.318	26.302	1.021
5/16/2017 21:45	517500	70.221	16.802	158.18	38063.367	45129.586	30688.119	29.348	26.272	1.021
5/16/2017 22:00	518400	70.22	16.796	158.177	38006.125	45068.16	30646.352	29.304	26.312	1.021
5/16/2017 22:15	519300	70.222	16.795	158.182	37990.57	45051.152	30634.785	29.291	26.322	1.021
5/16/2017 22:30	520200	70.222	16.795	158.182	38013.563	45077.695	30652.836	29.311	26.306	1.021
5/16/2017 22:45	521100	70.225	16.791	158.188	38032.844	45104.957	30671.373	29.33	26.293	1.021
5/16/2017 23:00	522000	70.219	16.79	158.176	37984.563	45048.23	30632.799	29.289	26.326	1.021
5/16/2017 23:15	522900	70.221	16.795	158.179	38052.402	45123.93	30684.275	29.344	26.28	1.021
5/16/2017 23:30	523800	70.225	16.796	158.188	38002.484	45064.285	30643.717	29.301	26.314	1.021
5/16/2017 23:45	524700	70.223	16.798	158.184	38006.844	45067.133	30645.652	29.303	26.311	1.021
5/17/2017 0:00	525600	70.227	16.796	158.192	38002.668	45064.5	30643.861	29.301	26.314	1.021
5/17/2017 0:15	526500	70.242	16.794	158.228	37997.34	45060.07	30640.848	29.298	26.318	1.021
5/17/2017 0:30	527400	70.228	16.806	158.196	38045.063	45104.555	30671.1	29.331	26.285	1.021
5/17/2017 0:45	528300	70.246	16.793	158.236	38006.004	45070.879	30648.199	29.306	26.312	1.021
5/17/2017 1:00	529200	70.23	16.795	158.199	37999.703	45061.262	30641.658	29.299	26.316	1.021
5/17/2017 1:15	530100	70.234	16.804	158.209	38023.684	45080.652	30654.844	29.313	26.299	1.021
5/17/2017 1:30	531000	70.237	16.795	158.216	38011.656	45075.879	30651.6	29.309	26.308	1.021
5/17/2017 1:45	531900	70.252	16.8	158.25	38016.25	45075.594	30651.406	29.309	26.305	1.021
5/17/2017 2:00	532800	70.239	16.795	158.219	38008.496	45071.602	30648.691	29.306	26.31	1.021
5/17/2017 2:15	533700	70.255	16.794	158.256	38019.074	45085.492	30658.137	29.316	26.303	1.021
5/17/2017 2:30	534600	70.246	16.802	158.235	38023.648	45083.121	30656.525	29.315	26.299	1.021
5/17/2017 2:45	535500	70.244	16.792	158.231	38009.18	45076.266	30651.863	29.309	26.309	1.021
5/17/2017 3:00	536400	70.249	16.796	158.243	38002.586	45064.328	30643.746	29.301	26.314	1.021
5/17/2017 3:15	537300	70.247	16.794	158.239	38004.234	45067.715	30646.047	29.303	26.313	1.021
5/17/2017 3:30	538200	70.256	16.788	158.258	38013.488	45084.688	30657.59	29.315	26.306	1.021
5/17/2017 3:45	539100	70.251	16.791	158.248	38007.484	45074.52	30650.676	29.308	26.311	1.021
5/17/2017 4:00	540000	70.264	16.795	158.277	37996.453	45057.941	30639.402	29.296	26.318	1.021
5/17/2017 4:15	540900	70.251	16.787	158.247	38025.055	45099.668	30667.775	29.326	26.298	1.021
5/17/2017 4:30	541800	70.249	16.788	158.243	37990.531	45057.555	30639.137	29.296	26.322	1.021
5/17/2017 4:45	542700	70.246	16.794	158.236	38021.637	45088.352	30660.082	29.318	26.301	1.021
5/17/2017 5:00	543600	70.247	16.794	158.239	38032.656	45101.598	30669.086	29.328	26.293	1.021
5/17/2017 5:15	544500	70.248	16.787	158.241	38017.77	45090.758	30661.717	29.32	26.303	1.021
5/17/2017 5:30	545400	70.244	16.794	158.231	38001.379	45064.328	30643.746	29.301	26.315	1.021
5/17/2017 5:45	546300	70.242	16.794	158.226	38036.352	45105.625	30671.828	29.331	26.291	1.021
5/17/2017 6:00	547200	70.239	16.797	158.219	38006.574	45067.973	30646.225	29.304	26.311	1.021
5/17/2017 6:15	548100	70.238	16.792	158.219	38034.727	45106.477	30672.404	29.331	26.292	1.021
5/17/2017 6:30	549000	70.25	16.792	158.245	38003.605	45068.836	30646.811	29.304	26.313	1.021
5/17/2017 6:45	549900	70.233	16.794	158.206	38018.313	45084.941	30657.76	29.316	26.303	1.021
5/17/2017 7:00	550800	70.226	16.803	158.19	38002.363	45056.805	30638.629	29.296	26.314	1.021
5/17/2017 7:15	551700	70.224	16.804	158.187	38030.383	45088.324	30660.063	29.319	26.295	1.021
5/17/2017 7:30	552600	70.223	16.792	158.184	38019.781	45088.387	30660.105	29.318	26.302	1.021
5/17/2017 7:45	553500	70.217	16.793	158.171	38016.199	45083.141	30656.535	29.314	26.305	1.021
5/17/2017 8:00	554400	70.212	16.792	158.16	37991.828	45055.5	30637.74	29.294	26.321	1.021
5/17/2017 8:15	555300	70.209	16.785	158.153	37976.543	45043.82	30629.801	29.286	26.332	1.021
5/17/2017 8:30	556200	70.203	16.807	158.139	38021.242	45074.617	30650.742	29.309	26.301	1.021
5/17/2017 8:45	557100	70.201	16.791	158.135	37988.332	45051.984	30635.352	29.292	26.324	1.021
5/17/2017 9:00	558000	70.195	16.795	158.121	38023.316	45089.543	30660.891	29.319	26.3	1.021
5/17/2017 9:15	558900	70.194	16.789	158.12	38006.023	45075.383	30651.26	29.309	26.312	1.021
5/17/2017 9:30	559800	70.181	16.793	158.091	38016.57	45084.035	30657.146	29.315	26.304	1.021
5/17/2017 9:45	560700	70.177	16.803	158.082	37989.543	45041.691	30628.352	29.285	26.323	1.021
5/17/2017 10:00	561600	70.188	16.797	158.106	37998.617	45058.094	30639.506	29.297	26.317	1.021
5/17/2017 10:15	562500	70.169	16.789	158.063	38018.809	45090.469	30661.521	29.319	26.303	1.021
5/17/2017 10:30	563400	70.164	16.796	158.051	38014.922	45078.41	30653.32	29.311	26.305	1.021
5/17/2017 10:45	564300	70.162	16.791	158.047	38003.051	45069.441	30647.223	29.304	26.314	1.021
5/17/2017 11:00	565200	70.169	16.787	158.062	38009.582	45081.316	30655.297	29.313	26.309	1.021
5/17/2017 11:15	566100	70.15	16.796	158.019	38020.816	45085.316	30658.016	29.316	26.301	1.021
5/17/2017 11:30	567000	70.143	16.79	158.004	38013.156	45082.406	30656.039	29.314	26.307	1.021
5/17/2017 11:45	567900	70.14	16.796	157.998	37998.98	45059.602	30640.531	29.298	26.316	1.021
5/17/2017 12:00	568800	70.148	16.814	158.014	38019.336	45065.734	30644.701	29.303	26.302	1.021
5/17/2017 12:15	569700	70.149	16.804	158.018	38022.801	45079.605	30654.135	29.312	26.3	1.021
5/17/2017 12:30	570600	70.131	16.796	157.976	38040.668	45109.211	30674.266	29.333	26.288	1.021
5/17/2017 12:45	571500	70.125	16.799	157.964	38023.98	45086.105	30658.555	29.317	26.299	1.021
5/17/2017 13:00	572400	70.125	16.795	157.962	37991.973	45052.535	30635.727	29.292	26.321	1.021
5/17/2017 13:15	573300	70.121	16.807	157.954	38031.676	45087.527	30659.521	29.318	26.294	1.021
5/17/2017 13:30	574200	70.115	16.809	157.941	38031.805	45085.086	30657.861	29.317	26.294	1.021
5/17/2017 13:45	575100	70.132	16.796	157.938	37982.449	45039.82	30627.078	29.283	26.328	1.021
5/17/2017 14:00	576000	70.116	16.794	157.943	38019.844	45086.047	30658.514	29.317	26.302	1.021
5/17/2017 14:15	576900	70.117	16.79	157.945	38004.215	45071.539	30648.646	29.306	26.313	1.021
5/17/2017 14:30	577800	70.113	16.794	157.974	38013.563	45079.398	30653.994	29.312	26.306	1.021
5/17/2017 14:45	578700	70								

Report Date: 5/19/2017 8:55
Report User Name: AVanHaitsma
Report Computer Name: WKST34
Application: WinSitu.exe
Application Version: 5.6.25.0

Log File Properties
File Name MPWSP MW-95 LT Test_2017-05-18_18-11-21-424-BaroMerge.wsl
Create Date 5/19/2017 8:52

Device Properties
Device Aqua TROLL 200
Site MPWSP MW-95
Device Name
Serial Number 427634
Firmware Version 2
Hardware Version 3
Device Address 1
Device Comm Cfg 19200 8 Even 1 (Modbus-RTU)
Used Memory 4
Used Battery 9

Log Configuration
Log Name MPWSP MW-95 LT Test
Created By SKuiper
Computer Name PROBOOK8
Application WinSitu.exe
Application Version 5.6.25.0
Create Date 8/17/2016 12:56:58 PM Pacific Daylight Time
Log Setup Time Zone Pacific Daylight Time
Notes Size(bytes) 4096
Overwrite when full Enabled
Scheduled Start Time 8/17/2016 1:30:00 PM Pacific Daylight Time
Scheduled Stop Time No Stop Time
Type Linear
Interval Days: 0 hrs: 00 mins: 15 secs: 00

Level Reference Settings At Log Creation
Level Measurement Mode
Specific Gravity 1.012
Depth

Other Log Settings
Depth of Probe: 33.4077 (ft)
Head Pressure: 14.6569 (PSI)
Temperature: 21.7578 (C)
Specific Conductivity Model: Standard Methods
Reference Temperature: 25
Temperature Coefficient: 0.0191
TDS Factor: 0.68

Log Notes:
Date and Time Note
8/17/2016 12:56 Used Battery: 9% Used Memory: 7% User Name: SKuiper
8/18/2016 15:22 Log Download - Used Battery: 9% Used Memory: 7% User Name: SKuiper Interval - Start Time: 8/10/2016 10:30:00 PM Stop Time: 8/18/2016 4:15:00 PM
8/25/2016 11:48 Log Download - Used Battery: 9% Used Memory: 7% User Name: SKuiper Interval - Start Time: 8/17/2016 10:00:00 PM Stop Time: 8/25/2016 12:45:00 PM
9/1/2016 15:53 Log Download - Used Battery: 10% Used Memory: 9% User Name: SKuiper Interval - Start Time: 7/31/2016 1:30:00 PM Stop Time: 9/1/2016 3:45:00 PM
9/8/2016 18:09 Log Download - Used Battery: 10% Used Memory: 9% User Name: SKuiper Interval - Start Time: 8/31/2016 10:00:00 PM Stop Time: 9/8/2016 6:00:00 PM
9/15/2016 14:41 Log Download - Used Battery: 10% Used Memory: 10% User Name: ANorris Interval - Start Time: 9/7/2016 10:00:00 PM Stop Time: 9/15/2016 3:00:00 PM
9/22/2016 12:10 Log Download - Used Battery: 11% Used Memory: 10% User Name: ANorris Interval - Start Time: 9/14/2016 10:00:00 PM Stop Time: 9/22/2016 1:00:00 PM
10/1/2016 10:48 Log Download - Used Battery: 11% Used Memory: 12% User Name: ANorris Interval - Start Time: 9/21/2016 10:00:00 PM Stop Time: 10/1/2016 11:45:00 AM
10/7/2016 16:48 Log Download - Used Battery: 11% Used Memory: 12% User Name: SKuiper Interval - Start Time: 9/28/2016 10:00:00 PM Stop Time: 10/7/2016 4:45:00 PM
10/13/2016 16:12 Log Download - Used Battery: 12% Used Memory: 14% User Name: SKuiper Interval - Start Time: 10/5/2016 10:00:00 PM Stop Time: 10/13/2016 4:00:00 PM
10/20/2016 16:33 Log Download - Used Battery: 12% Used Memory: 14% User Name: SKuiper Interval - Start Time: 10/12/2016 10:00:00 PM Stop Time: 10/20/2016 4:30:00 PM
10/27/2016 17:01 Log Download - Used Battery: 12% Used Memory: 15% User Name: SKuiper Interval - Start Time: 10/19/2016 10:00:00 PM Stop Time: 10/27/2016 4:45:00 PM
11/3/2016 16:11 Log Download - Used Battery: 13% Used Memory: 15% User Name: SKuiper Interval - Start Time: 9/30/2016 10:00:00 PM Stop Time: 11/3/2016 4:00:00 PM
11/11/2016 8:07 Log Download - Used Battery: 13% Used Memory: 17% User Name: SKuiper Interval - Start Time: 11/2/2016 10:00:00 PM Stop Time: 11/11/2016 8:00:00 AM
11/17/2016 15:24 Log Download - Used Battery: 14% Used Memory: 17% User Name: SKuiper Interval - Start Time: 11/9/2016 10:00:00 PM Stop Time: 11/17/2016 4:15:00 PM
11/24/2016 12:16 Log Download - Used Battery: 14% Used Memory: 18% User Name: SKuiper Interval - Start Time: 11/15/2016 10:00:00 PM Stop Time: 11/24/2016 1:00:00 PM
12/2/2016 7:39 Log Download - Used Battery: 14% Used Memory: 18% User Name: SKuiper Interval - Start Time: 10/31/2016 10:00:00 PM Stop Time: 12/2/2016 7:30:00 AM
12/9/2016 9:15 Log Download - Used Battery: 15% Used Memory: 20% User Name: SKuiper Interval - Start Time: 11/30/2016 10:00:00 PM Stop Time: 12/9/2016 9:00:00 AM
12/15/2016 15:06 Log Download - Used Battery: 15% Used Memory: 20% User Name: SKuiper Interval - Start Time: 12/7/2016 10:00:00 PM Stop Time: 12/15/2016 3:00:00 PM
12/22/2016 11:41 Log Download - Used Battery: 15% Used Memory: 21% User Name: ANorris Interval - Start Time: 12/14/2016 10:00:00 PM Stop Time: 12/22/2016 12:30:00 PM
1/5/2017 9:55 Log Download - Used Battery: 16% Used Memory: 23% User Name: SKuiper Interval - Start Time: 11/30/2016 10:00:00 PM Stop Time: 1/5/2017 10:45:00 AM
1/12/2017 15:54 Log Download - Used Battery: 16% Used Memory: 25% User Name: SKuiper Interval - Start Time: 1/4/2017 10:00:00 PM Stop Time: 1/12/2017 3:45:00 PM
1/19/2017 12:33 Log Download - Used Battery: 17% Used Memory: 25% User Name: EHernandez Interval - Start Time: 1/11/2017 10:00:00 PM Stop Time: 1/19/2017 1:30:00 PM
1/26/2017 9:31 Log Download - Used Battery: 17% Used Memory: 26% User Name: SKuiper Interval - Start Time: 1/18/2017 10:00:00 PM Stop Time: 1/26/2017 9:30:00 AM
2/2/2017 15:32 Log Download - Used Battery: 18% Used Memory: 26% User Name: WMassoll Interval - Start Time: 12/31/2016 10:00:00 PM Stop Time: 2/2/2017 3:30:00 PM
2/9/2017 12:38 Log Download - Used Battery: 18% Used Memory: 28% User Name: EHernandez Interval - Start Time: 2/1/2017 12:00:00 AM Stop Time: 2/9/2017 1:30:00 PM
2/16/2017 12:15 Log Download - Used Battery: 18% Used Memory: 28% User Name: WMassoll Interval - Start Time: 2/8/2017 12:00:00 PM Stop Time: 2/16/2017 1:00:00 PM
2/23/2017 11:00 Log Download - Used Battery: 19% Used Memory: 29% User Name: EHernandez Interval - Start Time: 2/15/2017 12:00:00 AM Stop Time: 2/23/2017 11:45:00 AM
3/2/2017 15:49 Log Download - Used Battery: 19% Used Memory: 29% User Name: SKuiper Interval - Start Time: 1/31/2017 10:00:00 PM Stop Time: 3/2/2017 3:45:00 PM
3/9/2017 12:39 Log Download - Used Battery: 19% Used Memory: 31% User Name: WMassoll Interval - Start Time: 3/1/2017 11:30:00 PM Stop Time: 3/9/2017 1:30:00 PM
3/16/2017 16:23 Log Download - Used Battery: 20% Used Memory: 31% User Name: WMassoll Interval - Start Time: 3/8/2017 10:00:00 PM Stop Time: 3/16/2017 4:30:00 PM
3/23/2017 14:06 Log Download - Used Battery: 20% Used Memory: 32% User Name: AVanHaitsma Interval - Start Time: 3/15/2017 10:00:00 PM Stop Time: 3/23/2017 3:00:00 PM
3/30/2017 12:15 Log Download - Used Battery: 20% Used Memory: 32% User Name: AVanHaitsma Interval - Start Time: 3/22/2017 10:00:00 PM Stop Time: 3/30/2017 1:15:00 PM
4/6/2017 13:28 Log Download - Used Battery: 21% Used Memory: 34% User Name: WMassoll Interval - Start Time: 3/28/2017 12:00:00 PM Stop Time: 4/6/2017 2:15:00 PM
4/13/2017 11:35 Log Download - Used Battery: 21% Used Memory: 34% User Name: WMassoll Interval - Start Time: 4/5/2017 12:00:00 PM Stop Time: 4/13/2017 11:30:00 AM
4/20/2017 11:17 Log Download - Used Battery: 21% Used Memory: 35% User Name: AVanHaitsma Interval - Start Time: 4/12/2017 10:00:00 PM Stop Time: 4/20/2017 12:15:00 PM
4/27/2017 12:20 Log Download - Used Battery: 22% Used Memory: 35% User Name: WMassoll Interval - Start Time: 4/19/2017 10:00:00 PM Stop Time: 4/27/2017 12:15:00 PM
5/4/2017 11:43 Log Download - Used Battery: 22% Used Memory: 37% User Name: AVanHaitsma Interval - Start Time: 3/31/2017 10:00:00 PM Stop Time: 5/4/2017 12:30:00 PM
5/11/2017 10:53 Log Download - Used Battery: 23% Used Memory: 37% User Name: AVanHaitsma Interval - Start Time: 5/3/2017 10:00:00 PM Stop Time: 5/11/2017 11:45:00 AM
5/18/2017 18:10 Log Download - Used Battery: 23% Used Memory: 39% User Name: WMassoll Interval - Start Time: 5/10/2017 10:00:00 PM Stop Time: 5/18/2017 7:00:00 PM
5/19/2017 8:52 User Note: "Pressure & Level adjusted by baro data from: "MPWSP Barotroll_2017-05-18_18-53-25-090.wsl""

