

MONTEREY PENINSULA WATER SUPPLY PROJECT

Test Slant Well Long Term Pumping Monitoring Report No. 119 9-August-17 - 16-August-17

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

August 22, 2017

PREPARED FOR:
California American Water



**CALIFORNIA
AMERICAN WATER**

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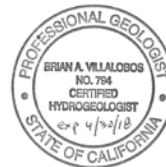
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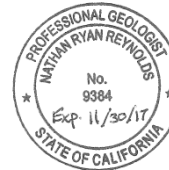
THIS REPORT HAS BEEN PREPARED BY OR UNDER THE DIRECTION OF THE FOLLOWING DESIGN PROFESSIONAL LICENSED BY THE STATE OF CALIFORNIA AND BASED ON THE MOST RECENT AVAILABLE INFORMATION.



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CONTENTS

1.0	GENERAL	1
1.1	Purpose and Scope.....	1
1.2	Monitoring Well Construction	1
1.3	Baseline Water Level and Water Quality Weekly Monitoring Reports	2
1.4	Test Slant Well Baseline Water Level and Quality Data.....	2
1.5	Test Slant Well Long Term Pumping Test Monitoring Reports.....	2
1.5.1	Interruption of Pumping Due to Power Outages	3
1.6	Test Slant Well Water Quality.....	4
1.7	Format of Report.....	4
2.0	CONVERSION OF TRANSDUCER PRESSURE MEASUREMENTS TO GROUNDWATER ELEVATIONS .	5
3.0	ESTIMATING TOTAL DISSOLVED SOLIDS FROM ELECTRICAL CONDUCTIVITY (EC) MEASUREMENTS	6
3.1	Additional Monitoring Methods	6

FIGURES, TABLES AND APPENDICES

FIGURES

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

TABLES

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

APPENDICES

Description

- A-1 Coastal Development Permit #A-3-MRA-14-0050
- A-2 Coastal Development Permit Amendment No. A-3-MRA-14-0050-A1
- B Groundwater Level and Salinity Instrument Data for the Period 9-August-17 through 16-August-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. 119 9-AUGUST-17 - 16-AUGUST-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 9-August-17 through 16-August-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
6/2/2017	9:42 AM	6/2/2017	1:53 PM	4	Maintenance
6/8/2017	4:15 PM	6/9/2017	10:49 AM	19	Development
6/16/2017	7:45 AM	6/16/2017	8:46 PM	13	Development
6/18/2017	9:21 AM	6/19/2017	2:33 PM	29	PG&E power interruption
6/21/2017	5:22 PM	6/22/2017	11:06 AM	18	Development
6/28/2017	7:45 PM	6/30/2017	11:30 AM	40	Development
7/5/2017	4:21 PM	7/7/2017	7:24 AM	39	Development
7/16/2017	7:37 PM	7/17/2017	11:26 AM	16	PG&E power interruption
7/23/2017	11:54 PM	7/24/2017	11:32 AM	12	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. 119 (this report), is the one-hundred nineteenth 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).

¹ Note: The last of the baseline monitoring reports (Monitoring Report No. 7) covered a five day period (17-22 Apr-15 as the long-term pumping began on 22-Apr-15).

2.0 CONVERSION OF TRANSDUCER PRESSURE MEASUREMENTS TO GROUNDWATER ELEVATIONS

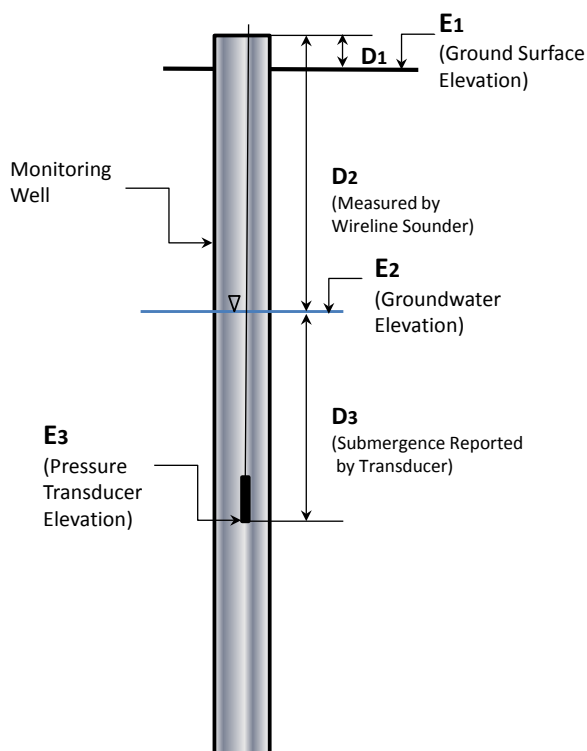
Pressure transducer readings were converted to groundwater elevation values (expressed as ft NAVD88) using the setting depth of the pressure transducer and the ground surface elevation at the monitoring well site (see inset). After initially setting a pressure transducer in the well, and after each time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

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

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

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

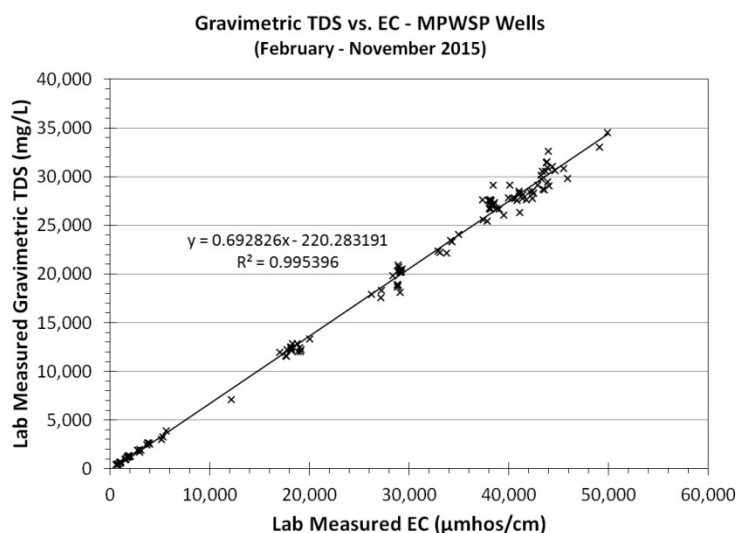
MW-1, MW-3, MW-4, MW-5, Dredge Pond, and Test Slant Well reference point elevations (RP) were surveyed on 26-Mar-15. MW-6, MW-7, MW-8, MW-9, and CEMEX North Well RPs were surveyed on 1-Oct-15 and are summarized in Table 1. All elevations are in ft NAVD88 including RP and ground surface elevations. CEMEX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



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.

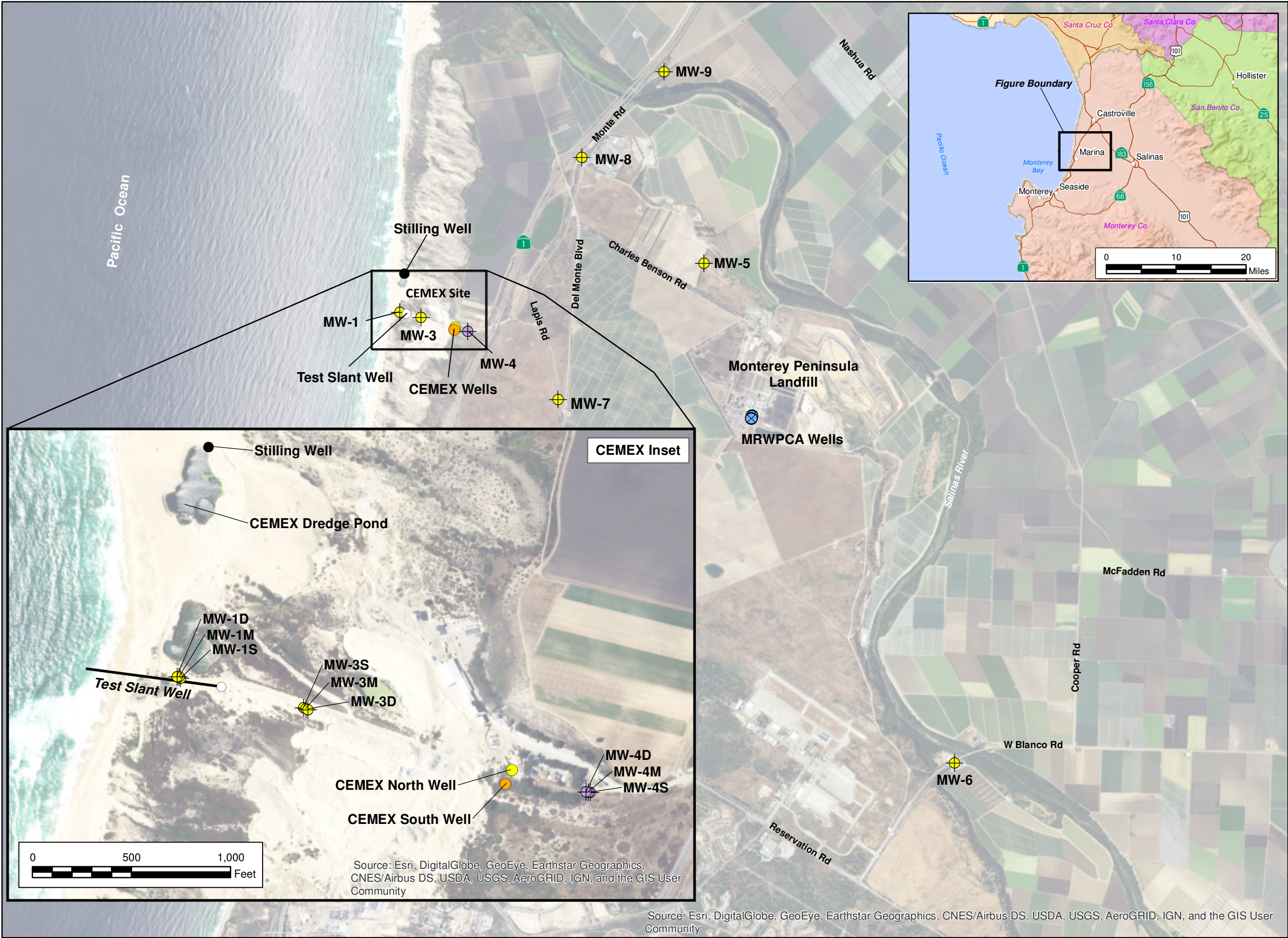
Data collected from transducers will continue to be plotted. Where no transducers were present, specific conductivity data was collected using a hand-held electrical conductance meter (MW-5 &

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.

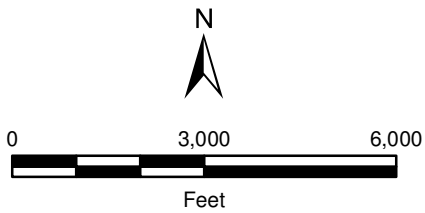
FIGURES

©2017, GEOSCIENCE Support Services, Inc. All rights reserved. Drawn By: DB Projection: State Plane 1983, Zone IV

W:\GIS_projects\mpwsp_cal\mnh\m\monitoring\long term_monitoring_Rpt_Lb\19_822-17\1_Fig_1-1_MonWells_822-17.mxd



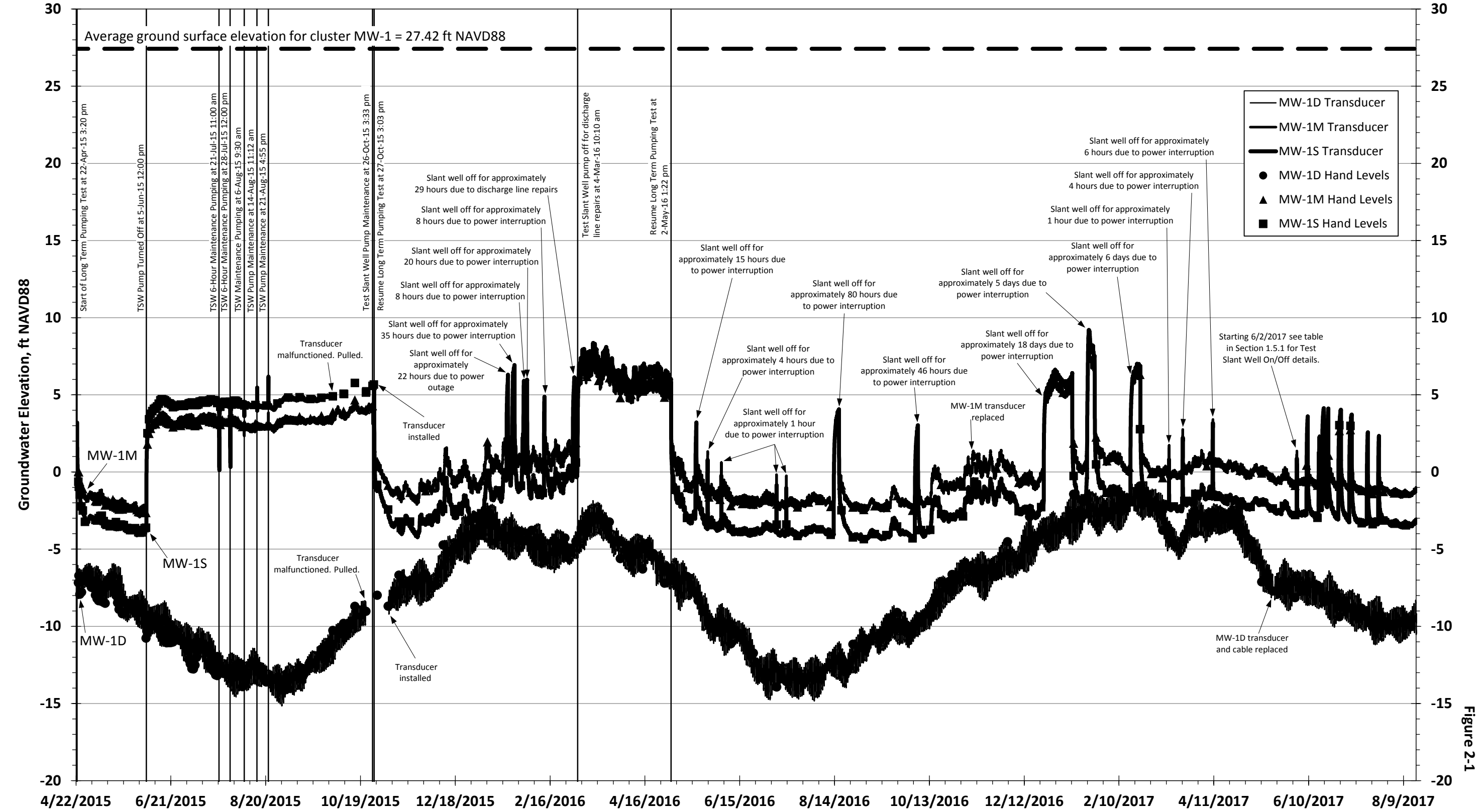
- EXPLANATION**
- Monitoring Well Cluster
 - Compliance Monitoring Well Cluster
 - Inactive Production Well
 - CEMEX Well - Inactive
 - CEMEX Well - Active
 - Stilling Well
 - Test Slant Well