Log Data:
Record Count 753

Sensors
2
1 427634 PCTD 100 PSIA (60.1m/197.3ft)
2 0 Baro-Adjustment Calc

Time Zone: Pacific Daylight Time

Date and Time	Elapsed Time Seconds	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
		SNR: 427634	SNR: 427634	SNR: 427634	SNR: 427634	SNR: 427634	SNR: 427634	SNR: 427634	SNR: 427634	SNR: 427634	SNR: 427634	SNR: 000000
		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)	
5/11/2017 0:00	7200	25.876	16.991	58.98	4134.779	4881.552	2.641	3.319	241.851	1.001	14.804	
5/11/2017 0:15	8100	25.884	16.99	58.997	4136.468	4883.614	2.642	3.321	241.752	1.001	14.8	
5/11/2017 0:30	9000	25.884	16.991	58.997	4138.142	4885.503	2.643	3.322	241.654	1.001	14.805	
5/11/2017 0:45	9900	25.88	16.989	58.989	4140.114	4887.985	2.644	3.324	241.539	1.001	14.808	
5/11/2017 1:00	10800	25.89	16.99	59.011	4142.245	4890.462	2.646	3.326	241.415	1.001	14.804	
5/11/2017 1:15	11700	25.883	16.99	58.996	4143.368	4891.808	2.646	3.326	241.35	1.001	14.806	
5/11/2017 1:30	12600	25.888	16.99	59.008	4145.441	4894.208	2.648	3.328	241.229	1.001	14.803	
5/11/2017 1:45	13500	25.893	16.99	59.019	4146.887	4895.876	2.649	3.329	241.145	1.001	14.802	
5/11/2017 2:00	14400	25.892	16.99	59.016	4148.377	4897.674	2.65	3.33	241.058	1.001	14.803	
5/11/2017 2:15	15300	25.896	16.99	59.024	4149.974	4899.529	2.651	3.332	240.965	1.001	14.797	
5/11/2017 2:30	16200	25.891	16.99	59.014	4150.594	4900.3	2.651	3.332	240.929	1.001	14.8	
5/11/2017 2:45	17100	25.891	16.991	59.001	4151.981	4901.885	2.652	3.333	240.848	1.001	14.804	
5/11/2017 3:00	18000	25.892	16.99	59.017	4152.266	4902.385	2.653	3.334	240.832	1.001	14.801	
5/11/2017 3:15	18900	25.888	16.99	59.008	4153.398	4903.611	2.653	3.334	240.767	1.001	14.802	
5/11/2017 3:30	19800	25.892	16.991	59.015	4154.677	4905.054	2.654	3.335	240.693	1.001	14.799	
5/11/2017 3:45	20700	25.891	16.99	59.015	4155.045	4905.575	2.654	3.336	240.671	1.001	14.803	
5/11/2017 4:00	21600	25.891	16.991	59.013	4155.149	4905.583	2.654	3.336	240.665	1.001	14.802	
5/11/2017 4:15	22500	25.89	16.991	59.012	4155.137	4905.577	2.654	3.336	240.666	1.001	14.801	
5/11/2017 4:30	23400	25.884	16.991	58.997	4154.859	4905.24	2.654	3.336	240.682	1.001	14.807	
5/11/2017 4:45	24300	25.886	16.99	59.002	4154.301	4904.657	2.654	3.335	240.714	1.001	14.805	
5/11/2017 5:00	25200	25.889	16.99	59.009	4154.043	4904.344	2.654	3.335	240.729	1.001	14.802	
5/11/2017 5:15	26100	25.885	16.99	59.001	4152.856	4902.981	2.653	3.334	240.798	1.001	14.8	
5/11/2017 5:30	27000	25.884	16.99	58.997	4151.977	4901.885	2.652	3.333	240.849	1.001	14.805	
5/11/2017 5:45	27900	25.888	16.99	59.007	4151.293	4901.146	2.652	3.333	240.889	1.001	14.802	
5/11/2017 6:00	28800	25.882	16.99	58.993	4150.893	4900.669	2.652	3.332	240.912	1.001	14.807	
5/11/2017 6:15	29700	25.875	16.989	58.976	4149.826	4899.451	2.651	3.332	240.974	1.001	14.814	
5/11/2017 6:30	30600	25.874	16.99	58.975	4148.334	4897.652	2.65	3.33	241.061	1.001	14.815	
5/11/2017 6:45	31500	25.869	16.99	58.963	4148.26	4897.555	2.65	3.33	241.065	1.001	14.815	
5/11/2017 7:00	32400	25.873	16.99	58.973	4146.878	4895.942	2.649	3.329	241.145	1.001	14.814	
5/11/2017 7:15	33300	25.866	16.991	58.956	4145.243	4893.896	2.648	3.328	241.24	1.001	14.815	
5/11/2017 7:30	34200	25.875	16.99	58.976	4143.803	4892.254	2.647	3.327	241.324	1.001	14.809	
5/11/2017 7:45	35100	25.875	16.99	58.976	4142.841	4891.127	2.646	3.326	241.38	1.001	14.812	
5/11/2017 8:00	36000	25.869	16.99	58.964	4141.41	4889.477	2.645	3.325	241.464	1.001	14.817	
5/11/2017 8:15	36900	25.863	16.989	58.949	4140.32	4888.229	2.644	3.324	241.527	1.001	14.822	
5/11/2017 8:30	37800	25.869	16.99	58.963	4139.275	4886.928	2.644	3.323	241.588	1.001	14.814	
5/11/2017 8:45	38700	25.87	16.99	58.965	4137.391	4884.722	2.642	3.322	241.698	1.001	14.816	
5/11/2017 9:00	39600	25.866	16.989	58.953	4136.583	4883.807	2.642	3.321	241.745	1.001	14.811	
5/11/2017 9:15	40500	25.864	16.99	58.951	4134.955	4881.855	2.641	3.32	241.841	1.001	14.815	
5/11/2017 9:30	41400	25.862	16.99	58.948	4133.811	4880.534	2.64	3.319	241.908	1.001	14.814	
5/11/2017 9:45	42300	25.859	16.99	58.94	4132.735	4879.187	2.639	3.318	241.971	1.001	14.817	
5/11/2017 10:00	43200	25.853	16.99	58.927	4132.768	4879.273	2.639	3.318	241.969	1.001	14.817	
5/11/2017 10:15	44100	25.856	16.99	58.933	4131.233	4877.461	2.638	3.317	242.058	1.001	14.816	
5/11/2017 10:30	45000	25.855	16.99	58.932	4130.501	4876.569	2.638	3.316	242.101	1.001	14.817	
5/11/2017 10:45	45900	25.855	16.989	58.931	4130.141	4876.221	2.638	3.316	242.122	1.001	14.814	
5/11/2017 11:00	46800	25.859	16.99	58.941	4129.776	4875.693	2.637	3.315	242.144	1.001	14.809	
5/11/2017 11:15	47700	25.854	16.989	58.93	4128.428	4874.208	2.636	3.314	242.223	1.001	14.815	
5/11/2017 11:30	48600	25.854	16.99	58.929	4127.791	4873.397	2.636	3.314	242.26	1.001	14.816	
5/11/2017 11:45	49500	25.849	16.99	58.917	4127.07	4872.566	2.635	3.313	242.303	1.001	14.822	
5/11/2017 12:00	50400	25.853	16.99	58.926	4126.199	4871.49	2.635	3.313	242.354	1.001	14.819	
5/11/2017 12:15	51300	25.852	16.99	58.924	4125.856	4871.124	2.635	3.312	242.374	1.001	14.814	
5/11/2017 12:30	52200	25.846	16.989	58.91	4124.705	4869.822	2.634	3.311	242.442	1.001	14.821	
5/11/2017 12:45	53100	25.85	16.989	58.919	4125.444	4870.685	2.634	3.312	242.398	1.001	14.817	
5/11/2017 13:00	54000	25.846	16.99	58.91	4125.761	4870.992	2.635	3.312	242.38	1.001	14.817	
5/11/2017 13:15	54900	25.852	16.99	58.925	4125.211	4870.313	2.634	3.312	242.412	1.001	14.814	
5/11/2017 13:30	55800	25.85	16.99	58.92	4125.692	4870.674	2.634	3.312	242.395	1.001	14.817	
5/11/2017 13:45	56700	25.849	16.99	58.919	4125.618	4870.794	2.634	3.312	242.388	1.001	14.814	
5/11/2017 14:00	57600	25.851	16.99	58.921	4125.783	4871.008	2.635	3.312	242.378	1.001	14.817	
5/11/2017 14:15	58500	25.855	16.99	58.931	4127.058	4872.475	2.635	3.313	242.303	1.001	14.807	
5/11/2017 14:30	59400	25.861	16.99	58.945	4127.394	4872.948	2.636	3.314	242.284	1.001	14.811	
5/11/2017 14:45	60300	25.859	16.989	58.94	4127.719	4873.361	2.636	3.314	242.265	1.001	14.815	
5/11/2017 15:00	61200	25.853	16.99	58.928	4128.162	4873.827	2.636	3.315	242.239	1.001	14.814	
5/11/2017 15:15	62100	25.859	16.99	58.941	4129.371	4875.273	2.637	3.315	242.168	1.001	14.808	
5/11/2017 15:30	63000	25.853	16.99	58.928	4129.744	4875.695	2.637	3.315	242.146	1.001	14.809	
5/11/2017 15:45	63900	25.857	16.99	58.935	4130.312	4876.326	2.638	3.316	242.112	1.001	14.807	
5/11/2017 16:00	64800	25.862	16.99	58.948	4130.978	4877.16	2.638	3.316	242.073	1.001	14.806	
5/11/2017 16:15	65700	25.868	16.989	58.938	4131.708	4878.08	2.637	3.317	242.031	1.001	14.808	
5/11/2017 16:30	66600	25.868	16.99	58.939	4132.07	4878.431	2.639	3.317	242.009	1.001	14.801	
5/11/2017 16:45	67500	25.862	16.989	58.948	4133.153	4879.767	2.64	3.318	241.946	1.001	14.798	
5/11/2017 17:00	68400	25.863	16.99	58.949	4133.554	4880.174	2.64	3.319	241.923	1.001	14.801	
5/11/2017 17:15	69300	25.858	16.989	58.939	4134.881	4881.826	2.641	3.32	241.845	1.001	14.797	
5/11/2017 17:30	70200	25.856	16.989	58.933	4134.719	4881.635	2.641	3.32	241.854	1.001	14.803	
5/11/2017 17:45	71100	25.855	16.99	58.932	4134.938	4881.835	2.641	3.32	241.842	1.001	14.802	
5/11/2017 18:00	72000	25.846	16.99	58.91	4134.659	4881.498	2.641	3.319	241.858	1.001	14.809	
5/11/2017 18:15	72900	25.86	16.989	58.943	4134.356	4881.197	2.64	3.319	241.876	1.001	14.797	
5/11/2017 18:30	73800	25.856	16.99	58.933	4134.215	4881.012	2.64	3.319	241.884	1.001	14.801	
5/11/2017 18:45	74700	25.852	16.989	58.925	4134.393	4881.298	2.64	3.319	241.874	1.001	14.802	
5/11/2017 19:00	75600	25.854	16.99	58.928	4133.685	4880.317	2.64	3.319	241.915	1.001	14.797	
5/11/2017 19:15	76500	25.853	16.99	58.927	4132.893	4879.44	2.639	3.317	241.961	1.001	14.797	
5/11/2017 19:30	77400	25.851	16.989	58.921	4132.164	4878.599	2.639	3.317	242.004	1.001	14.801	
5/11/2017 19:45	78300	25.856	16.99	58.934	4131.498	4877.793	2.638	3.317	242.043	1.001	14.798	
5/11/2017 20:00	79200	25.857	16.99	58.935	4131.277	4877.494	2.638	3.317	242.056	1.001	14.799	
5/11/2017 20:15	80100	25.846	16.99	58.912	4130.213	4876.257	2.638	3.316	242.118	1.001	14.803	
5/11/2017 20:30	81000	25.845	16.99									

5/11/2017 23:30	91800	25.862	16.99	58.948	4131.085	4877.297	2.638	3.317	242.067	1.001	14.8
5/11/2017 23:45	92700	25.858	16.99	58.939	4132.017	4878.359	2.639	3.317	242.013	1.001	14.805
5/12/2017 0:00	93600	25.869	16.99	58.963	4133.209	4879.767	2.64	3.318	241.943	1.001	14.8
5/12/2017 0:15	94500	25.866	16.989	58.956	4134.355	4881.197	2.64	3.319	241.876	1.001	14.804
5/12/2017 0:30	95400	25.868	16.99	58.962	4135.827	4882.856	2.641	3.32	241.79	1.001	14.802
5/12/2017 0:45	96300	25.87	16.99	58.965	4136.732	4883.964	2.642	3.321	241.737	1.001	14.801
5/12/2017 1:00	97200	25.879	16.989	58.985	4138.349	4885.9	2.643	3.322	241.642	1.001	14.812
5/12/2017 1:15	98100	25.872	16.99	58.971	4139.848	4887.594	2.644	3.324	241.555	1.001	14.806
5/12/2017 1:30	99000	25.874	16.99	58.976	4141.854	4889.981	2.645	3.325	241.438	1.001	14.802
5/12/2017 1:45	99900	25.861	16.99	58.944	4143.561	4892.045	2.647	3.327	241.338	1.001	14.813
5/12/2017 2:00	100800	25.882	16.99	58.992	4144.966	4893.666	2.648	3.328	241.257	1.001	14.798
5/12/2017 2:15	101700	25.878	16.99	58.984	4146.132	4895.072	2.648	3.329	241.189	1.001	14.802
5/12/2017 2:30	102600	25.882	16.99	58.982	4147.951	4897.229	2.65	3.33	241.085	1.001	14.802
5/12/2017 2:45	103500	25.877	16.989	58.981	4149.294	4898.843	2.651	3.331	241.005	1.001	14.803
5/12/2017 3:00	104400	25.873	16.99	58.973	4149.838	4899.427	2.651	3.332	240.973	1.001	14.807
5/12/2017 3:15	105300	25.87	16.989	58.965	4151.07	4901.007	2.652	3.333	240.902	1.001	14.81
5/12/2017 3:30	106200	25.881	16.99	58.991	4152.103	4902.081	2.652	3.333	240.842	1.001	14.797
5/12/2017 3:45	107100	25.88	16.99	58.988	4153.03	4903.195	2.653	3.334	240.788	1.001	14.801
5/12/2017 4:00	108000	25.879	16.99	58.984	4153.517	4903.751	2.653	3.335	240.76	1.001	14.806
5/12/2017 4:15	108900	25.88	16.99	58.988	4153.627	4903.892	2.653	3.335	240.753	1.001	14.802
5/12/2017 4:30	109800	25.878	16.989	58.983	4153.19	4903.434	2.653	3.334	240.779	1.001	14.811
5/12/2017 4:45	110700	25.87	16.99	58.966	4153.087	4903.273	2.653	3.334	240.785	1.001	14.809
5/12/2017 5:00	111600	25.872	16.989	58.97	4153.176	4903.427	2.653	3.334	240.78	1.001	14.806
5/12/2017 5:15	112500	25.873	16.99	58.973	4152.185	4902.178	2.652	3.333	240.837	1.001	14.81
5/12/2017 5:30	113400	25.869	16.99	58.962	4151.786	4901.757	2.652	3.333	240.86	1.001	14.812
5/12/2017 5:45	114300	25.868	16.989	58.961	4151.322	4901.237	2.652	3.333	240.887	1.001	14.811
5/12/2017 6:00	115200	25.867	16.99	58.958	4150.277	4899.975	2.651	3.332	240.948	1.001	14.81
5/12/2017 6:15	116100	25.867	16.989	58.958	4149.375	4898.93	2.651	3.331	241	1.001	14.817
5/12/2017 6:30	117000	25.866	16.99	58.957	4147.316	4896.459	2.649	3.33	241.12	1.001	14.814
5/12/2017 6:45	117900	25.861	16.99	58.945	4147.006	4896.083	2.649	3.329	241.138	1.001	14.817
5/12/2017 7:00	118800	25.858	16.989	58.939	4145.548	4894.411	2.648	3.328	241.223	1.001	14.817
5/12/2017 7:15	119700	25.861	16.989	58.945	4144.221	4892.844	2.647	3.327	241.3	1.001	14.815
5/12/2017 7:30	120600	25.857	16.989	58.936	4143.464	4891.941	2.647	3.327	241.344	1.001	14.818
5/12/2017 7:45	121500	25.869	16.99	58.963	4141.996	4890.149	2.646	3.325	241.429	1.001	14.818
5/12/2017 8:00	122400	25.857	16.99	58.937	4140.621	4888.564	2.645	3.324	241.51	1.001	14.819
5/12/2017 8:15	123300	25.857	16.989	58.936	4139.087	4886.813	2.644	3.323	241.599	1.001	14.815
5/12/2017 8:30	124200	25.846	16.99	58.912	4138.376	4885.886	2.643	3.322	241.641	1.001	14.812
5/12/2017 8:45	125100	25.856	16.989	58.933	4137.63	4885.102	2.643	3.322	241.684	1.001	14.811
5/12/2017 9:00	126000	25.847	16.989	58.913	4137.526	4884.93	2.643	3.322	241.69	1.001	14.818
5/12/2017 9:15	126900	25.852	16.989	58.926	4136.093	4883.238	2.642	3.321	241.774	1.001	14.813
5/12/2017 9:30	127800	25.846	16.99	58.911	4135.881	4882.959	2.641	3.32	241.786	1.001	14.818
5/12/2017 9:45	128700	25.854	16.989	58.929	4134.441	4881.317	2.64	3.319	241.871	1.001	14.812
5/12/2017 10:00	129600	25.845	16.989	58.945	4133.736	4880.458	2.64	3.319	241.912	1.001	14.815
5/12/2017 10:15	130500	25.843	16.99	58.905	4132.882	4879.438	2.639	3.318	241.962	1.001	14.816
5/12/2017 10:30	131400	25.843	16.989	58.904	4131.523	4877.843	2.638	3.317	242.041	1.001	14.815
5/12/2017 10:45	132300	25.844	16.99	58.906	4130.388	4876.474	2.638	3.316	242.108	1.001	14.816
5/12/2017 11:00	133200	25.837	16.989	58.891	4129.634	4875.622	2.637	3.315	242.152	1.001	14.817
5/12/2017 11:15	134100	25.844	16.989	58.907	4128.952	4874.817	2.637	3.315	242.192	1.001	14.812
5/12/2017 11:30	135000	25.838	16.989	58.893	4128.198	4873.846	2.636	3.314	242.236	1.001	14.815
5/12/2017 11:45	135900	25.833	16.989	58.881	4127.4	4873.034	2.636	3.314	242.283	1.001	14.812
5/12/2017 12:00	136800	25.842	16.99	58.902	4126.428	4871.779	2.635	3.313	242.34	1.001	14.808
5/12/2017 12:15	137700	25.841	16.989	58.901	4125.171	4870.402	2.634	3.312	242.414	1.001	14.811
5/12/2017 12:30	138600	25.843	16.989	58.905	4125.005	4870.147	2.634	3.312	242.424	1.001	14.805
5/12/2017 12:45	139500	25.84	16.989	58.897	4124.978	4870.115	2.634	3.312	242.426	1.001	14.803
5/12/2017 13:00	140400	25.839	16.989	58.895	4124.841	4869.757	2.634	3.311	242.445	1.001	14.802
5/12/2017 13:15	141300	25.837	16.989	58.89	4124.12	4869.151	2.633	3.311	242.476	1.001	14.803
5/12/2017 13:30	142200	25.846	16.99	58.912	4124.042	4868.971	2.633	3.311	242.481	1.001	14.8
5/12/2017 13:45	143100	25.838	16.989	58.894	4124.658	4869.766	2.634	3.311	242.444	1.001	14.802
5/12/2017 14:00	144000	25.846	16.989	58.912	4124.796	4869.911	2.634	3.312	242.436	1.001	14.798
5/12/2017 14:15	144900	25.843	16.99	58.904	4124.913	4870.02	2.634	3.312	242.429	1.001	14.796
5/12/2017 14:30	145800	25.838	16.989	58.892	4125.699	4870.985	2.635	3.312	242.383	1.001	14.798
5/12/2017 14:45	146700	25.851	16.989	58.922	4126.354	4871.759	2.635	3.313	242.345	1.001	14.795
5/12/2017 15:00	147600	25.843	16.989	58.904	4126.193	4871.569	2.635	3.313	242.354	1.001	14.794
5/12/2017 15:15	148500	25.841	16.989	58.901	4127.069	4872.643	2.635	3.313	242.303	1.001	14.789
5/12/2017 15:30	149400	25.846	16.989	58.911	4127.336	4872.958	2.636	3.314	242.287	1.001	14.783
5/12/2017 15:45	150300	25.846	16.99	58.912	4128.316	4873.999	2.636	3.314	242.229	1.001	14.784
5/12/2017 16:00	151200	25.853	16.989	58.928	4129.494	4875.447	2.637	3.315	242.16	1.001	14.777
5/12/2017 16:15	152100	25.847	16.99	58.914	4129.921	4875.932	2.637	3.316	242.135	1.001	14.774
5/12/2017 16:30	153000	25.853	16.989	58.927	4130.98	4877.241	2.638	3.316	242.073	1.001	14.774
5/12/2017 16:45	153900	25.848	16.989	58.915	4132.101	4878.603	2.639	3.317	242.008	1.001	14.779
5/12/2017 17:00	154800	25.845	16.989	58.909	4133.036	4879.697	2.64	3.318	241.953	1.001	14.784
5/12/2017 17:15	155700	25.853	16.989	58.926	4134.173	4880.981	2.64	3.319	241.886	1.001	14.781
5/12/2017 17:30	156600	25.846	16.989	58.91	4134.576	4881.525	2.641	3.319	241.863	1.001	14.782
5/12/2017 17:45	157500	25.849	16.99	58.917	4135.869	4882.964	2.641	3.32	241.787	1.001	14.781
5/12/2017 18:00	158400	25.848	16.989	58.915	4135.929	4883.055	2.641	3.32	241.784	1.001	14.78
5/12/2017 18:15	159300	25.849	16.989	58.919	4135.877	4883.013	2.641	3.32	241.787	1.001	14.779
5/12/2017 18:30	160200	25.839	16.989	58.894	4135.715	4882.811	2.641	3.32	241.796	1.001	14.781
5/12/2017 18:45	161100	25.849	16.989	58.917	4136.075	4883.227	2.642	3.321	241.775	1.001	14.779
5/12/2017 19:00	162000	25.853	16.989	58.927	4136.161	4883.337	2.642	3.321	241.77	1.001	14.775
5/12/2017 19:15	162900	25.844	16.989	58.907	4136.197	4883.39	2.642	3.321	241.768	1.001	14.776
5/12/2017 19:30	163800	25.852	16.989	58.926	4136.486	4883.721	2.642	3.321	241.751	1.001	14.777
5/12/2017 19:45	164700	25.841	16.989	58.899	4136.375	4883.59	2.642	3.321	241.758	1.001	14.787
5/12/2017 20:00	165600	25.849	16.99	58.917	4136.636	4883.851	2.642	3.321	241.742	1.001	14.78
5/12/2017 20:15	166500	25.857	16.989	58.937	4136.88	4884.264	2.642	3.321	241.728	1.001	14.775
5/12/2017 20:30	167400	25.85	16.989	58.92	4136.898	4884.267	2.642	3.321	241.727	1.001	14.781
5/12/2017 20:											

5/14/2017 4:15	281700	25.868	16.988	58.961	4160.686	4912.379	2.658	3.34	240.345	1.001	14.713
5/14/2017 4:30	282600	25.872	16.988	58.97	4161.072	4912.847	2.659	3.341	240.323	1.001	14.708
5/14/2017 4:45	283500	25.867	16.988	58.958	4161.26	4913.108	2.659	3.341	240.312	1.001	14.711
5/14/2017 5:00	284400	25.87	16.988	58.965	4162.044	4914.042	2.659	3.342	240.267	1.001	14.711
5/14/2017 5:15	285300	25.866	16.988	58.958	4161.765	4913.703	2.659	3.341	240.283	1.001	14.708
5/14/2017 5:30	286200	25.878	16.988	58.983	4161.498	4913.369	2.659	3.341	240.298	1.001	14.703
5/14/2017 5:45	287100	25.877	16.988	58.977	4161.575	4913.429	2.659	3.341	240.254	1.001	14.704
5/14/2017 6:00	288000	25.865	16.988	58.954	4161.768	4913.677	2.659	3.341	240.282	1.001	14.709
5/14/2017 6:15	288900	25.869	16.989	58.964	4160.658	4912.309	2.658	3.34	240.347	1.001	14.707
5/14/2017 6:30	289800	25.861	16.988	58.945	4160.136	4911.78	2.658	3.34	240.377	1.001	14.712
5/14/2017 6:45	290700	25.86	16.989	58.942	4159.877	4911.387	2.658	3.34	240.392	1.001	14.713
5/14/2017 7:00	291600	25.866	16.988	58.955	4158.94	4910.239	2.657	3.339	240.452	1.001	14.709
5/14/2017 7:15	292500	25.864	16.988	58.954	4158.323	4909.652	2.657	3.339	240.482	1.001	14.708
5/14/2017 7:30	293400	25.854	16.988	58.929	4157.719	4908.926	2.656	3.338	240.517	1.001	14.715
5/14/2017 7:45	294300	25.86	16.988	58.944	4155.919	4906.821	2.655	3.337	240.621	1.001	14.712
5/14/2017 8:00	295200	25.854	16.988	58.929	4155.125	4905.853	2.655	3.336	240.667	1.001	14.711
5/14/2017 8:15	296100	25.85	16.988	58.921	4153.909	4904.409	2.654	3.335	240.737	1.001	14.718
5/14/2017 8:30	297000	25.851	16.988	58.921	4153.511	4903.986	2.653	3.335	240.76	1.001	14.712
5/14/2017 8:45	297900	25.851	16.987	58.921	4151.654	4901.736	2.652	3.333	240.868	1.001	14.717
5/14/2017 9:00	298800	25.849	16.988	58.918	4150.849	4900.815	2.652	3.333	240.915	1.001	14.713
5/14/2017 9:15	299700	25.846	16.988	58.91	4149.77	4899.53	2.651	3.332	240.977	1.001	14.717
5/14/2017 9:30	300600	25.843	16.988	58.904	4148.404	4897.918	2.65	3.331	241.057	1.001	14.719
5/14/2017 9:45	301500	25.834	16.988	58.884	4146.906	4896.169	2.649	3.329	241.144	1.001	14.719
5/14/2017 10:00	302400	25.832	16.988	58.879	4146.321	4895.45	2.649	3.329	241.178	1.001	14.718
5/14/2017 10:15	303300	25.846	16.988	58.91	4144.869	4893.023	2.648	3.328	241.262	1.001	14.713
5/14/2017 10:30	304200	25.851	16.988	58.922	4143.292	4891.931	2.647	3.327	241.354	1.001	14.709
5/14/2017 10:45	305100	25.84	16.988	58.898	4142.262	4890.646	2.646	3.326	241.414	1.001	14.717
5/14/2017 11:00	306000	25.82	16.988	58.851	4141.09	4889.263	2.645	3.325	241.482	1.001	14.723
5/14/2017 11:15	306900	25.833	16.988	58.881	4139.657	4887.648	2.644	3.324	241.566	1.001	14.716
5/14/2017 11:30	307800	25.834	16.988	58.884	4139.859	4887.848	2.644	3.324	241.554	1.001	14.714
5/14/2017 11:45	308700	25.832	16.988	58.878	4138.854	4886.663	2.644	3.323	241.613	1.001	14.715
5/14/2017 12:00	309600	25.836	16.987	58.888	4137.712	4885.41	2.643	3.322	241.679	1.001	14.719
5/14/2017 12:15	310500	25.828	16.988	58.871	4135.532	4882.721	2.641	3.32	241.807	1.001	14.721
5/14/2017 12:30	311400	25.823	16.988	58.859	4134.697	4881.734	2.641	3.32	241.856	1.001	14.723
5/14/2017 12:45	312300	25.824	16.988	58.861	4133.476	4880.292	2.64	3.319	241.927	1.001	14.726
5/14/2017 13:00	313200	25.822	16.987	58.857	4132.376	4879.121	2.639	3.318	241.992	1.001	14.725
5/14/2017 13:15	314100	25.83	16.987	58.874	4131.69	4878.292	2.639	3.317	242.032	1.001	14.732
5/14/2017 13:30	315000	25.824	16.988	58.861	4130.232	4876.513	2.638	3.316	242.117	1.001	14.722
5/14/2017 13:45	315900	25.82	16.988	58.851	4129.018	4875.059	2.637	3.315	242.188	1.001	14.728
5/14/2017 14:00	316800	25.823	16.988	58.858	4127.889	4873.726	2.636	3.314	242.255	1.001	14.724
5/14/2017 14:15	317700	25.821	16.987	58.855	4128.284	4874.239	2.636	3.314	242.231	1.001	14.723
5/14/2017 14:30	318600	25.813	16.988	58.835	4127.804	4873.626	2.636	3.314	242.26	1.001	14.726
5/14/2017 14:45	319500	25.865	16.988	58.865	4127.704	4873.516	2.636	3.314	242.266	1.001	14.721
5/14/2017 15:00	320400	25.828	16.988	58.871	4127.664	4873.488	2.636	3.314	242.268	1.001	14.718
5/14/2017 15:15	321300	25.829	16.988	58.873	4127.663	4873.41	2.636	3.314	242.268	1.001	14.713
5/14/2017 15:30	322200	25.823	16.989	58.859	4127.812	4873.519	2.636	3.314	242.259	1.001	14.715
5/14/2017 15:45	323100	25.822	16.988	58.857	4128.062	4873.9	2.636	3.314	242.244	1.001	14.716
5/14/2017 16:00	324000	25.822	16.988	58.856	4128.189	4874.051	2.636	3.314	242.237	1.001	14.714
5/14/2017 16:15	324900	25.823	16.989	58.859	4128.391	4874.309	2.636	3.315	242.225	1.001	14.721
5/14/2017 16:30	325800	25.827	16.988	58.867	4128.454	4874.382	2.636	3.315	242.221	1.001	14.705
5/14/2017 16:45	326700	25.832	16.987	58.88	4128.508	4874.515	2.637	3.315	242.218	1.001	14.703
5/14/2017 17:00	327600	25.828	16.988	58.869	4129.953	4876.164	2.637	3.316	242.133	1.001	14.707
5/14/2017 17:15	328500	25.829	16.988	58.872	4130.564	4876.885	2.638	3.316	242.098	1.001	14.706
5/14/2017 17:30	329400	25.827	16.988	58.867	4131.004	4877.432	2.638	3.317	242.072	1.001	14.705
5/14/2017 17:45	330300	25.826	16.988	58.865	4130.861	4877.236	2.638	3.317	242.08	1.001	14.703
5/14/2017 18:00	331200	25.823	16.988	58.86	4131.141	4877.536	2.638	3.317	242.064	1.001	14.71
5/14/2017 18:15	332100	25.825	16.987	58.863	4131.997	4878.673	2.639	3.317	242.014	1.001	14.71
5/14/2017 18:30	333000	25.815	16.988	58.84	4131.815	4878.389	2.639	3.317	242.024	1.001	14.707
5/14/2017 18:45	333900	25.821	16.987	58.854	4131.789	4878.397	2.639	3.317	242.026	1.001	14.708
5/14/2017 19:00	334800	25.832	16.988	58.879	4132.116	4878.648	2.639	3.317	242.007	1.001	14.702
5/14/2017 19:15	335700	25.826	16.988	58.866	4131.95	4878.501	2.639	3.317	242.016	1.001	14.702
5/14/2017 19:30	336600	25.827	16.988	58.869	4132.552	4879.023	2.639	3.318	241.993	1.001	14.705
5/14/2017 19:45	337500	25.828	16.988	58.87	4132.181	4878.794	2.639	3.318	242.003	1.001	14.701
5/14/2017 20:00	338400	25.828	16.988	58.869	4131.851	4878.335	2.639	3.317	242.022	1.001	14.701
5/14/2017 20:15	339300	25.832	16.988	58.879	4131.823	4878.352	2.639	3.317	242.024	1.001	14.698
5/14/2017 20:30	340200	25.822	16.988	58.857	4131.831	4878.381	2.639	3.317	242.023	1.001	14.704
5/14/2017 20:45	341100	25.825	16.988	58.863	4131.023	4877.427	2.638	3.317	242.071	1.001	14.699
5/14/2017 21:00	342000	25.827	16.988	58.867	4131.156	4877.567	2.638	3.317	242.063	1.001	14.71
5/14/2017 21:15	342900	25.822	16.988	58.856	4131.624	4878.105	2.639	3.317	242.036	1.001	14.7
5/14/2017 21:30	343800	25.833	16.987	58.882	4131.225	4877.703	2.638	3.317	242.059	1.001	14.694
5/14/2017 21:45	344700	25.834	16.988	58.883	4130.833	4877.144	2.638	3.316	242.082	1.001	14.693
5/14/2017 22:00	345600	25.82	16.988	58.853	4131.287	4877.681	2.638	3.317	242.055	1.001	14.704
5/14/2017 22:15	346500	25.822	16.988	58.855	4130.92	4877.294	2.638	3.317	242.077	1.001	14.704
5/14/2017 22:30	347400	25.828	16.988	58.87	4130.797	4877.121	2.638	3.316	242.084	1.001	14.697
5/14/2017 22:45	348300	25.824	16.988	58.86	4130.966	4877.34	2.638	3.317	242.074	1.001	14.697
5/14/2017 23:00	349200	25.828	16.988	58.871	4130.444	4876.744	2.638	3.316	242.105	1.001	14.7
5/14/2017 23:15	350100	25.832	16.988	58.88	4129.666	4875.805	2.637	3.316	242.15	1.001	14.696
5/14/2017 23:30	351000	25.826	16.988	58.866	4129.63	4875.763	2.637	3.316	242.152	1.001	14.699
5/14/2017 23:45	351900	25.825	16.988	58.862	4130.122	4876.324	2.638	3.316	242.124	1.001	14.696
5/15/2017 0:00	352800	25.824	16.988	58.864	4130.466	4876.777	2.638	3.316	242.103	1.001	14.698
5/15/2017 0:15	353700	25.832	16.988	58.878	4131.005	4877.433	2.638	3.317	242.072	1.001	14.692
5/15/2017 0:30	354600	25.831	16.988	58.876	4131.492	4877.97	2.639	3.317	242.043	1.001	14.699
5/15/2017 0:45	355500	25.827	16.987	58.867	4131.825	4878.42	2.639	3.317	242.024	1.001	14.697
5/15/2017 1:00	356400	25.831	16.987	58.877	4132.772	4879.531	2.639	3.318	241.968	1.001	14.696
5/15/2017 1:15	357300	25.834	16.988	58.883	4133.158	4879.967	2				