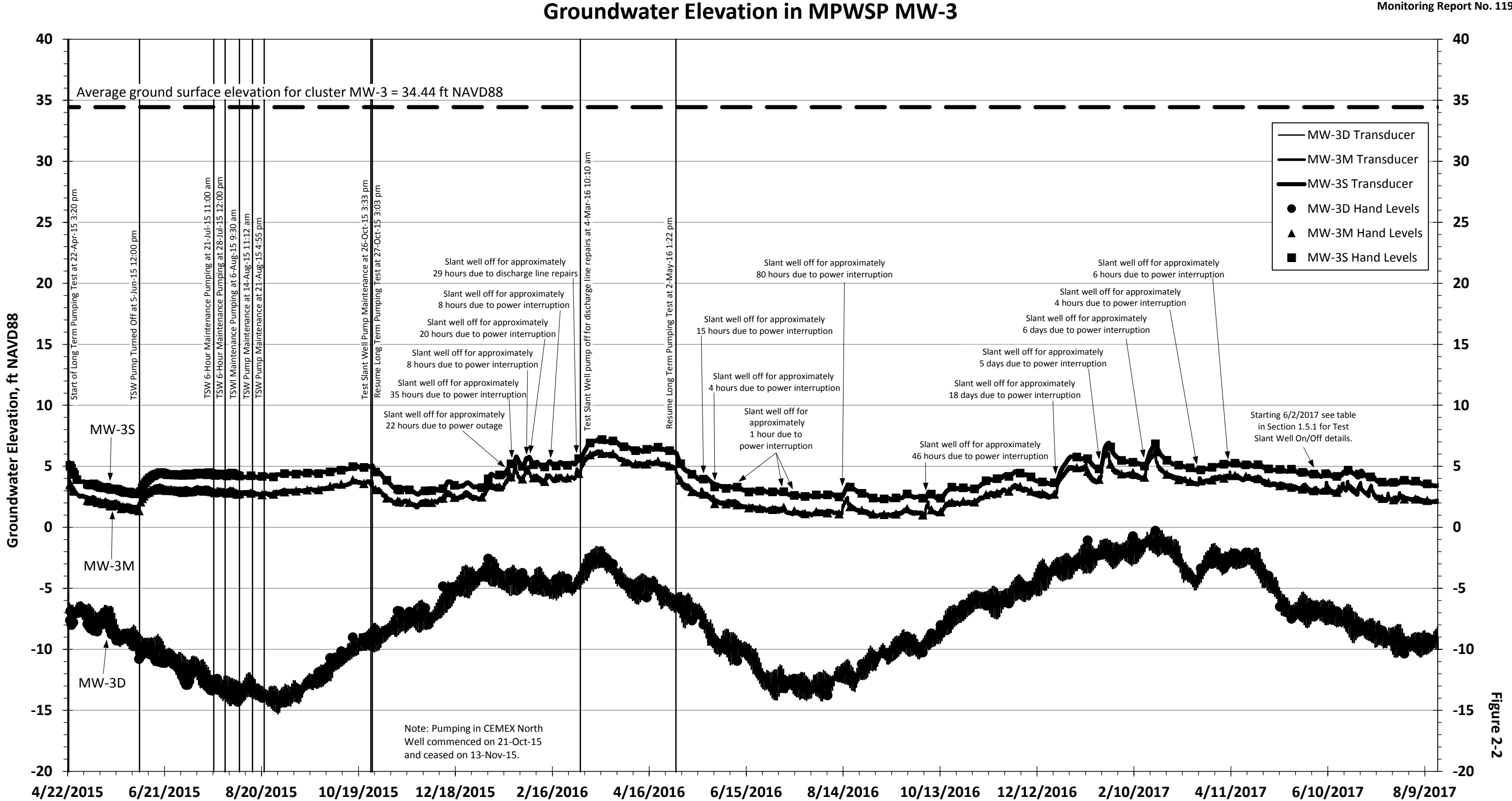


MPWSP GROUNDWATER MONITORING NETWORK

Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community

Groundwater Elevation in MPWSP MW-1

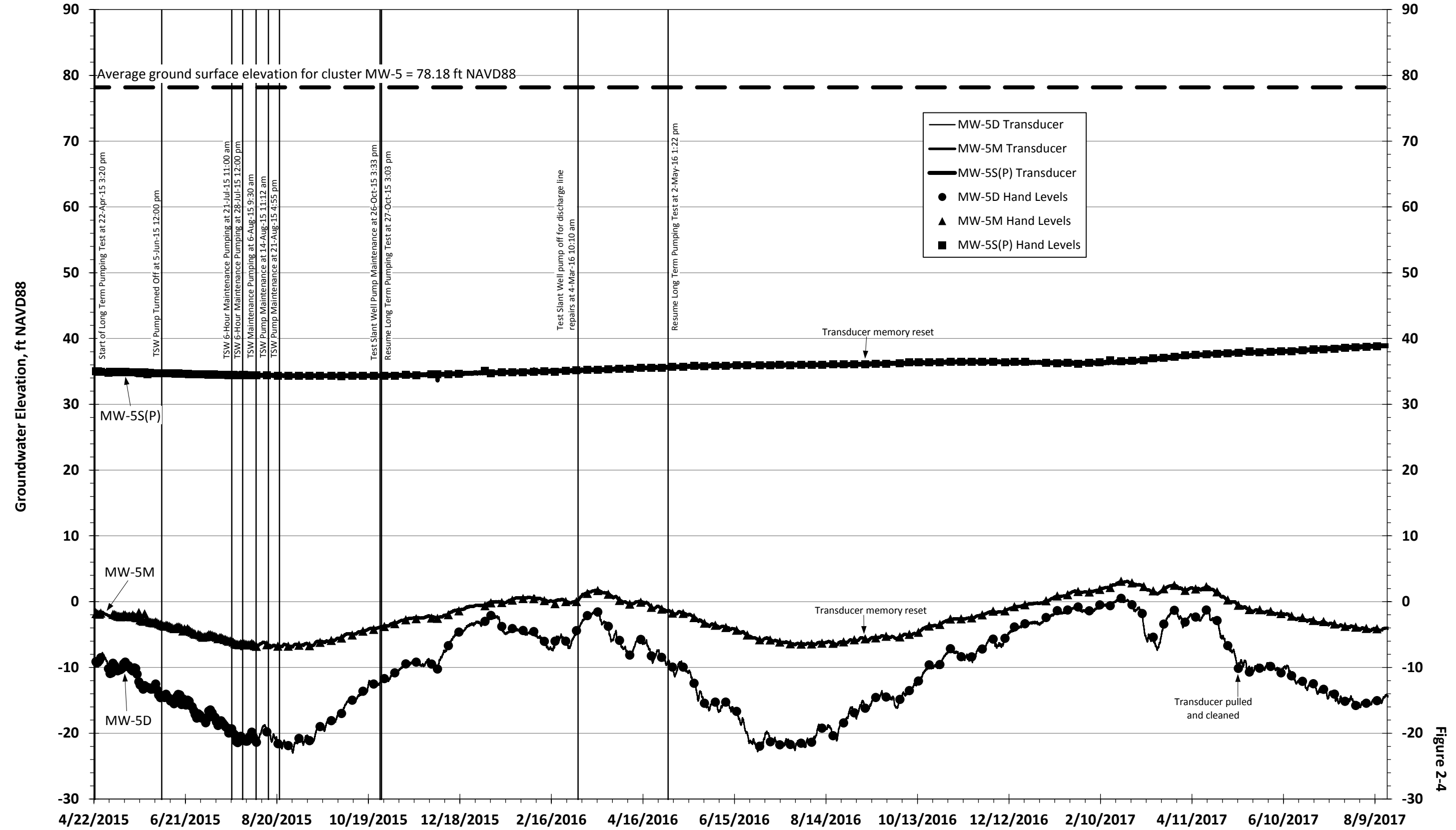




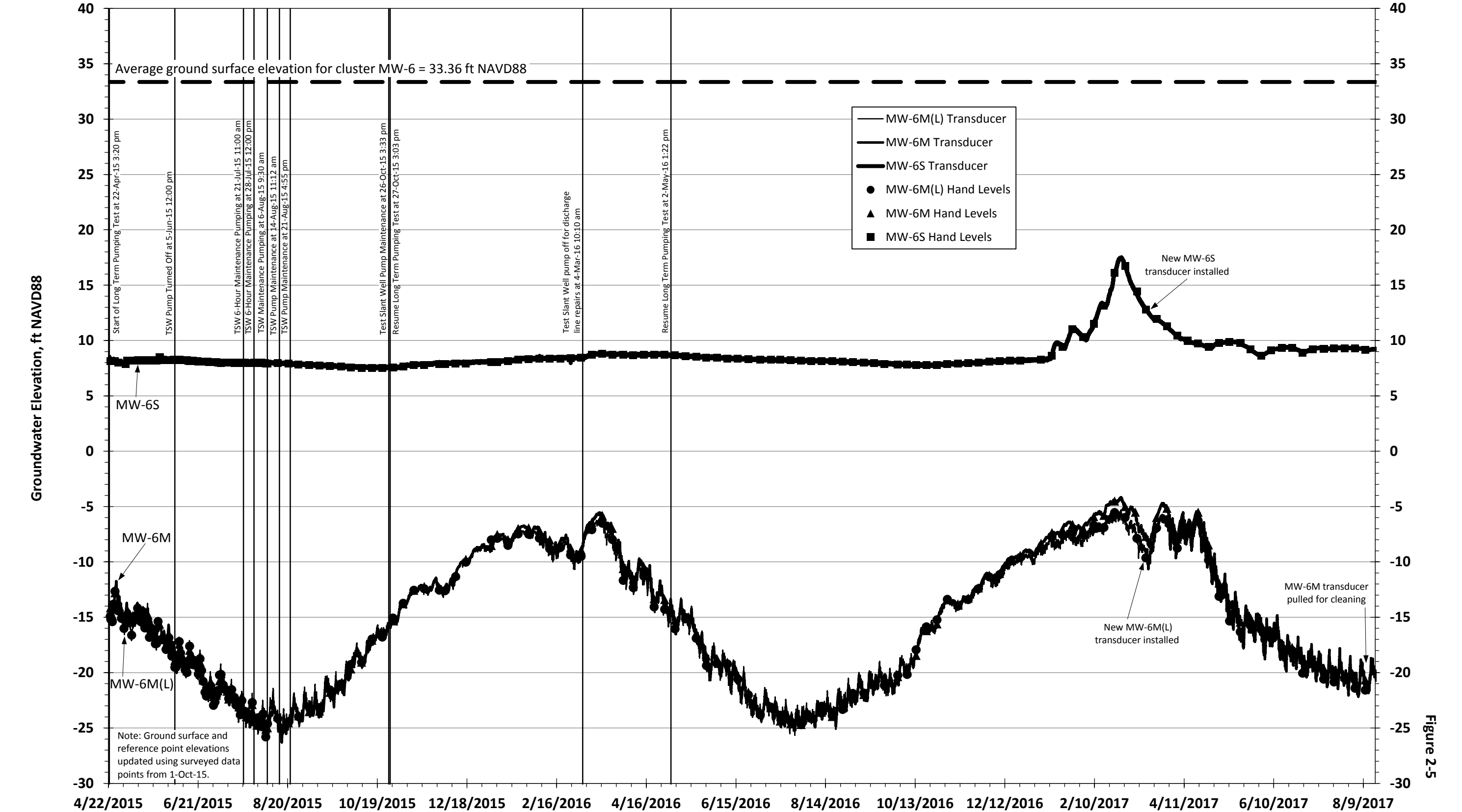
Monitoring Report No. 119



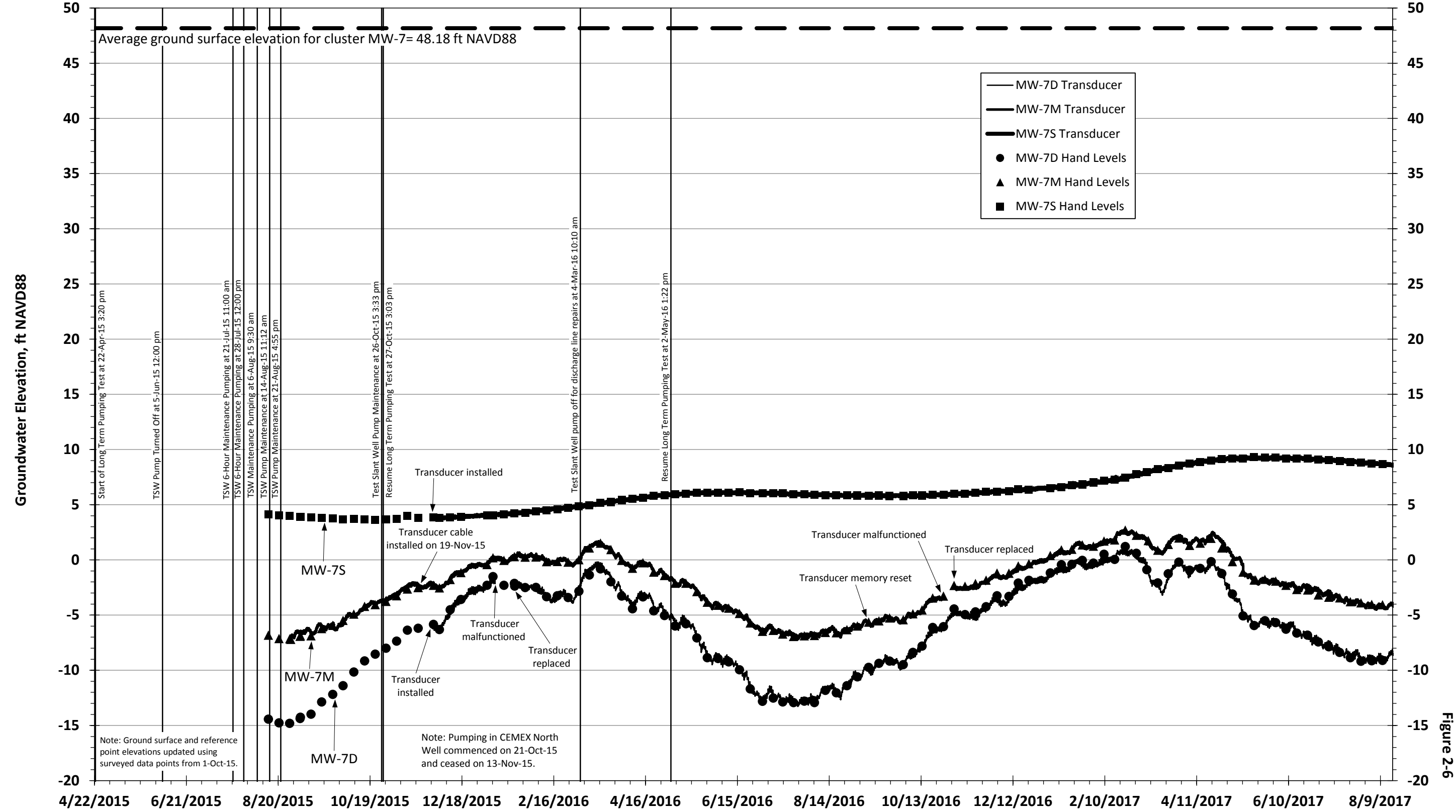
Groundwater Elevation in MPWSP MW-5



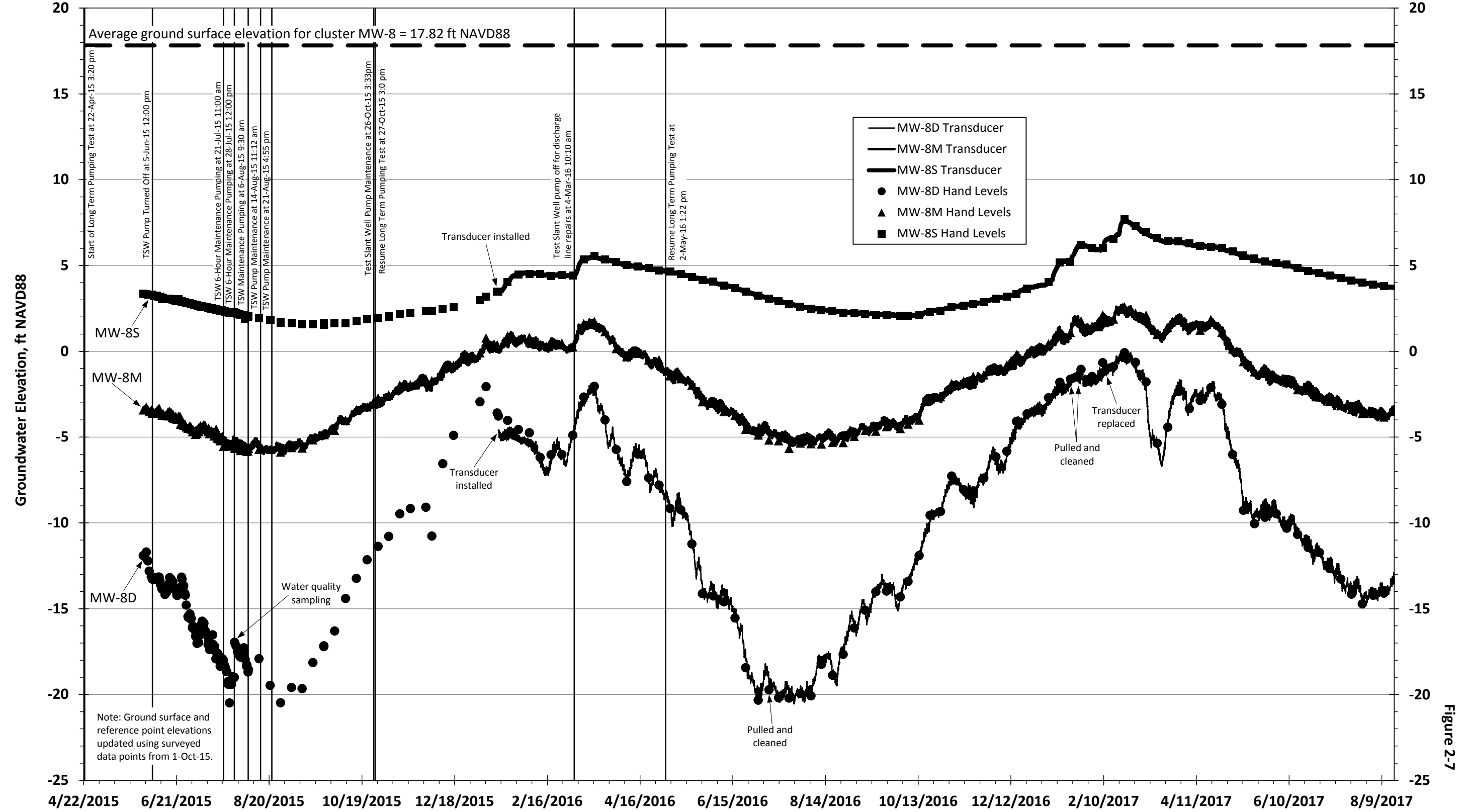
Groundwater Elevation in MPWSP MW-6



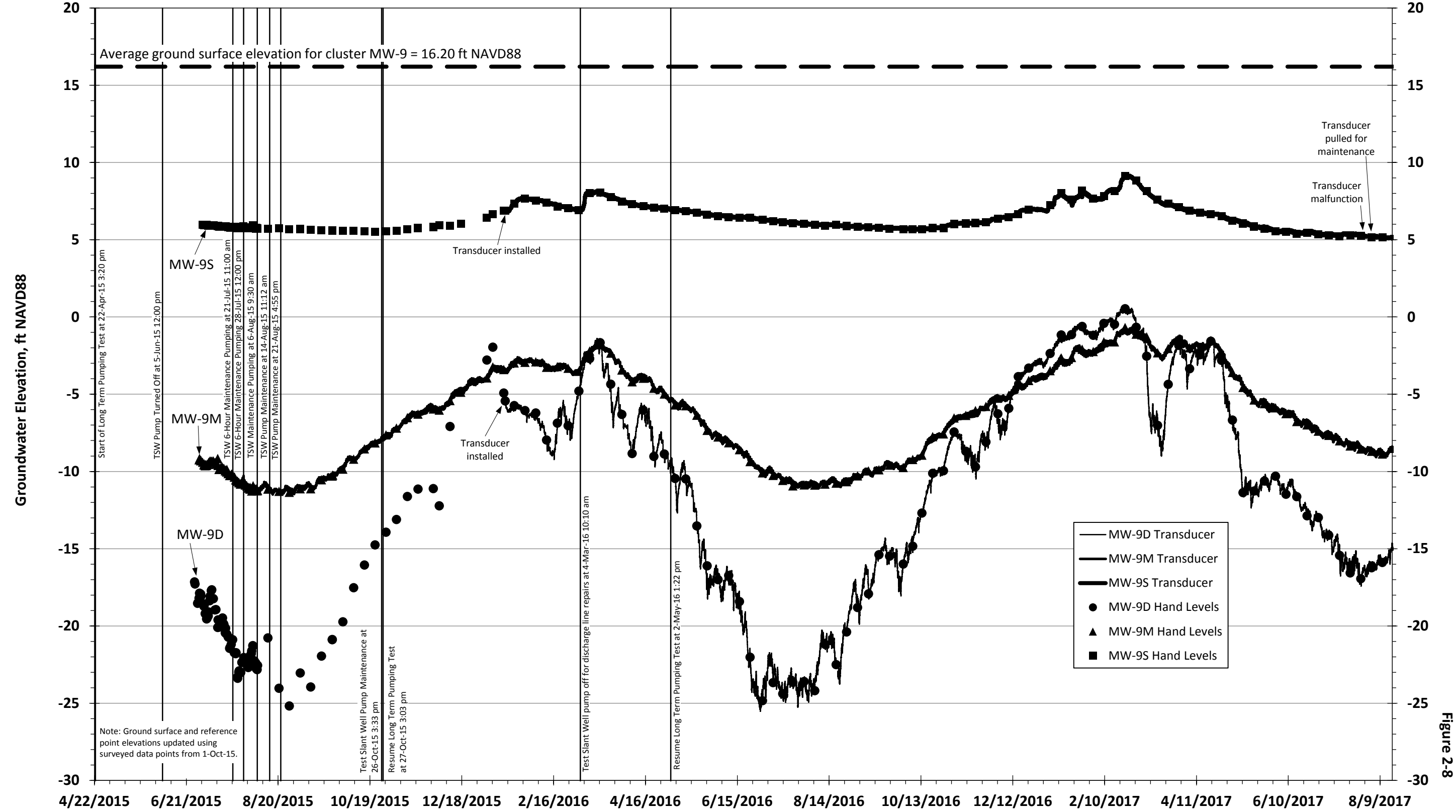
Groundwater Elevation in MPWSP MW-7



Groundwater Elevation in MPWSP MW-8



Groundwater Elevation in MPWSP MW-9



Groundwater Elevation in Monterey Regional Water Pollution Control Agency Wells

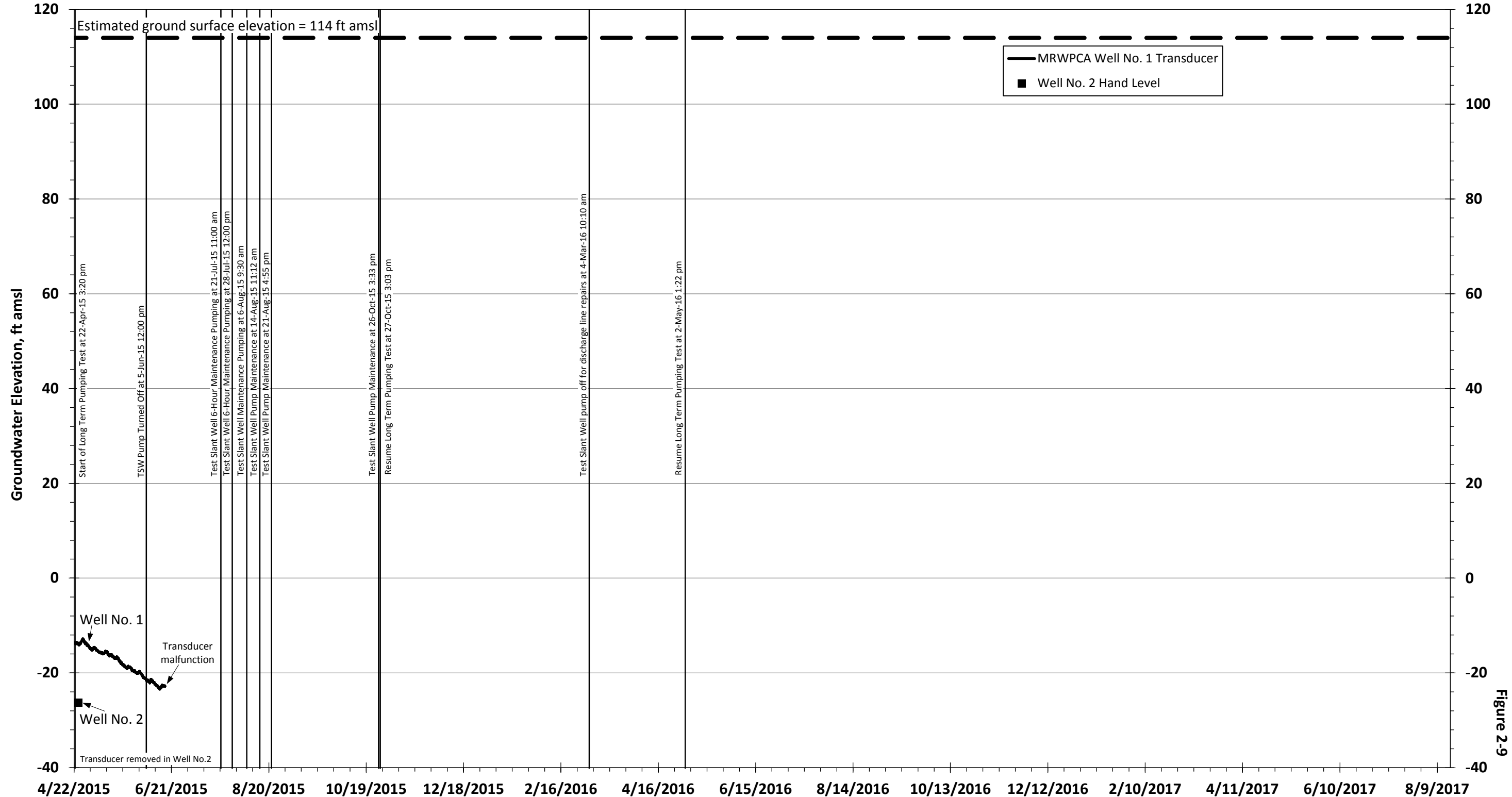


Figure 2-9

Surface Water Elevation in CEMEX Dredge Pond

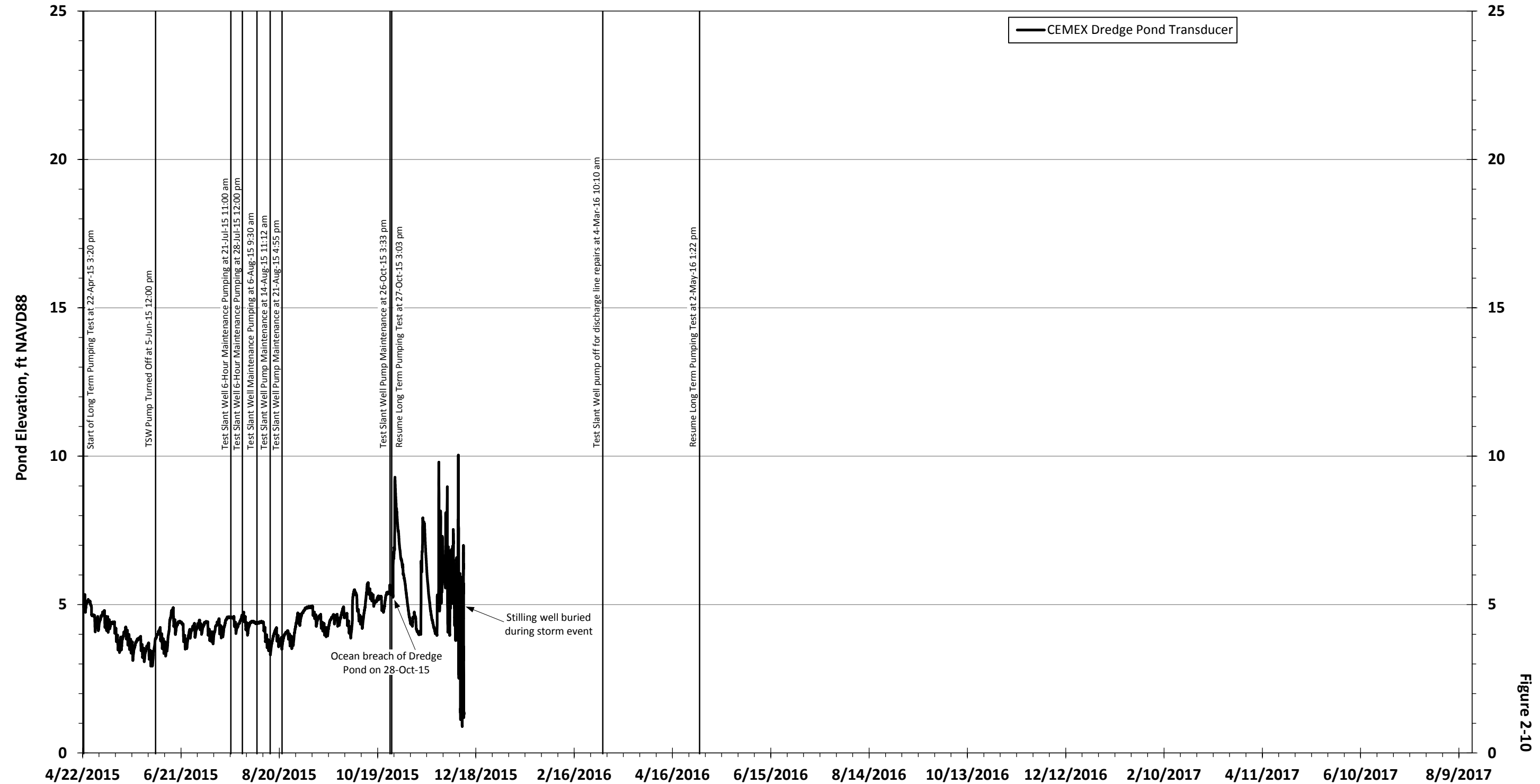


Figure 2-10

Groundwater Elevation in CEMEX North Well

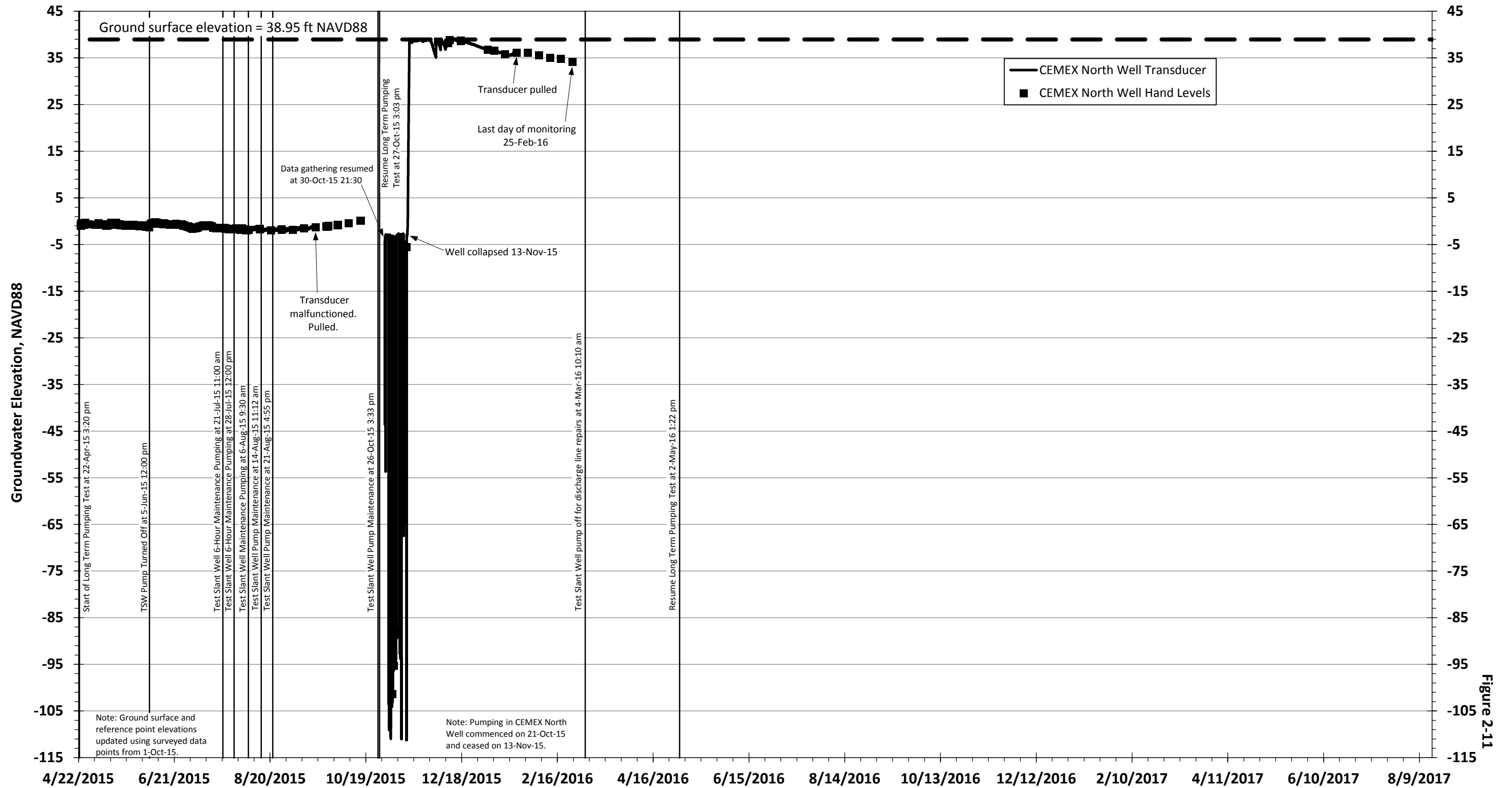
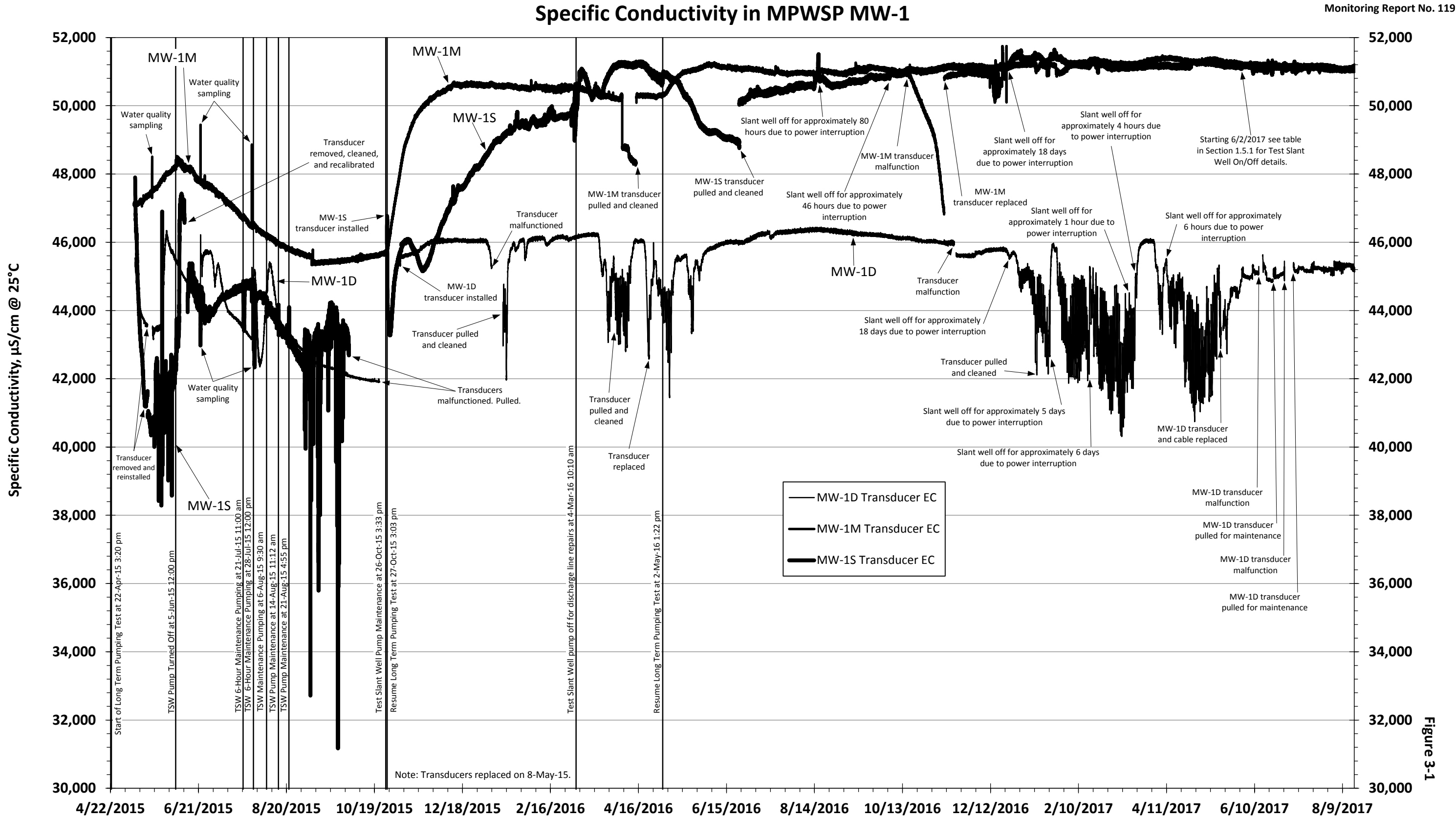