5/16/2017 9:00	471600	25.814	16.987	58.838	4136.94	4884.499	2.642	3.321	241.725	1.001	14.772
5/16/2017 9:15	472500	25.811	16.987	58.83	4136.361	4883.845	2.642	3.321	241.758	1.001	14.771
5/16/2017 9:30	473400	25.813	16.987	58.836	4136.093	4883.537	2.642	3.321	241.774	1.001	14.768
5/16/2017 9:45	474300	25.807	16.987	58.822	4135.197	4882.49	2.641	3.32	241.826	1.001	14.776
5/16/2017 10:00	475200	25.808	16.986	58.824	4134.49	4881.693	2.641	3.32	241.868	1.001	14.776
5/16/2017 10:15	476100	25.811	16.987	58.832	4134.187	4881.267	2.64	3.319	241.886	1.001	14.771
5/16/2017 10:30	477000	25.812	16.987	58.833	4132.726	4879.553	2.639	3.318	241.971	1.001	14.77
5/16/2017 10:45	477900	25.804	16.986	58.816	4131.686	4878.392	2.639	3.317	242.032	1.001	14.775
5/16/2017 11:00	478800	25.805	16.986	58.816	4131.242	4877.868	2.638	3.317	242.058	1.001	14.77
5/16/2017 11:15	479700	25.805	16.987	58.818	4130.475	4876.923	2.638	3.316	242.103	1.001	14.771
5/16/2017 11:30	480600	25.805	16.987	58.818	4129.73	4876.043	2.637	3.316	242.147	1.001	14.775
5/16/2017 11:45	481500	25.801	16.986	58.807	4128.973	4874.825	2.637	3.315	242.209	1.001	14.779
5/16/2017 12:00	482400	25.798	16.987	58.802	4128.155	4874.165	2.636	3.314	242.239	1.001	14.776
5/16/2017 12:15	483300	25.809	16.986	58.828	4126.803	4872.607	2.635	3.313	242.318	1.001	14.771
5/16/2017 12:30	484200	25.796	16.986	58.797	4126.08	4871.753	2.635	3.313	242.361	1.001	14.78
5/16/2017 12:45	485100	25.795	16.987	58.795	4125.024	4870.441	2.634	3.312	242.423	1.001	14.78
5/16/2017 13:00	486000	25.793	16.987	58.79	4123.623	4868.824	2.633	3.311	242.505	1.001	14.78
5/16/2017 13:15	486900	25.79	16.987	58.784	4122.832	4867.879	2.633	3.31	242.552	1.001	14.783
5/16/2017 13:30	487800	25.796	16.986	58.797	4121.984	4866.909	2.632	3.309	242.602	1.001	14.778
5/16/2017 13:45	488700	25.78	16.987	58.761	4121.829	4866.695	2.632	3.309	242.611	1.001	14.784
5/16/2017 14:00	489600	25.785	16.987	58.773	4120.472	4865.093	2.631	3.308	242.691	1.001	14.784
5/16/2017 14:15	490500	25.79	16.987	58.783	4119.572	4864.011	2.631	3.308	242.744	1.001	14.785
5/16/2017 14:30	491400	25.79	16.987	58.783	4118.82	4863.163	2.63	3.307	242.788	1.001	14.784
5/16/2017 14:45	492300	25.787	16.986	58.777	4118.139	4862.377	2.63	3.306	242.828	1.001	14.784
5/16/2017 15:00	493200	25.79	16.986	58.783	4117.569	4861.724	2.629	3.306	242.862	1.001	14.784
5/16/2017 15:15	494100	25.786	16.986	58.774	4117.272	4861.345	2.629	3.306	242.879	1.001	14.781
5/16/2017 15:30	495000	25.786	16.986	58.774	4116.338	4860.261	2.628	3.305	242.934	1.001	14.782
5/16/2017 15:45	495900	25.784	16.987	58.769	4116.364	4860.262	2.628	3.305	242.933	1.001	14.786
5/16/2017 16:00	496800	25.791	16.986	58.786	4116.321	4860.241	2.628	3.305	242.935	1.001	14.777
5/16/2017 16:15	497700	25.789	16.986	58.782	4115.39	4859.141	2.628	3.304	242.99	1.001	14.778
5/16/2017 16:30	498600	25.797	16.986	58.798	4116.005	4859.867	2.628	3.305	242.954	1.001	14.775
5/16/2017 16:45	499500	25.792	16.986	58.787	4115.899	4859.742	2.628	3.305	242.96	1.001	14.776
5/16/2017 17:00	500400	25.788	16.986	58.779	4116.066	4859.939	2.628	3.305	242.95	1.001	14.774
5/16/2017 17:15	501300	25.789	16.986	58.781	4115.948	4859.8	2.628	3.305	242.957	1.001	14.778
5/16/2017 17:30	502200	25.798	16.986	58.803	4115.772	4859.592	2.628	3.305	242.968	1.001	14.774
5/16/2017 17:45	503100	25.786	16.986	58.775	4115.751	4859.558	2.628	3.304	242.969	1.001	14.78
5/16/2017 18:00	504000	25.786	16.986	58.775	4116.246	4860.171	2.628	3.305	242.94	1.001	14.784
5/16/2017 18:15	504900	25.792	16.987	58.789	4116.033	4859.862	2.628	3.305	242.952	1.001	14.779
5/16/2017 18:30	505800	25.783	16.987	58.766	4116.136	4859.993	2.628	3.305	242.946	1.001	14.779
5/16/2017 18:45	506700	25.792	16.986	58.789	4116.513	4860.497	2.628	3.305	242.924	1.001	14.77
5/16/2017 19:00	507600	25.792	16.986	58.789	4116.298	4860.195	2.628	3.305	242.937	1.001	14.774
5/16/2017 19:15	508500	25.788	16.986	58.78	4116.847	4860.871	2.629	3.305	242.904	1.001	14.777
5/16/2017 19:30	509400	25.791	16.986	58.785	4117.577	4861.762	2.629	3.306	242.861	1.001	14.776
5/16/2017 19:45	510300	25.787	16.986	58.776	4117.943	4862.138	2.629	3.306	242.84	1.001	14.777
5/16/2017 20:00	511200	25.785	16.987	58.773	4118.794	4863.132	2.63	3.307	242.789	1.001	14.776
5/16/2017 20:15	512100	25.791	16.987	58.787	4119.155	4863.538	2.63	3.307	242.768	1.001	14.775
5/16/2017 20:30	513000	25.793	16.987	58.79	4119.338	4863.754	2.63	3.307	242.757	1.001	14.771
5/16/2017 20:45	513900	25.792	16.987	58.789	4118.963	4863.332	2.63	3.307	242.78	1.001	14.775
5/16/2017 21:00	514800	25.791	16.986	58.787	4119.649	4864.18	2.631	3.308	242.799	1.001	14.777
5/16/2017 21:15	515700	25.792	16.987	58.787	4119.758	4864.242	2.631	3.308	242.733	1.001	14.777
5/16/2017 21:30	516600	25.799	16.987	58.805	4120.242	4864.822	2.631	3.308	242.704	1.001	14.772
5/16/2017 21:45	517500	25.792	16.986	58.788	4120.407	4865.084	2.631	3.308	242.694	1.001	14.779
5/16/2017 22:00	518400	25.791	16.986	58.786	4120.525	4865.204	2.631	3.308	242.688	1.001	14.782
5/16/2017 22:15	519300	25.791	16.987	58.785	4120.665	4865.321	2.631	3.308	242.679	1.001	14.779
5/16/2017 22:30	520200	25.789	16.987	58.781	4120.102	4864.648	2.631	3.308	242.712	1.001	14.785
5/16/2017 22:45	521100	25.783	16.987	58.768	4120.746	4865.358	2.631	3.308	242.675	1.001	14.786
5/16/2017 23:00	522000	25.791	16.986	58.785	4119.883	4864.476	2.631	3.308	242.725	1.001	14.784
5/16/2017 23:15	522900	25.788	16.986	58.779	4119.819	4864.39	2.631	3.308	242.729	1.001	14.781
5/16/2017 23:30	523800	25.793	16.986	58.791	4119.988	4864.609	2.631	3.308	242.719	1.001	14.779
5/16/2017 23:45	524700	25.786	16.986	58.775	4120.044	4864.636	2.631	3.308	242.716	1.001	14.786
5/17/2017 0:00	525600	25.793	16.986	58.789	4119.744	4864.321	2.631	3.308	242.734	1.001	14.78
5/17/2017 0:15	526500	25.796	16.986	58.797	4120.057	4864.633	2.631	3.308	242.715	1.001	14.779
5/17/2017 0:30	527400	25.787	16.986	58.776	4120.315	4865.024	2.631	3.308	242.7	1.001	14.779
5/17/2017 0:45	528300	25.787	16.986	58.777	4120.301	4864.921	2.631	3.308	242.701	1.001	14.782
5/17/2017 1:00	529200	25.793	16.987	58.791	4121.583	4866.405	2.632	3.309	242.625	1.001	14.773
5/17/2017 1:15	530100	25.793	16.987	58.789	4121.706	4866.483	2.632	3.309	242.618	1.001	14.771
5/17/2017 1:30	531000	25.792	16.986	58.787	4121.728	4866.663	2.632	3.309	242.617	1.001	14.771
5/17/2017 1:45	531900	25.797	16.987	58.799	4122.172	4867.592	2.632	3.31	242.592	1.001	14.768
5/17/2017 2:00	532800	25.796	16.987	58.797	4122.42	4867.385	2.632	3.31	242.576	1.001	14.767
5/17/2017 2:15	533700	25.795	16.987	58.794	4123.245	4868.386	2.633	3.311	242.527	1.001	14.76
5/17/2017 2:30	534600	25.796	16.986	58.797	4123.958	4869.247	2.634	3.311	242.486	1.001	14.764
5/17/2017 2:45	535500	25.795	16.986	58.795	4123.451	4868.679	2.633	3.311	242.515	1.001	14.768
5/17/2017 3:00	536400	25.798	16.986	58.802	4124.751	4870.224	2.634	3.312	242.439	1.001	14.757
5/17/2017 3:15	537300	25.805	16.986	58.818	4126.345	4872.323	2.635	3.313	242.333	1.001	14.752
5/17/2017 3:30	538200	25.796	16.987	58.798	4126.622	4872.374	2.635	3.313	242.329	1.001	14.759
5/17/2017 3:45	539100	25.802	16.986	58.81	4127.625	4873.588	2.636	3.314	242.27	1.001	14.756
5/17/2017 4:00	540000	25.807	16.986	58.823	4128.195	4874.251	2.636	3.314	242.237	1.001	14.752
5/17/2017 4:15	540900	25.799	16.986	58.805	4129.145	4875.412	2.637	3.315	242.181	1.001	14.756
5/17/2017 4:30	541800	25.803	16.986	58.814	4130.379	4876.839	2.638	3.316	242.109	1.001	14.755
5/17/2017 4:45	542700	25.803	16.987	58.812	4130.943	4877.448	2.638	3.317	242.075	1.001	14.76
5/17/2017 5:00	543600	25.809	16.986	58.828	4131.254	4877.872	2.638	3.317	242.057	1.001	14.751
5/17/2017 5:15	544500	25.804	16.987	58.814	4132	4878.715	2.639	3.318	242.014	1.001	14.751
5/17/2017 5:30	545400	25.804	16.986	58.816	4133.138	4880.116	2.64	3.318	241.947	1.001	14.753
5/17/2017 5:45	546300	25.81	16.987	58.829	4133.179	4880.107	2.64	3.318	241.945	1.001	14.754
5/17/2017 6:00	547200	25.801	16.987	58.808	4133.257	4880.162	2.64</				

Report Date: 5/19/2017 8:55
Report User Name: AVanHaitsma
Report Computer Name: WKST34
Application: WinSitu.exe
Application Version: 5.6.25.0

Log File Properties
File Name: MPWSP TSW Trans 2_2017-05-18_08-36-58-285.wsl
Create Date: 5/18/2017 8:36

Device Properties
Device: Aqua TROLL 200
Site: MPWSP TSW Trans 2
Device Name:
Serial Number: 396433
Firmware Version: 2
Hardware Version: 3
Device Address: 1
Device Comm Cfg: 19200 8 Even 1 (Modbus-RTU)
Used Memory: 15
Used Battery: 2

Log Configuration
Log Name: MPWSP TSW Trans 2
Created By: ECrowWillard
Computer Name: NOTEBOOK02
Application: WinSitu.exe
Application Version: 5.6.25.0
Create Date: 4/9/2015 2:02:44 PM Pacific Daylight Time
Log Setup Time Zone: Pacific Daylight Time
Notes Size(bytes): 4096
Overwrite when full: Enabled
Scheduled Start Time: 4/9/2015 2:15:00 PM Pacific Daylight Time
Scheduled Stop Time: No Stop Time
Type: Linear
Interval: Days: 0 hrs: 00 mins: 15 secs: 00

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

Other Log Settings
Depth of Probe: 58.3934 (ft)
Head Pressure: 25.9227 (PSI)
Temperature: 17.0478 (C)
Specific Conductivity Model: Standard Methods
Reference Temperature: 25
Temperature Coefficient: 0.0191
TDS Factor: 0.68

Log Notes:
Date and Time Note
4/9/2015 14:02 Used Battery: 2% Used Memory: 18% User Name: ECrowWillard
4/10/2015 13:07 Log Download - Used Battery: 2% Used Memory: 18% User Name: ECrowWillard
4/17/2015 12:57 Log Download - Used Battery: 2% Used Memory: 18% User Name: AKieta
4/24/2015 10:48 Log Download - Used Battery: 2% Used Memory: 20% User Name: ECrowWillard
5/1/2015 14:10 Log Download - Used Battery: 2% Used Memory: 20% User Name: GSSI
5/7/2015 7:03 Log Download - Used Battery: 2% Used Memory: 21% User Name: ECrowWillard
5/15/2015 12:45 Log Download - Used Battery: 2% Used Memory: 21% User Name: BDuarte
5/19/2015 15:05 Log Download - Used Battery: 2% Used Memory: 21% User Name: CShaw
5/19/2015 15:12 Log Download - Used Battery: 2% Used Memory: 21% User Name: CShaw Interval - Start Time: 5/19/2015 3:00:00 PM
5/21/2015 18:52 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 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 Log Download - Used Battery: 2% Used Memory: 25% User Name: BDuarte
6/8/2015 7:00 Log Download - Used Battery: 2% Used Memory: 25% User Name: BDuarte
6/11/2015 15:11 Log Download - Used Battery: 2% Used Memory: 25% User Name: BDuarte Interval - Start Time: 6/8/2015 7:00:00 AM
6/18/2015 18:19 Log Download - Used Battery: 2% Used Memory: 26% User Name: CShaw
6/25/2015 18:26 Log Download - Used Battery: 2% Used Memory: 26% User Name: BDuarte Interval - Start Time: 6/11/2015 3:00:00 PM
7/2/2015 17:59 Log Download - Used Battery: 2% Used Memory: 28% User Name: CShaw
7/9/2015 7:33 Log Download - Used Battery: 3% Used Memory: 28% User Name: BDuarte
7/16/2015 17:49 Log Download - Used Battery: 3% Used Memory: 29% User Name: CShaw
7/23/2015 16:00 Log Download - Used Battery: 3% Used Memory: 29% User Name: KMakar
7/30/2015 9:14 Log Download - Used Battery: 3% Used Memory: 31% User Name: BDuarte Interval - Start Time: 7/9/2015 7:30:00 AM
8/6/2015 18:06 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 18:07 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 13:07 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 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 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 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 18:12 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 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 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 19:11 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 13:55 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 16:54 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 13:20 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 18:53 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 19:00 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 14:50 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 13:50 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 17:27 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 18:11 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 14:57 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 14:13 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 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 17:23 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 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 14:18 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 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 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 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 13:51 Log Download - Used Battery: 4% Used Memory: 51% User Name: KMakar Interval - Start Time: 1/18/2016 11:45:00 AM Stop Time: 1/28/2016 1:50:00 PM
2/4/2016 16:21 Log Download - Used Battery: 4% Used Memory: 53% User Name: CShaw Interval - Start Time: 12/31/2015 1:00:00 AM Stop Time: 2/4/2016 5:05:00 PM
2/11/2016 12:00 Log Download - Used Battery: 4% Used Memory: 54% User Name: CShaw Interval - Start Time: 2/2/2016 2:30:00 PM Stop Time: 2/11/2016 1:45:45 PM
2/18/2016 12:21 Log Download - Used Battery: 4% Used Memory: 54% User Name: CShaw Interval - Start Time: 2/4/2016 3:00:00 AM Stop Time: 2/18/2016 12:45:00 PM
2/25/2016 12:00 Log Download - Used Battery: 4% Used Memory: 56% User Name: KMakar Interval - Start Time: 2/15/2016 5:30:00 PM Stop Time: 2/25/2016 12:00:00 PM
3/3/2016 15:53 Log Download - Used Battery: 4% Used Memory: 56% User Name: SKuiper Interval - Start Time: 1/31/2016 12:00:01 AM Stop Time: 3/3/2016 4:35:00 PM
3/10/2016 8:38 Log Download - Used Battery: 4% Used Memory: 57% User Name: KMakar Interval - Start Time: 3/1/2016 12:00:00 PM Stop Time: 3/10/2016 8:30:00 AM
3/10/2016 8:48 Log Download - Used Battery: 4% Used Memory: 57% User Name: KMakar Interval - Start Time: 3/1/2016 12:00:00 PM Stop Time: 3/10/2016 8:45:00 AM
3/17/2016 17:25 Log Download - Used Battery: 4% Used Memory: 57% User Name: SKuiper Interval - Start Time: 3/8/2016 9:00:00 AM Stop Time: 3/17/2016 6:15:00 PM
3/24/2016 12:22 Log Download - Used Battery: 4% Used Memory: 59% User Name: KMakar Interval - Start Time: 3/15/2016 12:00:00 PM Stop Time: 3/24/2016 12:15:00 PM
3/31/2016 9:38 Log Download - Used Battery: 4% Used Memory: 59% User Name: SKuiper Interval - Start Time: 3/22/2016 12:00:00 PM Stop Time: 3/31/2016 10:30:00 AM
4/7/2016 12:16 Log Download - Used Battery: 4% Used Memory: 60% User Name: KMakar Interval - Start Time: 2/29/2016 5:00:00 PM Stop Time: 4/7/2016 12:15:00 PM
4/14/2016 17:22 Log Download - Used Battery: 4% Used Memory: 60% User Name: SKuiper Interval - Start Time: 4/5/2016 12:00:00 PM Stop Time: 4/14/2016 6:15:00 PM
4/21/2016 10:50 Log Download - Used Battery: 4% Used Memory: 62% User Name: ELinden Interval - Start Time: 4/12/2016 1:30:00 PM Stop Time: 4/21/2016 11:45:00 AM
4/28/2016 13:54 Log Download - Used Battery: 4% Used Memory: 62% User Name: KMakar Interval - Start Time: 4/19/2016 5:00:00 PM Stop Time: 4/28/2016 2:00:00 PM
5/5/2016 10:54 Log Download - Used Battery: 4% Used Memory: 64% User Name: SKuiper Interval - Start Time: 3/31/2016 12:00:00 PM Stop Time: 5/5/2016 11:30:00 AM

Log Data:
Record Count: 715

Sensors: 1
1 396433 PCTD 100 PSIG (70m/231ft)

Time Zone: Pacific Daylight Time

Date and Time	Elapsed Time Seconds	Sensor: PCTD(G) 231ft SN#: 396433 Pressure (PSI)	Sensor: PCTD(G) 231ft SN#: 396433 Temperature (C)	Sensor: PCTD(G) 231ft SN#: 396433 Depth (ft)	Sensor: PCTD(G) 231ft SN#: 396433 Actual Conductivity (µS)	Sensor: PCTD(G) 231ft SN#: 396433 Specific Conductivity (µS)	Sensor: PCTD(G) 231ft SN#: 396433 Salinity (PSU)	Sensor: PCTD(G) 231ft SN#: 396433 Total Dissolved Solids (ppt)	Sensor: PCTD(G) 231ft SN#: 396433 Resistivity (ohm-cm)	Sensor: PCTD(G) 231ft SN#: 396433 Water Density (g/cm3)	
5/11/2017 0:00		7200	10.26	14.989	23.112	32881.867	40655.609	26.041	27.646	30.412	1.019
5/11/2017 0:15		8100	10.213	14.989	23.005	32482.484	40161.805	25.692	27.31	30.786	1.019
5/11/2017 0:30		9000	10.234	14.989	23.054	31784.549	39298.539	25.082	26.723	31.462	1.018
5/11/2017 0:45		9900	10.136	14.989	22.833	32411.611	40073.93	25.63	27.25	30.853	1.019
5/11/2017 1:00		10800	10.146	14.988	22.856	33081.414	40902.852	26.217	27.814	30.228	1.019
5/11/2017 1:15		11700	10.19	14.988	22.954	32715.133	40450.477	25.896	27.506	30.567	1.019
5/11/2017 1:30		12600	10.206	14.988	22.99	32256.531	39883.77	25.495	27.121	31.001	1.019
5/11/2017 1:45		13500	10.123	14.988	22.802	32847.598	40614.004	26.012	27.618	30.444	1.019
5/11/2017 2:00		14400	10.087	14.987	22.722	33679.664	41643.59	26.742	28.318	29.692	1.02
5/11/2017 2:15		15300	10.084	14.989	22.715	32640.27	40356.645	25.83	27.443	30.637	1.019
5/11/2017 2:30		16200	10.044	14.988	22.626	32079.779	39665.152	25.341	26.972	31.172	1.019
5/11/2017 2:45		17100	10.006	14.988	22.54	32102.152	39692.48	25.36	26.991	31.151	1.019
5/11/2017 3:00		18000	10.004	14.988	22.535	33047.777	40862.109	26.188	27.786	30.259	1.019
5/11/2017 3:15		18900	10.051	14.988	22.64	32169.059	39775.285	25.419	27.047	31.086	1.019
5/11/2017 3:30		19800	10.023	14.934	22.577	36074.277	44660.297	28.894	30.369	27.721	1.021
5/11/2017 3:45		20700	9.964	14.948	22.446	36032.422	44593.684	28.847	30.324	27.753	1.021
5/11/2017 4:00		21600	9.96	14.965	22.436	36026.738	44569.555	28.831	30.307	27.757	1.021
5/11/2017 4:15		22500	9.995	14.978	22.514	35156.223	43479.223	28.051	29.566	28.444	1.021
5/11/2017 4:30		23400	9.893	14.98	22.285	33068.414	40894.824	26.21	27.808	30.24	1.019
5/11/2017 4:45		24300	9.995	14.98	22.515	32284.23	39924.797	25.524	27.149	30.975	1.019
5/11/2017 5:00		25200	9.883	14.984	22.263	33323.172	41206.426	26.432	28.02	30.009	1.019
5/11/2017 5:15		26100	9.895	14.984	22.288	32595.113	40305.707	25.793	27.408	30.679	1.019
5/11/2017 5:30		27000	9.891	14.983	22.279	31976.822	39542.156	25.254	26.889	31.273	1.018
5/11/2017 5:45		27900	9.925	14.985	22.358	32195.451	39810.594	25.443	27.071	31.06	1.019
5/11/2017 6:00		28800	9.912	14.985	22.328	32482.959	40166.594	25.695	27.313	30.785	1.019
5/11/2017 6:15		29700	9.892	14.95	22.282	36004.719	44557.816	28.822	30.299	27.774	1.021
5/11/2017 6:30		30600	9.832	14.96	22.148	36017.93	44563.703	28.826	30.303	27.764	1.021
5/11/2017 6:45		31500	9.835	14.981	22.154	35827.156	44305.465	28.643	30.128	27.912	1.021
5/11/2017 7:00		32400	9.839	14.979	22.164	35286.805	43639.445	28.165	29.675	28.339	1.021
5/11/2017 7:15		33300	9.866	14.98	22.225	32865.418	40643.867	26.033	27.638	30.427	1.019
5/11/2017 7:30		34200	9.894	14.982	22.288	32652.826	40379.102	25.845	27.458	30.625	1.019
5/11/2017 7:45		35100	9.883	14.984	22.262	32827.066	40592.355	25.996	27.603	30.463	1.019
5/11/2017 8:00		36000	9.844	14.872	22.174	32211.523	39937	25.526	27.157	31.045	1.019
5/11/2017 8:15		36900	9.868	14.979	22.228	32344.479	40000.648	25.977	27.2	30.917	1.019
5/11/2017 8:30		37800	9.879	14.986	22.253	32742.166	40485.766	25.521	27.53	30.542	1.019
5/11/2017 8:45		38700	9.916	14.985	22.337	31574.578	39042.691	24.902	26.549	31.671	1.018
5/11/2017 9:00		39600	9.866	14.987	22.223	32288.605	39924.27	25.524	27.149	30.971	1.019
5/11/2017 9:15		40500	9.994	14.988	22.512	31930.777	39480.832	25.211	26.847	31.318	1.018
5/11/2017 9:30		41400	9.982	14.988	22.485	31930.76	39480.477	25.211	26.847	31.318	1.018
5/11/2017 9:45		42300	9.904	14.987	22.31	31142.984	38507.086	24.525	26.185	32.11	1.018

5/11/2017 10:00	43200	9.897	14.935	22.294	36041.805	44619.805	28.865	30.341	27.746	1.021
5/11/2017 10:15	44100	9.928	14.949	22.365	36007.711	44562.559	28.825	30.303	27.772	1.021
5/11/2017 10:30	45000	9.972	14.969	22.463	35984.457	44512.859	28.791	30.269	27.779	1.021
5/11/2017 10:45	45900	9.949	14.985	22.412	35565.656	43977.945	28.408	29.905	28.117	1.021
5/11/2017 11:00	46800	10.021	14.983	22.573	34259.551	42365.484	27.256	28.809	29.189	1.02
5/11/2017 11:15	47700	9.996	14.985	22.518	32293.375	39931.68	25.529	27.154	30.966	1.019
5/11/2017 11:30	48600	10.018	14.987	22.566	32873.93	40647.332	26.035	27.64	30.419	1.019
5/11/2017 11:45	49500	9.993	14.989	22.511	32844.629	40609.148	26.008	27.614	30.446	1.019
5/11/2017 12:00	50400	9.985	14.99	22.493	33042.902	40853.691	26.182	27.781	30.264	1.019
5/11/2017 12:15	51300	9.996	14.99	22.517	32968.805	40762.25	26.117	27.718	30.332	1.019
5/11/2017 12:30	52200	10.021	14.991	22.573	32645.326	40361.121	25.833	27.446	30.632	1.019
5/11/2017 12:45	53100	9.948	14.99	22.408	31791.068	39305.867	25.088	26.728	31.455	1.018
5/11/2017 13:00	54000	9.935	14.991	22.38	33351.586	41234.648	26.452	28.04	29.984	1.019
5/11/2017 13:15	54900	9.939	14.991	22.389	31758.885	39265	25.059	26.7	31.487	1.018
5/11/2017 13:30	55800	10.022	14.992	22.576	31883.168	39418.09	25.167	26.804	31.365	1.018
5/11/2017 13:45	56700	9.938	14.993	22.386	31925.58	39469.77	25.203	26.839	31.323	1.018
5/11/2017 14:00	57600	9.967	14.942	22.451	35943.824	44490.848	28.773	30.254	27.821	1.021
5/11/2017 14:15	58500	9.927	14.956	22.361	35994.422	44538.445	28.808	30.286	27.782	1.021
5/11/2017 14:30	59400	9.94	14.973	22.39	35969.516	44489.996	28.774	30.253	27.801	1.021
5/11/2017 14:45	60300	10.072	14.989	22.689	35711.414	44154.195	28.535	30.025	28.002	1.021
5/11/2017 15:00	61200	9.913	14.985	22.33	33875.129	41887.906	26.916	28.484	29.52	1.02
5/11/2017 15:15	62100	9.945	14.989	22.403	32437.449	40106.043	25.652	27.272	30.829	1.019
5/11/2017 15:30	63000	9.959	14.991	22.434	30930.621	38241.301	24.339	26.004	32.33	1.018
5/11/2017 15:45	63900	9.98	14.992	22.481	32474.246	40148.34	25.683	27.301	30.794	1.019
5/11/2017 16:00	64800	9.847	14.992	22.181	31972.904	39529.438	25.245	26.88	31.276	1.018
5/11/2017 16:15	65700	9.83	14.992	22.143	31730.078	39228.898	25.033	26.676	31.516	1.018
5/11/2017 16:30	66600	9.962	14.992	22.441	32449.068	40117.809	25.661	27.28	30.818	1.019
5/11/2017 16:45	67500	9.912	14.994	22.328	32130.441	39722.7219	25.382	27.011	31.123	1.019
5/11/2017 17:00	68400	9.844	14.993	22.173	31809.588	39325.957	25.102	26.742	31.437	1.018
5/11/2017 17:15	69300	9.924	14.992	22.354	32037.193	39608.75	25.301	26.934	31.214	1.019
5/11/2017 17:30	70200	9.942	14.994	22.395	31508.836	38953.496	24.84	26.488	31.737	1.018
5/11/2017 17:45	71100	9.9	14.993	22.301	31096.467	38444.816	24.482	26.142	32.158	1.018
5/11/2017 18:00	72000	9.874	14.941	22.241	35976.383	44532.563	28.803	30.282	27.796	1.021
5/11/2017 18:15	72900	9.958	14.958	22.431	35950.723	44482.516	28.768	30.248	27.816	1.021
5/11/2017 18:30	73800	9.962	14.978	22.441	35940.813	44449.465	28.746	30.226	27.824	1.021
5/11/2017 18:45	74700	10	14.988	22.526	35089.148	43385.73	27.984	29.502	28.499	1.021
5/11/2017 19:00	75600	9.894	14.989	22.287	33507.355	41428.625	26.59	28.171	29.844	1.02
5/11/2017 19:15	76500	9.926	14.991	22.36	32396.037	40053.242	25.615	27.236	30.868	1.019
5/11/2017 19:30	77400	9.883	14.99	22.263	32116.793	39708.422	25.372	27.002	31.136	1.019
5/11/2017 19:45	78300	9.984	14.994	22.49	32877.902	40646.199	26.035	27.639	30.416	1.019
5/11/2017 20:00	79200	10.097	14.993	22.745	33061.813	40873.984	26.196	27.794	30.246	1.019
5/11/2017 20:15	80100	10.066	14.995	22.674	33753.762	41727.863	26.803	28.375	29.626	1.02
5/11/2017 20:30	81000	9.979	14.996	22.48	32439.674	40101.906	25.65	27.269	30.826	1.019
5/11/2017 20:45	81900	10.126	14.995	22.809	32271.898	39895.754	25.504	27.129	30.987	1.019
5/11/2017 21:00	82800	10.027	14.995	22.587	30980.584	38299.309	24.38	26.044	32.278	1.018
5/11/2017 21:15	83700	10.051	14.996	22.642	31721.035	39214.27	25.023	26.666	31.525	1.018
5/11/2017 21:30	84600	10.134	14.995	22.827	31368.059	38778.723	24.717	26.37	31.88	1.018
5/11/2017 21:45	85500	10.134	14.995	22.827	32136.729	39728.574	25.386	27.015	31.117	1.019
5/11/2017 22:00	86400	10.089	14.996	22.727	31561.328	39016.266	24.884	26.531	31.684	1.018
5/11/2017 22:15	87300	10.13	14.995	22.818	31578.289	39038.539	24.9	26.546	31.667	1.018
5/11/2017 22:30	88200	10.162	14.949	22.891	35910.574	44442.438	28.739	30.221	27.847	1.021
5/11/2017 22:45	89100	10.128	14.961	22.814	35922.734	44444.621	28.741	30.222	27.838	1.021
5/11/2017 23:00	90000	10.13	14.976	22.819	35942.047	44452.672	28.748	30.228	27.823	1.021
5/11/2017 23:15	90900	10.232	14.986	23.049	34997.68	43274.262	27.905	29.427	28.573	1.021
5/11/2017 23:30	91800	10.229	14.99	23.042	34999.508	43273.258	27.904	29.426	28.572	1.021
5/11/2017 23:45	92700	10.185	14.987	22.942	33530.809	41460.23	26.612	28.193	29.823	1.02
5/12/2017 0:00	93600	10.203	14.989	22.983	32513.93	40201.016	25.72	27.337	30.756	1.019
5/12/2017 0:15	94500	10.234	14.989	23.053	32364.611	40015.984	25.589	27.211	30.898	1.019
5/12/2017 0:30	95400	10.123	14.992	22.802	31983.688	39541.855	25.254	26.888	31.266	1.018
5/12/2017 0:45	96300	10.232	14.992	23.049	32905.848	40682.367	26.06	27.664	30.39	1.019
5/12/2017 1:00	97200	10.26	14.993	23.111	32804.715	40556.574	25.971	27.578	30.483	1.019
5/12/2017 1:15	98100	10.114	14.993	22.783	32663.172	40381.746	25.848	27.46	30.616	1.019
5/12/2017 1:30	99000	10.219	14.993	23.019	33000.719	40798.375	26.143	27.743	30.302	1.019
5/12/2017 1:45	99900	10.2	14.994	22.976	31595.625	39060.949	24.915	26.561	31.65	1.018
5/12/2017 2:00	100800	10.183	14.937	22.938	35910.125	44454.828	28.747	30.229	27.847	1.021
5/12/2017 2:15	101700	10.089	14.941	22.727	35914.926	44455.832	28.748	30.23	27.844	1.021
5/12/2017 2:30	102600	10.137	14.954	22.834	35961.352	44500.23	28.78	30.26	27.808	1.021
5/12/2017 2:45	103500	10.112	14.964	22.778	35922.586	44441.922	28.739	30.221	27.838	1.021
5/12/2017 3:00	104400	10.12	14.979	22.796	35915.797	44417.688	28.723	30.204	27.843	1.021
5/12/2017 3:15	105300	10.028	14.986	22.59	35103.594	43405.863	27.999	29.516	28.487	1.021
5/12/2017 3:30	106200	10.044	14.981	22.626	35778.453	44245.148	28.599	30.087	27.95	1.021
5/12/2017 3:45	107100	10.012	14.988	22.553	33349.188	41234.789	26.452	28.04	29.986	1.019
5/12/2017 4:00	108000	9.994	14.988	22.512	32296.494	39932.512	25.53	27.154	30.963	1.019
5/12/2017 4:15	108900	10.018	14.989	22.567	32210.564	39825.684	25.454	27.081	31.046	1.019
5/12/2017 4:30	109800	10.078	14.989	22.703	32383.539	40039.469	25.605	27.227	30.88	1.019
5/12/2017 4:45	110700	10.005	14.989	22.537	32554.75	40251.582	25.755	27.371	30.717	1.019
5/12/2017 5:00	111600	9.959	14.988	22.433	32064.848	39646.355	25.328	26.96	31.187	1.019
5/12/2017 5:15	112500	10.047	14.987	22.631	31717.24	39217.785	25.025	26.668	31.529	1.018
5/12/2017 5:30	113400	10.164	14.987	22.895	33132.18	40966.988	26.262	27.858	30.182	1.019
5/12/2017 5:45	114300	9.958	14.989	22.43	32210.4	39825.66	25.454	27.081	31.046	1.019
5/12/2017 6:00	115200	9.903	14.989	22.308	31227.967	38610.867	24.598	26.255	32.023	1.018
5/12/2017 6:15	116100	9.946	14.988	22.404	32270.633	39901.293	25.508	27.133	30.988	1.019
5/12/2017 6:30	117000	9.911	14.954	22.325	35877.773	44396.16	28.706	30.189	27.872	1.021
5/12/2017 6:45	117900	9.89	14.975	22.279	35937.918	44449.141	28.745	30.225	27.826	1.021
5/12/2017 7:00	118800	9.772	14.982	22.013	35661.02	44099.563	28.495	29.988	28.042	1.021
5/12/2017 7:15	119700	9.838	14.981	22.162	33589.77	41538.359	26.667	28.246	29.771	1.02
5/12/2017 7:30	120600	9.922	14.985	22.349	32073.504	39659.465	25.337	26.968	31.178	1.019
5/12/2017 7:45	121500	9.854	14.986	22.198	32992.102	40794.652	26.14	27.74	30.31	1.019
5/12/2017 8:00	122400	9.88	14.986	22.256	30658.486	37909.219	24.105	25.778	32.617	1.018
5/12/2017 8:15	123300	9.825	14.987	22.132	33033.813	40845.359	26.176	27.775	30.272	1.019
5/12/2017 8:30	124200	9.826	14.988	22.135	32404.34	40065.941				

5/13/2017 6:30	203400	9.953	14.987	22.42	33598.156	41542.988	26.671	28.249	29.764	1.02
5/13/2017 6:45	204300	9.874	14.99	22.241	31925.914	39472.422	25.205	26.841	31.323	1.018
5/13/2017 7:00	205200	9.793	14.991	22.06	31975.871	39533.527	25.248	26.883	31.274	1.018
5/13/2017 7:15	206100	9.791	14.992	22.055	32731.549	40466.449	25.908	27.517	30.552	1.019
5/13/2017 7:30	207000	9.875	14.992	22.244	31675.893	39161.488	24.986	26.63	31.57	1.018
5/13/2017 7:45	207900	9.843	14.993	22.172	32291.564	39922.324	25.523	27.147	30.968	1.019
5/13/2017 8:00	208800	9.827	14.992	22.136	31381.41	38797.504	24.73	26.382	31.866	1.018
5/13/2017 8:15	209700	9.912	14.994	22.327	32239.4	39857	25.477	27.103	31.018	1.019
5/13/2017 8:30	210600	9.801	14.942	22.077	35853.879	44379.152	28.693	30.178	27.891	1.021
5/13/2017 8:45	211500	9.771	14.964	22.01	35859.344	44363.402	28.683	30.167	27.887	1.021
5/13/2017 9:00	212400	9.795	14.982	22.064	35832.094	44310.277	28.646	30.131	27.908	1.021
5/13/2017 9:15	213300	9.815	14.986	22.11	34936.402	43198.578	27.85	29.375	28.623	1.02
5/13/2017 9:30	214200	9.845	14.989	22.176	32345.996	39992.969	25.573	27.195	30.916	1.019
5/13/2017 9:45	215100	9.734	14.992	21.926	32296.473	39929.477	25.528	27.152	30.963	1.019
5/13/2017 10:00	216000	9.832	14.992	22.148	31640.865	39118.438	24.956	26.601	31.605	1.018
5/13/2017 10:15	216900	9.83	14.993	22.144	31769.998	39276.93	25.067	26.708	31.476	1.018
5/13/2017 10:30	217800	9.878	14.995	22.251	31590.352	39053.277	24.91	26.556	31.655	1.018
5/13/2017 10:45	218700	9.816	14.994	22.112	31637.813	39112.945	24.952	26.597	31.608	1.018
5/13/2017 11:00	219600	9.883	14.995	22.261	31506.863	38949.988	24.837	26.486	31.739	1.018
5/13/2017 11:15	220500	9.892	14.978	22.282	35848.387	44335.078	28.664	30.148	27.895	1.021
5/13/2017 11:30	221400	9.788	14.991	22.048	35255.383	43587.984	28.129	29.64	28.364	1.021
5/13/2017 11:45	222300	9.932	14.99	22.374	34922.016	43177.086	27.835	29.36	28.635	1.02
5/13/2017 12:00	223200	9.918	14.999	22.341	33425.656	41327.098	26.518	28.102	29.917	1.019
5/13/2017 12:15	224100	9.88	14.993	22.255	32154.473	39752.25	25.403	27.032	31.1	1.019
5/13/2017 12:30	225000	9.874	14.995	22.241	33250.266	41104.91	26.36	27.951	30.075	1.019
5/13/2017 12:45	225900	9.905	14.997	22.313	31576.951	39034.504	24.897	26.543	31.669	1.018
5/13/2017 13:00	226800	9.902	14.944	22.306	35844.125	44365.867	28.683	30.169	27.899	1.021
5/13/2017 13:15	227700	9.879	14.953	22.253	35850.547	44364.227	28.683	30.168	27.894	1.021
5/13/2017 13:30	228600	9.858	14.965	22.207	35813.984	44306.352	28.642	30.128	27.922	1.021
5/13/2017 13:45	229500	9.927	14.997	22.361	35655.836	44077.082	28.48	29.972	28.046	1.021
5/13/2017 14:00	230400	9.843	14.996	22.172	34188.621	42263.855	27.184	28.739	29.249	1.02
5/13/2017 14:15	231300	9.893	14.997	22.286	31578.176	39035.941	24.898	26.544	31.667	1.018
5/13/2017 14:30	232200	9.918	14.999	22.341	32526.885	40207.613	25.725	27.341	30.744	1.019
5/13/2017 14:45	233100	9.902	14.998	22.305	32318.814	39951.164	25.544	27.167	30.942	1.019
5/13/2017 15:00	234000	9.866	14.999	22.224	31851.748	39372.887	25.135	26.774	31.395	1.018
5/13/2017 15:15	234900	9.935	14.999	22.379	31685.529	39167.34	24.99	26.634	31.56	1.018
5/13/2017 15:30	235800	9.901	14.969	22.303	35811.383	44298.766	28.637	30.123	27.924	1.021
5/13/2017 15:45	236700	9.867	14.996	22.226	35627.34	44042.5	28.455	29.949	28.068	1.021
5/13/2017 16:00	237600	9.884	14.997	22.264	33916.59	41927.059	26.944	28.51	29.484	1.02
5/13/2017 16:15	238500	9.934	14.998	22.377	31562.4	39016.199	24.884	26.531	31.683	1.018
5/13/2017 16:30	239400	9.883	14.997	22.262	31998.018	39554.938	25.264	26.897	31.252	1.018
5/13/2017 16:45	240300	9.894	15	22.288	32529.771	40209.496	25.726	27.342	30.741	1.019
5/13/2017 17:00	241200	9.857	14.999	22.204	32088.094	39664.703	25.341	26.972	31.164	1.019
5/13/2017 17:15	242100	9.866	14.999	22.223	31401.271	38815.961	24.743	26.395	31.846	1.018
5/13/2017 17:30	243000	9.899	14.998	22.297	31659.285	39135.465	24.968	26.612	31.586	1.018
5/13/2017 17:45	243900	9.82	14.976	22.121	35802.344	44279.891	28.624	30.11	27.931	1.021
5/13/2017 18:00	244800	9.887	14.994	22.27	35585.465	43992.985	28.419	29.915	28.101	1.021
5/13/2017 18:15	245700	9.923	14.998	22.353	32572.363	40264.59	25.765	27.38	30.701	1.019
5/13/2017 18:30	246600	9.9	14.951	22.301	35808.605	44314.102	28.647	30.134	27.926	1.021
5/13/2017 18:45	247500	9.871	14.963	22.236	35811.93	44305.582	28.641	30.128	27.924	1.021
5/13/2017 19:00	248400	9.917	14.953	22.338	35804.797	44307.16	28.642	30.129	27.929	1.021
5/13/2017 19:15	249300	9.917	14.97	22.339	35844.016	44337.941	28.665	30.15	27.899	1.021
5/13/2017 19:30	250200	9.932	14.997	22.373	34220.086	42302.234	27.212	28.766	29.223	1.02
5/13/2017 19:45	251100	9.931	14.999	22.371	31861.754	39384.68	25.144	26.782	31.386	1.018
5/13/2017 20:00	252000	9.986	14.999	22.495	32954.035	40735.031	26.098	27.7	30.345	1.019
5/13/2017 20:15	252900	9.984	14.999	22.49	32053.111	39621.539	25.311	26.943	31.198	1.019
5/13/2017 20:30	253800	9.872	14.999	22.238	32520.939	40199.586	25.719	27.336	30.749	1.019
5/13/2017 20:45	254700	9.928	14.944	22.364	35834.281	44353.684	28.675	30.161	27.906	1.021
5/13/2017 21:00	255600	10.042	14.955	22.62	35851.426	44362.523	28.682	30.167	27.893	1.021
5/13/2017 21:15	256500	9.976	14.967	22.471	35832.855	44327.004	28.657	30.142	27.907	1.021
5/13/2017 21:30	257400	9.978	14.974	22.477	35798.793	44277.906	28.622	30.109	27.934	1.021
5/13/2017 21:45	258300	9.967	14.974	22.451	35806.754	44287.387	28.629	30.115	27.928	1.021
5/13/2017 22:00	259200	9.963	14.998	22.443	35601.715	44009.348	28.431	29.926	28.089	1.021
5/13/2017 22:15	260100	10.03	14.997	22.593	34189.98	42264.75	27.185	28.74	29.248	1.02
5/13/2017 22:30	261000	10.058	15	22.656	32967.895	40751.551	26.11	27.711	30.333	1.019
5/13/2017 22:45	261900	10.104	14.999	22.759	33081.43	40892.668	26.21	27.807	30.228	1.019
5/13/2017 23:00	262800	10.059	15.001	22.66	32645.5	40352.121	25.827	27.439	30.632	1.019
5/13/2017 23:15	263700	10.073	15	22.689	33199.91	41038.105	26.313	27.906	30.121	1.019
5/13/2017 23:30	264600	10.098	15.001	22.747	32606.91	40304.594	25.794	27.407	30.668	1.019
5/13/2017 23:45	265500	10.028	15	22.589	32408.189	40059.125	25.62	27.24	30.856	1.019
5/14/2017 0:00	266400	10.091	15	22.731	33273.926	41129.594	26.378	27.968	30.054	1.019
5/14/2017 0:15	267300	10.092	15	22.733	32107.063	39687.746	25.358	26.988	31.146	1.019
5/14/2017 0:30	268200	10.102	14.999	22.755	33175.723	41008.891	26.292	27.886	30.143	1.019
5/14/2017 0:45	269100	10.154	14.998	22.872	33034.633	40835.859	26.17	27.768	30.271	1.019
5/14/2017 1:00	270000	10.095	14.999	22.74	32211.086	39817.328	25.449	27.076	31.045	1.019
5/14/2017 1:15	270900	10.178	14.998	22.926	33142.406	40969.082	26.264	27.859	30.173	1.019
5/14/2017 1:30	271800	10.16	14.997	22.886	33213.918	41058.34	26.327	27.92	30.108	1.019
5/14/2017 1:45	272700	10.071	14.998	22.686	32720.787	40447.898	25.895	27.505	30.562	1.019
5/14/2017 2:00	273600	10.074	14.998	22.693	31527.566	38973.141	24.854	26.502	31.718	1.018
5/14/2017 2:15	274500	10.048	14.998	22.634	32261.01	39879.707	25.493	27.118	30.997	1.019
5/14/2017 2:30	275400	10.184	14.998	22.941	31955.961	39502.453	25.227	26.862	31.293	1.018
5/14/2017 2:45	276300	10.112	14.998	22.779	32552.463	40239.902	25.748	27.363	30.72	1.019
5/14/2017 3:00	277200	10.085	14.997	22.717	31948.57	39494.059	25.221	26.856	31.3	1.018
5/14/2017 3:15	278100	9.974	14.963	22.468	35850.832	44353.809	28.676	30.161	27.893	1.021
5/14/2017 3:30	279000	10.067	14.978	22.676	35862.078	44352.008	28.676	30.159	27.885	1.021
5/14/2017 3:45	279900	10.058	14.994	22.656	35534.66	43930.871	28.375	29.873	28.142	1.021
5/14/2017 4:00	280800	10.029	14.993	22.592	35618.68	44035.664	28.45	29.944	28.075	1.021
5/14/2017 4:15	281700	9.968	14.992	22.454	33580.063	41515.836	26.652	28.231	29.78	1.02
5/14/2017 4:30	282600	10.015	14.992	22.559	32649.074	40364.648	25.836	27.448	30.629	1.019
5/14/2017 4:45	283500	9.971	14.992	22.46	32052.191	39627.059	25.314	26.946	31.199	1.019
5/14/2017 5:00	284400	9.992	14.994	22.508						