Figure 2-11

Monitoring Report No. 119





Specific Conductivity in MPWSP MW-3

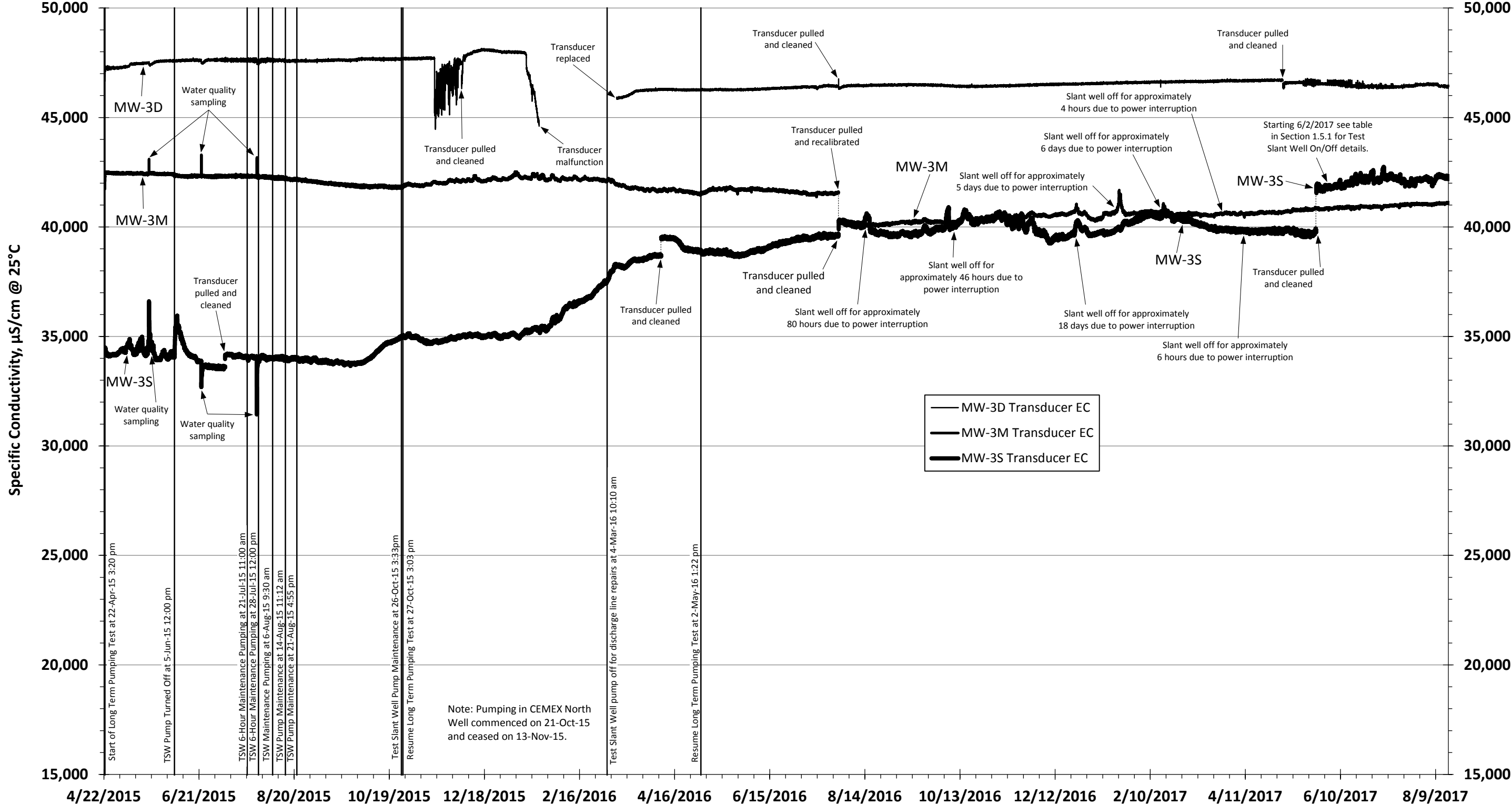


Figure 3-2

Specific Conductivity in MPWSP MW-4

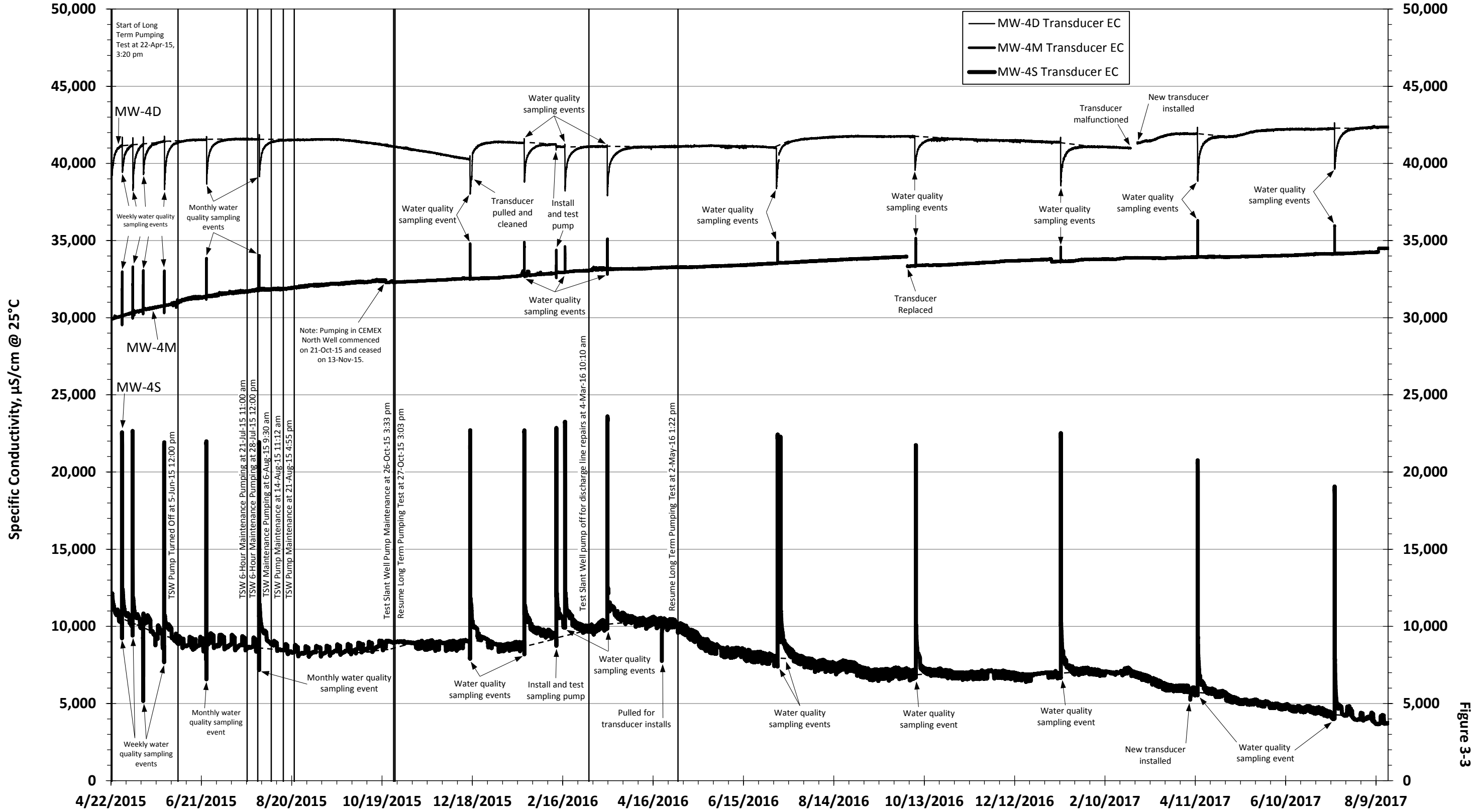


Figure 3-3

Specific Conductivity in MPWSP MW-5

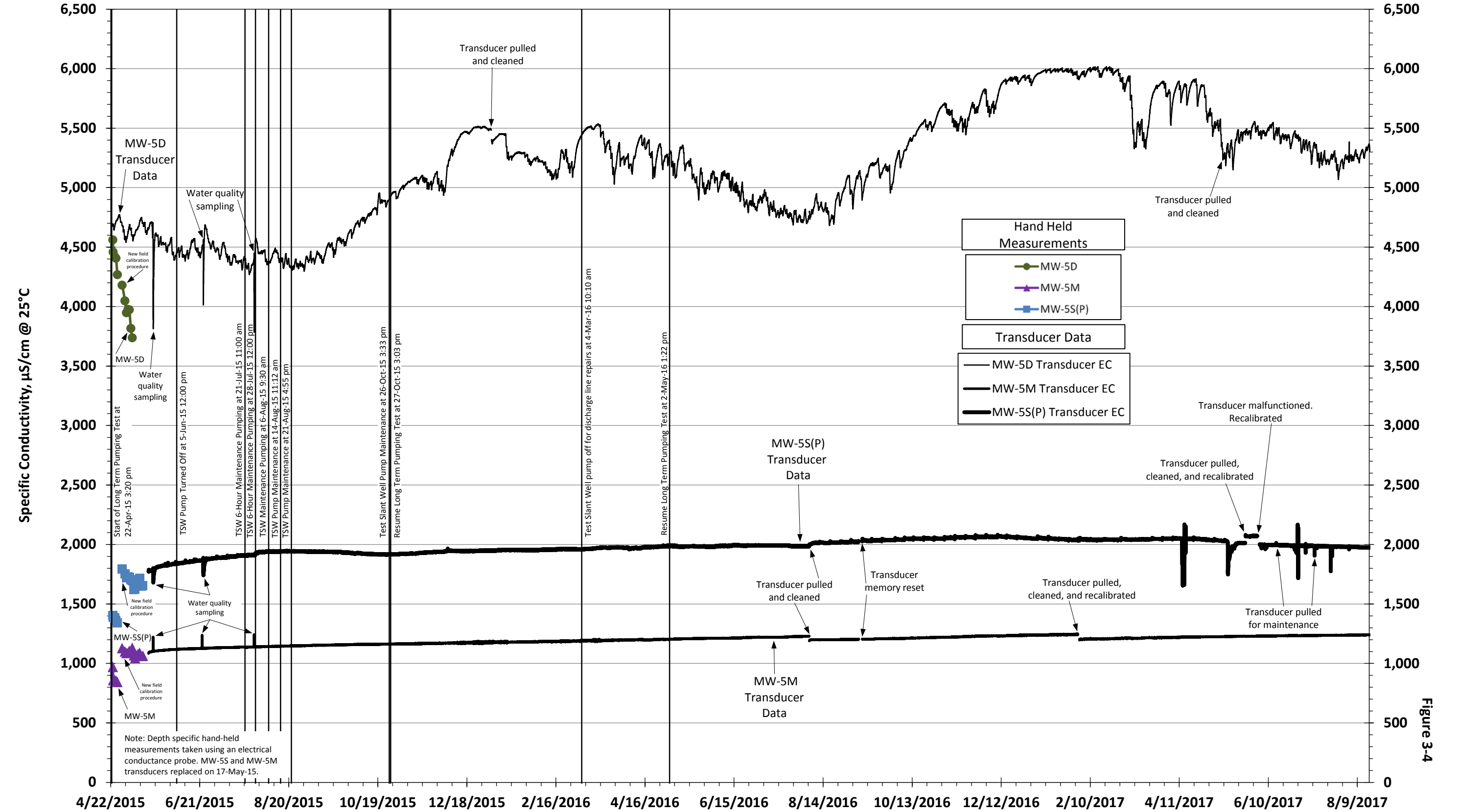


Figure 3-4

Specific Conductivity in MPWSP MW-6

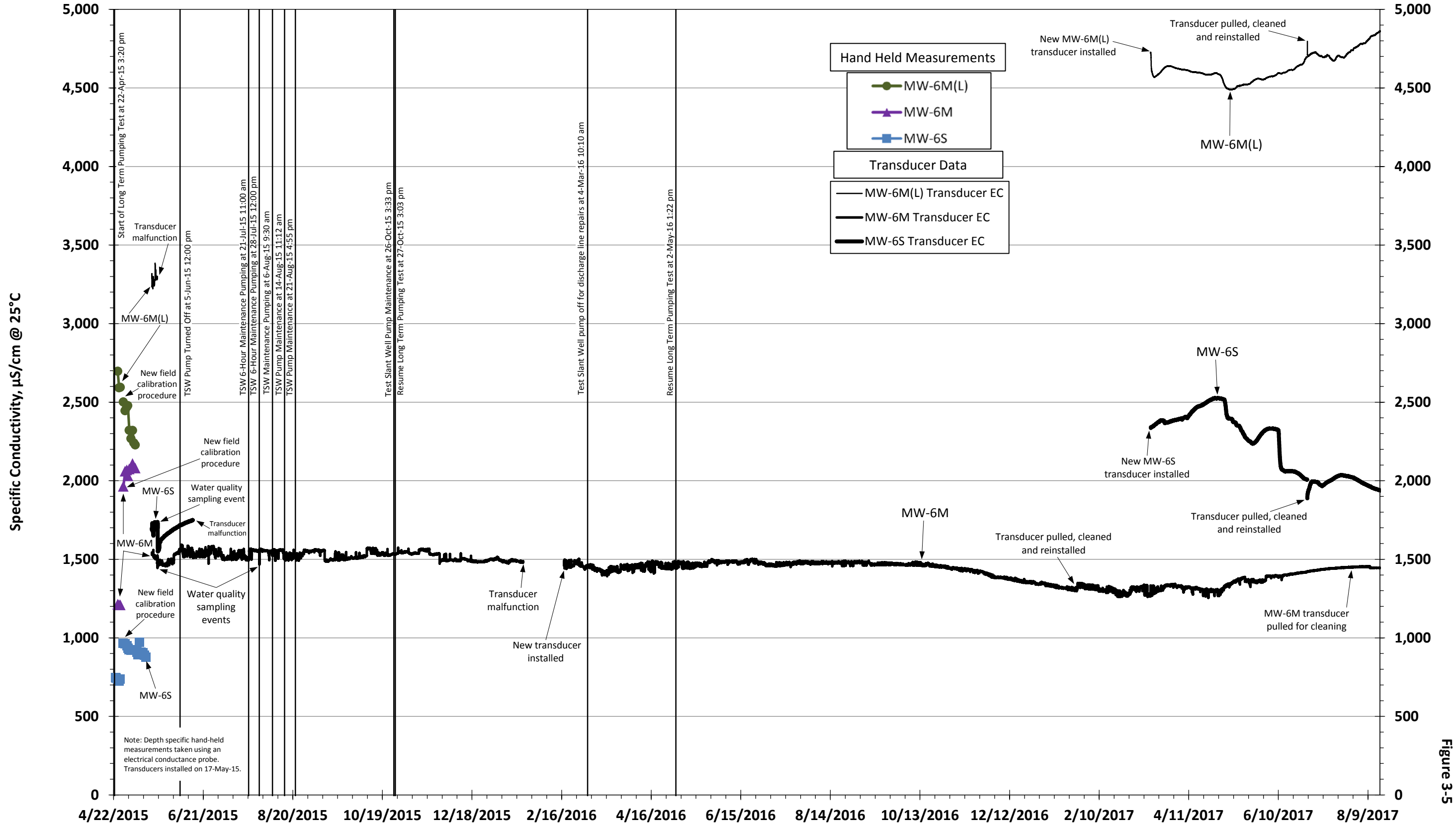


Figure 3-5

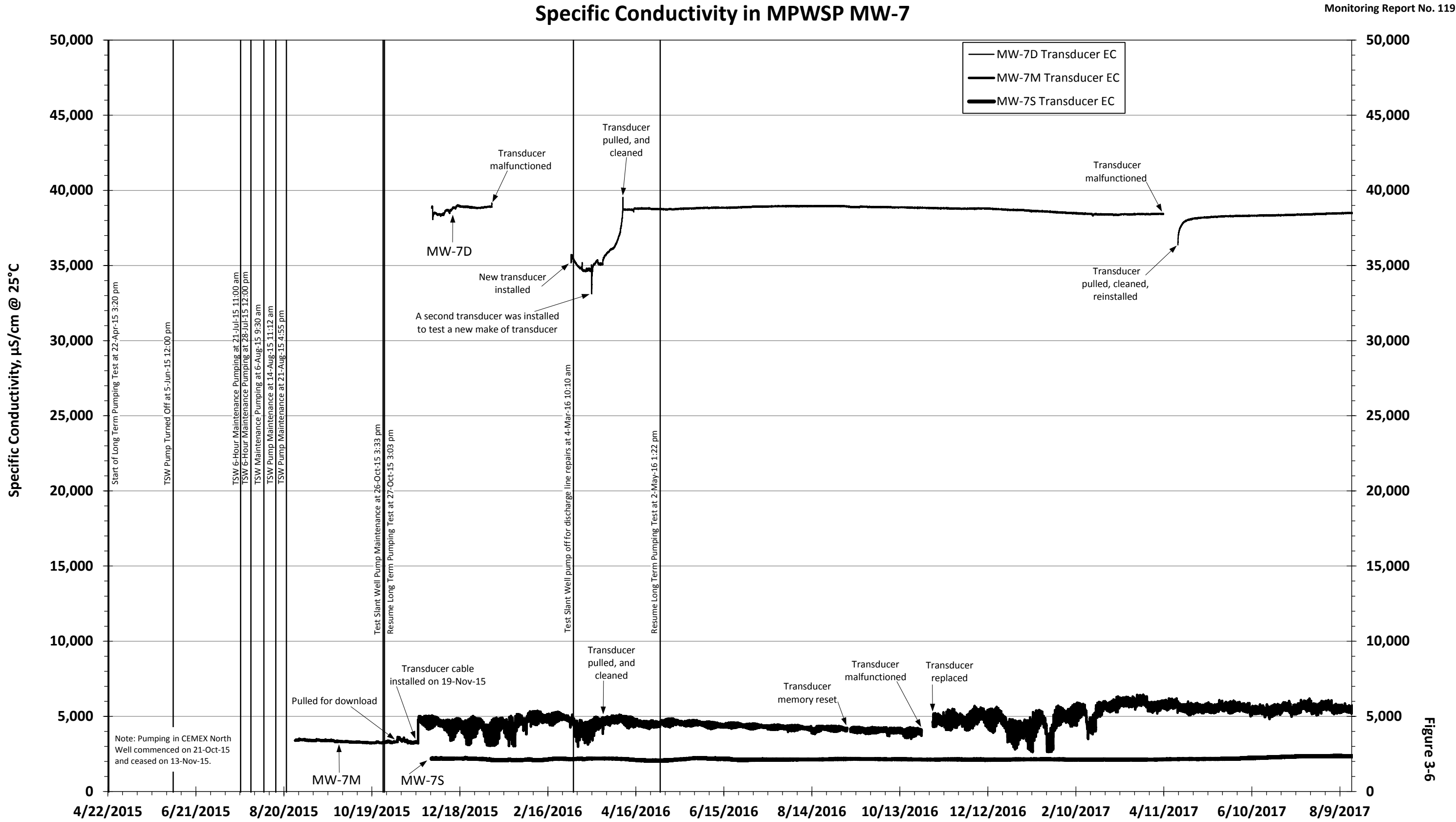


Figure 3-6

Specific Conductivity in MPWSP MW-8

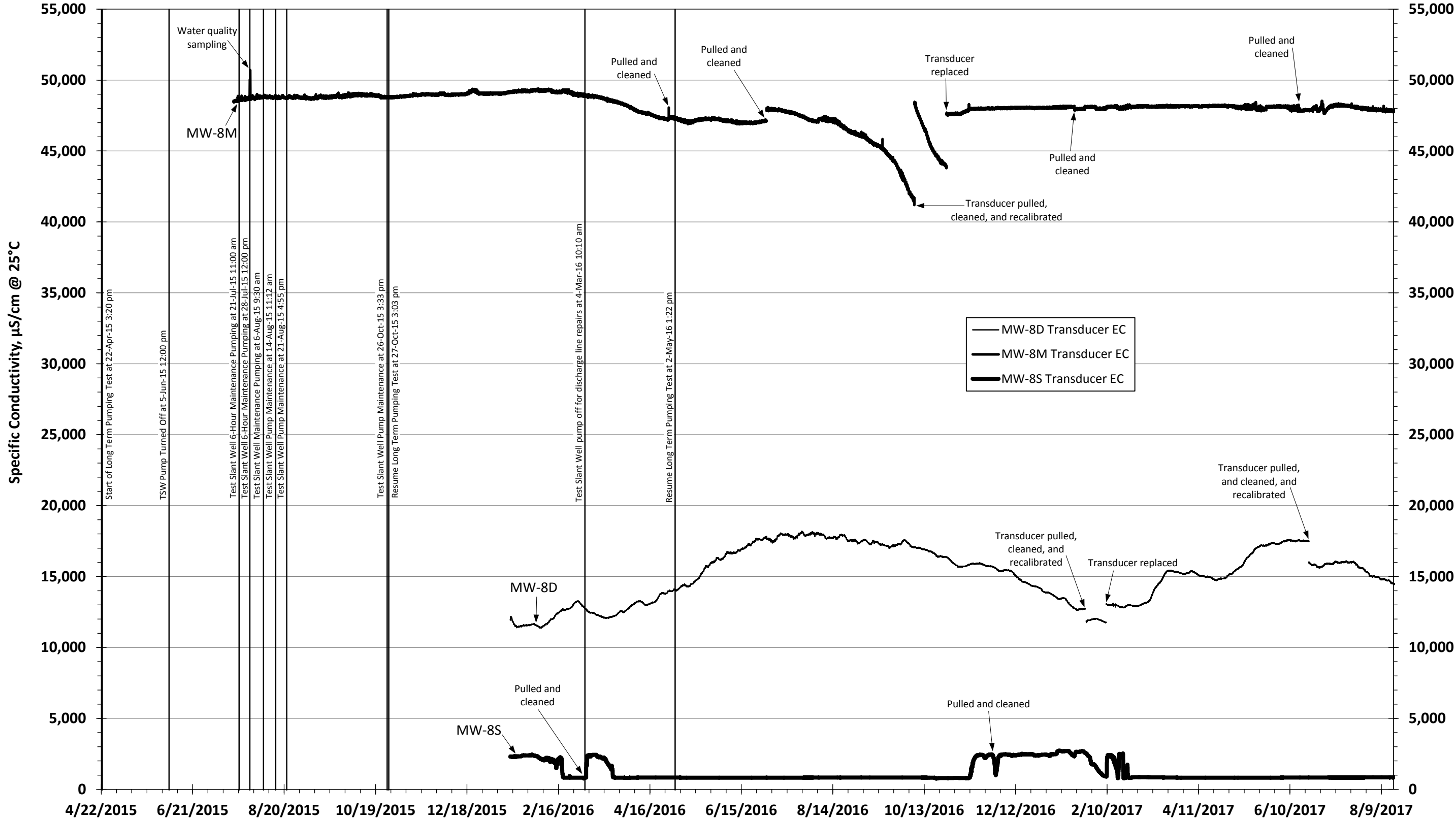


Figure 3-7

Specific Conductivity in MPWSP MW-9

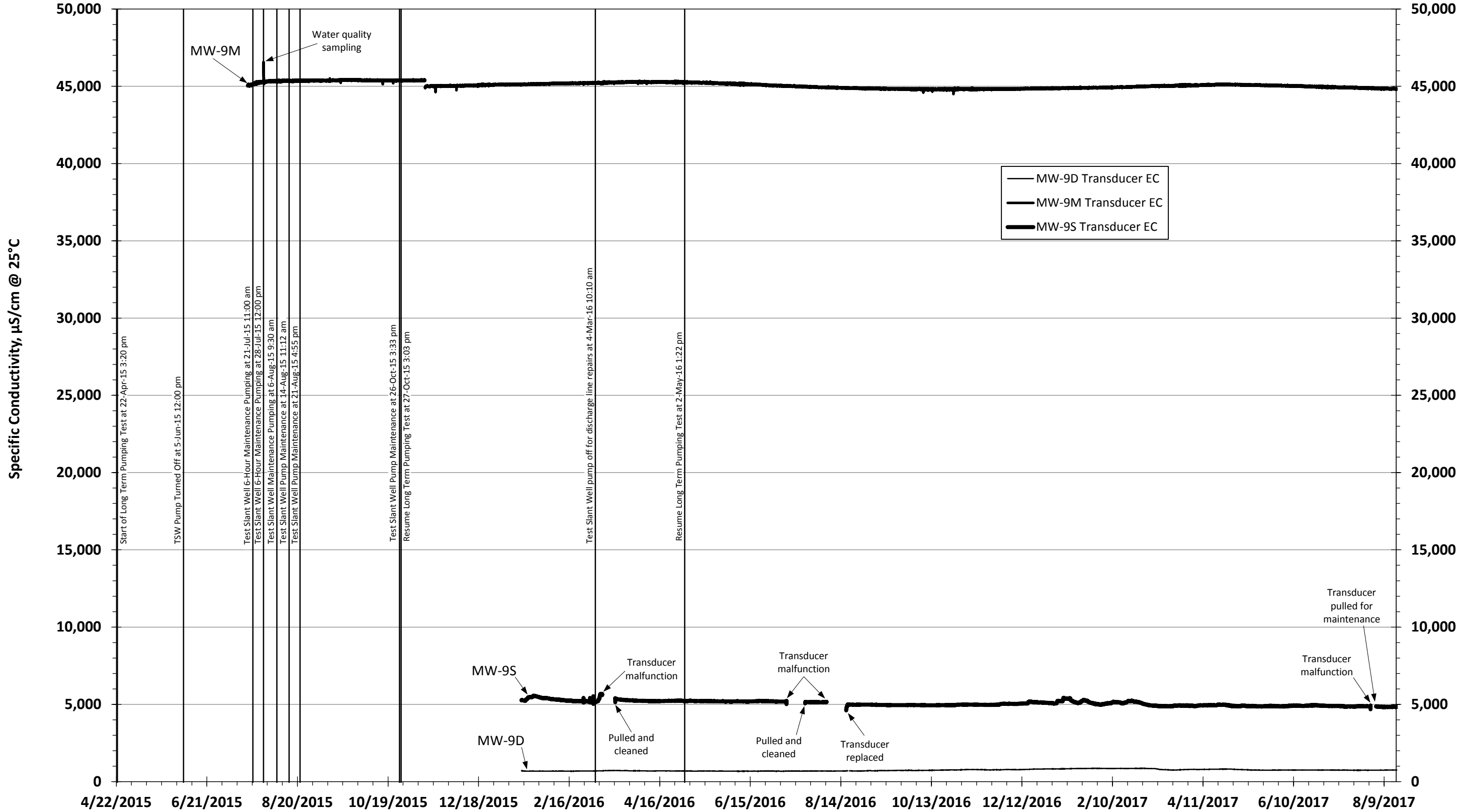


Figure 3-8

Specific Conductivity in Monterey Regional Water Pollution Control Agency Wells

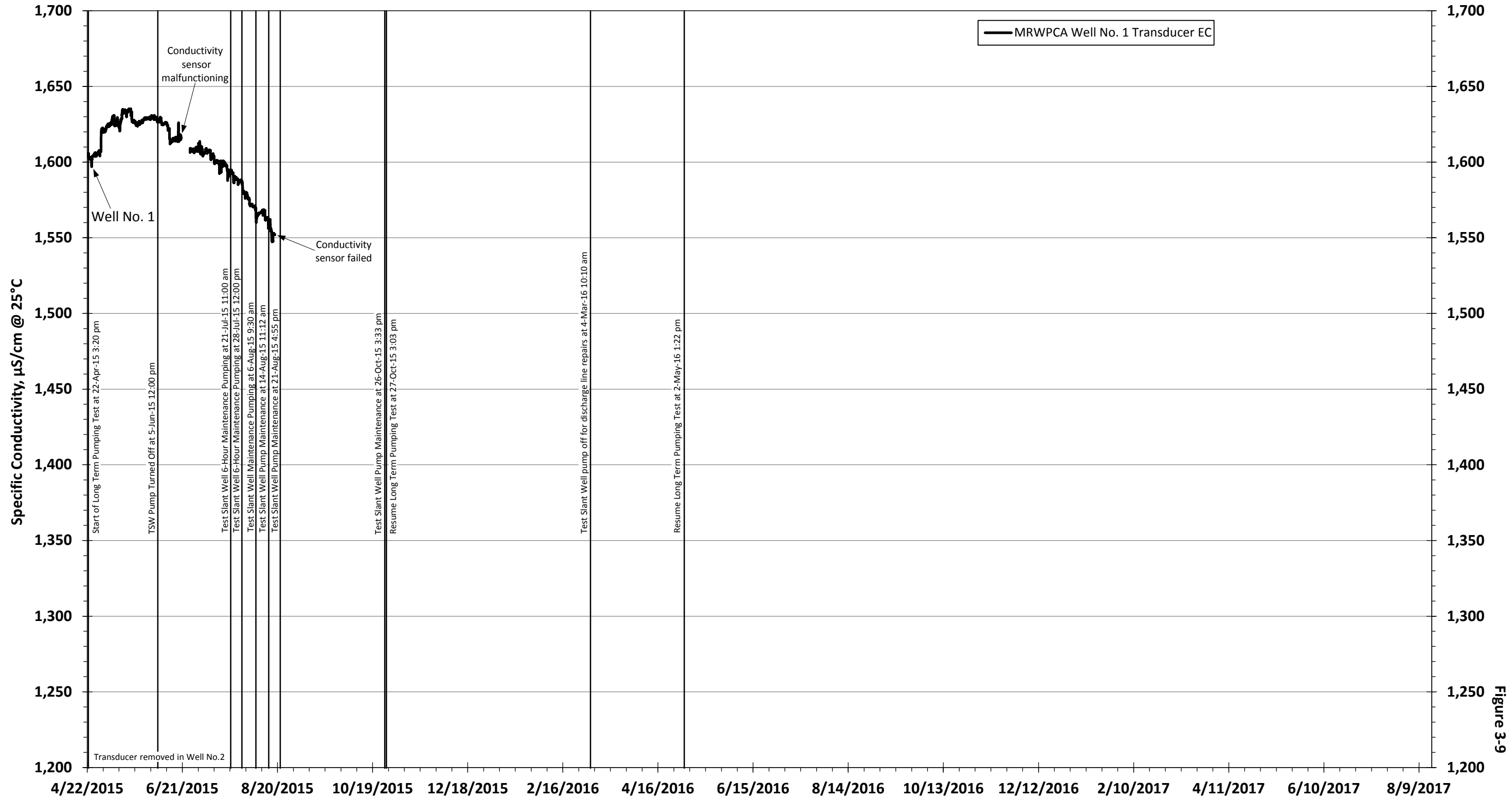
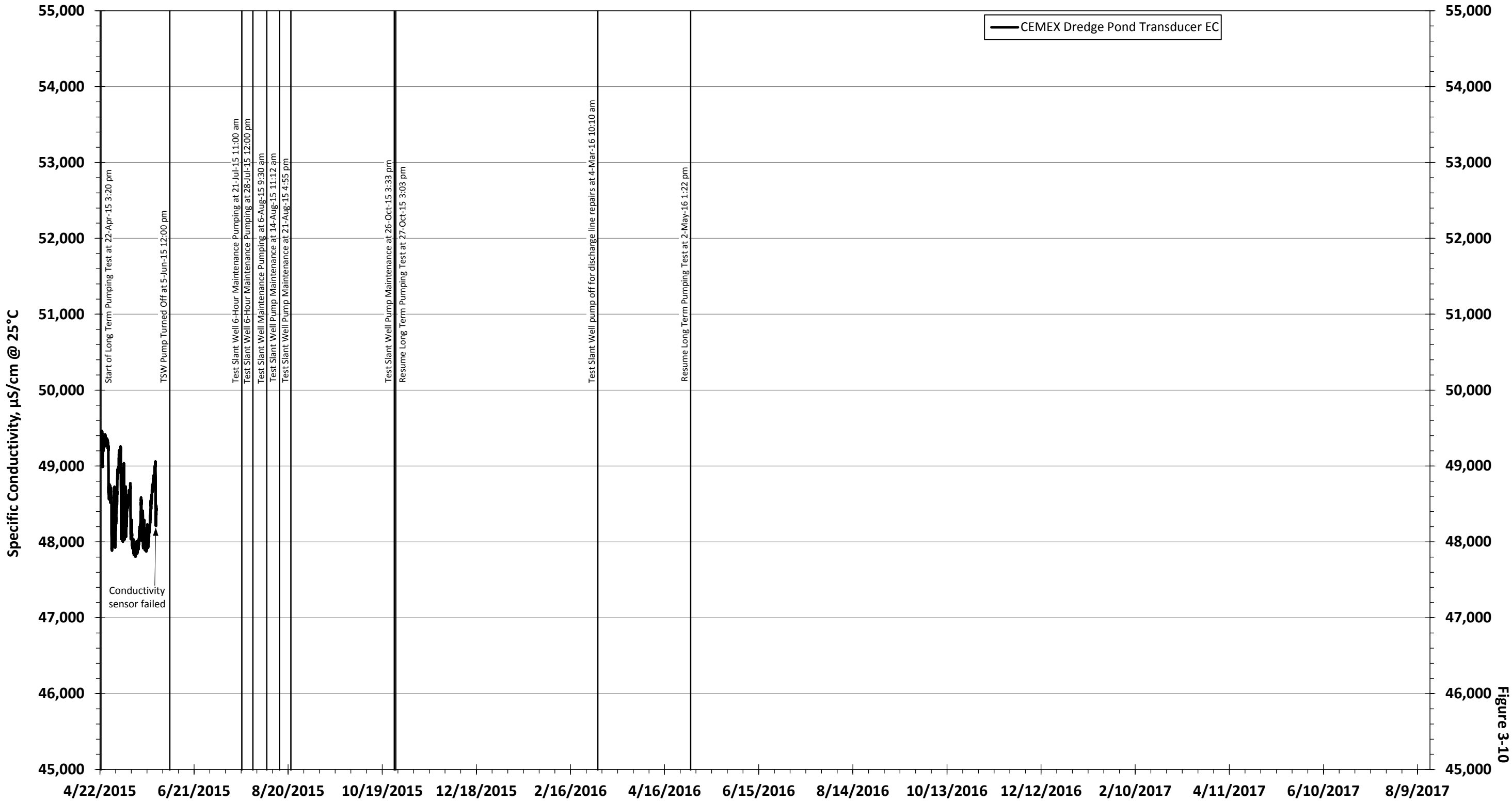