5/15/2017 3:00	363600	9.96	15.001	22.436	31730.082	39220.77	25.028	26.67	31.516	1.018
5/15/2017 3:15	364500	9.928	15.001	22.363	32589.75	40282.961	25.778	27.392	30.684	1.019
5/15/2017 3:30	365400	9.941	15.001	22.392	31311.313	38702.816	24.664	26.318	31.937	1.018
5/15/2017 3:45	366300	9.932	15.001	22.373	31905.172	39436.863	25.181	26.817	31.343	1.018
5/15/2017 4:00	367200	9.887	14.958	22.272	35765.223	44252.895	28.603	30.092	27.96	1.021
5/15/2017 4:15	368100	9.874	14.968	22.242	35783.531	44265.523	28.613	30.101	27.946	1.021
5/15/2017 4:30	369000	9.906	14.985	22.315	35783.73	44248.242	28.602	30.089	27.946	1.021
5/15/2017 4:45	369900	9.962	14.994	22.441	34784.672	43003.133	27.711	29.242	28.748	1.02
5/15/2017 5:00	370800	9.816	14.991	22.112	33330.195	41207.688	26.433	28.021	30.003	1.019
5/15/2017 5:15	371700	9.848	14.993	22.183	31993.682	39553.465	25.262	26.896	31.256	1.018
5/15/2017 5:30	372600	9.767	14.995	22	31896.84	39432.59	25.177	26.814	31.351	1.018
5/15/2017 5:45	373500	9.823	14.997	22.126	31618.102	39086.109	24.933	26.579	31.627	1.018
5/15/2017 6:00	374400	9.734	14.996	21.927	31828.568	39346.793	25.117	26.756	31.418	1.018
5/15/2017 6:15	375300	9.7	14.995	21.85	31555.523	39010.07	24.879	26.527	31.69	1.018
5/15/2017 6:30	376200	9.751	14.996	21.965	31879.688	39410.398	25.162	26.799	31.368	1.018
5/15/2017 6:45	377100	9.744	14.945	21.949	35789.176	44296.648	28.634	30.122	27.941	1.021
5/15/2017 7:00	378000	9.778	14.963	22.026	35829.844	44328.211	28.658	30.143	27.91	1.021
5/15/2017 7:15	378900	9.652	14.982	21.742	35779.285	44244.977	28.599	30.087	27.949	1.021
5/15/2017 7:30	379800	9.764	14.988	21.994	34545.227	42712.754	27.504	29.045	28.948	1.02
5/15/2017 7:45	380700	9.655	14.946	21.748	35789.008	44294.582	28.632	30.12	27.942	1.021
5/15/2017 8:00	381600	9.674	14.95	21.791	35810.746	44317.676	28.649	30.136	27.925	1.021
5/15/2017 8:15	382500	9.558	14.958	21.529	35806.914	44304.578	28.64	30.127	27.928	1.021
5/15/2017 8:30	383400	9.561	14.992	21.536	35721.246	44163.574	28.542	30.031	27.995	1.021
5/15/2017 8:45	384300	9.531	14.99	21.468	32953.125	40742.949	26.103	27.705	30.346	1.019
5/15/2017 9:00	385200	9.662	14.939	21.764	35808.508	44326.715	28.655	30.142	27.926	1.021
5/15/2017 9:15	386100	9.588	14.944	21.598	35806.227	44318.414	28.649	30.137	27.928	1.021
5/15/2017 9:30	387000	9.557	14.945	21.527	35808.289	44320.305	28.651	30.138	27.926	1.021
5/15/2017 9:45	387900	9.54	14.99	21.491	35718.414	44161.273	28.54	30.03	27.997	1.021
5/15/2017 10:00	388800	9.519	14.992	21.441	33693.813	41657.066	26.752	28.327	29.679	1.02
5/15/2017 10:15	389700	9.593	14.94	21.61	35809.746	44327.137	28.655	30.142	27.925	1.021
5/15/2017 10:30	390600	9.6	14.947	21.625	35793.996	44300.285	28.637	30.124	27.938	1.021
5/15/2017 10:45	391500	9.57	14.941	21.558	35827.73	44348.188	28.671	30.157	27.911	1.021
5/15/2017 11:00	392400	9.605	14.95	21.637	35759.23	44254.109	28.604	30.093	27.965	1.021
5/15/2017 11:15	393300	9.558	14.992	21.531	34071.441	42123.059	27.084	28.644	29.35	1.02
5/15/2017 11:30	394200	9.591	14.994	21.604	31237.725	38618.328	24.604	26.26	32.013	1.018
5/15/2017 11:45	395100	9.616	14.937	21.66	35815.059	44336.492	28.662	30.149	27.921	1.021
5/15/2017 12:00	396000	9.666	14.944	21.773	35790.148	44298.785	28.635	30.123	27.941	1.021
5/15/2017 12:15	396900	9.601	14.941	21.626	35805.504	44320.766	28.651	30.138	27.929	1.021
5/15/2017 12:30	397800	9.603	14.992	21.631	34696.59	42896.031	27.635	29.169	28.821	1.02
5/15/2017 12:45	398700	9.676	14.995	21.795	33474.77	41382.617	26.557	28.14	29.873	1.019
5/15/2017 13:00	399600	9.656	14.998	21.75	32098.129	39678.523	25.351	26.981	31.154	1.019
5/15/2017 13:15	400500	9.652	14.943	21.743	34744.734	44242.941	28.595	30.085	27.976	1.021
5/15/2017 13:30	401400	9.691	14.951	21.83	35770.07	44266.219	28.612	30.101	27.956	1.021
5/15/2017 13:45	402300	9.627	14.949	21.685	35737.375	44228.176	28.585	30.075	27.982	1.021
5/15/2017 14:00	403200	9.588	14.997	21.597	34928.426	43178.051	27.836	29.361	28.63	1.02
5/15/2017 14:15	404100	9.601	14.997	21.628	33383.336	41267.504	26.476	28.062	29.955	1.019
5/15/2017 14:30	405000	9.667	14.998	21.775	31166.891	38526.793	24.54	26.198	32.085	1.018
5/15/2017 14:45	405900	9.636	14.999	21.706	31733.57	39226.805	25.032	26.674	31.512	1.018
5/15/2017 15:00	406800	9.572	14.955	21.562	35781.68	44276.785	28.62	30.108	27.947	1.021
5/15/2017 15:15	407700	9.702	14.973	21.855	35713.426	44172.977	28.547	30.038	28.001	1.021
5/15/2017 15:30	408600	9.652	14.964	21.743	35746.07	44223.449	28.583	30.072	27.975	1.021
5/15/2017 15:45	409500	9.702	14.999	21.855	34397.402	42519.738	27.367	28.913	29.072	1.02
5/15/2017 16:00	410400	9.746	15	21.953	32791.516	40533.125	25.955	27.563	30.496	1.019
5/15/2017 16:15	411300	9.687	15.001	21.821	32038.352	39601.152	25.297	26.929	31.213	1.019
5/15/2017 16:30	412200	9.711	15.003	21.874	32469.529	40132.09	25.672	27.29	30.798	1.019
5/15/2017 16:45	413100	9.666	15.003	21.774	31807.016	39313.723	25.094	26.733	31.44	1.018
5/15/2017 17:00	414000	9.657	15.006	21.752	31567.887	39015.293	24.884	26.53	31.678	1.018
5/15/2017 17:15	414900	9.68	14.967	21.805	35780.758	44262.379	28.611	30.098	27.948	1.021
5/15/2017 17:30	415800	9.68	14.989	21.804	35739.32	44188.602	28.559	30.048	27.98	1.021
5/15/2017 17:45	416700	9.702	15.002	21.855	35465.719	43837.008	28.308	29.809	28.196	1.021
5/15/2017 18:00	417600	9.755	15.002	21.973	33430.648	41321.492	26.514	28.099	29.913	1.019
5/15/2017 18:15	418500	9.75	15.004	21.962	31359.42	38759.109	24.703	26.356	31.888	1.018
5/15/2017 18:30	419400	9.68	15.004	21.805	31836.566	39348.848	25.119	26.757	31.41	1.018
5/15/2017 18:45	420300	9.659	14.96	21.757	35746.969	44227.895	28.586	30.075	27.974	1.021
5/15/2017 19:00	421200	9.736	14.986	21.93	35774.156	44234.742	28.592	30.08	27.953	1.021
5/15/2017 19:15	422100	9.706	15.003	21.863	33783.395	41756.281	26.823	28.394	29.6	1.02
5/15/2017 19:30	423000	9.611	15.005	21.651	32309.127	39932.742	25.531	27.154	30.951	1.019
5/15/2017 19:45	423900	9.734	15.006	21.927	31031.416	38352.586	24.418	26.08	32.225	1.018
5/15/2017 20:00	424800	9.79	15.006	22.054	32942.117	40713.313	26.083	27.685	30.356	1.019
5/15/2017 20:15	425700	9.815	15.006	22.11	30454.055	37638.77	23.917	25.594	32.836	1.017
5/15/2017 20:30	426600	9.788	15.007	22.05	31101.449	38437.617	24.477	26.138	32.153	1.018
5/15/2017 20:45	427500	9.693	14.968	21.833	35761.27	44237.34	28.593	30.081	27.963	1.021
5/15/2017 21:00	428400	9.724	14.993	21.905	35708.125	44145.508	28.529	30.019	28.005	1.021
5/15/2017 21:15	429300	9.703	15.004	21.858	33547.195	41463.473	26.615	28.195	29.809	1.02
5/15/2017 21:30	430200	9.775	15.006	22.018	32279.547	39894.602	25.504	27.128	30.979	1.019
5/15/2017 21:45	431100	9.721	15.008	21.898	30880.932	38164.215	24.285	25.952	32.382	1.018
5/15/2017 22:00	432000	9.706	15.008	21.863	32024.9	39578.473	25.281	26.913	31.226	1.018
5/15/2017 22:15	432900	9.819	15.008	22.119	32558.447	40237.371	25.746	27.361	30.714	1.019
5/15/2017 22:30	433800	9.766	15.009	21.999	31391.615	38795.082	24.729	26.381	31.856	1.018
5/15/2017 22:45	434700	9.815	14.969	22.11	35742.762	44213.523	28.576	30.065	27.978	1.021
5/15/2017 23:00	435600	9.846	14.995	22.18	35713.406	44150.191	28.532	30.022	28.001	1.021
5/15/2017 23:15	436500	9.793	15.006	22.06	33865.73	41855.77	26.894	28.462	29.528	1.02
5/15/2017 23:30	437400	9.906	15.008	22.315	32672.9	40378.895	25.847	27.458	30.606	1.019
5/15/2017 23:45	438300	9.823	15.01	22.126	31986.115	39528.559	25.246	26.879	31.264	1.018
5/16/2017 0:00	439200	9.822	15.01	22.126	32639.85	40336.184	25.816	27.429	30.637	1.019
5/16/2017 0:15	440100	9.859	15.011	22.208	32406.791	40047.5	25.612	27.232	30.858	1.019
5/16/2017 0:30	441000	9.841	15.013	22.168	31870.492	39383.281	25.143	26.781	31.377	1.018
5/16/2017 0:45	441900	9.871	15.011	22.236	31716.367	39194.129	25.01	26.652	31.529	1.018
5/16/2017 1:00	442800	9.841	15.012	22.168	30938.711	38232.086	24.333	25.998	32.322	1.018
5/16/2017 1:15	443700	9.91	15.012	22.324	31541.777	38977.238	24.857	26.505	31.704	1.018
5/16/2017 1:30	444600	9.87	14.996	22.234	35703.957</					