Figure 3-9

Specific Conductivity in CEMEX Dredge Pond



Specific Conductivity in CEMEX North Well

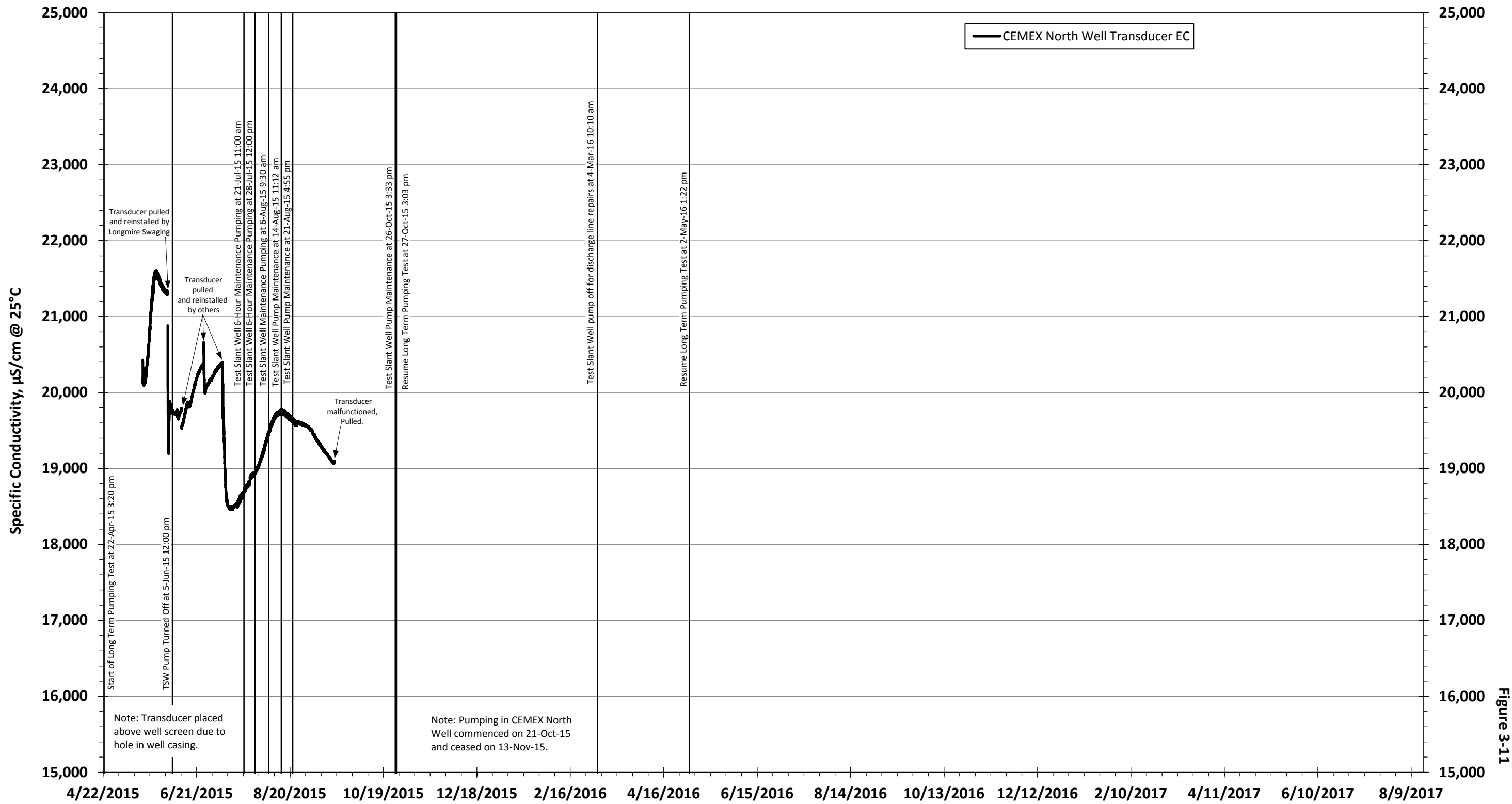


Figure 3-11

Specific Conductivity in MPWSP Test Slant Well

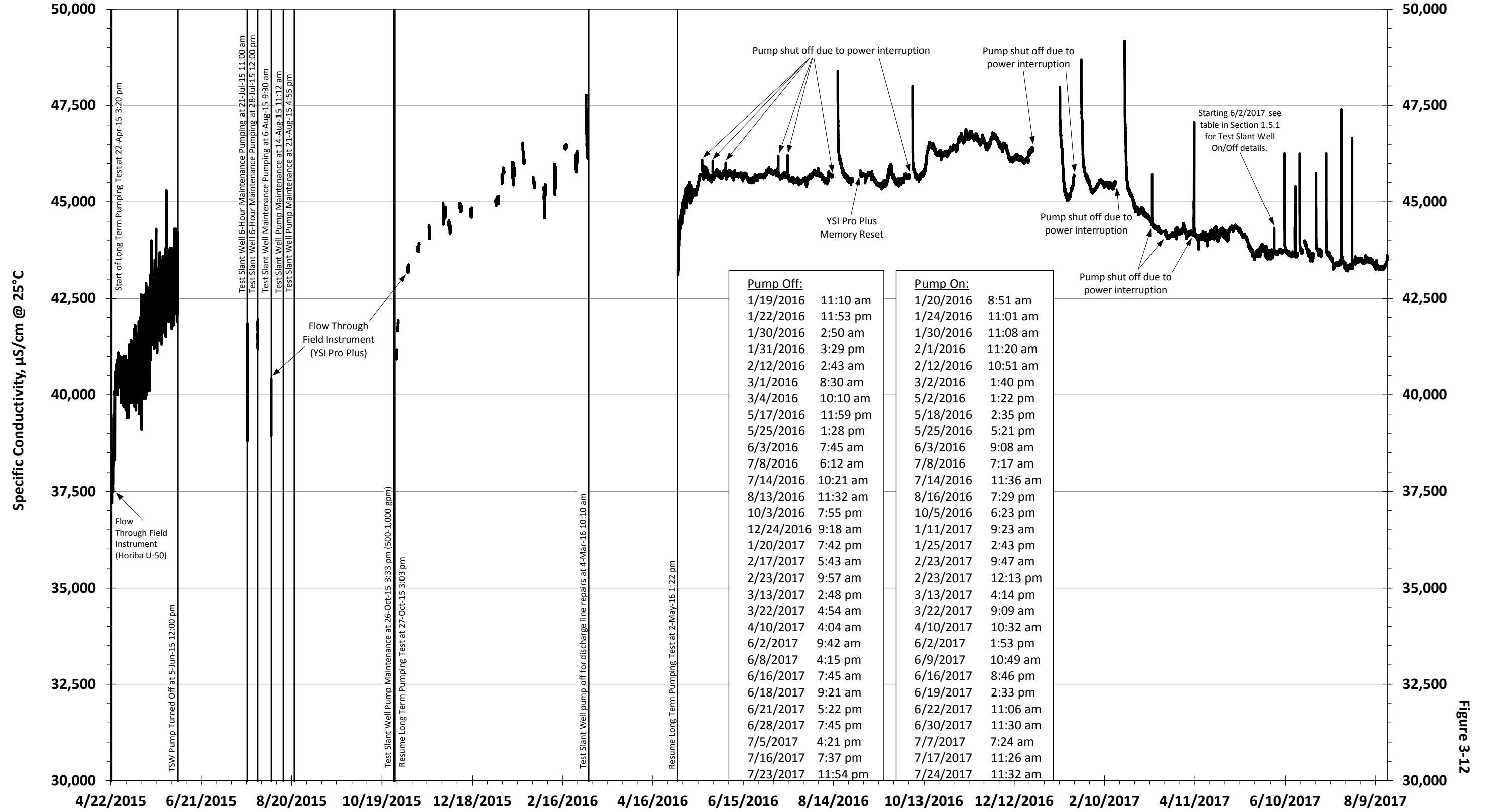


Figure 3-12

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 & EPA 350.1	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 508)	EPA 508	µg/L	ND	-	-	-	-	-	-	-	-	-
Color, Apparent (Unfiltered)	SM2120B	Color Units	4	-	4	ND	ND	ND	ND	6	-	4
Copper	EPA 200.7	µg/L	-	-	-	-	-	ND	ND	-	-	ND
Copper, Total	EPA 200.8	µg/L	44	-	75	74	40	-	-	-	-	-
DBCP & EDB	EPA 504.1	µg/L	ND	-	-	-	-	-	-	-	-	-
Dioxin	EPA 1613	pg/L	ND	-	-	-	-	-	-	-	-	-
Diquat (EPA 549)	EPA 549	µg/L	ND	-	-	-	-	-	-	-	-	-
Dissolved Anions	Calculation	Meq/L	431.33	-	453.50	451.38	491.70	491.97	496.41	-	-	447.47
Total Anions	Calculation	Meq/L	431.33	-	453.50	451.38	491.70	491.97	496.41	-	-	447.47
Dissolved Cations	Calculation	Meq/L	455.09	-	435.45	479.03	508.91	458.32	460.38	-	-	494.88
Total Cations	Calculation	Meq/L	430.99	-	477.91	445.16	524.66	458.67	465.32	-	-	483.86
Fluoride, Dissolved	EPA 300.0	mg/L	0.2	-	0.7	ND	ND	0.7	ND	-	-	0.8
Hardness (as CaCO3)	SM2340B/Calc	mg/L	4,751	-	5,879	5,796	6,066	5,748	5,924	-	-	5,798
Hydroxide	SM2320B	mg/L	ND	-	ND	ND	ND	ND	ND	-	-	ND
Iodide	EPA 9056M	µg/L	ND	-	ND	ND	ND	ND	ND	-	-	ND
Iron	EPA 200.7	µg/L	69	-	99	ND	ND	ND	ND	-	-	ND
Iron, Dissolved	EPA 200.7	µg/L	65	-	ND	ND	ND	ND	ND	-	-	ND
Kjeldahl Nitrogen, Dissolved	SM4500-NH3 B,C,E & EPA 351.1	mg/L	ND	-	ND	ND	ND	ND	ND	-	-	ND
Lead, Total	EPA 200.8	µg/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 & EPA 365.1	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 & EPA 365.1	mg/L	0.09	-	0.10	0.13	0.13	0.07	0.14	-	-	0.10
Potassium	EPA 200.7	mg/L	203	-	212	209	231	220	226	-	-	256
Potassium, Dissolved	EPA 200.7	mg/L	213	-	185	230	227	219	220	-	-	263
QC Ratio TDS/SEC	Calculation	-	0.67	0.66	0.64	0.66	0.67	0.67	0.68	0.67	0.67	0.68
Reg. Org. Compounds (EPA 525)	EPA 525	µg/L	ND	-	-	-	-	-	-	-	-	-
Salinity	SM2520B	psu	-	-	-	-	-	-	-	-	-	-
Silica as SiO2, Dissolved	EPA 200.7	mg/L	20	-	16	22	19	17	20	-	-	19
Sodium	EPA 200.7	mg/L	7,606	-	8,163	7,448	9,148	7,774	7,835	-	-	8,309
Sodium, Dissolved	EPA 200.7	mg/L	8,040	-	7,400	8,020	8,840	7,770	7,780	-	-	8,490
Specific Conductance (E.C)	SM2510B	µmhos/cm	37,860	39,500	41,110	41,800	42,100	42,410	42,950	41,400	43,940	43,730
Specific Conductance (E.C) (Field)	SM2510B	µmhos/cm	38,097	40,100	40,600	42,400	41,900	42,400	43,300	40,915	43,940	44,222
Strontium, Dissolved	EPA 200.8	µg/L	7,440	-	7,820	8,008	8,349	7,734	7,900	-	-	7,670
Sulfate, Dissolved	EPA 300.0	mg/L	1,840	-	2,018	2,096	2,160	2,181	2,188	-	-	1,973
Temperature (Field)	SM2550	° C	17.20	16.79	16.71	16.86	16.63	16.35	16.68	18.4	17.1	17.1
Total Diss. Solids	SM2540C	mg/L	25,400	26,000	26,300	27,600	28,400	28,500	29,100	27,700	29,400	29,800
Turbidity	EPA 180.1	NTU	0.40	-	0.30	0.30	0.25	0.25	0.15	0.5	-	0.30
Turbidity (Field)	EPA 180.1	NTU	0.74	0.84	0.69	0.76	0.30	0.29	0.353	0.59	0.98	0.61
Volatile Org. Compounds (524)	EPA 524	µg/L	ND	-	-	-	-	-	-	-	-	-
Zinc	EPA 200.7	µg/L	-	-	-	-	-	142	ND	-	-	ND
Zinc, Total	EPA 200.8	µg/L	ND	-	158	ND	209	-	-	-	-	-
PCBs, Total	EPA 508	µg/L	ND	-	-	-	-	-	-	-	-	-
Total PCB	EPA 1668C	pg/L	-	-	7.68	-	ND	12.2	0.766	-	-	-

Notes:

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

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

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

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

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 & EPA 350.1	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 508)	EPA 508	µg/L	ND	-	-	-	-	-	-	ND	-	-
Color, Apparent (Unfiltered)	SM2120B	Color Units	7	4	ND	ND	3	5	ND	ND	ND	5
Copper	EPA 200.7	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Copper, Total	EPA 200.8	µg/L	-	-	-	-	-	-	-	-	-	-
DBCP & EDB	EPA 504.1	µg/L	ND	-	-	-	-	-	-	ND	-	-
Dioxin	EPA 1613	pg/L	ND	-	-	-	-	-	-	ND	-	-
Diquat (EPA 549)	EPA 549	µg/L	ND	-	-	-	-	-	-	ND	-	-
Dissolved Anions	Calculation	Meq/L	503.06	503.06	507.53	516.55	514.28	529.53	493.46	524.48	535.83	529.87
Total Anions	Calculation	Meq/L	503.06	510.47	507.53	516.55	514.28	529.53	493.46	524.48	535.83	529.87
Dissolved Cations	Calculation	Meq/L	526.37	498.07	506.84	484.86	457.70	533.96	514.92	523.20	521.97	537.19
Total Cations	Calculation	Meq/L	544.39	500.67	500.01	510.72	466.00	526.46	484.44	516.68	524.71	526.05
Fluoride, Dissolved	EPA 300.0	mg/L	0.8	0.8	ND	ND	ND	ND	ND	ND	ND	ND
Hardness (as CaCO3)	SM2340B/Calc	mg/L	6,383	5,890	5,756	6,710	5,651	5,938	5,909	5,918	5,940	5,972
Hydroxide	SM2320B	mg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Iodide	EPA 9056M	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Iron	EPA 200.7	µg/L	ND	ND	ND	96	ND	ND	ND	ND	ND	ND
Iron, Dissolved	EPA 200.7	µg/L	ND	ND	ND	126	ND	ND	ND	ND	ND	ND
Kjeldahl Nitrogen, Dissolved	SM4500-NH3 B,C,E & EPA 351.1	mg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Lead, Total	EPA 200.8	µg/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 & EPA 365.1	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 & EPA 365.1	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 & EPA 350.1	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 508)	EPA 508	µg/L	-	-	-	-	-	-	-	-	-	-
Color, Apparent (Unfiltered)	SM2120B	Color Units	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Copper	EPA 200.7	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Copper, Total	EPA 200.8	µg/L	-	-	-	-	-	-	-	-	-	-
DBCP & EDB	EPA 504.1	µg/L	-	-	-	-	-	-	-	-	-	-
Dioxin	EPA 1613	pg/L	-	-	-	-	-	-	-	-	-	-
Diquat (EPA 549)	EPA 549	µg/L	-	-	-	-	-	-	-	-	-	-
Dissolved Anions	Calculation	Meq/L	538.01	536.27	541.32	499.99	499.14	530.65	509.47	510.34	528.27	520.48
Total Anions	Calculation	Meq/L	538.01	536.27	541.32	499.99	499.14	530.65	509.47	510.34	528.27	520.48
Dissolved Cations	Calculation	Meq/L	522.84	541.86	557.28	520.85	514.63	529.51	491.98	515.26	496.63	479.25
Total Cations	Calculation	Meq/L	520.40	544.60	540.75	516.58	507.73	540.16	497.14	507.81	493.75	481.32
Fluoride, Dissolved	EPA 300.0	mg/L	ND	ND	1.1	1.0	ND	ND	ND	ND	ND	ND
Hardness (as CaCO3)	SM2340B/Calc	mg/L	5,870	6,112	5,901	5,739	5,776	6,316	5,492	5,656	5,822	5,732
Hydroxide	SM2320B	mg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Iodide	EPA 9056M	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Iron	EPA 200.7	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Iron, Dissolved	EPA 200.7	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Kjeldahl Nitrogen, Dissolved	SM4500-NH3 B,C,E & EPA 351.1	mg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Lead, Total	EPA 200.8	µg/L	ND	ND	4	ND	ND	5	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 & EPA 365.1	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 & EPA 365.1	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 & EPA 350.1	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 508)	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
Kjeldahl Nitrogen, Dissolved	SM4500-NH3 B,C,E & EPA 351.1	mg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Lead, Total	EPA 200.8	µg/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 & EPA 365.1	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 & EPA 365.1	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:

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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 & EPA 350.1	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 508)	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
Kjeldahl Nitrogen, Dissolved	SM4500-NH3 B,C,E & EPA 351.1	mg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Lead, Total	EPA 200.8	µg/L	ND	ND	ND	ND	ND	6	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 & EPA 365.1	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 & EPA 365.1	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 = 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:			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 & EPA 350.1	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 508)	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
Kjeldahl Nitrogen, Dissolved	SM4500-NH3 B,C,E & EPA 351.1	mg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Lead, Total	EPA 200.8	µg/L	ND	ND	ND	4	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 & EPA 365.1	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 & EPA 365.1	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 = Micorgrams per Liter
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ND = NOT DETECTED at or above the Reporting Limit (RL) or
Practical Quantitation Limit (PQL). See laboratory water
quality reports for RL and PQL values.

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

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 & EPA 350.1	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 508)	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
Kjeldahl Nitrogen, Dissolved	SM4500-NH3 B,C,E & EPA 351.1	mg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Lead, Total	EPA 200.8	µg/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 & EPA 365.1	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 & EPA 365.1	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	3-May-17	10-May-17	18-May-17	24-May-17	31-May-17	8-Jun-17	14-Jun-17
Constituent	Method	Units	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
Alkalinity, Total (as CaCO3)	SM2320B	mg/L	107	108	108	109	108	108	108	111	113	113
Aluminum, Total	EPA 200.8	µg/L	ND	116	106	ND	ND	ND	ND	ND	ND	ND
Ammonia-N, Dissolved	SM4500NH3 D & EPA 350.1	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	0.29	0.29	0.30	0.33	0.34	0.29	0.32	0.32	0.30	0.30
Barium, Dissolved	EPA 200.8	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	72	ND
Bicarbonate (as HCO3-)	SM2320B	mg/L	131	132	132	133	132	132	132	135	138	138
Boron, Dissolved	EPA 200.7	mg/L	2.87	3.06	2.86	3.2	3.13	3.34	3.33	2.77	3.55	2.84
Bromide, Dissolved	EPA 300.0	mg/L	51.9	55.3	54.5	54.1	55.9	55.7	56.6	53.9	62.2	57
Calcium	EPA 200.7	mg/L	442	460	439	439	464	462	456	521	500	494
Calcium, Dissolved	EPA 200.7	mg/L	450	418	429	433	464	469	478	526	496	490
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	16,528	16,171	15,973	15,733	16,016	15,903	15,975	15,393	16,064	15,908
Chlorinated Pesticides and PCB (EPA 508)	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	516.78	506.03	500.60	493.11	501.27	498.04	499.89	482.94	502.84	498.13
Total Anions	Calculation	Meq/L	516.78	506.03	500.60	493.11	501.27	498.04	499.89	482.94	502.84	498.13
Dissolved Cations	Calculation	Meq/L	496.81	518.02	487.93	457.64	483.41	511.09	529.98	511.80	539.35	538.05
Total Cations	Calculation	Meq/L	479.82	531.51	486.29	470.10	483.80	499.09	514.21	502.48	540.68	555.31
Fluoride, Dissolved	EPA 300.0	mg/L	ND	0.8	0.9	0.7	0.8	0.8	0.8	0.8	0.8	0.8
Hardness (as CaCO3)	SM2340B/Calc	mg/L	5,403	5,378	5,268	5,255	5,503	5,675	5,796	5,790	5,745	5,916
Hydroxide	SM2320B	mg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Iodide	EPA 9056M	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Iron	EPA 200.7	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Iron, Dissolved	EPA 200.7	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Kjeldahl Nitrogen, Dissolved	SM4500-NH3 B,C,E & EPA 351.1	mg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Lead, Total	EPA 200.8	µg/L	ND	ND	ND	ND	ND	ND	ND	-	ND	ND
Lithium	EPA 200.8	µg/L	184	177	187	154	158	160	145	134	175	173
Magnesium	EPA 200.7	mg/L	1,040	1,030	1,010	1,010	1,060	1,100	1,130	1,090	1,090	1,140
Magnesium, Dissolved	EPA 200.7	mg/L	1,080	1,150	921	973	1,051	1,130	1,120	1,120	1,120	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	7	7	4	4	4	4	4	4	4
Nitrate+Nitrite as N	EPA 300.0	mg/L	0.8	1.5	1.5	1.1	0.9	1.0	0.9	0.9	0.9	0.9
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	2	1	1
o-Phosphate-P	Hach 8048 & EPA 365.1	mg/L	0.09	0.08	0.08	0.08	0.08	0.09	0.08	0.08	0.08	0.08
pH (Field Test)	SM4500-H+B	pH	7.08	7.08	7.08	7.08	7.08	7.01	7.02	7.02	6.98	7.16
pH (Laboratory)	SM4500-H+B	pH (H)	6.8	7.1	7.2	7.3	7.3	7.3	7.2	7.1	7.3	7.2
Phenoxy Acid Herbicides (515.3)	EPA 515.3	µg/L	-	-	-	-	-	-	-	-	-	-
Phosphorus, Dissolved Total	HACH 8190 & EPA 365.1	mg/L	0.08	0.08	0.09	0.08	0.06	0.09	0.07	0.08	0.09	0.06
Potassium	EPA 200.7	mg/L	272	273	272	314	276	288	291	324	384	319
Potassium, Dissolved	EPA 200.7	mg/L	275	278	259	264	276	295	300	295	325	320
QC Ratio TDS/SEC	Calculation	-	0.65	0.67	0.67	0.68	0.67	0.68	0.68	0.67	0.67	0.68
Reg. Org. Compounds (EPA 525)	EPA 525	µg/L	-	-	-	-	-	-	-	-	-	-
Salinity	SM2520B	psu	28.4	28.4	28.4	28.5	28.7	28.2	28.2	28.2	28.5	28.3
Silica as SiO2, Dissolved	EPA 200.7	mg/L	ND	14	11	ND	13	15	15	20	17	ND
Sodium	EPA 200.7	mg/L	8,396	9,582	8,605	8,208	8,422	8,693	8,989	8,701	9,568	9,855
Sodium, Dissolved	EPA 200.7	mg/L	8,700	9,090	8,830	8,270	8,430	8,900	9,340	8,870	9,520	9,500
Specific Conductance (E.C)	SM2510B	µmhos/cm	44,010	44,100	44,020	44,120	44,420	43,820	43,730	43,740	44,180	43,840
Specific Conductance (E.C) (Field)	SM2510B	µmhos/cm	44,004	44,144	44,093	44,202	44,254	43,823	43,689	43,626	43,677	43,625
Strontium, Dissolved	EPA 200.8	µg/L	7,948	7,160	7,098	7,256	6,858	6,773	6,865	6,810	7,575	7,244
Sulfate, Dissolved	EPA 300.0	mg/L	2,290	2,252	2,260	2,226	2,235	2,233	2,224	2,197	2,237	2,225
Temperature (Field)	SM2550	° C	15.0	15.3	15.3	15.4	15.2	15.2	15.3	15.4	15.3	15.4
Total Diss. Solids	SM2540C	mg/L	28,800	29,600	29,400	29,900	29,800	29,600	29,600	29,300	29,600	30,000
Turbidity	EPA 180.1	NTU	0.20	0.20	0.25	0.25	1.5	0.60	0.25	0.20	0.15	0.15
Turbidity (Field)	EPA 180.1	NTU	0.12	0.15	0.22	0.25	0.21	0.21	0.13	0.14	0.18	0.21
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:			21-Jun-17	28-Jun-17	5-Jul-17	12-Jul-17	19-Jul-17	26-Jul-17
Constituent	Method	Units	Result	Result	Result	Result	Result	Result
Alkalinity, Total (as CaCO3)	SM2320B	mg/L	112	114	114	115	114	114
Aluminum, Total	EPA 200.8	µg/L	ND	ND	ND	ND	ND	ND
Ammonia-N, Dissolved	SM4500NH3 D & EPA 350.1	mg/L	ND	ND	ND	ND	ND	ND
Arsenic, Total ¹	EPA 200.8	µg/L	-	-	-	-	-	-
Arsenic, Total	EPA 1640	µg/L	0.29	0.36	0.36	0.23	0.28	0.22
Barium, Dissolved	EPA 200.8	µg/L	ND	ND	ND	ND	ND	ND
Bicarbonate (as HCO3-)	SM2320B	mg/L	137	139	139	140	139	139
Boron, Dissolved	EPA 200.7	mg/L	3.77	3.33	3.3	2.44	3.33	3.40
Bromide, Dissolved	EPA 300.0	mg/L	51.9	51.0	52.2	55.3	56.5	57.9
Calcium	EPA 200.7	mg/L	559	490	561	523	486	504
Calcium, Dissolved	EPA 200.7	mg/L	580	482	508	541	488	506
Carbamates by HPLC (EPA 531)	EPA 531	µg/L	-	-	-	-	-	-
Carbonate as CaCO3	SM2320B	mg/L	ND	ND	ND	ND	ND	ND
Chloride, Dissolved	EPA 300.0	mg/L	15,110	15,550	15,817	15,996	16,292	16,572
Chlorinated Pesticides and PCB (EPA 508)	EPA 508	µg/L	-	-	-	-	-	-
Color, Apparent (Unfiltered)	SM2120B	Color Units	ND	ND	ND	ND	ND	ND
Copper	EPA 200.7	µg/L	ND	ND	ND	ND	ND	ND
Copper, Total	EPA 200.8	µg/L	-	-	-	-	-	-
DBCP & EDB	EPA 504.1	µg/L	-	-	-	-	-	-
Dioxin	EPA 1613	pg/L	-	-	-	-	-	-
Diquat (EPA 549)	EPA 549	µg/L	-	-	-	-	-	-
Dissolved Anions	Calculation	Meq/L	475.36	488.10	495.48	496.86	509.36	518.74
Total Anions	Calculation	Meq/L	475.36	488.10	495.48	496.86	509.36	518.74
Dissolved Cations	Calculation	Meq/L	526.04	508.51	529.93	502.41	499.74	499.71
Total Cations	Calculation	Meq/L	520.58	511.83	549.43	514.48	488.40	490.03
Fluoride, Dissolved	EPA 300.0	mg/L	0.8	0.8	0.8	0.7	0.7	0.7
Hardness (as CaCO3)	SM2340B/Calc	mg/L	6,255	5,622	6,095	5,473	5,212	5,607
Hydroxide	SM2320B	mg/L	ND	ND	ND	ND	ND	ND
Iodide	EPA 9056M	µg/L	ND	ND	ND	ND	ND	ND
Iron	EPA 200.7	µg/L	ND	ND	ND	ND	ND	ND
Iron, Dissolved	EPA 200.7	µg/L	ND	ND	ND	ND	ND	ND
Kjeldahl Nitrogen, Dissolved	SM4500-NH3 B,C,E & EPA 351	mg/L	ND	ND	ND	ND	ND	ND
Lead, Total	EPA 200.8	µg/L	ND	ND	ND	ND	ND	ND
Lithium	EPA 200.8	µg/L	152	166	163	182	219	116
Magnesium	EPA 200.7	mg/L	1,180	1,070	1,140	1,010	971	1,060
Magnesium, Dissolved	EPA 200.7	mg/L	1,200	1,070	1,140	960	975	1,080
Manganese, Dissolved	EPA 200.7	µg/L	ND	ND	ND	ND	ND	ND
Manganese, Total	EPA 200.7	µg/L	ND	ND	ND	ND	ND	ND
MBAS (Surfactants)	SM5540C	mg/L	ND	ND	ND	ND	ND	ND
Nitrate as NO3	EPA 300.0	mg/L	4	4	4	5	6	5
Nitrate+Nitrite as N	EPA 300.0	mg/L	1.1	0.9	0.9	1.2	1.3	1.2
Nitrite as NO2-N, Dissolved	EPA 300.0	mg/L	ND	ND	ND	ND	ND	ND
Odor Threshold at 60 C	SM2150B	TON	1	1	1	1	1	1
o-Phosphate-P	Hach 8048 & EPA 365.1	mg/L	0.06	0.08	0.08	0.07	0.07	0.08
pH (Field Test)	SM4500-H+B	pH	7.12	7.18	7.18	7.18	7.18	7.01
pH (Laboratory)	SM4500-H+B	pH (H)	7.2	7.3	6.9	7.2	7.3	7.2
Phenoxy Acid Herbicides (515.3)	EPA 515.3	µg/L	-	-	-	-	-	-
Phosphorus, Dissolved Total	HACH 8190 & EPA 365.1	mg/L	0.06	0.08	0.08	0.07	0.07	0.08
Potassium	EPA 200.7	mg/L	328	277	295	249	259	275
Potassium, Dissolved	EPA 200.7	mg/L	336	277	294	260	262	279
QC Ratio TDS/SEC	Calculation	-	0.64	0.67	0.66	0.67	0.66	0.68
Reg. Org. Compounds (EPA 525)	EPA 525	µg/L	-	-	-	-	-	-
Salinity	SM2520B	psu	28.3	28.1	28.3	28.0	27.9	28.1
Silica as SiO2, Dissolved	EPA 200.7	mg/L	18	12	10	11	14	17
Sodium	EPA 200.7	mg/L	8,901	9,017	9,657	9,170	8,681	8,520
Sodium, Dissolved	EPA 200.7	mg/L	8,960	8,950	9,270	8,960	8,930	8,700
Specific Conductance (E.C)	SM2510B	µmhos/cm	43,900	43,570	43,840	43,480	43,360	43,600
Specific Conductance (E.C) (Field)	SM2510B	µmhos/cm	43,687	43,633	43,501	43,353	43,305	43,451
Strontium, Dissolved	EPA 200.8	µg/L	7,297	7,718	7,210	6,593	7,967	6,799
Sulfate, Dissolved	EPA 300.0	mg/L	2,216	2,231	2,223	2,043	2,242	2,313
Temperature (Field)	SM2550	° C	15.6	15.4	16.3	15.5	15.5	15.7
Total Diss. Solids	SM2540C	mg/L	28,100	29,400	29,000	29,000	28,500	29,600
Turbidity	EPA 180.1	NTU	0.15	0.60	0.10	0.05	0.20	0.10
Turbidity (Field)	EPA 180.1	NTU	0.13	0.26	0.34	0.24	0.17	0.18
Volatile Org. Compounds (524)	EPA 524	µg/L	-	-	-	-	-	-
Zinc	EPA 200.7	µg/L	ND	ND	ND	ND	ND	ND
Zinc, Total	EPA 200.8	µg/L	-	-	-	-	-	-
PCBs, Total	EPA 508	µg/L	-	-	-	-	-	-
Total PCB	EPA 1668C	pg/L	-	-	-	-	-	-

Notes:

°C = Degrees Celsius
CU = Color Units
Meq/L = Milliequivalents per Liter
mg/L = Milligrams per Liter
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matrix interference caused by high chloride levels. The overstated
values are in laboratory reports through February 11, 2016.
Going forward, EPA Method 1640 will be used for Arsenic analysis
only.

APPENDICES



APPENDIX A-1

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

8-Dec-14



CALIFORNIA COASTAL COMMISSION

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

**COASTAL DEVELOPMENT PERMIT**

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

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

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

CHARLES LESTER
Executive Director

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

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

Permit A-3-MRA-14-0050

December 8, 2014

Page 2 of 12

Acknowledgment:

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

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

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

12/8/14
Date


Signature of Permittee or Representative

STANDARD CONDITIONS

This permit is subject to the following standard conditions:

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

SPECIAL CONDITIONS

This permit is subject to the following special conditions:

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

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

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

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

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

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

5. Hazardous Material Spill Prevention and Response.

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

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

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

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

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

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

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

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

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

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

9. **Geology/Hazards.** The project shall be designed to meet or exceed all applicable requirements of the California Building Code. Project design and construction shall meet or exceed all applicable feasible conclusions and recommendations in the *Geotechnical Investigation for the California American Water Temporary Slant Test Well Project, Marina, Monterey County, California*, dated April 3, 2014 (GeoSoils 2014). Project components shall be sited to avoid areas identified in the coastal erosion memorandum prepared by ESA-PWA (March 2014) as subject to coastal erosion during the duration of the project.
10. **Visual Resources.** PRIOR TO PERMIT ISSUANCE, the Permittee shall submit for Executive Director review and approval a Lighting Plan prepared by a qualified engineer that includes the following:
- 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.
 - 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.
 - 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.

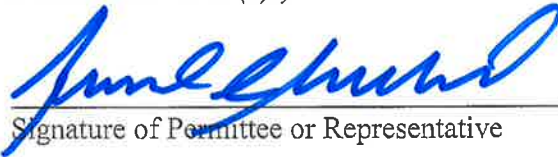
The undersigned permittee(s) acknowledges that Government Code Section 818.4, which states in pertinent part, that: "A public entity is not liable for injury caused by the issuance...of any permit..." applies to the issuance of this permit.

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 (“MW4-M”) 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
9-August-17 - 16-August-17



Report Date: 8/18/2017 9:02
Report User Name: WMassoll
Report Computer Name: WKST52
Application: WinSitu.exe
Application Version: 5.6.27.1

Log File Properties
File Name MPWSP MW-1D LT Test_2017-08-17_08-25-46-421-BaroMerge.wsl
Create Date 8/18/2017 9:00

Device Properties
Device Aqua TROLL 200
Site MPWSP MW-1D
Device Name
Serial Number 482723
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-1D LT Test
Created By WMassoll
Computer Name PROBOOK10
Application WinSitu.exe
Application Version 5.6.27.1
Create Date 5/19/2017 11:33:58 AM Pacific Daylight Time
Log Setup Time Zone Pacific Daylight Time
Notes Size(bytes) 4096
Overwrite when full Enabled
Scheduled Start Time 5/19/2017 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 1.024
Specific Gravity

Other Log Settings
Depth of Probe: 304.345 (ft)
Head Pressure: 135.108 (PSI)
Temperature: 19.2228 (C)
Specific Conductivity Model: Standard Methods
Reference Temperature: 25
Temperature Coefficient: 0.0191
TDS Factor: 0.68

Log Notes:
Date and Time Note
5/19/2017 11:33 Used Battery: 4% Used Memory: 3% User Name: WMassoll
5/25/2017 8:24 Log Download - Used Battery: 5% Used Memory: 3% User Name: AVanHaitsma Interval - Start Time: 5/17/2017 10:00:00 PM Stop Time: 5/25/2017 10:15:00 AM
6/1/2017 12:01 Log Download - Used Battery: 5% Used Memory: 3% User Name: WMassoll Interval - Start Time: 5/19/2017 12:00:00 PM Stop Time: 6/1/2017 1:00:00 PM
6/8/2017 16:37 Log Download - Used Battery: 5% Used Memory: 4% User Name: WMassoll Interval - Start Time: 5/31/2017 10:00:00 PM Stop Time: 6/8/2017 6:00:00 PM
6/15/2017 16:34 Log Download - Used Battery: 6% Used Memory: 6% User Name: AVanHaitsma Interval - Start Time: 6/7/2017 10:00:00 PM Stop Time: 6/15/2017 5:30:00 PM
6/22/2017 15:51 Log Download - Used Battery: 6% Used Memory: 6% User Name: AVanHaitsma Interval - Start Time: 6/14/2017 10:00:00 PM Stop Time: 6/22/2017 4:45:00 PM
6/29/2017 11:36 Log Download - Used Battery: 7% Used Memory: 7% User Name: WMassoll Interval - Start Time: 6/21/2017 10:00:00 PM Stop Time: 6/29/2017 12:30:00 PM
7/6/2017 12:10 Log Download - Used Battery: 7% Used Memory: 7% User Name: AVanHaitsma Interval - Start Time: 5/31/2017 10:00:00 PM Stop Time: 7/6/2017 1:00:00 PM
7/13/2017 15:54 Log Download - Used Battery: 7% Used Memory: 9% User Name: WMassoll Interval - Start Time: 7/5/2017 10:00:00 PM Stop Time: 7/13/2017 4:45:00 PM
7/20/2017 13:24 Log Download - Used Battery: 8% Used Memory: 9% User Name: WMassoll Interval - Start Time: 7/12/2017 10:00:00 PM Stop Time: 7/20/2017 2:15:00 PM
7/27/2017 7:39 Log Download - Used Battery: 8% Used Memory: 10% User Name: AVanHaitsma Interval - Start Time: 7/19/2017 10:00:00 PM Stop Time: 7/27/2017 8:30:00 AM
8/3/2017 7:57 Log Download - Used Battery: 9% Used Memory: 10% User Name: AVanHaitsma Interval - Start Time: 6/30/2017 10:00:00 PM Stop Time: 8/3/2017 8:45:00 AM
8/10/2017 14:08 Log Download - Used Battery: 9% Used Memory: 12% User Name: WMassoll Interval - Start Time: 8/2/2017 10:00:00 PM Stop Time: 8/10/2017 3:00:00 PM
8/17/2017 8:24 Log Download - Used Battery: 9% Used Memory: 12% User Name: AVanHaitsma Interval - Start Time: 8/9/2017 10:00:00 PM Stop Time: 8/17/2017 9:15:00 AM
8/18/2017 9:00 User Note: "Pressure & Level adjusted by baro data from: "MPWSP Barotroll_2017-08-17_15-14-23-201.wsl"

Log Data:
Record Count 714

Sensors 2
1 482723 PCTD 300 PSIA (200.7m/658.7ft)
2 0 Baro-Adjustment Calc

Time Zone: Pacific Daylight Time

		Sensor: PCTD(A) 658.7ft SNR: 482723		Sensor: PCTD(A) 658.7ft SNR: 482723		Sensor: PCTD(A) 658.7ft SNR: 482723		Sensor: PCTD(A) 658.7ft SNR: 482723		Sensor: PCTD(A) 658.7ft SNR: 482723		Sensor: PCTD(A) 658.7ft SNR: 482723		Sensor: PCTD(A) 658.7ft SNR: 482723		Sensor: PCTD(A) 658.7ft SNR: 482723		Sensor: Baro-Adj Calc SNR: 000000	
Date and Time	Elapsed Time Seconds	Corrected Pressure (PSI)	Temperature (C)	Depth (ft)	Actual Conductivity (µS/cm)	Specific Conductivity (µS/cm)	Salinity (PSU)	Total Dissolved Solids (ppt)	Resistivity (ohm-cm)	Water Density (g/cm3)	Barometric Pressure (PSI)								
8/10/2017 0:00	7200	120.171	19.088	270.697	40222.285	45342.73	29.62	30.833	24.862	1.021	14.711								
8/10/2017 0:15	8100	120.164	19.088	270.68	40234.91	45356.79	29.63	30.843	24.854	1.021	14.714								
8/10/2017 0:30	9000	120.157	19.087	270.665	40247.508	45371.344	29.641	30.853	24.846	1.021	14.713								
8/10/2017 0:45	9900	120.163	19.087	270.68	40231.66	45353.988	29.628	30.841	24.856	1.021	14.714								
8/10/2017 1:00	10800	120.149	19.087	270.646	40212.652	45332.727	29.612	30.826	24.868	1.021	14.715								
8/10/2017 1:15	11700	120.127	19.086	270.598	40248.715	45373.887	29.642	30.854	24.846	1.021	14.717								
8/10/2017 1:30	12600	120.1	19.085	270.538	40259.055	45386.411	29.651	30.863	24.839	1.021	14.712								
8/10/2017 1:45	13500	120.069	19.085	270.466	40215.99	45339.18	29.616	30.829	24.866	1.021	14.713								
8/10/2017 2:00	14400	120.043	19.084	270.408	40246.141	45373.113	29.642	30.854	24.847	1.021	14.712								
8/10/2017 2:15	15300	120.017	19.084	270.35	40221.219	45345.445	29.622	30.835	24.862	1.021	14.709								
8/10/2017 2:30	16200	119.979	19.083	270.264	40259.867	45389.449	29.654	30.865	24.839	1.021	14.713								
8/10/2017 2:45	17100	119.932	19.082	270.159	40233.203	45360.32	29.632	30.845	24.855	1.021	14.71								
8/10/2017 3:00	18000	119.888	19.081	270.06	40224.844	45352.008	29.626	30.839	24.86	1.021	14.708								
8/10/2017 3:15	18900	119.835	19.08	269.94	40237.344	45366.777	29.637	30.849	24.853	1.021	14.711								
8/10/2017 3:30	19800	119.786	19.08	269.83	40203.941	45329.809	29.61	30.824	24.873	1.021	14.708								
8/10/2017 3:45	20700	119.753	19.079	269.755	40198.395	45323.969	29.606	30.82	24.877	1.021	14.705								
8/10/2017 4:00	21600	119.7	19.078	269.636	40254.285	45387.926	29.652	30.864	24.842	1.021	14.701								
8/10/2017 4:15	22500	119.64	19.078	269.5	40184.738	45310.102	29.596	30.811	24.885	1.021	14.708								
8/10/2017 4:30	23400	119.6	19.077	269.411	40195.238	45322.887	29.605	30.82	24.879	1.021	14.708								
8/10/2017 4:45	24300	119.551	19.077	269.301	40176.672	45302.031	29.59	30.805	24.89	1.021	14.706								
8/10/2017 5:00	25200	119.503	19.076	269.192	40188.684	45316.164	29.6	30.815	24.883	1.021	14.702								
8/10/2017 5:15	26100	119.466	19.076	269.11	40160.785	45285.047	29.577	30.794	24.9	1.021	14.707								
8/10/2017 5:30	27000	119.421	19.075	269.007	40152.219	45275.73	29.571	30.787	24.905	1.021	14.7								
8/10/2017 5:45	27900	119.387	19.075	268.932	40172.379	45298.465	29.587	30.803	24.893	1.021	14.706								
8/10/2017 6:00	28800	119.355	19.074	268.859	40151.832	45276.063	29.571	30.788	24.905	1.021	14.707								
8/10/2017 6:15	29700	119.333	19.074	268.809	40132.504	45254.27	29.555	30.773	24.917	1.021	14.712								
8/10/2017 6:30	30600	119.313	19.075	268.763	40137.348	45259.477	29.559	30.776	24.914	1.021	14.712								
8/10/2017 6:45	31500	119.286	19.074	268.703	40100.895	45219.473	29.53	30.749	24.937	1.021	14.716								
8/10/2017 7:00	32400	119.276	19.074	268.68	40108.508	45227.469	29.535	30.755	24.932	1.021	14.717								
8/10/2017 7:15	33300	119.275	19.074	268.679	40078.867	45194.121	29.511	30.732	24.951	1.021	14.718								
8/10/2017 7:30	34200	119.274	19.074	268.678	40062.148	45179.078	29.514	30.735	24.949	1.021	14.718								
8/10/2017 7:45	35100	119.283	19.075	268.697	40103.844	45221.363	29.531	30.751	24.935	1.021	14.717								
8/10/2017 8:00	36000	119.3	19.076	268.736	40109.848	45227.703	29.536	30.755	24.932	1.021	14.715								
8/10/2017 8:15	36900	119.316	19.076	268.77	40116.879	45234.863	29.541	30.76	24.927	1.021	14.719								
8/10/2017 8:30	37800	119.332	19.078	268.806	40121.742	45239.07	29.544	30.763	24.924	1.021	14.721								
8/10/2017 8:45	38700	119.357	19.078	268.863	40099.332	45213.305	29.525	30.745	24.938	1.021	14.717								
8/10/2017 9:00	39600	119.383	19.082	268.922	40118.527	45233.504	29.54	30.759	24.926	1.021	14.719								
8/10/2017 9:15	40500	119.415	19.082	268.995	40129.926	45245.414	29.549	30.767	24.919	1.021	14.717								
8/10/2017 9:30	41400	119.466	19.08	269.11	40168.84	45287.594	29.579	30.796	24.895	1.021	14.711								
8/10/2017 9:45	42300	119.488	19.083	269.159	40159.633	45276.957	29.572	30.788	24.901	1.021	14.726								
8/10/2017 10:00	43200	119.546	19.084	269.288	40134.273	45246.656	29.555	30.768	24.916	1.021	14.713								
8/10/2017 10:15	44100	119.578	19.085	269.36	40164.926	45280.625	29.575	30.791	24.897	1.021	14.723								
8/10/2017 10:30	45000	119.618	19.086	269.415	40158.43	45272.535	29.569	30.785	24.901	1.021	14.729								
8/10/2017 10:45	45900	119.667	19.087	269.562	40193.859	45311.375	29.597	30.812	24.879	1.021	14.725								
8/10/2017 11:00	46800	119.706	19.087	269.649	40207.141	45325.918	29.608	30.822	24.871	1.021	14.732								
8/10/2017 11:15	47700	119.754	19.088	269.757	40211.617	45330.539	29.611	30.825	24.868	1.021	14.725								
8/10/2017 11:30	48600	119.778	19.088	269.811	40219.934	45339.309	29.617	30.831	24.863	1.021	14.729								
8/10/2017 11:45	49500	119.822	19.088	269.911	40213	45331.582	29.612	30.825	24.868	1.021	14.727								
8/10/2017 12:00	50400	119.852	19.089	269.979	40212.813	45330.949	29.611	30.825	24.868	1.021	14.725								
8/10/2017 12:15	51300	119.87	19.089	270.037	40199.438	45315.696	29.6	30.815	24.876	1.021	14.728								
8/10/2017 12:30	52200	119.898	19.087	270.082	40208.547	45326.223	29.608	30.822	24.87	1.021	14.724								
8/10/2017 12:45	53100	119.932	19.089	270.159	40206.656	45323.918	29.606	30.82	24.872	1.021	14.726								
8/10/2017 13:00	54000	119.939	19.089	270.175	40226.238	45345.992	29.622	30.835	24.859	1.021	14.728								
8/10/2017 13:15	54900	119.957	19.089	270.215	40210.875	45328.762	29.61	30.824	24.869	1.021	14.723								
8/10/2017 13:30	55800	119.967	19.088	270.238	40225.695	45345.73	29.622	30.835	24.86	1.021	14.729								
8/10/2017 13:45	56700	119.985	19.088	270.23	40193.609	45309.816	29.596	30.811	24.88	1.021	14.731								
8/10/2017 14:00	57600	119.971	19.088	270.247	40227.281	45347.773	29.624	30.836	24.859	1.021	14.722								
8/10/2017 14:15	58500	119.964	19.088	270.23	40172.996	45286.75	29.579	30.795	24.892	1.021	14.726								
8/10/2017 14:30	59400	119.946	19.088	270.189	40222.07	45342.488	29.62	30.833	24.862	1.021	14.727								
8/10/2017 14:45	60300	119.937	19.086	270.171	40213.656	45334.281	29.614	30.827	24.867	1.021	14.726								
8/10/2017 15:00	61200	119.92	19.087	270.132	40203.148	45322.184	29.605	30.819	24.874	1.021	14.724								
8/10/2017 15:15	62100	119.909	19.086	270.085	40220.203	45342.258	29.615	30.833	24.863	1.021	14.725								
8/10/2017 15:30	63000	119.889	19.085	270.063	40199.203	45318.934	29.602	30.817	24.876	1.021	14.714								
8/10/2017 15:45	63900	119.864	19.085	270.006	40222.191	45345.438	29.622	30.835	24.862	1.021	14.717								
8/10/2017 16:00	64800	119.823	19.084	269.914	40195.344	45316.195	29.6	30.815	24.879	1.021	14.72								
8/10/2017 16:15	65700	119.797	19.083	269.853	40205.125	45327.391	29.608	30.823	24.872	1.021</									

8/11/2017 6:00	115200	119.457	19.077	269.089	40213.141	45342.73	29.619	30.833	24.867	1.021	14.702
8/11/2017 6:15	116100	119.426	19.077	269.02	40199.082	45327.219	29.608	30.823	24.876	1.021	14.703
8/11/2017 6:30	117000	119.396	19.076	268.951	40152.262	45274.68	29.57	30.787	24.905	1.021	14.705
8/11/2017 6:45	117900	119.378	19.076	268.91	40143.016	45264.422	29.562	30.78	24.911	1.021	14.704
8/11/2017 7:00	118800	119.343	19.076	268.832	40154.125	45276.863	29.571	30.788	24.904	1.021	14.708
8/11/2017 7:15	119700	119.334	19.076	268.813	40162.996	45287.043	29.579	30.795	24.899	1.021	14.705
8/11/2017 7:30	120600	119.313	19.077	268.764	40153.586	45275.664	29.571	30.787	24.904	1.021	14.711
8/11/2017 7:45	121500	119.317	19.077	268.773	40161.211	45284.516	29.577	30.793	24.9	1.021	14.712
8/11/2017 8:00	122400	119.325	19.077	268.792	40132.973	45252.336	29.554	30.772	24.917	1.021	14.708
8/11/2017 8:15	123300	119.316	19.078	268.772	40158.492	45280.508	29.574	30.791	24.901	1.021	14.711
8/11/2017 8:30	124200	119.333	19.078	268.809	40147.324	45267.418	29.565	30.782	24.908	1.021	14.718
8/11/2017 8:45	125100	119.355	19.079	268.858	40136.055	45253.852	29.555	30.773	24.915	1.021	14.709
8/11/2017 9:00	126000	119.366	19.079	268.868	40167	45288.59	29.58	30.796	24.956	1.021	14.713
8/11/2017 9:15	126900	119.402	19.081	268.964	40131.523	45247.133	29.55	30.768	24.918	1.021	14.713
8/11/2017 9:30	127800	119.419	19.081	269.003	40182.941	45304.516	29.592	30.807	24.886	1.021	14.718
8/11/2017 9:45	128700	119.444	19.082	269.058	40168.707	45287.359	29.579	30.795	24.895	1.021	14.718
8/11/2017 10:00	129600	119.482	19.083	269.146	40216.527	45340.418	29.618	30.831	24.865	1.021	14.712
8/11/2017 10:15	130500	119.532	19.085	269.257	40179.707	45297.715	29.587	30.802	24.888	1.021	14.714
8/11/2017 10:30	131400	119.553	19.086	269.304	40207.805	45327.766	29.609	30.823	24.871	1.021	14.721
8/11/2017 10:45	132300	119.602	19.087	269.415	40211.18	45331.152	29.611	30.825	24.869	1.021	14.718
8/11/2017 11:00	133200	119.635	19.087	269.49	40224.84	45345.961	29.622	30.835	24.86	1.021	14.718
8/11/2017 11:15	134100	119.691	19.088	269.615	40244.5	45367.52	29.638	30.85	24.848	1.021	14.717
8/11/2017 11:30	135000	119.727	19.089	269.697	40250.383	45373.48	29.642	30.854	24.844	1.021	14.72
8/11/2017 11:45	135900	119.776	19.089	269.808	40217.031	45335.363	29.615	30.828	24.865	1.021	14.712
8/11/2017 12:00	136800	119.8	19.089	269.862	40217.836	45336.37	29.615	30.829	24.865	1.021	14.716
8/11/2017 12:15	137700	119.844	19.089	269.964	40188.734	45303.039	29.591	30.806	24.883	1.021	14.719
8/11/2017 12:30	138600	119.868	19.09	270.014	40202.227	45318.082	29.602	30.816	24.874	1.021	14.71
8/11/2017 12:45	139500	119.897	19.09	270.08	40196.035	45311.102	29.597	30.812	24.878	1.021	14.716
8/11/2017 13:00	140400	119.944	19.089	270.186	40211.914	45329.43	29.61	30.824	24.868	1.021	14.715
8/11/2017 13:15	141300	119.949	19.09	270.198	40202.043	45317.875	29.602	30.816	24.874	1.021	14.71
8/11/2017 13:30	142200	119.975	19.089	270.255	40212.316	45329.801	29.61	30.824	24.868	1.021	14.703
8/11/2017 13:45	143100	119.978	19.089	270.262	40227.641	45347.074	29.623	30.836	24.859	1.021	14.708
8/11/2017 14:00	144000	119.988	19.089	270.285	40200.535	45316.855	29.601	30.815	24.875	1.021	14.709
8/11/2017 14:15	144900	119.993	19.089	270.295	40230.977	45351.172	29.626	30.839	24.856	1.021	14.712
8/11/2017 14:30	145800	120	19.088	270.311	40170.656	45283.848	29.577	30.793	24.894	1.021	14.705
8/11/2017 14:45	146700	119.989	19.087	270.288	40218.328	45338.367	29.617	30.83	24.864	1.021	14.704
8/11/2017 15:00	147600	119.986	19.088	270.279	40246.902	45374.75	29.64	30.852	24.847	1.021	14.747
8/11/2017 15:15	148500	119.981	19.087	270.268	40229.723	45351.629	29.626	30.839	24.857	1.021	14.7
8/11/2017 15:30	149400	119.965	19.087	270.232	40218.637	45339.383	29.617	30.831	24.864	1.021	14.695
8/11/2017 15:45	150300	119.945	19.086	270.188	40263.031	45389.941	29.654	30.865	24.837	1.021	14.697
8/11/2017 16:00	151200	119.922	19.086	270.136	40191.805	45310.242	29.596	30.811	24.881	1.021	14.7
8/11/2017 16:15	152100	119.905	19.085	270.097	40225.223	45348.684	29.624	30.837	24.86	1.021	14.695
8/11/2017 16:30	153000	119.943	19.081	270.043	40222.238	45345.754	29.623	30.825	24.862	1.021	14.687
8/11/2017 16:45	153900	119.849	19.084	269.973	40215.73	45338.922	29.617	30.83	24.866	1.021	14.699
8/11/2017 17:00	154800	119.814	19.083	269.893	40244.242	45371.758	29.641	30.853	24.848	1.021	14.694
8/11/2017 17:15	155700	119.796	19.083	269.851	40236.066	45362.781	29.634	30.847	24.853	1.021	14.691
8/11/2017 17:30	156600	119.771	19.082	269.796	40205.918	45329.395	29.61	30.824	24.872	1.021	14.685
8/11/2017 17:45	157500	119.736	19.082	269.718	40189.07	45311.07	29.597	30.812	24.882	1.021	14.688
8/11/2017 18:00	158400	119.718	19.081	269.675	40221.46	45348.074	29.623	30.837	24.863	1.021	14.677
8/11/2017 18:15	159300	119.673	19.081	269.575	40231.5	45359.754	29.632	30.845	24.856	1.021	14.682
8/11/2017 18:30	160200	119.673	19.081	269.575	40205.973	45331.152	29.611	30.825	24.872	1.021	14.676
8/11/2017 18:45	161100	119.642	19.08	269.506	40217.973	45345.117	29.621	30.835	24.865	1.021	14.676
8/11/2017 19:00	162000	119.637	19.08	269.494	40196.18	45320.707	29.603	30.818	24.878	1.021	14.666
8/11/2017 19:15	162900	119.608	19.08	269.428	40189.598	45313.457	29.598	30.813	24.882	1.021	14.676
8/11/2017 19:30	163800	119.602	19.08	269.416	40202.938	45328.418	29.609	30.823	24.874	1.021	14.672
8/11/2017 19:45	164700	119.589	19.08	269.386	40235.347	45364.86	29.625	30.848	24.854	1.021	14.654
8/11/2017 20:00	165600	119.587	19.08	269.382	40228.605	45356.926	29.63	30.843	24.858	1.021	14.678
8/11/2017 20:15	166500	119.584	19.081	269.376	40167.746	45287.973	29.58	30.796	24.896	1.021	14.67
8/11/2017 20:30	167400	119.602	19.081	269.414	40195.629	45318.977	29.602	30.817	24.878	1.021	14.675
8/11/2017 20:45	168300	119.588	19.082	269.384	40192.07	45314.539	29.599	30.814	24.881	1.021	14.677
8/11/2017 21:00	169200	119.597	19.082	269.404	40204.738	45328.145	29.609	30.823	24.873	1.021	14.684
8/11/2017 21:15	170100	119.619	19.082	269.454	40212.965	45321.988	29.613	30.829	24.869	1.021	14.675
8/11/2017 21:30	171000	119.631	19.083	269.48	40190.652	45311.16	29.597	30.812	24.881	1.021	14.681
8/11/2017 21:45	171900	119.66	19.084	269.546	40242.164	45368.551	29.638	30.851	24.85	1.021	14.679
8/11/2017 22:00	172800	119.672	19.084	269.574	40178.734	45296.781	29.586	30.802	24.889	1.021	14.684
8/11/2017 22:15	173700	119.711	19.085	269.661	40228.605	45352.164	29.627	30.839	24.858	1.021	14.678
8/11/2017 22:30	174600	119.734	19.086	269.713	40213.637	45334.594	29.614	30.828	24.867	1.021	14.676
8/11/2017 22:45	175500	119.765	19.086	269.781	40191.945	45309.887	29.596	30.811	24.881	1.021	14.673
8/11/2017 23:00	176400	119.778	19.087	269.812	40183.277	45299.781	29.589	30.804	24.886	1.021	14.68
8/11/2017 23:15	177300	119.821	19.087	269.909	40197.633	45315.289	29.6	30.814	24.877	1.021	14.676
8/11/2017 23:30	178200	119.859	19.087	269.993	40191.313	45308.246	29.595	30.81	24.881	1.021	14.677
8/11/2017 23:45	179100	119.867	19.088	270.012	40198.16	45315.367	29.6	30.814	24.877	1.021	14.684
8/12/2017 0:00	180000	119.906	19.088	270.101	40199.266	45316.777	29.601	30.815	24.876	1.021	14.678
8/12/2017 0:15	180900	119.925	19.088	270.145	40199.176	45316.075	29.601	30.815	24.876	1.021	14.678
8/12/2017 0:30	181800	119.95	19.088	270.2	40227.332	45348	29.624	30.837	24.859	1.021	14.682
8/12/2017 0:45	182700	119.968	19.088	270.239	40198.09	45315.289	29.6	30.814	24.877	1.021	14.687
8/12/2017 1:00	183600	119.985	19.088	270.278	40209.895	45328.762	29.61	30.824	24.87	1.021	14.682
8/12/2017 1:15	184500	119.984	19.087	270.276	40192.332	45309.313	29.595	30.81	24.88	1.021	14.689
8/12/2017 1:30	185400	120.005	19.088	270.323	40195.703	45312.43	29.598	30.812	24.878	1.021	14.688
8/12/2017 1:45	186300	120.003	19.087	270.319	40197.867	45328.41	29.587	30.796	24.892	1.021	14.683
8/12/2017 2:00	187200	120.013	19.088	270.34	40224.301	45345.516	29.622	30.835	24.861	1.021	14.68
8/12/2017 2:15	188100	119.993	19.087	270.297	40210.184	45330.113	29.611	30.824	24.869	1.021	14.691
8/12/2017 2:30											