5/16/2017 23:30	523800	9.795	15.02	22.063	32784.254	40504.895	25.936	27.543	30.502	1.019
5/16/2017 23:45	524700	9.734	15.022	21.926	32058.969	39607.641	25.302	26.933	31.193	1.019
5/17/2017 0:00	525600	9.745	15.022	21.952	31575.682	39010.559	24.881	26.527	31.67	1.018
5/17/2017 0:15	526500	9.751	15.024	21.965	31106.906	38429.484	24.473	26.132	32.147	1.018
5/17/2017 0:30	527400	9.75	14.986	21.962	35627.094	44053.266	28.462	29.956	28.069	1.021
5/17/2017 0:45	528300	9.751	15.008	21.966	35606.395	44004.082	28.428	29.923	28.085	1.021
5/17/2017 1:00	529200	9.839	15.02	22.163	35465.184	43817.531	28.295	29.796	28.197	1.021
5/17/2017 1:15	530100	9.754	15.019	21.972	33439.004	41315.645	26.511	28.095	29.905	1.019
5/17/2017 1:30	531000	9.755	15.021	21.973	31560.672	38992.5	24.869	26.515	31.685	1.018
5/17/2017 1:45	531900	9.737	15.023	21.933	32687.242	40383	25.85	27.46	30.593	1.019
5/17/2017 2:00	532800	9.794	15.024	22.062	31706.564	39169.875	24.994	26.636	31.539	1.018
5/17/2017 2:15	533700	9.77	15.023	22.008	32181.105	39757.039	25.408	27.035	31.074	1.019
5/17/2017 2:30	534600	9.846	14.983	22.18	35670.496	44109.891	28.502	29.995	28.034	1.021
5/17/2017 2:45	535500	9.776	15.008	22.022	35626.957	44029.59	28.447	29.94	28.069	1.021
5/17/2017 3:00	536400	9.792	15.022	22.058	35367.445	43694.77	28.208	29.712	28.275	1.021
5/17/2017 3:15	537300	9.824	15.021	22.129	33728.746	41670.941	26.764	28.336	29.648	1.02
5/17/2017 3:30	538200	9.824	15.022	22.13	31885.113	39392.273	25.15	26.787	31.363	1.018
5/17/2017 3:45	539100	9.841	15.023	22.167	33112.461	40907.91	26.222	27.817	30.2	1.019
5/17/2017 4:00	540000	9.765	15.024	21.996	32353.23	39969.191	25.558	27.179	30.909	1.019
5/17/2017 4:15	540900	9.795	14.989	22.063	35622.219	44043.91	28.456	29.95	28.072	1.021
5/17/2017 4:30	541800	9.832	15.004	22.147	35620.359	44025.945	28.444	29.938	28.074	1.021
5/17/2017 4:45	542700	9.84	15.021	22.165	35406.242	43743.984	28.243	29.746	28.244	1.021
5/17/2017 5:00	543600	9.771	15.02	22.01	33740.48	41686.836	26.775	28.347	29.638	1.02
5/17/2017 5:15	544500	9.841	15.021	22.168	31306.465	38678.113	24.647	26.301	31.942	1.018
5/17/2017 5:30	545400	9.801	15.024	22.078	31371.496	38756.512	24.703	26.354	31.876	1.018
5/17/2017 5:45	546300	9.775	15.024	22.018	31145.41	38476.477	24.506	26.164	32.107	1.018
5/17/2017 6:00	547200	9.807	14.984	22.091	35640.395	44071.93	28.475	29.969	28.058	1.021
5/17/2017 6:15	548100	9.811	15.006	22.1	35613.395	44015.766	28.436	29.931	28.079	1.021
5/17/2017 6:30	549000	9.741	15.019	21.943	35388.867	43724.801	28.229	29.733	28.257	1.021
5/17/2017 6:45	549900	9.802	15.02	22.08	32467.27	40113.852	25.66	27.277	30.8	1.019
5/17/2017 7:00	550800	9.662	14.975	21.766	35673.293	44121.383	28.51	30.003	28.032	1.021
5/17/2017 7:15	551700	9.679	15.003	21.803	35656.57	44071.988	28.477	29.969	28.045	1.021
5/17/2017 7:30	552600	9.627	15.016	21.686	35224.852	43525.254	28.086	29.597	28.389	1.021
5/17/2017 7:45	553500	9.679	15.016	21.804	32450.689	40096.875	25.648	27.266	30.816	1.019
5/17/2017 8:00	554400	9.606	15.019	21.637	31049.203	38362.602	24.425	26.087	32.207	1.018
5/17/2017 8:15	555300	9.6	14.963	21.625	35670.664	44130.996	28.516	30.009	28.034	1.021
5/17/2017 8:30	556200	9.513	14.968	21.43	35618.328	44060.887	28.466	29.961	28.075	1.021
5/17/2017 8:45	557100	9.553	14.964	21.519	35659.703	44115.949	28.506	29.999	28.043	1.021
5/17/2017 9:00	558000	9.466	14.991	21.324	35562.031	43967.109	28.401	29.898	28.12	1.021
5/17/2017 9:15	558900	9.536	15.017	21.481	34447.125	42562.84	27.399	28.943	29.03	1.02
5/17/2017 9:30	559800	9.535	15.017	21.479	32474.666	40125.254	25.668	27.285	30.793	1.019
5/17/2017 9:45	560700	9.452	14.963	21.291	35643.742	44097.133	28.492	29.986	28.055	1.021
5/17/2017 10:00	561600	9.526	14.967	21.457	35658.48	44111.949	28.503	29.996	28.044	1.021
5/17/2017 10:15	562500	9.505	14.993	21.411	35685.133	44117.082	28.508	30	28.023	1.021
5/17/2017 10:30	563400	9.43	15.017	21.241	33553.066	41458.223	26.612	28.192	29.804	1.02
5/17/2017 10:45	564300	9.53	15.018	21.467	32069.408	39623.52	25.313	26.944	31.182	1.019
5/17/2017 11:00	565200	9.554	14.967	21.52	35653.867	44106.242	28.499	29.992	28.047	1.021
5/17/2017 11:15	566100	9.447	14.965	21.279	35668.688	44126.516	28.513	30.006	28.036	1.021
5/17/2017 11:30	567000	9.485	14.972	21.365	35652.465	44099.418	28.494	29.988	28.049	1.021
5/17/2017 11:45	567900	9.489	14.985	21.374	35704.797	44150.637	28.532	30.022	28.007	1.021
5/17/2017 12:00	568800	9.511	15.018	21.425	34152.563	42197.902	27.139	28.695	29.28	1.02
5/17/2017 12:15	569700	9.486	15.018	21.367	31614.986	39062.953	24.918	26.563	31.631	1.018
5/17/2017 12:30	570600	9.487	14.966	21.371	35624.523	44070.953	28.473	29.968	28.071	1.021
5/17/2017 12:45	571500	9.433	14.972	21.25	35657.141	44105.199	28.498	29.992	28.045	1.021
5/17/2017 13:00	572400	9.546	15.017	21.502	34178.191	42230.105	27.161	28.716	29.258	1.02
5/17/2017 13:15	573300	9.527	15.019	21.462	32364.703	39987.711	25.571	27.192	30.898	1.019
5/17/2017 13:30	574200	9.566	14.979	21.549	35639.629	44075.594	28.478	29.971	28.059	1.021
5/17/2017 13:45	575100	9.497	15.011	21.394	35648.656	44053.352	28.464	29.956	28.052	1.021
5/17/2017 14:00	576000	9.511	15.019	21.423	33465.727	41348.234	26.534	28.117	29.881	1.019
5/17/2017 14:15	576900	9.468	15.02	21.327	31522.596	38946.195	24.836	26.483	31.723	1.018
5/17/2017 14:30	577800	9.613	14.968	21.655	35617.715	44060.594	28.466	29.961	28.076	1.021
5/17/2017 14:45	578700	9.564	14.976	21.543	35611.309	44044.078	28.455	29.95	28.081	1.021
5/17/2017 15:00	579600	9.542	14.97	21.494	35630.539	44074.051	28.476	29.97	28.066	1.021
5/17/2017 15:15	580500	9.581	14.984	21.582	35643.289	44074.949	28.477	29.971	28.056	1.021
5/17/2017 15:30	581400	9.647	14.986	21.731	35674.738	44112.266	28.504	29.996	28.031	1.021
5/17/2017 15:45	582300	9.57	15.021	21.558	34212.797	42269.684	27.19	28.743	29.229	1.02
5/17/2017 16:00	583200	9.545	15.024	21.502	32910.434	40657.121	26.045	27.647	30.385	1.019
5/17/2017 16:15	584100	9.598	14.969	21.62	35620.137	44061.922	28.467	29.962	28.074	1.021
5/17/2017 16:30	585000	9.547	14.979	21.505	35603.922	44031.156	28.446	29.941	28.087	1.021
5/17/2017 16:45	585900	9.647	14.988	21.732	35606.852	44026.016	28.443	29.938	28.084	1.021
5/17/2017 17:00	586800	9.67	14.981	21.784	35588.301	44010.461	28.431	29.927	28.099	1.021
5/17/2017 17:15	587700	9.627	15.025	21.687	35466.797	43813.941	28.293	29.793	28.195	1.021
5/17/2017 17:30	588600	9.675	15.025	21.794	34082.398	42104.254	27.072	28.631	29.341	1.02
5/17/2017 17:45	589500	9.671	15.026	21.785	32859.684	40592.391	25.999	27.603	30.432	1.019
5/17/2017 18:00	590400	9.573	15.027	21.563	32189.717	39764.102	25.413	27.04	31.066	1.019
5/17/2017 18:15	591300	9.622	15.027	21.675	33279.926	41110.484	26.366	27.955	30.048	1.019
5/17/2017 18:30	592200	9.692	15.029	21.832	31962.682	39481.656	25.214	26.848	31.846	1.018
5/17/2017 18:45	593100	9.676	15.029	21.795	31796.615	39276.281	25.069	26.708	31.45	1.018
5/17/2017 19:00	594000	9.614	15.031	21.657	30872.959	38134.074	24.265	25.931	32.391	1.018
5/17/2017 19:15	594900	9.684	14.998	21.815	35602.336	44009.465	28.432	29.926	28.088	1.021
5/17/2017 19:30	595800	9.654	15.026	21.747	35301.402	43608.891	28.146	29.654	28.327	1.021
5/17/2017 19:45	596700	9.632	15.027	21.696	33807.738	41763.188	26.83	28.399	29.579	1.02
5/17/2017 20:00	597600	9.655	15.029	21.75	32242.357	39827.715	25.458	27.083	31.015	1.019
5/17/2017 20:15	598500	9.682	15.029	21.809	31380.082	38761.922	24.707	26.358	31.867	1.018
5/17/2017 20:30	599400	9.619	15.03	21.668	32187.398	39758.41	25.409	27.036	31.068	1.019
5/17/2017 20:45	600300	9.677	15.03	21.799	31720.385	39181.547	25.002	26.643	31.525	1.018
5/17/2017 21:00	601200	9.673	14.994	21.789	35627.004	44044.949	28.457	29.951	28.069	1.021
5/17/2017 21:15	602100	9.657	14.998	21.754	35626.781	44039.969	28.453	29.947	28.069	1.021
5/17/2017 21:30	603000	9.515	15.024	21.435	35432.883	43773.063	28.264	29.766	28.222	1.021
5/17/2017 21:45	603900	9.667	15.028	21.776	33858.742	41825.152	26.874	28.441	29.534	1.02
5/17/2017 22:00	604800	9.615	15.028	21.65						

Report Date: 5/19/2017 8:54
Report User Name: AVanHaitsma
Report Computer Name: WKST34
Application: WinSitu.exe
Application Version: 5.6.25.0

Log File Properties

File Name MPWSP Barotroll_2017-05-18_18-53-25-090.wsl
Create Date 5/18/2017 18:53

Device Properties

Device BaroTROLL 500
Site MPWSP BaroTroll
Device Name
Serial Number 399604
Firmware Version 3.02
Hardware Version 4
Device Address 1
Device Comm Cfg 19200 8 Even 1 (Modbus-RTU)
Used Memory 0
Used Battery 7

Log Configuration

Log Name MPWSP Barotroll
Created By KMakar
Computer Name PROBOOK10
Application WinSitu.exe
Application Version 5.6.25.0
Create Date 4/28/2016 3:36:54 PM Pacific Daylight Time
Log Setup Time Zone Pacific Daylight Time
Notes Size(bytes) 4096
Overwrite when full Enabled
Scheduled Start Time 4/28/2016 3:45:00 PM Pacific Daylight Time
Scheduled Stop Time No Stop Time
Type Linear
Interval Days: 0 hrs: 00 mins: 15 secs: 00

Other Log Settings

Log Notes:

Date and Time	Note
4/28/2016 15:41	Sensor SN: 399604 Factory calibration has expired.: 1/21/2016 11:40:19 AM
4/28/2016 15:41	Used Battery: 7% Used Memory: 12% User Name: KMakar
5/5/2016 13:40	Log Download - Used Battery: 7% Used Memory: 12% User Name: SKuiper Interval - Start Time: 3/31/2016 12:00:00 PM Stop Time: 5/5/2016 2:30:00 PM
5/12/2016 16:51	Log Download - Used Battery: 7% Used Memory: 12% User Name: SKuiper Interval - Start Time: 5/3/2016 12:00:00 PM Stop Time: 5/12/2016 5:45:00 PM
5/19/2016 17:53	Log Download - Used Battery: 7% Used Memory: 12% User Name: ELinden Interval - Start Time: 5/10/2016 12:00:00 PM Stop Time: 5/19/2016 6:45:00 PM
5/26/2016 15:21	Log Download - Used Battery: 7% Used Memory: 12% User Name: SKuiper Interval - Start Time: 5/17/2016 6:00:00 PM Stop Time: 5/26/2016 4:15:00 PM
6/2/2016 17:25	Log Download - Used Battery: 7% Used Memory: 12% User Name: SKuiper Interval - Start Time: 4/30/2016 1:15:00 AM Stop Time: 6/2/2016 6:15:00 PM
6/9/2016 14:11	Log Download - Used Battery: 7% Used Memory: 12% User Name: CShaw Interval - Start Time: 5/31/2016 5:00:00 AM Stop Time: 6/9/2016 3:00:00 PM
6/16/2016 18:18	Log Download - Used Battery: 7% Used Memory: 18% User Name: SKuiper Interval - Start Time: 6/7/2016 10:30:00 PM Stop Time: 6/16/2016 7:15:00 PM
6/23/2016 18:28	Log Download - Used Battery: 8% Used Memory: 18% User Name: SKuiper Interval - Start Time: 6/15/2016 10:00:00 PM Stop Time: 6/23/2016 7:15:00 PM
7/1/2016 15:22	Log Download - Used Battery: 8% Used Memory: 18% User Name: SKuiper Interval - Start Time: 5/31/2016 1:00:00 AM Stop Time: 7/1/2016 4:15:00 PM
7/8/2016 13:27	Log Download - Used Battery: 8% Used Memory: 18% User Name: SKuiper Interval - Start Time: 6/29/2016 10:00:00 PM Stop Time: 7/8/2016 1:05:00 PM
7/14/2016 21:10	Log Download - Used Battery: 8% Used Memory: 18% User Name: ELinden Interval - Start Time: 7/5/2016 12:00:00 PM Stop Time: 7/14/2016 10:00:00 PM
7/22/2016 10:07	Log Download - Used Battery: 8% Used Memory: 18% User Name: SKuiper Interval - Start Time: 7/13/2016 10:00:00 PM Stop Time: 7/22/2016 10:00:00 AM
7/28/2016 21:08	Log Download - Used Battery: 8% Used Memory: 25% User Name: SKuiper Interval - Start Time: 7/20/2016 10:00:00 PM Stop Time: 7/28/2016 9:00:00 PM
8/4/2016 19:48	Log Download - Used Battery: 8% Used Memory: 25% User Name: SKuiper Interval - Start Time: 6/29/2016 10:00:00 PM Stop Time: 8/4/2016 8:35:00 PM
8/11/2016 18:17	Log Download - Used Battery: 8% Used Memory: 25% User Name: ELinden Interval - Start Time: 8/2/2016 12:00:00 PM Stop Time: 8/11/2016 8:15:00 PM
8/18/2016 18:17	Log Download - Used Battery: 8% Used Memory: 25% User Name: SKuiper Interval - Start Time: 8/10/2016 10:00:00 PM Stop Time: 8/18/2016 7:00:00 PM
8/18/2016 18:18	Log Download - Used Battery: 8% Used Memory: 25% User Name: SKuiper Interval - Start Time: 8/10/2016 10:00:00 AM Stop Time: 8/18/2016 6:15:00 PM
8/25/2016 21:35	Log Download - Used Battery: 9% Used Memory: 25% User Name: ELinden Interval - Start Time: 8/17/2016 10:00:00 PM Stop Time: 8/25/2016 10:30:00 PM
9/1/2016 17:23	Log Download - Used Battery: 9% Used Memory: 25% User Name: skuiper Interval - Start Time: 7/30/2016 10:00:00 PM Stop Time: 9/1/2016 6:15:00 PM
9/8/2016 19:54	Log Download - Used Battery: 9% Used Memory: 31% User Name: SKuiper Interval - Start Time: 8/31/2016 12:00:00 AM Stop Time: 9/8/2016 7:45:00 PM
9/8/2016 19:55	Log Download - Used Battery: 9% Used Memory: 31% User Name: SKuiper Interval - Start Time: 8/31/2016 12:00:00 AM Stop Time: 9/8/2016 8:45:00 PM
9/15/2016 21:07	Log Download - Used Battery: 9% Used Memory: 31% User Name: ANorris Interval - Start Time: 9/7/2016 10:00:00 PM Stop Time: 9/15/2016 10:00:00 PM
9/22/2016 19:04	Log Download - Used Battery: 9% Used Memory: 31% User Name: ANorris Interval - Start Time: 9/14/2016 10:00:00 PM Stop Time: 9/22/2016 7:15:00 PM
10/2/2016 11:33	Log Download - Used Battery: 9% Used Memory: 31% User Name: ANorris Interval - Start Time: 9/21/2016 10:00:00 PM Stop Time: 10/2/2016 12:30:00 PM
10/7/2016 13:04	Log Download - Used Battery: 9% Used Memory: 31% User Name: SKuiper Interval - Start Time: 9/28/2016 10:00:00 PM Stop Time: 10/7/2016 5:10:00 PM
10/7/2016 20:09	Log Download - Used Battery: 9% Used Memory: 31% User Name: SKuiper Interval - Start Time: 9/27/2016 12:00:00 AM Stop Time: 10/7/2016 8:00:00 PM
10/13/2016 19:55	Log Download - Used Battery: 9% Used Memory: 31% User Name: SKuiper Interval - Start Time: 10/5/2016 10:00:00 PM Stop Time: 10/13/2016 7:45:00 PM
10/13/2016 19:57	Log Download - Used Battery: 9% Used Memory: 31% User Name: SKuiper Interval - Start Time: 10/5/2016 12:00:00 AM Stop Time: 10/13/2016 7:45:00 PM
10/20/2016 19:48	Log Download - Used Battery: 9% Used Memory: 37% User Name: SKuiper Interval - Start Time: 10/12/2016 12:00:00 AM Stop Time: 10/20/2016 8:30:00 PM
10/27/2016 18:20	Log Download - Used Battery: 10% Used Memory: 37% User Name: SKuiper Interval - Start Time: 10/18/2016 5:00:00 PM Stop Time: 10/27/2016 6:15:00 PM
11/3/2016 17:45	Log Download - Used Battery: 10% Used Memory: 37% User Name: SKuiper Interval - Start Time: 9/30/2016 7:50:00 PM Stop Time: 11/3/2016 6:45:00 PM
11/11/2016 9:44	Log Download - Used Battery: 10% Used Memory: 37% User Name: SKuiper Interval - Start Time: 11/2/2016 10:00:00 PM Stop Time: 11/11/2016 10:30:00 AM
11/17/2016 16:26	Log Download - Used Battery: 10% Used Memory: 37% User Name: SKuiper Interval - Start Time: 11/9/2016 10:00:00 PM Stop Time: 11/17/2016 5:15:00 PM
11/24/2016 16:54	Log Download - Used Battery: 10% Used Memory: 37% User Name: SKuiper Interval - Start Time: 11/15/2016 10:00:00 PM Stop Time: 11/24/2016 5:45:00 PM
12/2/2016 8:57	Log Download - Used Battery: 10% Used Memory: 43% User Name: SKuiper Interval - Start Time: 10/31/2016 1:00:00 AM Stop Time: 12/2/2016 9:45:00 AM
12/8/2016 17:43	Log Download - Used Battery: 10% Used Memory: 43% User Name: SKuiper Interval - Start Time: 11/30/2016 10:00:00 PM Stop Time: 12/8/2016 6:30:00 PM
12/9/2016 11:16	Log Download - Used Battery: 10% Used Memory: 43% User Name: SKuiper Interval - Start Time: 11/30/2016 10:00:00 PM Stop Time: 12/9/2016 11:15:00 AM
12/15/2016 16:34	Log Download - Used Battery: 10% Used Memory: 43% User Name: SKuiper Interval - Start Time: 12/7/2016 10:00:00 PM Stop Time: 12/15/2016 4:30:00 PM
12/22/2016 21:05	Log Download - Used Battery: 10% Used Memory: 43% User Name: ANorris Interval - Start Time: 12/14/2016 10:00:00 PM Stop Time: 12/22/2016 9:30:00 PM
1/5/2017 18:42	Log Download - Used Battery: 11% Used Memory: 43% User Name: SKuiper Interval - Start Time: 11/30/2016 10:00:00 PM Stop Time: 1/5/2017 6:30:00 PM
1/12/2017 17:40	Log Download - Used Battery: 11% Used Memory: 50% User Name: SKuiper Interval - Start Time: 1/4/2017 10:00:00 PM Stop Time: 1/12/2017 5:30:00 PM
1/19/2017 14:17	Log Download - Used Battery: 11% Used Memory: 50% User Name: EHernandez Interval - Start Time: 1/11/2017 10:00:00 PM Stop Time: 1/19/2017 3:15:00 PM
1/27/2017 7:44	Log Download - Used Battery: 11% Used Memory: 50% User Name: SKuiper Interval - Start Time: 1/18/2017 10:00:00 PM Stop Time: 1/27/2017 8:30:00 AM
2/2/2017 18:55	Log Download - Used Battery: 11% Used Memory: 50% User Name: WMassoll Interval - Start Time: 12/31/2016 10:00:00 PM Stop Time: 2/2/2017 6:45:00 PM
2/9/2017 15:56	Log Download - Used Battery: 11% Used Memory: 50% User Name: EHernandez Interval - Start Time: 2/1/2017 12:00:00 AM Stop Time: 2/9/2017 4:45:00 PM
2/16/2017 15:27	Log Download - Used Battery: 11% Used Memory: 50% User Name: WMassoll Interval - Start Time: 2/8/2017 10:00:00 PM Stop Time: 2/16/2017 4:15:00 PM