8/13/2017 10:45	305100	119.525	19.085	269.243	40253.816	45281.004	29.648	30.859	24.842	1.021	14.725
8/13/2017 11:00	306000	119.556	19.086	269.311	40181.277	45298.293	29.587	30.803	24.887	1.021	14.728
8/13/2017 11:15	306900	119.582	19.086	269.371	40245.234	45370.137	29.64	30.852	24.848	1.021	14.73
8/13/2017 11:30	307800	119.614	19.087	269.443	40266.391	45392.965	29.656	30.867	24.835	1.021	14.723
8/13/2017 11:45	308700	119.65	19.087	269.524	40253.84	45378.48	29.646	30.857	24.842	1.021	14.728
8/13/2017 12:00	309600	119.681	19.088	269.584	40214.625	45333.758	29.613	30.827	24.867	1.021	14.727
8/13/2017 12:15	310500	119.717	19.088	269.675	40239.57	45364.797	29.624	30.846	24.854	1.021	14.724
8/13/2017 12:30	311400	119.745	19.089	269.737	40223.563	45343.246	29.62	30.833	24.861	1.021	14.728
8/13/2017 12:45	312300	119.789	19.089	269.837	40238.461	45359.355	29.632	30.844	24.852	1.021	14.723
8/13/2017 13:00	313200	119.826	19.089	269.919	40226.309	45345.656	29.622	30.835	24.859	1.021	14.725
8/13/2017 13:15	314100	119.863	19.09	270.004	40254.652	45377.09	29.645	30.856	24.842	1.021	14.721
8/13/2017 13:30	315000	119.908	19.09	270.021	40213.063	45300.211	29.611	30.825	24.868	1.021	14.719
8/13/2017 13:45	315900	119.938	19.089	270.155	40211.637	45329.117	29.61	30.824	24.868	1.021	14.726
8/13/2017 14:00	316800	119.965	19.089	270.234	40190.254	45304.93	29.592	30.807	24.882	1.021	14.718
8/13/2017 14:15	317700	120.003	19.089	270.317	40232.754	45353.176	29.627	30.84	24.855	1.021	14.722
8/13/2017 14:30	318600	120.013	19.09	270.34	40227.754	45346.77	29.623	30.836	24.858	1.021	14.724
8/13/2017 14:45	319500	120.027	19.089	270.372	40209.512	45327.137	29.609	30.822	24.87	1.021	14.719
8/13/2017 15:00	320400	120.057	19.089	270.44	40223.352	45342.656	29.62	30.833	24.861	1.021	14.716
8/13/2017 15:15	321300	120.069	19.089	270.467	40226.145	45345.637	29.622	30.835	24.859	1.021	14.71
8/13/2017 15:30	322200	120.075	19.089	270.481	40231.898	45352.641	29.627	30.84	24.856	1.021	14.711
8/13/2017 15:45	323100	120.073	19.088	270.476	40236.707	45358.57	29.631	30.844	24.853	1.021	14.708
8/13/2017 16:00	324000	120.096	19.088	270.529	40217.434	45336.672	29.615	30.829	24.865	1.021	14.708
8/13/2017 16:15	324900	120.081	19.088	270.494	40201.152	45318.652	29.602	30.817	24.875	1.021	14.702
8/13/2017 16:30	325800	120.065	19.088	270.457	40246.77	45370.258	29.64	30.852	24.847	1.021	14.711
8/13/2017 16:45	326700	120.042	19.087	270.407	40224.301	45345.352	29.622	30.835	24.861	1.021	14.704
8/13/2017 17:00	327600	120.045	19.087	270.414	40214.828	45335.266	29.614	30.828	24.866	1.021	14.698
8/13/2017 17:15	328500	120.021	19.086	270.359	40180.68	45297.621	29.587	30.802	24.888	1.021	14.703
8/13/2017 17:30	329400	119.997	19.085	270.305	40206.5	45327.07	29.608	30.822	24.872	1.021	14.699
8/13/2017 17:45	330300	119.978	19.085	270.262	40223.938	45347.406	29.623	30.836	24.861	1.021	14.696
8/13/2017 18:00	331200	119.948	19.084	270.193	40215.348	45338.059	29.616	30.83	24.866	1.021	14.695
8/13/2017 18:15	332100	119.92	19.083	270.131	40234.191	45360.426	29.631	30.845	24.854	1.021	14.693
8/13/2017 18:30	333000	119.882	19.083	270.047	40238.031	45364.91	29.636	30.848	24.852	1.021	14.692
8/13/2017 18:45	333900	119.856	19.082	269.987	40218.305	45343.695	29.62	30.834	24.864	1.021	14.69
8/13/2017 19:00	334800	119.818	19.082	269.901	40211.891	45336.801	29.615	30.829	24.868	1.021	14.686
8/13/2017 19:15	335700	119.801	19.081	269.864	40235.004	45363.707	29.635	30.847	24.854	1.021	14.683
8/13/2017 19:30	336600	119.759	19.08	269.769	40235.074	45364.398	29.635	30.848	24.854	1.021	14.686
8/13/2017 19:45	337500	119.716	19.08	269.676	40200.621	45325.876	29.607	30.827	24.875	1.021	14.695
8/13/2017 20:00	338400	119.695	19.08	269.624	40217.074	45344.691	29.621	30.834	24.865	1.021	14.687
8/13/2017 20:15	339300	119.661	19.079	269.548	40219.281	45348.027	29.623	30.837	24.864	1.021	14.686
8/13/2017 20:30	340200	119.65	19.079	269.524	40220.152	45349.102	29.624	30.837	24.863	1.021	14.687
8/13/2017 20:45	341100	119.612	19.078	269.437	40199.012	45325.785	29.607	30.822	24.876	1.021	14.686
8/13/2017 21:00	342000	119.599	19.078	269.409	40214.824	45343.258	29.62	30.833	24.866	1.021	14.689
8/13/2017 21:15	342900	119.542	19.078	269.284	40223.281	45353.304	29.627	30.84	24.861	1.021	14.684
8/13/2017 21:30	343800	119.546	19.078	269.289	40215.887	45344.969	29.621	30.835	24.866	1.021	14.696
8/13/2017 21:45	344700	119.557	19.078	269.315	40216.07	45344.758	29.621	30.834	24.866	1.021	14.692
8/13/2017 22:00	345600	119.521	19.078	269.233	40227.445	45358	29.63	30.843	24.859	1.021	14.697
8/13/2017 22:15	346500	119.523	19.078	269.237	40199.023	45325.539	29.607	30.821	24.876	1.021	14.695
8/13/2017 22:30	347400	119.539	19.079	269.273	40197.871	45323.633	29.606	30.82	24.877	1.021	14.692
8/13/2017 22:45	348300	119.524	19.079	269.256	40205.085	45331.657	29.611	30.825	24.873	1.021	14.691
8/13/2017 23:00	349200	119.521	19.08	269.233	40192.574	45316.898	29.601	30.815	24.88	1.021	14.701
8/13/2017 23:15	350100	119.524	19.08	269.24	40189.699	45313.492	29.598	30.813	24.882	1.021	14.695
8/13/2017 23:30	351000	119.547	19.081	269.292	40184.957	45307.375	29.594	30.809	24.885	1.021	14.693
8/13/2017 23:45	351900	119.548	19.081	269.293	40204.828	45329.527	29.61	30.824	24.873	1.021	14.694
8/14/2017 0:00	352800	119.573	19.082	269.349	40188.148	45309.953	29.596	30.811	24.883	1.021	14.697
8/14/2017 0:15	353700	119.592	19.082	269.392	40209.754	45333.797	29.613	30.827	24.87	1.021	14.695
8/14/2017 0:30	354600	119.607	19.083	269.426	40194.626	45319.691	29.603	30.817	24.877	1.021	14.697
8/14/2017 0:45	355500	119.622	19.084	269.461	40168.297	45285.527	29.578	30.794	24.895	1.021	14.696
8/14/2017 1:00	356400	119.656	19.084	269.538	40194.438	45314.918	29.599	30.814	24.879	1.021	14.694
8/14/2017 1:15	357300	119.684	19.085	269.599	40202.852	45323.547	29.606	30.82	24.874	1.021	14.689
8/14/2017 1:30	358200	119.704	19.085	269.646	40197.766	45317.566	29.601	30.816	24.877	1.021	14.694
8/14/2017 1:45	359100	119.73	19.086	269.705	40216.668	45338.363	29.617	30.83	24.865	1.021	14.69
8/14/2017 2:00	360000	119.743	19.086	269.732	40202.656	45322.259	29.605	30.819	24.874	1.021	14.694
8/14/2017 2:15	360900	119.772	19.086	269.799	40179.852	45296.094	29.586	30.801	24.888	1.021	14.691
8/14/2017 2:30	361800	119.787	19.087	269.833	40169.5	45284.168	29.577	30.793	24.895	1.021	14.688
8/14/2017 2:45	362700	119.805	19.086	269.873	40203.73	45323.172	29.606	30.82	24.873	1.021	14.69
8/14/2017 3:00	363600	119.832	19.086	269.933	40152.656	45265.434	29.564	30.78	24.905	1.021	14.687
8/14/2017 3:15	364500	119.842	19.086	269.956	40186.773	45304.059	29.592	30.807	24.884	1.021	14.685
8/14/2017 3:30	365400	119.855	19.086	269.986	40174.246	45289.65	29.581	30.797	24.892	1.021	14.687
8/14/2017 3:45	366300	119.861	19.086	269.999	40180.355	45296.918	29.586	30.802	24.888	1.021	14.687
8/14/2017 4:00	367200	119.86	19.086	269.996	40176.648	45292.398	29.583	30.799	24.89	1.021	14.699
8/14/2017 4:15	368100	119.882	19.086	270.046	40181.973	45299.078	29.588	30.803	24.887	1.021	14.688
8/14/2017 4:30	369000	119.885	19.085	270.053	40207.145	45327.797	29.609	30.823	24.871	1.021	14.681
8/14/2017 4:45	369900	119.877	19.085	270.034	40209.547	45330.508	29.611	30.825	24.87	1.021	14.683
8/14/2017 5:00	370800	119.87	19.085	270.018	40213.676	45313.019	29.598	30.813	24.88	1.021	14.693
8/14/2017 5:15	371700	119.863	19.085	270.002	40189.973	45308.684	29.595	30.81	24.882	1.021	14.681
8/14/2017 5:30	372600	119.849	19.084	269.971	40187.617	45307.398	29.594	30.809	24.883	1.021	14.684
8/14/2017 5:45	373500	119.844	19.084	269.961	40186.059	45305.379	29.592	30.808	24.884	1.021	14.683
8/14/2017 6:00	374400	119.82	19.084	269.906	40186.805	45306.645	29.593	30.809	24.884	1.021	14.693
8/14/2017 6:15	375300	119.815	19.083	269.894	40205.539	45328.031	29.609	30.823	24.872	1.021	14.686
8/14/2017 6:30	376200	119.796	19.083	269.853	40177.91	45297.387	29.587	30.807	24.882	1.021	14.689
8/14/2017 6:45	377100	119.775	19.082	269.804	40201.641	45324.574	29.606	30.821	24.875	1.021	14.684
8/14/2017 7:00	378000	119.748	19.082	269.744	40201.461	45324.965	29.607	30.821	24.875	1.021	14.68

8/15/2017 15:30	495000	120.149	19.088	270.647	40192.922	45309.293	29.596	30.81	24.88	1.021	14.698
8/15/2017 15:45	495900	120.163	19.088	270.679	40193.367	45309.711	29.596	30.811	24.88	1.021	14.7
8/15/2017 16:00	496800	120.201	19.088	270.764	40169.004	45282.41	29.576	30.792	24.895	1.021	14.694
8/15/2017 16:15	497700	120.236	19.088	270.842	40178.648	45292.949	29.584	30.799	24.889	1.021	14.694
8/15/2017 16:30	498600	120.247	19.088	270.868	40177.996	45292.465	29.583	30.799	24.889	1.021	14.695
8/15/2017 16:45	499500	120.276	19.088	270.933	40196.676	45313.695	29.599	30.813	24.878	1.021	14.691
8/15/2017 17:00	500400	120.287	19.087	270.959	40155.148	45257.227	29.565	30.782	24.903	1.021	14.691
8/15/2017 17:15	501300	120.291	19.087	270.968	40170.195	45284.188	29.577	30.793	24.894	1.021	14.695
8/15/2017 17:30	502200	120.303	19.087	270.995	40174.723	45289.625	29.581	30.797	24.891	1.021	14.695
8/15/2017 17:45	503100	120.298	19.087	270.983	40180.344	45296.305	29.586	30.801	24.888	1.021	14.695
8/15/2017 18:00	504000	120.297	19.087	270.981	40153.766	45266.512	29.564	30.781	24.904	1.021	14.692
8/15/2017 18:15	504900	120.273	19.086	270.926	40140.131	45252.27	29.554	30.772	24.912	1.021	14.694
8/15/2017 18:30	505800	120.28	19.085	270.941	40168.848	45285.211	29.578	30.794	24.895	1.021	14.689
8/15/2017 18:45	506700	120.261	19.085	270.899	40142.324	45254.965	29.556	30.773	24.911	1.021	14.69
8/15/2017 19:00	507600	120.239	19.085	270.849	40140.715	45253.582	29.555	30.772	24.912	1.021	14.693
8/15/2017 19:15	508500	120.205	19.084	270.773	40182.691	45301.34	29.59	30.805	24.886	1.021	14.69
8/15/2017 19:30	509400	120.175	19.083	270.707	40139.055	45253.578	29.555	30.772	24.913	1.021	14.691
8/15/2017 19:45	510300	120.147	19.082	270.644	40172.367	45291.648	29.582	30.798	24.893	1.021	14.69
8/15/2017 20:00	511200	120.119	19.082	270.579	40152.879	45270.266	29.567	30.784	24.905	1.021	14.69
8/15/2017 20:15	512100	120.075	19.081	270.481	40141.656	45258.305	29.558	30.776	24.912	1.021	14.695
8/15/2017 20:30	513000	120.029	19.08	270.377	40164.309	45284.691	29.577	30.794	24.898	1.021	14.695
8/15/2017 20:45	513900	119.999	19.08	270.311	40146.672	45265.313	29.563	30.78	24.909	1.021	14.694
8/15/2017 21:00	514800	119.957	19.079	270.216	40182.484	45306.383	29.593	30.808	24.886	1.021	14.698
8/15/2017 21:15	515700	119.913	19.077	270.116	40151.02	45272.258	29.568	30.785	24.906	1.021	14.696
8/15/2017 21:30	516600	119.86	19.077	269.997	40148.777	45270.156	29.567	30.784	24.907	1.021	14.703
8/15/2017 21:45	517500	119.827	19.077	269.923	40142.301	45263.098	29.561	30.779	24.911	1.021	14.701
8/15/2017 22:00	518400	119.788	19.076	269.835	40143.527	45265.344	29.563	30.78	24.911	1.021	14.707
8/15/2017 22:15	519300	119.751	19.075	269.752	40121.078	45240.875	29.545	30.764	24.925	1.021	14.701
8/15/2017 22:30	520200	119.686	19.074	269.605	40158.027	45283.383	29.576	30.793	24.902	1.021	14.712
8/15/2017 22:45	521100	119.656	19.074	269.536	40143.102	45266.477	29.564	30.781	24.911	1.021	14.714
8/15/2017 23:00	522000	119.623	19.074	269.462	40134.742	45255.961	29.557	30.775	24.916	1.021	14.709
8/15/2017 23:15	522900	119.593	19.074	269.395	40114.004	45233.488	29.54	30.759	24.929	1.021	14.706
8/15/2017 23:30	523800	119.569	19.074	269.341	40123.895	45245.07	29.548	30.767	24.923	1.021	14.71
8/15/2017 23:45	524700	119.556	19.073	269.31	40103.574	45222.754	29.532	30.751	24.935	1.021	14.704
8/16/2017 0:00	525600	119.528	19.073	269.248	40110.719	45231.063	29.538	30.757	24.931	1.021	14.704
8/16/2017 0:15	526500	119.497	19.073	269.178	40092.559	45210.926	29.523	30.743	24.942	1.021	14.702
8/16/2017 0:30	527400	119.466	19.073	269.155	40055.566	45169.613	29.493	30.715	24.965	1.021	14.705
8/16/2017 0:45	528300	119.487	19.072	269.156	40072.969	45189.598	29.508	30.729	24.954	1.021	14.702
8/16/2017 1:00	529200	119.472	19.071	269.121	40067.914	45184.832	29.504	30.726	24.958	1.021	14.707
8/16/2017 1:15	530100	119.487	19.071	269.155	40057.934	45173.578	29.496	30.718	24.964	1.021	14.704
8/16/2017 1:30	531000	119.484	19.071	269.148	40088.598	45208.16	29.521	30.742	24.945	1.021	14.707
8/16/2017 1:45	531900	119.488	19.07	269.159	40094.332	45215.133	29.526	30.746	24.941	1.021	14.703
8/16/2017 2:00	532800	119.501	19.071	269.187	40039.762	45152.887	29.481	30.704	24.975	1.021	14.7
8/16/2017 2:15	533700	119.517	19.072	269.223	40080.566	45198.508	29.514	30.735	24.95	1.021	14.702
8/16/2017 2:30	534600	119.538	19.073	269.272	40078.496	45194.977	29.512	30.733	24.951	1.021	14.702
8/16/2017 2:45	535500	119.549	19.074	269.295	40036.523	45146.121	29.476	30.699	24.977	1.021	14.704
8/16/2017 3:00	536400	119.567	19.075	269.336	40080.023	45194.582	29.512	30.732	24.95	1.021	14.706
8/16/2017 3:15	537300	119.607	19.077	269.427	40072.43	45183.727	29.504	30.725	24.955	1.021	14.701
8/16/2017 3:30	538200	119.629	19.075	269.475	40125.164	45212.086	29.546	30.765	24.907	1.021	14.705
8/16/2017 3:45	539100	119.66	19.08	269.545	40089.426	45200.516	29.516	30.736	24.944	1.021	14.704
8/16/2017 4:00	540000	119.678	19.081	269.586	40091.363	45201.168	29.517	30.737	24.943	1.021	14.706
8/16/2017 4:15	540900	119.72	19.082	269.681	40119.359	45231.887	29.539	30.758	24.926	1.021	14.698
8/16/2017 4:30	541800	119.751	19.083	269.751	40108.695	45219.098	29.53	30.749	24.932	1.021	14.702
8/16/2017 4:45	542700	119.765	19.083	269.782	40113.773	45224.488	29.534	30.753	24.929	1.021	14.707
8/16/2017 5:00	543600	119.796	19.084	269.852	40084.777	45190.855	29.509	30.73	24.947	1.021	14.708
8/16/2017 5:15	544500	119.82	19.084	269.906	40102.259	45210.563	29.524	30.743	24.936	1.021	14.705
8/16/2017 5:30	545400	119.839	19.085	269.948	40112.258	45220.914	29.531	30.75	24.93	1.021	14.712
8/16/2017 5:45	546300	119.874	19.085	270.027	40104.621	45212.305	29.525	30.744	24.935	1.021	14.71
8/16/2017 6:00	547200	119.889	19.085	270.061	40146.309	45259.457	29.559	30.776	24.909	1.021	14.712
8/16/2017 6:15	548100	119.922	19.085	270.136	40104.871	45212.59	29.525	30.745	24.935	1.021	14.708
8/16/2017 6:30	549000	119.951	19.086	270.156	40113	45221.402	29.531	30.751	24.93	1.021	14.714
8/16/2017 6:45	549900	119.946	19.085	270.191	40124.941	45235.715	29.542	30.76	24.922	1.021	14.709
8/16/2017 7:00	550800	119.951	19.085	270.202	40155.813	45270.098	29.567	30.784	24.903	1.021	14.723
8/16/2017 7:15	551700	119.952	19.085	270.204	40106.996	45215.066	29.527	30.746	24.933	1.021	14.72
8/16/2017 7:30	552600	119.954	19.084	270.208	40125.285	45236.449	29.542	30.761	24.922	1.021	14.717
8/16/2017 7:45	553500	119.954	19.084	270.208	40129.117	45240.77	29.546	30.764	24.92	1.021	14.72
8/16/2017 8:00	554400	119.949	19.084	270.196	40126.887	45238.668	29.544	30.762	24.921	1.021	14.726
8/16/2017 8:15	555300	119.937	19.084	270.17	40138.324	45251.821	29.554	30.771	24.914	1.021	14.724
8/16/2017 8:30	556200	119.944	19.083	270.186	40127.766	45240.441	29.545	30.764	24.92	1.021	14.715
8/16/2017 8:45	557100	119.93	19.083	270.153	40119.848	45231.668	29.539	30.758	24.925	1.021	14.729
8/16/2017 9:00	558000	119.91	19.083	270.11	40140.281	45254.879	29.556	30.773	24.913	1.021	14.725
8/16/2017 9:15	558900	119.887	19.082	270.057	40123.668	45236.582	29.542	30.761	24.923	1.021	14.737
8/16/2017 9:30	559800	119.882	19.082	270.045	40146.738	45262.934	29.562	30.779	24.909	1.021	14.731
8/16/2017 9:45	560700	119.866	19.082	270.009	40170.543	45290.27	29.581	30.797	24.894	1.021	14.735
8/16/2017 10:00	561600	119.851	19.081	269.975	40178.969	45299.859	29.588	30.804	24.889	1.021	14.732
8/16/2017 10:15	562500	119.831	19.081	269.932	40173.027	45293.828	29.584	30.8	24.892	1.021	14.732
8/16/2017 10:30	563400	119.83	19.081	269.93	40160.523	45279.574	29.574	30.79	24.9	1.021	14.728
8/16/2017 10:45	564300	119.819	19.081	269.905	40198.055	45322.227	29.605	30.819	24.877	1.021	14.732
8/16/2017 11:00	565200	119.803	19.081	269.868	40196.32	45320.27	29.603	30.818	24.878	1.021	14.736
8/16/2017 11:15	566100	119.794	19.08	269.847	40142.77	45260.467	29.567	30.777	24.911	1.021	14.738
8/16/2017 11:30	567000	119.785	19.08	269.827	40203.934	45329.023	29.61	30.824	24.873	1.021	14.732
8/16/2017 11:45	567900	119.789	19.08	269.836	40204.5	45329.582	29.61	30.824	24.873	1.021	14.734
8/16											

Report Date:

8/18/2017 9:02

Report User Name:

WMassoll

Report Computer Name:

WKST52

Application:

WinSitu.exe

Application Version:

5.6.27.1

Log File Properties

File Name

MPWSP MW-1M Pre Test_2017-08-17_08-31-32-539-BaroMerge.wsl

Create Date

8/18/2017 9:00

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

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: Hernandez 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: Hernandez 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

5/25/2017 8:28 Log Download - Used Battery: 12% Used Memory: 25% User Name: AVanHaitsma Interval - Start Time: 5/17/2017 10:00:00 PM Stop Time: 5/25/2017 8:15:00 AM

6/1/2017 12:05 Log Download - Used Battery: 12% Used Memory: 26% User Name: WMassoll Interval - Start Time: 4/30/2017 10:00:00 PM Stop Time: 6/1/2017 1:00:00 PM

6/8/2017 16:40 Log Download - Used Battery: 13% Used Memory: 26% User Name: WMassoll Interval - Start Time: 5/31/2017 10:00:00 PM Stop Time: 6/8/2017 5:30:00 PM

6/15/2017 16:37 Log Download - Used Battery: 13% Used Memory: 28% User Name: AVanHaitsma Interval - Start Time: 6/7/2017 10:00:00 PM Stop Time: 6/15/2017 5:30:00 PM

6/22/2017 15:49 Log Download - Used Battery: 13% Used Memory: 28% User Name: AVanHaitsma Interval - Start Time: 6/14/2017 10:00:00 PM Stop Time: 6/22/2017 4:45:00 PM

6/29/2017 11:33 Log Download - Used Battery: 14% Used Memory: 29% User Name: WMassoll Interval - Start Time: 6/21/2017 10:00:00 PM Stop Time: 6/29/2017 11:30:00 AM

7/6/2017 12:14 Log Download - Used Battery: 14% Used Memory: 29% User Name: AVanHaitsma Interval - Start Time: 5/31/2017 10:00:00 PM Stop Time: 7/6/2017 1:00:00 PM

7/13/2017 16:00 Log Download - Used Battery: 14% Used Memory: 31% User Name: WMassoll Interval - Start Time: 7/5/2017 10:00:00 PM Stop Time: 7/13/2017 4:45:00 PM

7/20/2017 13:20 Log Download - Used Battery: 15% Used Memory: 31% User Name: WMassoll Interval - Start Time: 7/12/2017 10:00:00 PM Stop Time: 7/20/2017 2:15:00 PM

7/27/2017 7:43 Log Download - Used Battery: 15% Used Memory: 32% User Name: AVanHaitsma Interval - Start Time: 7/19/2017 10:00:00 PM Stop Time: 7/27/2017 8:30:00 AM

8/3/2017 8:02 Log Download - Used Battery: 16% Used Memory: 32% User Name: AVanHaitsma Interval - Start Time: 6/30/2017 10:00:00 PM Stop Time: 8/3/2017 9:00:00 AM

8/10/2017 14:11 Log Download - Used Battery: 16% Used Memory: 34% User Name: WMassoll Interval - Start Time: 8/2/2017 10:00:00 PM Stop Time: 8/10/2017 2:00:00 PM

8/17/2017 8:30 Log Download - Used Battery: 16% Used Memory: 34% User Name: AVanHaitsma Interval - Start Time: 8/9/2017 10:00:00 PM Stop Time: 8/17/2017 9:30:00 AM

8/18/2017 9:00 User Note: "Pressure & Level adjusted by baro data from: "MPWSP Barotroll_2017-08-17_15-14-23-201.wsl""

Log Data:

Record Count

715

Sensors

2

1

469248 PCTD 100 PSIA (60.1m/197.3ft)

2

0 Baro-Adjustment Calc

Time Zone: Pacific Daylight Time

Elapsed Time

Sensor: PCTD(A) 197.3ft

SNR: 469248

Corrected

Pressure (PSI)

Temperature (C)

Depth (ft)

Actual Conductivity (µS/cm)

Specific Conductivity (µS/cm)

Salinity (PSU)

Total Dissolved Solids (ppt)

Resistivity (ohm-cm)

Water Density (g/cm3)

Barometric Pressure (PSI)

Date and Time

8/10/2017 0:00

8/10/2017 0:15

8/10/2017 0:30

8/10/2017 0:45

8/10/2017 1:00

8/10/2017 1:15

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66600

67500

68400

69300

70200

71100

72000

72900

73800

74700

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86400

87300

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8/10/2017 22:30	88200	67.615	15.879	152.309	42178.941	51076.996	33.625	34.732	23.709	1.025	14.71
8/10/2017 22:45	89100	67.629	15.878	152.34	42162.715	51058.398	33.612	34.72	23.718	1.025	14.706
8/10/2017 23:00	90000	67.621	15.879	152.323	42150.621	51043.336	33.601	34.709	23.724	1.025	14.714
8/10/2017 23:15	90900	67.641	15.878	152.368	42181.754	51081.336	33.629	34.735	23.707	1.025	14.705
8/10/2017 23:30	91800	67.634	15.878	152.353	42161.797	51057.805	33.611	34.719	23.718	1.025	14.71
8/10/2017 23:45	92700	67.645	15.878	152.377	42178.508	51077.523	33.626	34.733	23.709	1.025	14.701
8/11/2017 0:00	93600	67.654	15.878	152.398	42185.23	51086.388	33.632	34.739	23.705	1.025	14.706
8/11/2017 0:15	94500	67.658	15.878	152.407	42173.359	51071.391	33.621	34.729	23.712	1.025	14.706
8/11/2017 0:30	95400	67.652	15.878	152.392	42194.609	51096.809	33.64	34.746	23.7	1.025	14.711
8/11/2017 0:45	96300	67.665	15.877	152.422	42197.414	51101.875	33.644	34.749	23.698	1.025	14.707
8/11/2017 1:00	97200	67.668	15.877	152.429	42192.699	51095.848	33.639	34.745	23.701	1.025	14.706
8/11/2017 1:15	98100	67.667	15.877	152.425	42148.445	51042.363	33.6	34.709	23.726	1.025	14.709
8/11/2017 1:30	99000	67.678	15.877	152.45	42205.508	51111.359	33.651	34.756	23.694	1.025	14.702
8/11/2017 1:45	99900	67.676	15.877	152.448	42190.754	51117.051	33.655	34.76	23.702	1.025	14.704
8/11/2017 2:00	100800	67.681	15.877	152.459	42174.523	51074.574	33.623	34.731	23.711	1.025	14.7
8/11/2017 2:15	101700	67.675	15.876	152.445	42218.957	51128.582	33.663	34.767	23.686	1.025	14.706
8/11/2017 2:30	102600	67.671	15.877	152.435	42192.496	51096.223	33.639	34.745	23.701	1.025	14.71
8/11/2017 2:45	103500	67.68	15.876	152.457	42161.449	51059.461	33.612	34.72	23.718	1.025	14.702
8/11/2017 3:00	104400	67.679	15.876	152.455	42171.852	51072.059	33.622	34.729	23.712	1.025	14.7
8/11/2017 3:15	105300	67.671	15.877	152.470	42170.566	51070.297	33.62	34.713	23.713	1.025	14.697
8/11/2017 3:30	106200	67.669	15.876	152.431	42196.645	51102.41	33.644	34.75	23.699	1.025	14.704
8/11/2017 3:45	107100	67.666	15.876	152.425	42201.559	51107.941	33.648	34.753	23.696	1.025	14.704
8/11/2017 4:00	108000	67.662	15.875	152.415	42207.742	51116.672	33.654	34.759	23.692	1.025	14.702
8/11/2017 4:15	108900	67.657	15.876	152.404	42188.746	51092.938	33.637	34.743	23.703	1.025	14.701
8/11/2017 4:30	109800	67.64	15.876	152.366	42180.098	51081.84	33.629	34.736	23.708	1.025	14.71
8/11/2017 4:45	110700	67.639	15.875	152.363	42191.293	51096.535	33.64	34.746	23.702	1.025	14.707
8/11/2017 5:00	111600	67.638	15.876	152.361	42190.448	51094.633	33.638	34.744	23.702	1.025	14.702
8/11/2017 5:15	112500	67.638	15.875	152.36	42218.758	51130.012	33.664	34.768	23.686	1.025	14.699
8/11/2017 5:30	113400	67.619	15.875	152.319	42180.148	51082.938	33.63	34.736	23.708	1.025	14.709
8/11/2017 5:45	114300	67.62	15.876	152.321	42204.813	51112.301	33.651	34.756	23.694	1.025	14.704
8/11/2017 6:00	115200	67.609	15.875	152.296	42180.793	51083.719	33.63	34.737	23.707	1.025	14.702
8/11/2017 6:15	116100	67.603	15.876	152.283	42191.375	51095.289	33.639	34.745	23.702	1.025	14.703
8/11/2017 6:30	117000	67.599	15.876	152.274	42173.695	51074.816	33.624	34.731	23.711	1.025	14.705
8/11/2017 6:45	117900	67.591	15.876	152.256	42171.777	51071.555	33.621	34.729	23.713	1.025	14.704
8/11/2017 7:00	118800	67.569	15.876	152.205	42168.109	51067.32	33.618	34.726	23.715	1.025	14.708
8/11/2017 7:15	119700	67.58	15.877	152.231	42179.559	51080.043	33.628	34.734	23.708	1.025	14.705
8/11/2017 7:30	120600	67.566	15.877	152.199	42180.082	51081.191	33.628	34.735	23.708	1.025	14.711
8/11/2017 7:45	121500	67.565	15.877	152.197	42194.176	51098.258	33.641	34.747	23.7	1.025	14.712
8/11/2017 8:00	122400	67.563	15.877	152.192	42180.664	51081.176	33.628	34.735	23.708	1.025	14.708
8/11/2017 8:15	123300	67.558	15.878	152.181	42150.832	51050.832	33.601	34.71	23.724	1.025	14.714
8/11/2017 8:30	124200	67.540	15.878	152.16	42185.98	51087.188	33.63	34.739	23.705	1.025	14.718
8/11/2017 8:45	125100	67.552	15.878	152.166	42161.324	51057.23	33.611	34.719	23.718	1.025	14.709
8/11/2017 9:00	126000	67.552	15.879	152.167	42155.059	51048.391	33.604	34.713	23.722	1.025	14.713
8/11/2017 9:15	126900	67.546	15.879	152.153	42204.168	51107.543	33.648	34.753	23.694	1.025	14.713
8/11/2017 9:30	127800	67.54	15.878	152.14	42206.469	51111.387	33.651	34.756	23.693	1.025	14.718
8/11/2017 9:45	128700	67.544	15.879	152.149	42195.25	51097.262	33.64	34.746	23.699	1.025	14.718
8/11/2017 10:00	129600	67.55	15.879	152.162	42192.441	51092.938	33.637	34.743	23.701	1.025	14.712
8/11/2017 10:15	130500	67.551	15.88	152.164	42205.973	51108.91	33.649	34.754	23.693	1.025	14.714
8/11/2017 10:30	131400	67.544	15.88	152.149	42189.184	51088.055	33.634	34.74	23.703	1.025	14.721
8/11/2017 10:45	132300	67.547	15.88	152.157	42183.129	51080.723	33.628	34.735	23.706	1.025	14.718
8/11/2017 11:00	133200	67.549	15.88	152.161	42206.707	51110	33.65	34.755	23.693	1.025	14.718
8/11/2017 11:15	134100	67.555	15.881	152.175	42160.969	51053.367	33.608	34.716	23.719	1.025	14.717
8/11/2017 11:30	135000	67.559	15.881	152.184	42201.352	51102.059	33.644	34.749	23.696	1.025	14.72
8/11/2017 11:45	135900	67.571	15.88	152.21	42197.59	51098.848	33.642	34.747	23.698	1.025	14.712
8/11/2017 12:00	136800	67.562	15.881	152.191	42175.125	51070.402	33.621	34.728	23.711	1.025	14.716
8/11/2017 12:15	137700	67.568	15.881	152.203	42207.898	51109.77	33.65	34.755	23.692	1.025	14.719
8/11/2017 12:30	138600	67.579	15.881	152.227	42199.008	51099.539	33.642	34.748	23.697	1.025	14.71
8/11/2017 12:45	139500	67.575	15.88	152.22	42215.07	51119.305	33.657	34.761	23.688	1.025	14.716
8/11/2017 13:00	140400	67.581	15.883	152.233	42187.047	51084.633	33.631	34.738	23.704	1.025	14.704
8/11/2017 13:15	141300	67.588	15.881	152.248	42209.5	51111.82	33.651	34.756	23.691	1.025	14.71
8/11/2017 13:30	142200	67.592	15.881	152.258	42172.363	51066.336	33.618	34.725	23.712	1.025	14.703
8/11/2017 13:45	143100	67.591	15.88	152.255	42210.871	51114.219	33.653	34.758	23.691	1.025	14.708
8/11/2017 14:00	144000	67.595	15.882	152.265	42229.078	51134.695	33.668	34.772	23.68	1.025	14.709
8/11/2017 14:15	144900	67.591	15.881	152.255	42216.137	51120.063	33.657	34.762	23.688	1.025	14.712
8/11/2017 14:30	145800	67.6	15.88	152.277	42207.238	51109.703	33.65	34.755	23.693	1.025	14.705
8/11/2017 14:45	146700	67.603	15.881	152.282	42185.105	51082.963	33.629	34.736	23.705	1.025	14.705
8/11/2017 15:00	147600	67.601	15.88	152.278	42220.555	51125.828	33.661	34.766	23.685	1.025	14.704
8/11/2017 15:15	148500	67.601	15.88	152.277	42214.109	51118.438	33.656	34.761	23.689	1.025	14.7
8/11/2017 15:30	149400	67.606	15.88	152.29	42188.328	51087.219	33.63	34.739	23.703	1.025	14.695
8/11/2017 15:45	150300	67.606	15.88	152.29	42174.395	51070.348	33.621	34.728	23.711	1.025	14.697
8/11/2017 16:00	151200	67.601	15.88	152.277	42214.293	51118.461	33.656	34.761	23.689	1.025	14.7
8/11/2017 16:15	152100	67.6	15.879	152.276	42203.750	51065.848	33.647	34.753	23.695	1.025	14.695
8/11/2017 16:30	153000	67.602	15.88	152.28	42213.875	51118.48	33.656	34.761	23.689	1.025	14.687
8/11/2017 16:45	153900	67.588	15.88	152.248	42190.746	51090.473	33.635	34.742	23.702	1.025	14.699
8/11/2017 17:00	154800	67.591	15.879	152.256	42226.996	51135.406	33.668	34.772	23.682	1.025	14.694
8/11/2017 17:15	155700	67.589	15.88	152.25	42198.652	51100.352	33.643	34.748	23.697	1.025	14.691
8/11/2017 17:30	156600	67.592	15.879	152.257	42208.207	51112.555	33.652	34.757	23.692	1.025	14.685
8/11/2017 17:45	157500	67.583	15.879	152.238	42215.648	51121.246	33.658	34.762	23.688	1.025	14.688
8/11/2017 18:00	158400	67.589	15.879	152.251	42198.184	51109.59	33.643	34.749	23.698	1.025	14.697
8/11/2017 18:15	159300	67.576	15.879	152.222	42184.172	51083.547	33.63	34.737	23.706	1.025	14.682
8/11/2017 18:30	160200	67.576	15.879	152.222	42186.617	51085.984	33.632	34.738	23.704	1.025	14.676
8/11/2017 18:45	161100	67.571	15.879	152.21	42193.215	51094.496	33.638	34.744	23.7	1.025	14.676
8/11/2017 19:00	162000	67.578	15.879	152.225	42208.02	51112.949	33.652	34.757	23.692	1	

8/13/2017 2:30	275400	67.619	15.88	152.318	42177.727	51074.594	33.624	34.731	23.709	1.025	14.695
8/13/2017 2:45	276300	67.619	15.88	152.318	42192.699	51092.836	33.637	34.743	23.701	1.025	14.695
8/13/2017 3:00	277200	67.622	15.88	152.325	42151.227	51042.703	33.6	34.709	23.724	1.025	14.692
8/13/2017 3:15	278100	67.624	15.88	152.33	42205.402	51107.895	33.648	34.753	23.694	1.025	14.694
8/13/2017 3:30	279000	67.622	15.879	152.326	42146.797	51037.664	33.597	34.706	23.727	1.025	14.692
8/13/2017 3:45	279900	67.624	15.879	152.329	42181.805	51080.156	33.628	34.735	23.707	1.025	14.694
8/13/2017 4:00	280800	67.624	15.879	152.329	42200.348	51093.445	33.645	34.75	23.696	1.025	14.696
8/13/2017 4:15	281700	67.625	15.879	152.331	42206.367	51110.84	33.65	34.755	23.693	1.025	14.692
8/13/2017 4:30	282600	67.631	15.879	152.345	42195	51096.859	33.64	34.746	23.699	1.025	14.689
8/13/2017 4:45	283500	67.62	15.879	152.321	42171.918	51068.402	33.619	34.727	23.712	1.025	14.698
8/13/2017 5:00	284400	67.621	15.879	152.322	42213.504	51119.367	33.657	34.761	23.689	1.025	14.691
8/13/2017 5:15	285300	67.621	15.879	152.323	42158.285	51052.297	33.607	34.716	23.72	1.025	14.693
8/13/2017 5:30	286200	67.615	15.879	152.31	42216.35	51123.156	33.659	34.764	23.687	1.025	14.695
8/13/2017 5:45	287100	67.609	15.879	152.296	42188.18	51083.616	33.63	34.74	23.703	1.025	14.7
8/13/2017 6:00	288000	67.609	15.878	152.296	42172.047	51069.488	33.62	34.727	23.712	1.025	14.697
8/13/2017 6:15	288900	67.599	15.879	152.273	42188.914	51089.191	33.634	34.741	23.703	1.025	14.704
8/13/2017 6:30	289800	67.604	15.879	152.284	42194.09	51095.973	33.639	34.745	23.7	1.025	14.701
8/13/2017 6:45	290700	67.604	15.879	152.284	42184.656	51084.551	33.631	34.737	23.705	1.025	14.698
8/13/2017 7:00	291600	67.591	15.879	152.256	42199.328	51102.199	33.644	34.749	23.697	1.025	14.706
8/13/2017 7:15	292500	67.59	15.879	152.254	42160.621	51053.469	33.608	34.716	23.719	1.025	14.723
8/13/2017 7:30	293400	67.58	15.878	152.231	42174.035	51071.895	33.622	34.729	23.711	1.025	14.704
8/13/2017 7:45	294300	67.582	15.879	152.234	42190.996	51091.711	33.636	34.742	23.702	1.025	14.701
8/13/2017 8:00	295200	67.576	15.879	152.221	42186.934	51087.309	33.633	34.739	23.704	1.025	14.708
8/13/2017 8:15	296100	67.563	15.878	152.192	42198.934	51102.262	33.644	34.75	23.697	1.025	14.714
8/13/2017 8:30	297000	67.564	15.879	152.194	42212.898	51118.332	33.656	34.76	23.689	1.025	14.71
8/13/2017 8:45	297900	67.555	15.879	152.174	42181.23	51079.766	33.627	34.734	23.707	1.025	14.714
8/13/2017 9:00	298800	67.549	15.879	152.161	42184.352	51083.863	33.63	34.737	23.705	1.025	14.716
8/13/2017 9:15	299700	67.543	15.88	152.146	42173.965	51070.238	33.621	34.728	23.711	1.025	14.719
8/13/2017 9:30	300600	67.547	15.88	152.157	42194.32	51095	33.639	34.745	23.7	1.025	14.716
8/13/2017 9:45	301500	67.542	15.88	152.145	42183.445	51081.633	33.629	34.736	23.706	1.025	14.723
8/13/2017 10:00	302400	67.539	15.88	152.137	42218.652	51124.352	33.66	34.765	23.686	1.025	14.721
8/13/2017 10:15	303300	67.534	15.88	152.128	42209.648	51113.359	33.652	34.757	23.691	1.025	14.723
8/13/2017 10:30	304200	67.536	15.88	152.132	42160.621	51053.469	33.608	34.716	23.719	1.025	14.723
8/13/2017 10:45	305100	67.536	15.881	152.132	42219.613	51124.586	33.661	34.765	23.686	1.025	14.725
8/13/2017 11:00	306000	67.531	15.88	152.12	42205.699	51108.469	33.649	34.754	23.693	1.025	14.728
8/13/2017 11:15	306900	67.53	15.881	152.118	42183.488	51080.746	33.628	34.735	23.706	1.025	14.73
8/13/2017 11:30	307800	67.545	15.881	152.152	42201.59	51102.348	33.644	34.75	23.696	1.025	14.723
8/13/2017 11:45	308700	67.537	15.882	152.133	42224.16	51128.535	33.664	34.767	23.683	1.025	14.728
8/13/2017 12:00	309600	67.54	15.881	152.139	42209.492	51111.492	33.651	34.756	23.691	1.025	14.727
8/13/2017 12:15	310500	67.547	15.882	152.156	42212.832	51078.756	33.627	34.734	23.706	1.025	14.734
8/13/2017 12:30	311400	67.548	15.881	152.158	42162.363	51054.426	33.609	34.717	23.718	1.025	14.728
8/13/2017 12:45	312300	67.552	15.882	152.167	42188.789	51086.008	33.632	34.738	23.703	1.025	14.723
8/13/2017 13:00	313200	67.556	15.881	152.177	42221.25	51125.832	33.662	34.766	23.685	1.025	14.725
8/13/2017 13:15	314100	67.565	15.882	152.197	42218.633	51122.051	33.659	34.763	23.686	1.025	14.721
8/13/2017 13:30	315000	67.571	15.881	152.21	42211.973	51114.703	33.653	34.758	23.69	1.025	14.719
8/13/2017 13:45	315900	67.576	15.881	152.222	42243.969	51153.559	33.682	34.784	23.672	1.025	14.726
8/13/2017 14:00	316800	67.582	15.881	152.236	42220.082	51124.418	33.66	34.765	23.685	1.025	14.718
8/13/2017 14:15	317700	67.587	15.881	152.246	42224.223	51129.23	33.664	34.768	23.683	1.025	14.722
8/13/2017 14:30	318600	67.585	15.882	152.241	42187.359	51084.387	33.631	34.737	23.704	1.025	14.724
8/13/2017 14:45	319500	67.597	15.882	152.269	42171.359	51065.012	33.617	34.724	23.713	1.025	14.719
8/13/2017 15:00	320400	67.597	15.881	152.27	42224.305	51129.531	33.664	34.768	23.683	1.025	14.716
8/13/2017 15:15	321300	67.611	15.881	152.301	42221.113	51126.09	33.662	34.766	23.685	1.025	14.71
8/13/2017 15:30	322200	67.614	15.88	152.307	42226.188	51132.648	33.666	34.77	23.682	1.025	14.711
8/13/2017 15:45	323100	67.621	15.881	152.323	42230.91	51138.059	33.67	34.774	23.679	1.025	14.708
8/13/2017 16:00	324000	67.624	15.88	152.33	42176.242	51072.996	33.623	34.73	23.71	1.025	14.708
8/13/2017 16:15	324900	67.631	15.879	152.346	42193.559	51094.609	33.638	34.744	23.7	1.025	14.702
8/13/2017 16:30	325800	67.621	15.879	152.324	42191.027	51091.543	33.636	34.742	23.702	1.025	14.711
8/13/2017 16:45	326700	67.629	15.879	152.34	42221.441	51128.461	33.663	34.767	23.685	1.025	14.704
8/13/2017 17:00	327600	67.634	15.879	152.363	42219.969	51126.895	33.662	34.766	23.685	1.025	14.696
8/13/2017 17:15	328500	67.633	15.879	152.35	42186.434	51086.387	33.632	34.739	23.704	1.025	14.703
8/13/2017 17:30	329400	67.636	15.878	152.356	42195.406	51098.297	33.641	34.747	23.699	1.025	14.699
8/13/2017 17:45	330300	67.638	15.878	152.361	42204.641	51109.785	33.649	34.755	23.694	1.025	14.696
8/13/2017 18:00	331200	67.641	15.878	152.368	42195.348	51098.117	33.641	34.747	23.699	1.025	14.695
8/13/2017 18:15	332100	67.637	15.878	152.359	42197.406	51101.125	33.643	34.749	23.698	1.025	14.693
8/13/2017 18:30	333000	67.629	15.877	152.34	42192.117	51094.941	33.639	34.745	23.701	1.025	14.692
8/13/2017 18:45	333900	67.636	15.877	152.366	42200.742	51105.386	33.646	34.752	23.696	1.025	14.696
8/13/2017 19:00	334800	67.635	15.878	152.354	42193.645	51096.262	33.64	34.745	23.7	1.025	14.686
8/13/2017 19:15	335700	67.638	15.877	152.362	42205.469	51111.109	33.65	34.756	23.694	1.025	14.683
8/13/2017 19:30	336600	67.629	15.877	152.342	42185.168	51087.348	33.633	34.739	23.705	1.025	14.686
8/13/2017 19:45	337500	67.628	15.877	152.338	42196.613	51100.695	33.643	34.748	23.699	1.025	14.684
8/13/2017 20:00	338400	67.622	15.876	152.325	42161.676	51059.41	33.612	34.72	23.718	1.025	14.687
8/13/2017 20:15	339300	67.615	15.877	152.308	42226.582	51137.088	33.67	34.773	23.682	1.025	14.688
8/13/2017 20:30	340200	67.616	15.877	152.312	42195.887	51100.023	33.642	34.748	23.699	1.025	14.687
8/13/2017 20:45	341100	67.613	15.876	152.305	42191.938	51095.973	33.639	34.745	23.701	1.025	14.686
8/13/2017 21:00	342000	67.613	15.877	152.306	42199.426	51104.832	33.646	34.751	23.697	1.025	14.689
8/13/2017 21:15	342900	67.606	15.877	152.289	42181.027	51082.453	33.629	34.736	23.707	1.025	14.692
8/13/2017 21:30	343800	67.6	15.877	152.276	42188.965	51091.945	33.636	34.743	23.703	1.025	14.696
8/13/2017 21:45	344700	67.598	15.877	152.271	42221.227	51130.504	33.645	34.769	23.685	1.025	14.692
8/13/2017 22:00	345600	67.593	15.877	152.26	42203.609	51099.256	33.649	34.754	23.695	1.025	14.695
8/13/2017 22:15	346500	67.598	15.876	152.271	42187.605	51090.813	33.635	34.742	23.704	1.025	14.695
8/13/2017 22:30	347400	67.597	15.877	152.268	42161.953	51059.234	33.612	34.72	23.718	1.025	14.692
8/13/2017 22:45	348300	67.597	15.877	152.268	42165.727	51063.5	33.615	34.723	23.716	1.025	14.691
8/13/2017 23:00	349200	67.581	15.877	152.234	42136.004	51027.809					

8/15/2017 6:30	462600	67.644	15.875	152.376	42184.289	51087.844	33.633	34.74	23.706	1.025	14.669
8/15/2017 6:45	463500	67.643	15.876	152.373	42199.965	51106.629	33.647	34.753	23.697	1.025	14.677
8/15/2017 7:00	464400	67.632	15.875	152.348	42205	51113.133	33.652	34.757	23.694	1.025	14.685
8/15/2017 7:15	465300	67.641	15.876	152.369	42186.512	51089.914	33.635	34.741	23.704	1.025	14.682
8/15/2017 7:30	466200	67.645	15.875	152.377	42186.047	51090.711	33.635	34.742	23.705	1.025	14.679
8/15/2017 7:45	467100	67.639	15.875	152.363	42216.781	51127.195	33.662	34.766	23.687	1.025	14.685
8/15/2017 8:00	468000	67.641	15.875	152.368	42210.66	51120.098	33.657	34.762	23.691	1.025	14.691
8/15/2017 8:15	468900	67.642	15.875	152.369	42228.141	51141.16	33.672	34.776	23.681	1.025	14.689
8/15/2017 8:30	469800	67.632	15.875	152.348	42212.23	51121.789	33.658	34.763	23.69	1.025	14.694
8/15/2017 8:45	470700	67.63	15.875	152.344	42214.887	51125.008	33.66	34.765	23.688	1.025	14.694
8/15/2017 9:00	471600	67.635	15.875	152.355	42205.391	51113.605	33.652	34.757	23.694	1.025	14.693
8/15/2017 9:15	472500	67.641	15.875	152.368	42201.574	51109.832	33.649	34.755	23.696	1.025	14.69
8/15/2017 9:30	473400	67.628	15.875	152.339	42212.801	51122.797	33.659	34.764	23.689	1.025	14.697
8/15/2017 9:45	474300	67.629	15.875	152.342	42214.211	51124.711	33.66	34.765	23.689	1.025	14.693
8/15/2017 10:00	475200	67.619	15.875	152.318	42188.348	51093.695	33.637	34.744	23.703	1.025	14.702
8/15/2017 10:15	476100	67.626	15.874	152.334	42206.09	51115.82	33.654	34.759	23.693	1.025	14.695
8/15/2017 10:30	477000	67.623	15.875	152.328	42211.238	51120.688	33.657	34.762	23.69	1.025	14.701
8/15/2017 10:45	477900	67.614	15.875	152.307	42231.66	51145.637	33.676	34.779	23.679	1.025	14.707
8/15/2017 11:00	478800	67.616	15.875	152.312	42199.828	51106.98	33.647	34.753	23.697	1.025	14.703
8/15/2017 11:15	479700	67.614	15.875	152.307	42227.539	51140.855	33.672	34.776	23.681	1.025	14.702
8/15/2017 11:30	480600	67.611	15.875	152.301	42217.141	51128.16	33.663	34.767	23.687	1.025	14.703
8/15/2017 11:45	481500	67.607	15.875	152.292	42208.969	51118.57	33.656	34.761	23.692	1.025	14.71
8/15/2017 12:00	482400	67.614	15.876	152.308	42204.801	51112.484	33.651	34.756	23.694	1.025	14.701
8/15/2017 12:15	483300	67.621	15.876	152.324	42206.91	51114.84	33.653	34.758	23.693	1.025	14.696
8/15/2017 12:30	484200	67.609	15.875	152.296	42196.691	51103.184	33.644	34.75	23.699	1.025	14.709
8/15/2017 12:45	485100	67.621	15.875	152.323	42188.539	51085.988	33.637	34.743	23.703	1.025	14.699
8/15/2017 13:00	486000	67.617	15.876	152.314	42207.43	51115.355	33.653	34.758	23.693	1.025	14.704
8/15/2017 13:15	486900	67.624	15.876	152.329	42218.875	51128.91	33.663	34.768	23.686	1.025	14.699
8/15/2017 13:30	487800	67.624	15.875	152.33	42216.047	51126.414	33.662	34.766	23.688	1.025	14.704
8/15/2017 13:45	488700	67.625	15.876	152.332	42205.781	51113.672	33.652	34.757	23.693	1.025	14.706
8/15/2017 14:00	489600	67.633	15.876	152.35	42220.281	51131.035	33.665	34.769	23.685	1.025	14.699
8/15/2017 14:15	490500	67.636	15.876	152.357	42243.555	51159.418	33.686	34.788	23.672	1.025	14.699
8/15/2017 14:30	491400	67.644	15.876	152.374	42201.176	51107.781	33.648	34.753	23.696	1.025	14.699
8/15/2017 14:45	492300	67.653	15.876	152.396	42196.391	51102.195	33.644	34.749	23.699	1.025	14.696
8/15/2017 15:00	493200	67.655	15.876	152.399	42250.398	51167.707	33.692	34.794	23.668	1.025	14.7
8/15/2017 15:15	494100	67.664	15.875	152.42	42230.512	51144.355	33.675	34.778	23.68	1.025	14.698
8/15/2017 15:30	495000	67.672	15.875	152.437	42206.289	51114.695	33.653	34.758	23.693	1.025	14.698
8/15/2017 15:45	495900	67.678	15.875	152.452	42210.797	51120.684	33.657	34.762	23.691	1.025	14.7
8/15/2017 16:00	496800	67.686	15.875	152.47	42217.635	51128.441	33.663	34.767	23.687	1.025	14.694
8/15/2017 16:15	497700	67.698	15.874	152.497	42212.484	51123.563	33.659	34.764	23.69	1.025	14.694
8/15/2017 16:30	498600	67.7	15.874	152.501	42229.516	51143.98	33.674	34.778	23.68	1.025	14.695
8/15/2017 16:45	499500	67.714	15.874	152.533	42237.996	51154.762	33.682	34.785	23.675	1.025	14.691
8/15/2017 17:00	500400	67.721	15.874	152.548	42227.852	51142.793	33.673	34.777	23.681	1.025	14.691
8/15/2017 17:15	501300	67.723	15.873	152.552	42231.219	51147.098	33.677	34.78	23.679	1.025	14.695
8/15/2017 17:30	502200	67.725	15.873	152.558	42209.852	51121.617	33.658	34.763	23.691	1.025	14.695
8/15/2017 17:45	503100	67.73	15.872	152.568	42217.32	51132.227	33.666	34.77	23.687	1.025	14.695
8/15/2017 18:00	504000	67.735	15.872	152.58	42230.465	51147.629	33.677	34.78	23.68	1.025	14.692
8/15/2017 18:15	504900	67.738	15.872	152.586	42220.676	51136.504	33.669	34.773	23.685	1.025	14.694
8/15/2017 18:30	505800	67.744	15.871	152.599	42220.824	51137.207	33.669	34.773	23.685	1.025	14.689
8/15/2017 18:45	506700	67.739	15.871	152.589	42205.27	51118.477	33.655	34.761	23.694	1.025	14.69
8/15/2017 19:00	507600	67.741	15.87	152.592	42207.355	51121.723	33.658	34.763	23.693	1.025	14.693
8/15/2017 19:15	508500	67.74	15.871	152.592	42202.899	51115.879	33.653	34.759	23.695	1.025	14.69
8/15/2017 19:30	509400	67.743	15.87	152.597	42225.367	51144.469	33.674	34.778	23.682	1.025	14.691
8/15/2017 19:45	510300	67.738	15.87	152.587	42190.363	51101.992	33.643	34.749	23.702	1.025	14.69
8/15/2017 20:00	511200	67.737	15.87	152.584	42194.02	51106.203	33.646	34.752	23.7	1.025	14.695
8/15/2017 20:15	512100	67.731	15.869	152.572	42221.957	51140.871	33.672	34.776	23.684	1.025	14.695
8/15/2017 20:30	513000	67.733	15.869	152.574	42238.484	51161.316	33.687	34.79	23.675	1.025	14.695
8/15/2017 20:45	513900	67.73	15.868	152.569	42191.879	51105.488	33.646	34.752	23.701	1.025	14.694
8/15/2017 21:00	514800	67.729	15.868	152.567	42176.258	51086.323	33.633	34.739	23.71	1.025	14.698
8/15/2017 21:15	515700	67.728	15.868	152.565	42201.504	51117.559	33.654	34.76	23.696	1.025	14.696
8/15/2017 21:30	516600	67.713	15.868	152.531	42184.207	51097.031	33.639	34.746	23.705	1.025	14.703
8/15/2017 21:45	517500	67.712	15.868	152.528	42193.73	51108.031	33.647	34.753	23.7	1.025	14.701
8/15/2017 22:00	518400	67.709	15.868	152.52	42192.313	51106.535	33.646	34.752	23.701	1.025	14.707
8/15/2017 22:15	519300	67.707	15.868	152.517	42215.035	51134.375	33.667	34.771	23.688	1.025	14.701
8/15/2017 22:30	520200	67.691	15.868	152.48	42225.18	51146.664	33.676	34.78	23.683	1.025	14.712
8/15/2017 22:45	521100	67.688	15.867	152.474	42207.945	51072.595	33.628	34.73	23.717	1.025	14.717
8/15/2017 23:00	522000	67.686	15.867	152.469	42213.871	51133.164	33.666	34.771	23.689	1.025	14.709
8/15/2017 23:15	522900	67.679	15.868	152.454	42251.75	51178.008	33.699	34.801	23.668	1.025	14.706
8/15/2017 23:30	523800	67.674	15.868	152.443	42223.043	51143.758	33.674	34.778	23.684	1.025	14.71
8/15/2017 23:45	524700	67.676	15.867	152.447	42193.84	51109.105	33.648	34.754	23.7	1.025	14.704
8/16/2017 0:00	525600	67.672	15.868	152.439	42192.559	51106.832	33.647	34.753	23.701	1.025	14.704
8/16/2017 0:15	526500	67.666	15.867	152.426	42232.082	51155.223	33.682	34.786	23.679	1.025	14.709
8/16/2017 0:30	527400	67.657	15.868	152.405	42190.285	51103.34	33.644	34.75	23.702	1.025	14.707
8/16/2017 0:45	528300	67.659	15.868	152.408	42195.949	51110.32	33.649	34.755	23.699	1.025	14.702
8/16/2017 1:00	529200	67.653	15.868	152.394	42215.746	51134.594	33.667	34.772	23.688	1.025	14.707
8/16/2017 1:15	530100	67.652	15.868	152.393	42216.367	51134.934	33.667	34.772	23.687	1.025	14.704
8/16/2017 1:30	531000	67.642	15.869	152.369	42242.934	51166.063	33.69	34.793	23.673	1.025	14.707
8/16/2017 1:45	531900	67.643	15.868	152.372	42217.168	51135.902	33.668	34.772	23.687	1.025	14.703
8/16/2017 2:00	532800	67.643	15.87	152.372	42193.527	51106.023	33.646	34.752	23.7	1.025	14.7
8/16/2017 2:15	533700	67.638	15.869	152.362	42217.348	51135.5	33.668	34.772	23.687	1.025	14.702
8/16/2017 2:30	534600	67.64	15.87	152.366	42213.023	51129.121	33.663	34.768	23.689	1.025	14.702
8/16/2017 2:45	535500	67.638	15.87	152.362	42231.52	51151.625	33.68	34.783	23.679	1.025	14.704
8/16/2											

Report Date: 8/18/2017 9:02
Report User Name: WMassoll
Report Computer Name: WKST52
Application: WinSitu.exe
Application Version: 5.6.27.1

Log File Properties
File Name: MPWSP MW-1S LT Test_2017-08-17_08-28-28-155.wsl
Create Date: 8/17/2017 8:28

Device Properties
Device: Aqua TROLL 200
Site: MPWSP MW-1S
Device Name:
Serial Number: 421436
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-1S LT Test
Created By: nreynolds
Computer Name: PROBOOK1
Application: WinSitu.exe
Application Version: 5.6.25.0
Create Date: 10/27/2015 10:02:35 AM Pacific Daylight Time
Log Setup Time Zone: Pacific Daylight Time
Notes Size(bytes): 4096
Overwrite when full: Enabled
Scheduled Start Time: 10/27/2015 10:45:00 AM Pacific Daylight Time
Scheduled Stop Time: No Stop Time
Type: Linear
Interval: Days: 0 hrs: 00 mins: 15 secs: 00

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

Other Log Settings
Depth of Probe: -0.0405503 (ft)
Head Pressure: -0.0180016 (PSI)
Temperature: 22.3238 (C)
Specific Conductivity Model: Standard Methods
Reference Temperature: 25
Temperature Coefficient: 0.0191
TDS Factor: 0.68