2/22/2017 17:21	Log Download - Used Battery: 11% Used Memory: 56%	User Name: EHernandez Interval - Start Time: 2/15/2017 12:00:00 AM Stop Time: 2/22/2017 2:15:00 PM
2/23/2017 15:46	Log Download - Used Battery: 11% Used Memory: 56%	User Name: EHernandez Interval - Start Time: 2/15/2017 12:00:00 AM Stop Time: 2/23/2017 3:45:00 PM
3/2/2017 18:28	Log Download - Used Battery: 11% Used Memory: 56%	User Name: SKuiper Interval - Start Time: 1/31/2017 10:00:00 PM Stop Time: 3/2/2017 11:15:00 PM
3/9/2017 17:51	Log Download - Used Battery: 12% Used Memory: 56%	User Name: WMassoll Interval - Start Time: 3/3/2017 8:15:00 AM Stop Time: 3/9/2017 6:45:00 PM
3/10/2017 15:58	Log Download - Used Battery: 12% Used Memory: 56%	User Name: WMassoll Interval - Start Time: 3/1/2017 8:15:00 AM Stop Time: 3/10/2017 4:45:00 PM
3/16/2017 18:57	Log Download - Used Battery: 12% Used Memory: 56%	User Name: WMassoll Interval - Start Time: 3/8/2017 10:00:00 PM Stop Time: 3/16/2017 7:45:00 PM
3/23/2017 15:05	Log Download - Used Battery: 12% Used Memory: 56%	User Name: AVanHaitsma Interval - Start Time: 3/15/2017 10:00:00 PM Stop Time: 3/23/2017 4:00:00 PM
3/30/2017 13:22	Log Download - Used Battery: 12% Used Memory: 56%	User Name: AVanHaitsma Interval - Start Time: 3/22/2017 10:00:00 PM Stop Time: 3/30/2017 2:15:00 PM
4/6/2017 18:21	Log Download - Used Battery: 12% Used Memory: 62%	User Name: WMassoll Interval - Start Time: 2/28/2017 12:00:00 PM Stop Time: 4/6/2017 9:15:00 PM
4/13/2017 18:56	Log Download - Used Battery: 12% Used Memory: 62%	User Name: WMassoll Interval - Start Time: 4/5/2017 10:00:00 PM Stop Time: 4/13/2017 8:45:00 PM
4/20/2017 19:05	Log Download - Used Battery: 12% Used Memory: 62%	User Name: AVanHaitsma Interval - Start Time: 4/12/2017 10:00:00 PM Stop Time: 4/20/2017 8:00:00 PM
4/27/2017 18:54	Log Download - Used Battery: 12% Used Memory: 62%	User Name: WMassoll Interval - Start Time: 4/19/2017 10:00:00 PM Stop Time: 4/27/2017 7:45:00 PM
4/28/2017 12:12	Log Download - Used Battery: 12% Used Memory: 62%	User Name: WMassoll Interval - Start Time: 4/19/2017 10:00:00 PM Stop Time: 4/28/2017 1:00:00 PM
5/4/2017 13:20	Log Download - Used Battery: 12% Used Memory: 62%	User Name: AVanHaitsma Interval - Start Time: 3/31/2017 10:00:00 PM Stop Time: 5/4/2017 2:15:00 PM
5/11/2017 13:32	Log Download - Used Battery: 13% Used Memory: 62%	User Name: AVanHaitsma Interval - Start Time: 5/3/2017 10:00:00 PM Stop Time: 5/11/2017 3:15:00 PM

Log Data:	
Record Count	756
Sensors	1
	1399604 Baro-Pressure/Temp

Time Zone: Pacific Daylight Time

Date and Time	Elapsed Time Seconds	Sensor: Baro Pres SN#: 399604 Pressure (mmHg)	Sensor: Baro Pres SN#: 399604 Temperature (C)	
5/11/2017 0:00		7200	765.589	19.626
5/11/2017 0:15		8100	765.388	19.524
5/11/2017 0:30		9000	765.621	19.478
5/11/2017 0:45		9900	765.777	19.436
5/11/2017 1:00		10800	765.589	19.433
5/11/2017 1:15		11700	765.711	19.414
5/11/2017 1:30		12600	765.557	19.364
5/11/2017 1:45		13500	765.464	19.32
5/11/2017 2:00		14400	765.539	19.264
5/11/2017 2:15		15300	765.24	19.219
5/11/2017 2:30		16200	765.357	19.202
5/11/2017 2:45		17100	765.564	19.148
5/11/2017 3:00		18000	765.435	19.111
5/11/2017 3:15		18900	765.476	19.079
5/11/2017 3:30		19800	765.336	19.018
5/11/2017 3:45		20700	765.528	18.995
5/11/2017 4:00		21600	765.465	18.969
5/11/2017 4:15		22500	765.445	18.94
5/11/2017 4:30		23400	765.72	18.898
5/11/2017 4:45		24300	765.645	18.879
5/11/2017 5:00		25200	765.501	18.891
5/11/2017 5:15		26100	765.377	18.849
5/11/2017 5:30		27000	765.653	18.817
5/11/2017 5:45		27900	765.481	18.777
5/11/2017 6:00		28800	765.742	18.747
5/11/2017 6:15		29700	766.081	18.71
5/11/2017 6:30		30600	766.138	18.689
5/11/2017 6:45		31500	766.153	18.644
5/11/2017 7:00		32400	766.107	18.62
5/11/2017 7:15		33300	766.178	18.563
5/11/2017 7:30		34200	765.83	18.566
5/11/2017 7:45		35100	766.013	18.544
5/11/2017 8:00		36000	766.24	18.561
5/11/2017 8:15		36900	766.523	18.594
5/11/2017 8:30		37800	766.122	18.592
5/11/2017 8:45		38700	766.19	18.611
5/11/2017 9:00		39600	765.913	18.624
5/11/2017 9:15		40500	766.157	18.708
5/11/2017 9:30		41400	766.093	18.768
5/11/2017 9:45		42300	766.235	18.811
5/11/2017 10:00		43200	766.237	18.948
5/11/2017 10:15		44100	766.227	19.04
5/11/2017 10:30		45000	766.26	19.193
5/11/2017 10:45		45900	766.097	19.351
5/11/2017 11:00		46800	765.839	19.504
5/11/2017 11:15		47700	766.153	19.727
5/11/2017 11:30		48600	766.202	19.844
5/11/2017 11:45		49500	766.534	20.035
5/11/2017 12:00		50400	766.003	20.14
5/11/2017 12:15		51300	766.106	20.241
5/11/2017 12:30		52200	766.449	20.349
5/11/2017 12:45		53100	766.263	20.43
5/11/2017 13:00		54000	766.274	20.529
5/11/2017 13:15		54900	766.122	20.622
5/11/2017 13:30		55800	766.255	20.716
5/11/2017 13:45		56700	766.105	20.859
5/11/2017 14:00		57600	766.273	20.949
5/11/2017 14:15		58500	765.762	21.072
5/11/2017 14:30		59400	765.969	21.217
5/11/2017 14:45		60300	766.143	21.356
5/11/2017 15:00		61200	766.127	21.564
5/11/2017 15:15		62100	765.797	21.775
5/11/2017 15:30		63000	765.822	21.966
5/11/2017 15:45		63900	765.725	22.164
5/11/2017 16:00		64800	765.705	22.371
5/11/2017 16:15		65700	765.795	22.592
5/11/2017 16:30		66600	765.434	22.807

5/11/2017 16:45	67500	765.294	23.009
5/11/2017 17:00	68400	765.414	23.195
5/11/2017 17:15	69300	765.248	23.33
5/11/2017 17:30	70200	765.517	23.478
5/11/2017 17:45	71100	765.497	23.631
5/11/2017 18:00	72000	765.853	23.748
5/11/2017 18:15	72900	765.249	23.807
5/11/2017 18:30	73800	765.437	23.814
5/11/2017 18:45	74700	765.5	23.819
5/11/2017 19:00	75600	765.233	23.703
5/11/2017 19:15	76500	765.229	23.507
5/11/2017 19:30	77400	765.44	23.312
5/11/2017 19:45	78300	765.285	23.045
5/11/2017 20:00	79200	765.312	22.673
5/11/2017 20:15	80100	765.559	22.251
5/11/2017 20:30	81000	765.573	21.811
5/11/2017 20:45	81900	765.421	21.418
5/11/2017 21:00	82800	765.43	21.079
5/11/2017 21:15	83700	765.625	20.794
5/11/2017 21:30	84600	765.489	20.571
5/11/2017 21:45	85500	765.697	20.352
5/11/2017 22:00	86400	765.468	20.223
5/11/2017 22:15	87300	765.566	20.079
5/11/2017 22:30	88200	765.441	19.986
5/11/2017 22:45	89100	765.129	19.875
5/11/2017 23:00	90000	765.475	19.769
5/11/2017 23:15	90900	765.772	19.712
5/11/2017 23:30	91800	765.364	19.658
5/11/2017 23:45	92700	765.64	19.578
5/12/2017 0:00	93600	765.376	19.531
5/12/2017 0:15	94500	765.61	19.491
5/12/2017 0:30	95400	765.475	19.418
5/12/2017 0:45	96300	765.457	19.302
5/12/2017 1:00	97200	765.244	19.211
5/12/2017 1:15	98100	765.706	19.094
5/12/2017 1:30	99000	765.48	19.006
5/12/2017 1:45	99900	766.041	18.941
5/12/2017 2:00	100800	765.288	18.872
5/12/2017 2:15	101700	765.468	18.792
5/12/2017 2:30	102600	765.464	18.687
5/12/2017 2:45	103500	765.526	18.616
5/12/2017 3:00	104400	765.745	18.492
5/12/2017 3:15	105300	765.895	18.346
5/12/2017 3:30	106200	765.226	18.212
5/12/2017 3:45	107100	765.43	18.112
5/12/2017 4:00	108000	765.678	17.959
5/12/2017 4:15	108900	765.471	17.825
5/12/2017 4:30	109800	765.96	17.65
5/12/2017 4:45	110700	765.836	17.532
5/12/2017 5:00	111600	765.714	17.438
5/12/2017 5:15	112500	765.879	17.322
5/12/2017 5:30	113400	765.986	17.227
5/12/2017 5:45	114300	765.94	17.171
5/12/2017 6:00	115200	765.904	17.082
5/12/2017 6:15	116100	766.242	17.04
5/12/2017 6:30	117000	766.114	16.944
5/12/2017 6:45	117900	766.251	16.883
5/12/2017 7:00	118800	766.244	16.863
5/12/2017 7:15	119700	766.146	16.957
5/12/2017 7:30	120600	766.317	17.153
5/12/2017 7:45	121500	766.323	17.352
5/12/2017 8:00	122400	766.343	17.609
5/12/2017 8:15	123300	766.145	17.879
5/12/2017 8:30	124200	766.431	18.156
5/12/2017 8:45	125100	766.18	18.375
5/12/2017 9:00	126000	766.331	18.625
5/12/2017 9:15	126900	766.048	18.879
5/12/2017 9:30	127800	766.289	19.076
5/12/2017 9:45	128700	766.01	19.277
5/12/2017 10:00	129600	766.137	19.485
5/12/2017 10:15	130500	766.205	19.635
5/12/2017 10:30	131400	766.133	19.792
5/12/2017 10:45	132300	766.192	19.966
5/12/2017 11:00	133200	766.261	20.135
5/12/2017 11:15	134100	766.001	20.279
5/12/2017 11:30	135000	766.146	20.463
5/12/2017 11:45	135900	766.018	20.632
5/12/2017 12:00	136800	765.778	20.796
5/12/2017 12:15	137700	765.971	20.977
5/12/2017 12:30	138600	765.647	21.161
5/12/2017 12:45	139500	765.542	21.372
5/12/2017 13:00	140400	765.475	21.552
5/12/2017 13:15	141300	765.514	21.744
5/12/2017 13:30	142200	765.402	21.967
5/12/2017 13:45	143100	765.505	22.157
5/12/2017 14:00	144000	765.296	22.371
5/12/2017 14:15	144900	765.152	22.594
5/12/2017 14:30	145800	765.262	22.823
5/12/2017 14:45	146700	764.763	22.983
5/12/2017 15:00	147600	765.071	23.177
5/12/2017 15:15	148500	764.832	23.36
5/12/2017 15:30	149400	764.488	23.525
5/12/2017 15:45	150300	764.577	23.692
5/12/2017 16:00	151200	764.211	23.832
5/12/2017 16:15	152100	764.557	23.938
5/12/2017 16:30	153000	764.053	24.059

5/12/2017 16:45	153900	764.317	24.138
5/12/2017 17:00	154800	764.563	24.229
5/12/2017 17:15	155700	764.372	24.248
5/12/2017 17:30	156600	764.462	24.295
5/12/2017 17:45	157500	764.22	24.271
5/12/2017 18:00	158400	764.347	24.174
5/12/2017 18:15	159300	764.272	24.085
5/12/2017 18:30	160200	764.384	23.883
5/12/2017 18:45	161100	764.282	23.612
5/12/2017 19:00	162000	764.111	23.243
5/12/2017 19:15	162900	764.187	22.848
5/12/2017 19:30	163800	764.184	22.352
5/12/2017 19:45	164700	764.709	21.919
5/12/2017 20:00	165600	764.371	21.5
5/12/2017 20:15	166500	764.104	21.155
5/12/2017 20:30	167400	764.4	20.831
5/12/2017 20:45	168300	764.638	20.536
5/12/2017 21:00	169200	764.614	20.298
5/12/2017 21:15	170100	764.404	20.067
5/12/2017 21:30	171000	764.852	19.826
5/12/2017 21:45	171900	765.127	19.618
5/12/2017 22:00	172800	764.904	19.47
5/12/2017 22:15	173700	765.101	19.304
5/12/2017 22:30	174600	765.149	19.053
5/12/2017 22:45	175500	765.052	18.935
5/12/2017 23:00	176400	765.103	18.804
5/12/2017 23:15	177300	765.083	18.666
5/12/2017 23:30	178200	764.976	18.535
5/12/2017 23:45	179100	764.871	18.425
5/13/2017 0:00	180000	764.859	18.338
5/13/2017 0:15	180900	764.959	18.221
5/13/2017 0:30	181800	765.031	18.126
5/13/2017 0:45	182700	765.182	18.027
5/13/2017 1:00	183600	764.973	17.935
5/13/2017 1:15	184500	764.802	17.81
5/13/2017 1:30	185400	764.823	17.76
5/13/2017 1:45	186300	764.825	17.61
5/13/2017 2:00	187200	764.746	17.543
5/13/2017 2:15	188100	764.707	17.458
5/13/2017 2:30	189000	764.654	17.414
5/13/2017 2:45	189900	764.495	17.313
5/13/2017 3:00	190800	764.402	17.317
5/13/2017 3:15	191700	764.677	17.208
5/13/2017 3:30	192600	764.484	17.153
5/13/2017 3:45	193500	764.756	17.05
5/13/2017 4:00	194400	764.612	17.033
5/13/2017 4:15	195300	764.666	16.968
5/13/2017 4:30	196200	764.279	16.86
5/13/2017 4:45	197100	764.368	16.739
5/13/2017 5:00	198000	764.519	16.705
5/13/2017 5:15	198900	764.393	16.61
5/13/2017 5:30	199800	764.175	16.53
5/13/2017 5:45	200700	764.421	16.493
5/13/2017 6:00	201600	764.497	16.416
5/13/2017 6:15	202500	764.567	16.356
5/13/2017 6:30	203400	764.5	16.323
5/13/2017 6:45	204300	764.746	16.256
5/13/2017 7:00	205200	764.222	16.248
5/13/2017 7:15	206100	764.479	16.341
5/13/2017 7:30	207000	764.843	16.506
5/13/2017 7:45	207900	764.866	16.679
5/13/2017 8:00	208800	764.649	16.925
5/13/2017 8:15	209700	764.407	17.171
5/13/2017 8:30	210600	764.381	17.388
5/13/2017 8:45	211500	764.651	17.684
5/13/2017 9:00	212400	764.672	17.909
5/13/2017 9:15	213300	764.532	18.107
5/13/2017 9:30	214200	764.994	18.312
5/13/2017 9:45	215100	764.751	18.527
5/13/2017 10:00	216000	764.39	18.72
5/13/2017 10:15	216900	764.762	18.902
5/13/2017 10:30	217800	764.739	19.082
5/13/2017 10:45	218700	764.653	19.265
5/13/2017 11:00	219600	764.68	19.447
5/13/2017 11:15	220500	764.558	19.6
5/13/2017 11:30	221400	764.616	19.792
5/13/2017 11:45	222300	764.518	19.982
5/13/2017 12:00	223200	764.474	20.122
5/13/2017 12:15	224100	764.426	20.291
5/13/2017 12:30	225000	764.321	20.478
5/13/2017 12:45	225900	764.384	20.63
5/13/2017 13:00	226800	764.489	20.839
5/13/2017 13:15	227700	764.24	21.029
5/13/2017 13:30	228600	764.569	21.25
5/13/2017 13:45	229500	763.996	21.453
5/13/2017 14:00	230400	764.135	21.665
5/13/2017 14:15	231300	764.28	21.875
5/13/2017 14:30	232200	764.154	22.116
5/13/2017 14:45	233100	763.771	22.317
5/13/2017 15:00	234000	763.701	22.521
5/13/2017 15:15	234900	763.679	22.739
5/13/2017 15:30	235800	763.325	22.897
5/13/2017 15:45	236700	763.262	23.105
5/13/2017 16:00	237600	762.886	23.273
5/13/2017 16:15	238500	762.83	23.422
5/13/2017 16:30	239400	762.762	23.545

5/13/2017 16:45	240300	762.362	23.65
5/13/2017 17:00	241200	762.449	23.761
5/13/2017 17:15	242100	762.279	23.85
5/13/2017 17:30	243000	762.099	23.9
5/13/2017 17:45	243900	761.743	23.913
5/13/2017 18:00	244800	761.758	23.874
5/13/2017 18:15	245700	761.616	23.768
5/13/2017 18:30	246600	761.896	23.589
5/13/2017 18:45	247500	761.6	23.374
5/13/2017 19:00	248400	761.789	23.045
5/13/2017 19:15	249300	761.696	22.624
5/13/2017 19:30	250200	761.491	22.208
5/13/2017 19:45	251100	761.44	21.739
5/13/2017 20:00	252000	761.377	21.349
5/13/2017 20:15	252900	761.369	21.005
5/13/2017 20:30	253800	761.437	20.648
5/13/2017 20:45	254700	761.726	20.373
5/13/2017 21:00	255600	761.451	20.124
5/13/2017 21:15	256500	761.561	19.91
5/13/2017 21:30	257400	761.934	19.707
5/13/2017 21:45	258300	761.767	19.474
5/13/2017 22:00	259200	761.713	19.281
5/13/2017 22:15	260100	761.767	19.087
5/13/2017 22:30	261000	761.709	18.967
5/13/2017 22:45	261900	761.869	18.831
5/13/2017 23:00	262800	761.851	18.681
5/13/2017 23:15	263700	761.759	18.529
5/13/2017 23:30	264600	761.88	18.393
5/13/2017 23:45	265500	761.799	18.299
5/14/2017 0:00	266400	761.761	18.194
5/14/2017 0:15	267300	761.169	18.08
5/14/2017 0:30	268200	761.716	17.945
5/14/2017 0:45	269100	761.494	17.893
5/14/2017 1:00	270000	761.59	17.82
5/14/2017 1:15	270900	761.145	17.706
5/14/2017 1:30	271800	761.165	17.561
5/14/2017 1:45	272700	761.03	17.5
5/14/2017 2:00	273600	761.394	17.394
5/14/2017 2:15	274500	761.297	17.285
5/14/2017 2:30	275400	761.017	17.192
5/14/2017 2:45	276300	760.861	17.109
5/14/2017 3:00	277200	760.698	17.037
5/14/2017 3:15	278100	761.179	16.956
5/14/2017 3:30	279000	760.759	16.802
5/14/2017 3:45	279900	761.043	16.748
5/14/2017 4:00	280800	761.011	16.62
5/14/2017 4:15	281700	760.875	16.527
5/14/2017 4:30	282600	760.644	16.436
5/14/2017 4:45	283500	760.768	16.379
5/14/2017 5:00	284400	760.779	16.291
5/14/2017 5:15	285300	760.646	16.238
5/14/2017 5:30	286200	760.346	16.199
5/14/2017 5:45	287100	760.26	16.239
5/14/2017 6:00	288000	760.694	16.293
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5/14/2017 6:30	289800	760.834	16.469
5/14/2017 6:45	290700	760.876	16.513
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5/14/2017 9:00	298800	760.862	17.648
5/14/2017 9:15	299700	761.079	17.922
5/14/2017 9:30	300600	761.215	18.212
5/14/2017 9:45	301500	761.17	18.422
5/14/2017 10:00	302400	761.142	18.677
5/14/2017 10:15	303300	760.872	18.904
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5/17/2017 23:30	610200	762.079	19.379
5/17/2017 23:45	611100	762.063	19.248

Serial_number: 2003874

Project ID: MPWSP Monitoring Wells Barologge

Location: MW-5M Baro

LEVEL

UNIT: psi

TEMPERATURE

UNIT: °C

Date	Time	ms	LEVEL	TEMPERATURE	
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5/11/2017		1:00:00	0	14.757	13.314
5/11/2017		1:15:00	0	14.7564	13.311
5/11/2017		1:30:00	0	14.7561	13.371
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