Log Notes:
Date and Time Note
10/27/2015 10:02 Used Battery: 1% Used Memory: 3% User Name: nreynolds
10/27/2015 11:43 Log Download - Used Battery: 1% Used Memory: 3% User Name: nreynolds
10/29/2015 14:42 Log Download - Used Battery: 2% Used Memory: 3% User Name: KMakar
11/5/2015 13:40 Log Download - Used Battery: 2% Used Memory: 3% User Name: KMakar Interval - Start Time: 10/27/2015 10:45:00 AM Stop Time: 11/5/2015 1:40:00 PM
11/12/2015 9:38 Log Download - Used Battery: 2% Used Memory: 4% User Name: CShaw
11/19/2015 14:51 Log Download - Used Battery: 3% Used Memory: 4% User Name: KMakar Interval - Start Time: 11/1/2015 7:00:00 AM Stop Time: 11/19/2015 2:50:00 PM
11/29/2015 9:11 Log Download - Used Battery: 3% Used Memory: 6% User Name: CShaw Interval - Start Time: 11/13/2015 1:00:00 AM Stop Time: 11/29/2015 10:00:00 AM
12/3/2015 10:41 Log Download - Used Battery: 3% Used Memory: 6% User Name: KMakar Interval - Start Time: 11/18/2015 7:00:00 AM Stop Time: 12/3/2015 10:30:00 AM
12/10/2015 8:55 Log Download - Used Battery: 4% Used Memory: 7% User Name: CShaw Interval - Start Time: 10/13/2015 1:45:00 AM Stop Time: 12/10/2015 8:45:00 AM
12/17/2015 11:08 Log Download - Used Battery: 4% Used Memory: 7% User Name: KMakar Interval - Start Time: 12/1/2015 12:00:00 PM Stop Time: 12/17/2015 11:00:00 AM
1/3/2016 9:58 Log Download - Used Battery: 5% Used Memory: 10% User Name: CShaw Interval - Start Time: 11/30/2015 1:00:00 AM Stop Time: 1/3/2016 10:45:00 AM
1/7/2016 10:10 Log Download - Used Battery: 5% Used Memory: 10% User Name: KMakar Interval - Start Time: 12/31/2015 10:00:00 AM Stop Time: 1/7/2016 10:00:00 AM
1/14/2016 8:23 Log Download - Used Battery: 5% Used Memory: 10% User Name: KMakar Interval - Start Time: 1/4/2016 10:00:00 AM Stop Time: 1/14/2016 8:15:00 AM
1/21/2016 11:41 Log Download - Used Battery: 6% Used Memory: 12% User Name: KMakar Interval - Start Time: 1/12/2016 11:00:00 AM Stop Time: 1/21/2016 11:30:00 AM
1/28/2016 13:45 Log Download - Used Battery: 6% Used Memory: 12% User Name: KMakar Interval - Start Time: 1/18/2016 11:45:00 AM Stop Time: 1/28/2016 1:30:00 PM
2/4/2016 9:17 Log Download - Used Battery: 7% Used Memory: 14% User Name: CShaw Interval - Start Time: 12/31/2015 1:00:00 AM Stop Time: 2/4/2016 10:15:00 AM
2/11/2016 9:09 Log Download - Used Battery: 7% Used Memory: 14% User Name: CShaw Interval - Start Time: 2/2/2016 2:30:00 PM Stop Time: 2/11/2016 10:00:00 AM
2/18/2016 8:57 Log Download - Used Battery: 7% Used Memory: 15% User Name: CShaw Interval - Start Time: 2/4/2016 5:30:00 PM Stop Time: 2/18/2016 9:45:00 AM
2/25/2016 11:53 Log Download - Used Battery: 8% Used Memory: 17% User Name: KMakar Interval - Start Time: 2/15/2016 5:30:00 PM Stop Time: 2/25/2016 11:45:00 AM
3/3/2016 8:50 Log Download - Used Battery: 8% Used Memory: 17% User Name: SKuiper Interval - Start Time: 1/31/2016 12:00:01 AM Stop Time: 3/3/2016 9:00:00 AM
3/10/2016 8:32 Log Download - Used Battery: 8% Used Memory: 18% User Name: KMakar Interval - Start Time: 3/1/2016 12:00:00 PM Stop Time: 3/10/2016 8:30:00 AM
3/17/2016 17:50 Log Download - Used Battery: 9% Used Memory: 18% User Name: SKuiper Interval - Start Time: 3/8/2016 9:00:00 AM Stop Time: 3/17/2016 6:45:00 PM
3/24/2016 12:17 Log Download - Used Battery: 9% Used Memory: 20% User Name: KMakar Interval - Start Time: 3/15/2016 12:00:00 PM Stop Time: 3/24/2016 12:15:00 PM
3/31/2016 10:58 Log Download - Used Battery: 9% Used Memory: 20% User Name: SKuiper Interval - Start Time: 3/22/2016 12:00:00 PM Stop Time: 3/31/2016 11:45:00 AM
4/7/2016 12:00 Log Download - Used Battery: 10% Used Memory: 21% User Name: KMakar Interval - Start Time: 2/29/2016 5:00:00 PM Stop Time: 4/7/2016 12:00:00 PM
4/14/2016 13:21 Log Download - Used Battery: 10% Used Memory: 21% User Name: SKuiper Interval - Start Time: 4/5/2016 12:00:00 PM Stop Time: 4/14/2016 2:15:00 PM
4/21/2016 10:34 Log Download - Used Battery: 11% Used Memory: 23% User Name: ELinden Interval - Start Time: 4/12/2016 1:30:00 PM Stop Time: 4/21/2016 11:30:00 AM
4/28/2016 11:02 Log Download - Used Battery: 11% Used Memory: 23% User Name: KMakar Interval - Start Time: 4/19/2016 5:00:00 PM Stop Time: 4/28/2016 11:00:00 AM
5/5/2016 12:37 Log Download - Used Battery: 11% Used Memory: 25% User Name: SKuiper Interval - Start Time: 3/31/2016 12:00:00 PM Stop Time: 5/5/2016 12:30:00 PM
5/12/2016 16:00 Log Download - Used Battery: 12% Used Memory: 25% User Name: SKuiper Interval - Start Time: 5/3/2016 12:00:00 PM Stop Time: 5/12/2016 4:45:00 PM
5/19/2016 16:34 Log Download - Used Battery: 12% Used Memory: 26% User Name: ELinden Interval - Start Time: 5/10/2016 12:00:00 PM Stop Time: 5/19/2016 5:30:00 PM
5/26/2016 14:16 Log Download - Used Battery: 12% Used Memory: 26% User Name: SKuiper Interval - Start Time: 5/17/2016 6:00:00 PM Stop Time: 5/26/2016 2:15:00 PM
6/2/2016 14:25 Log Download - Used Battery: 13% Used Memory: 28% User Name: SKuiper Interval - Start Time: 4/30/2016 10:00:00 PM Stop Time: 6/2/2016 2:15:00 PM
6/9/2016 10:57 Log Download - Used Battery: 13% Used Memory: 28% User Name: CShaw Interval - Start Time: 5/31/2016 5:00:00 AM Stop Time: 6/9/2016 11:45:00 AM
6/16/2016 17:37 Log Download - Used Battery: 13% Used Memory: 29% User Name: SKuiper Interval - Start Time: 6/7/2016 10:30:00 PM Stop Time: 6/16/2016 6:30:00 PM
6/23/2016 17:37 Log Download - Used Battery: 14% Used Memory: 29% User Name: SKuiper Interval - Start Time: 6/15/2016 10:00:00 PM Stop Time: 6/23/2016 5:30:00 PM
6/30/2016 15:09 Log Download - Used Battery: 14% Used Memory: 31% User Name: SKuiper Interval - Start Time: 6/22/2016 12:00:00 PM Stop Time: 6/30/2016 5:45:00 PM
6/30/2016 15:47 Log Download - Used Battery: 14% Used Memory: 31% User Name: SKuiper Interval - Start Time: 6/29/2016 12:00:00 PM Stop Time: 6/30/2016 3:45:00 PM
7/1/2016 9:20 Log Download - Used Battery: 14% Used Memory: 31% User Name: SKuiper Interval - Start Time: 5/31/2016 10:00:00 PM Stop Time: 7/1/2016 9:15:00 AM
7/8/2016 9:19 Log Download - Used Battery: 15% Used Memory: 32% User Name: SKuiper Interval - Start Time: 6/29/2016 10:00:00 PM Stop Time: 7/8/2016 10:00:00 AM
7/14/2016 12:44 Log Download - Used Battery: 15% Used Memory: 32% User Name: ELinden Interval - Start Time: 7/5/2016 12:00:00 PM Stop Time: 7/14/2016 1:30:00 PM
7/21/2016 13:52 Log Download - Used Battery: 15% Used Memory: 34% User Name: SKuiper Interval - Start Time: 7/13/2016 10:00:00 PM Stop Time: 7/21/2016 1:45:00 PM
7/28/2016 14:44 Log Download - Used Battery: 16% Used Memory: 34% User Name: SKuiper Interval - Start Time: 7/20/2016 10:00:00 PM Stop Time: 7/28/2016 3:30:00 PM
8/4/2016 12:08 Log Download - Used Battery: 16% Used Memory: 35% User Name: SKuiper Interval - Start Time: 6/30/2016 10:00:00 PM Stop Time: 8/4/2016 12:00:00 PM
8/11/2016 13:56 Log Download - Used Battery: 16% Used Memory: 35% User Name: ELinden Interval - Start Time: 8/3/2016 12:00:00 PM Stop Time: 8/11/2016 2:45:00 PM
8/18/2016 11:17 Log Download - Used Battery: 17% Used Memory: 37% User Name: SKuiper Interval - Start Time: 8/10/2016 10:00:00 PM Stop Time: 8/18/2016 12:00:00 PM
8/25/2016 16:34 Log Download - Used Battery: 17% Used Memory: 37% User Name: ELinden Interval - Start Time: 8/17/2016 10:00:00 PM Stop Time: 8/25/2016 5:30:00 PM
9/1/2016 13:17 Log Download - Used Battery: 17% Used Memory: 39% User Name: skuiper Interval - Start Time: 7/31/2016 10:00:00 PM Stop Time: 9/1/2016 1:15:00 PM
9/8/2016 11:31 Log Download - Used Battery: 18% Used Memory: 39% User Name: SKuiper Interval - Start Time: 8/31/2016 10:00:00 PM Stop Time: 9/8/2016 12:15:00 PM
9/15/2016 18:31 Log Download - Used Battery: 18% Used Memory: 40% User Name: ANorris Interval - Start Time: 9/7/2016 10:00:00 PM Stop Time: 9/15/2016 7:30:00 PM
9/22/2016 15:44 Log Download - Used Battery: 19% Used Memory: 40% User Name: ANorris Interval - Start Time: 9/14/2016 10:00:00 PM Stop Time: 9/22/2016 4:30:00 PM
10/2/2016 8:30 Log Download - Used Battery: 19% Used Memory: 42% User Name: ANorris Interval - Start Time: 9/21/2016 10:00:00 PM Stop Time: 10/2/2016 9:15:00 AM
10/7/2016 18:21 Log Download - Used Battery: 19% Used Memory: 42% User Name: SKuiper Interval - Start Time: 9/28/2016 10:00:00 PM Stop Time: 10/7/2016 6:15:00 PM
10/13/2016 13:26 Log Download - Used Battery: 20% Used Memory: 43% User Name: SKuiper Interval - Start Time: 10/5/2016 10:00:00 PM Stop Time: 10/13/2016 1:15:00 PM
10/20/2016 12:17 Log Download - Used Battery: 20% Used Memory: 43% User Name: SKuiper Interval - Start Time: 10/12/2016 10:00:00 PM Stop Time: 10/20/2016 12:15:00 PM
10/27/2016 9:50 Log Download - Used Battery: 20% Used Memory: 45% 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 9:19 Log Download - Used Battery: 21% Used Memory: 45% User Name: SKuiper Interval - Start Time: 9/30/2016 10:00:00 PM Stop Time: 11/3/2016 10:15:00 AM
11/10/2016 10:45 Log Download - Used Battery: 21% Used Memory: 46% User Name: SKuiper Interval - Start Time: 11/2/2016 10:00:00 PM Stop Time: 11/10/2016 10:45:00 AM
11/17/2016 8:39 Log Download - Used Battery: 21% Used Memory: 46% User Name: SKuiper Interval - Start Time: 11/9/2016 10:00:00 PM Stop Time: 11/17/2016 8:30:00 AM
11/24/2016 16:03 Log Download - Used Battery: 22% Used Memory: 48% 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 12:21 Log Download - Used Battery: 22% Used Memory: 48% User Name: SKuiper Interval - Start Time: 10/31/2016 10:00:00 PM Stop Time: 12/1/2016 1:15:00 PM
12/8/2016 12:37 Log Download - Used Battery: 22% Used Memory: 50% 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 10:48 Log Download - Used Battery: 23% Used Memory: 51% 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 19:30 Log Download - Used Battery: 23% Used Memory: 51% User Name: ANorris Interval - Start Time: 12/14/2016 10:00:00 PM Stop Time: 12/22/2016 8:15:00 PM
1/5/2017 15:40 Log Download - Used Battery: 24% Used Memory: 53% User Name: SKuiper Interval - Start Time: 11/30/2016 10:00:00 PM Stop Time: 1/5/2017 3:30:00 PM

Log Data:
Record Count: 714

Sensors: 1
1 421436 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	Sensor: PCTD(G) 231ft
		SN#: 421436 Pressure (PSI)	SN#: 421436 Temperature (C)	SN#: 421436 Depth (ft)	SN#: 421436 Actual Conductivity (µS/cm)	SN#: 421436 Specific Conductivity (µS/cm)	SN#: 421436 Salinity (PSU)	SN#: 421436 Total Dissolved Solids (ppm)	SN#: 421436 Resistivity (ohm-cm)	SN#: 421436 Water Density (g/cm3)	
8/10/2017 0:00	7200	18.838	15.14	42.435	41441.234	51056.297	33.553	34718.285	24.131	1.025	
8/10/2017 0:15	8100	18.838	15.139	42.433	41421.957	51033.914	33.536	34703.063	24.142	1.025	
8/10/2017 0:30	9000	18.841	15.14	42.44	41450.297	51067.875	33.561	34726.156	24.125	1.025	
8/10/2017 0:45	9900	18.838	15.139	42.433	41432.637	51047.402	33.546	34712.234	24.136	1.025	
8/10/2017 1:00	10800	18.847	15.14	42.454	41421.637	51032.887	33.536	34702.367	24.142	1.025	
8/10/2017 1:15	11700	18.849	15.139	42.459	41442.285	51059.07	33.555	34720.168	24.13	1.025	
8/10/2017 1:30	12600	18.847	15.139	42.455	41443.492	51060.043	33.555	34720.828	24.129	1.025	
8/10/2017 1:45	13500	18.849	15.139	42.46	41457.32	51078.027	33.569	34733.059	24.121	1.025	
8/10/2017 2:00	14400	18.85	15.138	42.461	41442.922	51061.145	33.556	34721.582	24.13	1.025	
8/10/2017 2:15	15300	18.854	15.139	42.471	41477.887	51102.418	33.587	34749.645	24.109	1.025	
8/10/2017 2:30	16200	18.861	15.14	42.487	41473.793	51096.613	33.582	34745.699	24.112	1.025	
8/10/2017 2:45	17100	18.861	15.139	42.487	41417.148	51028.102	33.532	34699.113	24.145	1.025	
8/10/2017 3:00	18000	18.858	15.14	42.479	41437.125	51051.871	33.55	34715.273	24.133	1.025	
8/10/2017 3:15	18900	18.859	15.138	42.482	41448.82	51067.984	33.561	34726.23	24.126	1.025	
8/10/2017 3:30	19800	18.866	15.139	42.497	41460.648	51081.063	33.571	34735.121	24.119	1.025	
8/10/2017 3:45	20700	18.868	15.138	42.502	41461.691	51084.473	33.573	34737.441	24.119	1.025	
8/10/2017 4:00	21600	18.864	15.138	42.493	41420.363	51032.922	33.535	34702.391	24.143	1.025	
8/10/2017 4:15	22500	18.866	15.138	42.497	41456.289	51077.816	33.568	34732.914	24.122	1.025	
8/10/2017 4:30	23400	18.864	15.139	42.493	41465.039	51087.105	33.575	34739.23	24.117	1.025	
8/10/2017 4:45	24300	18.864	15.139	42.493	41457.227	51077.91	33.569	34732.984	24.121	1.025	
8/10/2017 5:00	25200	18.862	15.138	42.488	41439.121	51056.566	33.553	34718.469	24.132	1.025	
8/10/2017 5:15	26100	18.862	15.138	42.488	41424.188	51037.734	33.539	34705.66	24.14	1.025	
8/10/2017 5:30	27000	18.862	15.138	42.488	41442.996	51060.906	33.556	34721.422	24.13	1.025	
8/10/2017 5:45	27900	18.862	15.139	42.489	41445.492	51063.141	33.558	34722.938	24.128	1.025	
8/10/2017 6:00	28800	18.861	15.138	42.487	41410.527	51021.117	33.527	34694.363	24.148	1.025	
8/10/2017 6:15	29700	18.864	15.138	42.493	41424.762	51038.652	33.54	34706.289	24.14	1.025	
8/10/2017 6:30	30600	18.864	15.137	42.494	41426.984	51042.344	33.542	34708.793	24.139	1.025	
8/10/2017 6:45	31500	18.857	15.138	42.476	41437.664	51054.668	33.551	34717.18	24.133	1.025	
8/10/2017 7:00	32400	18.853	15.138	42.467	41415.215	51026.891	33.531	34698.289	24.146	1.025	
8/10/2017 7:15	33300	18.851	15.138	42.464	41435.176	51051.805	33.549	34715.23	24.134	1.025	
8/10/2017 7:30	34200	18.852	15.138	42.467	41434.734	51050.941	33.549	34714.641	24.134	1.025	
8/10/2017 7:45	35100	18.845	15.138	42.45	41452.199	51072.988	33.565	34729.633	24.124	1.025	
8/10/2017 8:00	36000	18.839	15.138	42.436	41434.063	51050.23	33.548	34714.156	24.135	1.025	
8/10/2017 8:15	36900	18.839	15.137	42.437	41431.461	51047.656	33.546	34712.406	24.136	1.025	
8/10/2017 8:30	37800	18.833	15.139	42.422	41450.75	51069.719	33.563	34727.414	24.125	1.025	
8/10/2017 8:45	38700	18.826	15.138	42.408	41481.789	51108.484	33.591	34753.773	24.107	1.025	
8/10/2017 9:00	39600	18.826	15.138	42.407	41432.848	51048.836	33.547	34713.207	24.135	1.025	
8/10/2017 9:15	40500	18.823	15.139	42.401	41450.762	51069.945	33.563	34727.566	24.125	1.025	
8/10/2017 9:30	41400	18.82	15.138	42.393	41459.703	51081.395	33.571	34735.348	24.12	1.025	
8/10/2017 9:45	42300	18.814	15.138	42.379	41436.594	51053.664	33.551	34716.496	24.133	1.025	

8/10/2017 10:00	43200	18.806	15.14	42.362	41447.133	51064.301	33.559	34723.727	24.127	1.025
8/10/2017 10:15	44100	18.812	15.138	42.376	41493.449	51122.852	33.602	34763.543	24.1	1.025
8/10/2017 10:30	45000	18.802	15.139	42.353	41458.648	51079.555	33.57	34734.102	24.12	1.025
8/10/2017 10:45	45900	18.802	15.138	42.353	41460.809	51083.184	33.572	34736.57	24.119	1.025
8/10/2017 11:00	46800	18.799	15.138	42.347	41433.727	51049.816	33.548	34713.875	24.135	1.025
8/10/2017 11:15	47700	18.801	15.138	42.351	41462.133	51084.055	33.573	34737.16	24.118	1.025
8/10/2017 11:30	48600	18.797	15.139	42.343	41450.637	51069.246	33.562	34727.09	24.125	1.025
8/10/2017 11:45	49500	18.793	15.139	42.334	41437.473	51052.629	33.55	34715.789	24.133	1.025
8/10/2017 12:00	50400	18.792	15.139	42.332	41430.133	51044.219	33.544	34710.07	24.137	1.025
8/10/2017 12:15	51300	18.793	15.139	42.333	41436.438	51051.555	33.549	34715.063	24.133	1.025
8/10/2017 12:30	52200	18.787	15.138	42.32	41449.156	51068.07	33.561	34726.293	24.126	1.025
8/10/2017 12:45	53100	18.787	15.139	42.319	41440.715	51056.504	33.553	34718.422	24.131	1.025
8/10/2017 13:00	54000	18.78	15.139	42.305	41471.805	51095.008	33.581	34744.605	24.113	1.025
8/10/2017 13:15	54900	18.78	15.139	42.305	41454.328	51074.027	33.566	34730.344	24.123	1.025
8/10/2017 13:30	55800	18.778	15.14	42.3	41450.328	51067.914	33.561	34726.184	24.125	1.025
8/10/2017 13:45	56700	18.781	15.14	42.306	41453.824	51072.543	33.565	34729.328	24.123	1.025
8/10/2017 14:00	57600	18.777	15.14	42.297	41432.094	51045.34	33.545	34710.836	24.136	1.025
8/10/2017 14:15	58500	18.778	15.139	42.3	41464.949	51086.563	33.575	34738.863	24.117	1.025
8/10/2017 14:30	59400	18.78	15.14	42.305	41450.301	51067.672	33.561	34726.016	24.125	1.025
8/10/2017 14:45	60300	18.779	15.139	42.301	41424.906	51037.547	33.539	34705.531	24.14	1.025
8/10/2017 15:00	61200	18.775	15.14	42.292	41449.703	51067.367	33.561	34725.813	24.126	1.025
8/10/2017 15:15	62100	18.779	15.141	42.301	41417.23	51026.191	33.531	34697.813	24.145	1.025
8/10/2017 15:30	63000	18.775	15.139	42.292	41419.465	51030.746	33.534	34700.91	24.143	1.025
8/10/2017 15:45	63900	18.78	15.139	42.305	41427.293	51039.965	33.541	34707.176	24.139	1.025
8/10/2017 16:00	64800	18.776	15.139	42.294	41427.375	51040.066	33.541	34707.25	24.139	1.025
8/10/2017 16:15	65700	18.78	15.139	42.305	41386.859	50990.902	33.505	34673.813	24.162	1.025
8/10/2017 16:30	66600	18.779	15.14	42.301	41460.48	51079.801	33.57	34734.27	24.119	1.025
8/10/2017 16:45	67500	18.778	15.139	42.3	41452.027	51071.074	33.564	34728.332	24.124	1.025
8/10/2017 17:00	68400	18.778	15.138	42.3	41443.555	51061.266	33.556	34721.66	24.129	1.025
8/10/2017 17:15	69300	18.786	15.14	42.317	41445.59	51061.664	33.557	34721.934	24.128	1.025
8/10/2017 17:30	70200	18.78	15.139	42.305	41438.816	51054.586	33.551	34717.117	24.132	1.025
8/10/2017 17:45	71100	18.782	15.139	42.308	41451.645	51070.172	33.563	34727.723	24.124	1.025
8/10/2017 18:00	72000	18.783	15.139	42.312	41444.742	51062.098	33.557	34722.23	24.129	1.025
8/10/2017 18:15	72900	18.781	15.14	42.306	41437.723	51052.383	33.55	34715.621	24.133	1.025
8/10/2017 18:30	73800	18.778	15.14	42.3	41404.316	51011.449	33.52	34687.785	24.152	1.025
8/10/2017 18:45	74700	18.786	15.14	42.317	41431.906	51045.441	33.545	34710.902	24.136	1.025
8/10/2017 19:00	75600	18.779	15.139	42.301	41444.68	51062.02	33.557	34722.172	24.129	1.025
8/10/2017 19:15	76500	18.781	15.138	42.306	41433.785	51049.34	33.548	34713.551	24.135	1.025
8/10/2017 19:30	77400	18.778	15.14	42.3	41438.52	51053.688	33.551	34716.512	24.132	1.025
8/10/2017 19:45	78300	18.784	15.139	42.312	41454.813	51074.938	33.566	34730.957	24.123	1.025
8/10/2017 20:00	79200	18.778	15.139	42.3	41455.508	51075.363	33.567	34731.246	24.122	1.025
8/10/2017 20:15	80100	18.783	15.139	42.311	41479.629	51104.648	33.588	34751.164	24.108	1.025
8/10/2017 20:30	81000	18.79	15.139	42.326	41448.27	51065.93	33.56	34724.836	24.126	1.025
8/10/2017 20:45	81900	18.785	15.139	42.315	41428.762	51041.895	33.542	34708.488	24.138	1.025
8/10/2017 21:00	82800	18.787	15.138	42.319	41444.191	51062.484	33.557	34722.488	24.129	1.025
8/10/2017 21:15	83700	18.788	15.139	42.321	41439.707	51055.582	33.552	34717.801	24.131	1.025
8/10/2017 21:30	84600	18.79	15.138	42.327	41463.645	51086.348	33.575	34738.715	24.118	1.025
8/10/2017 21:45	85500	18.792	15.138	42.33	41440.996	51058.113	33.554	34719.516	24.131	1.025
8/10/2017 22:00	86400	18.791	15.138	42.329	41425.578	51039.117	33.54	34706.605	24.14	1.025
8/10/2017 22:15	87300	18.794	15.138	42.334	41461.676	51084.137	33.573	34737.219	24.119	1.025
8/10/2017 22:30	88200	18.796	15.139	42.34	41453.246	51072.262	33.564	34729.137	24.124	1.025
8/10/2017 22:45	89100	18.794	15.139	42.336	41444.574	51062.109	33.557	34722.238	24.129	1.025
8/10/2017 23:00	90000	18.796	15.14	42.341	41451.695	51069.289	33.562	34727.121	24.124	1.025
8/10/2017 23:15	90900	18.796	15.14	42.341	41450.324	51068.234	33.562	34726.398	24.125	1.025
8/10/2017 23:30	91800	18.797	15.139	42.343	41419.031	51030.109	33.534	34700.477	24.143	1.025
8/10/2017 23:45	92700	18.799	15.14	42.347	41449.219	51066.871	33.561	34725.477	24.126	1.025
8/11/2017 0:00	93600	18.802	15.14	42.353	41461.855	51082.008	33.572	34735.766	24.119	1.025
8/11/2017 0:15	94500	18.806	15.138	42.362	41443.473	51061.277	33.556	34721.668	24.129	1.025
8/11/2017 0:30	95400	18.81	15.139	42.371	41441.828	51057.992	33.554	34719.438	24.13	1.025
8/11/2017 0:45	96300	18.81	15.139	42.37	41444.926	51061.691	33.557	34721.949	24.128	1.025
8/11/2017 1:00	97200	18.814	15.139	42.379	41450.105	51069.137	33.562	34727.012	24.125	1.025
8/11/2017 1:15	98100	18.817	15.138	42.387	41425.84	51039.672	33.54	34706.977	24.14	1.025
8/11/2017 1:30	99000	18.82	15.138	42.393	41448.059	51067.359	33.561	34725.809	24.127	1.025
8/11/2017 1:45	99900	18.82	15.14	42.393	41438.578	51052.816	33.55	34715.914	24.132	1.025
8/11/2017 2:00	100800	18.82	15.139	42.394	41435.852	51051.145	33.549	34714.777	24.134	1.025
8/11/2017 2:15	101700	18.822	15.138	42.399	41444.004	51061.719	33.557	34721.969	24.129	1.025
8/11/2017 2:30	102600	18.826	15.139	42.407	41435.57	51050.797	33.549	34714.547	24.134	1.025
8/11/2017 2:45	103500	18.825	15.139	42.406	41447.648	51065.367	33.559	34724.449	24.127	1.025
8/11/2017 3:00	104400	18.827	15.138	42.411	41436.688	51052.918	33.55	34715.984	24.133	1.025
8/11/2017 3:15	105300	18.827	15.138	42.41	41432.578	51048.176	33.547	34712.766	24.136	1.025
8/11/2017 3:30	106200	18.831	15.138	42.419	41465.164	51087.891	33.576	34739.77	24.117	1.025
8/11/2017 3:45	107100	18.829	15.138	42.415	41418.855	51031.164	33.534	34701.195	24.144	1.025
8/11/2017 4:00	108000	18.835	15.139	42.428	41437.75	51053.699	33.551	34716.52	24.133	1.025
8/11/2017 4:15	108900	18.833	15.138	42.423	41460.867	51083.57	33.573	34736.832	24.119	1.025
8/11/2017 4:30	109800	18.832	15.137	42.421	41476.695	51103.391	33.587	34750.305	24.11	1.025
8/11/2017 4:45	110700	18.834	15.138	42.426	41423.844	51037.309	33.539	34705.371	24.141	1.025
8/11/2017 5:00	111600	18.835	15.138	42.428	41458.813	51080.395	33.57	34734.668	24.12	1.025
8/11/2017 5:15	112500	18.832	15.138	42.421	41434.199	51050.809	33.549	34714.555	24.135	1.025
8/11/2017 5:30	113400	18.838	15.138	42.433	41410.531	51021.34	33.527	34694.516	24.148	1.025
8/11/2017 5:45	114300	18.835	15.138	42.427	41448.77	51068.453	33.562	34726.547	24.126	1.025
8/11/2017 6:00	115200	18.832	15.138	42.422	41420.988	51034.227	33.536	34703.273	24.142	1.025
8/11/2017 6:15	116100	18.832	15.137	42.421	41434.473	51051.147	33.549	34715.004	24.134	1.025
8/11/2017 6:30	117000	18.831	15.137	42.419	41441.809	51061.031	33.556	34721.5	24.13	1.025
8/11/2017 6:45	117900	18.824	15.138	42.402	41447.098	51065.742	33.56	34724.703	24.127	1.025
8/11/2017 7:00	118800	18.823	15.138	42.402	41398.844	51006.836	33.516	34684.652	24.155	1.025
8/11/2017 7:15	119700	18.825	15.138	42.404	41417.598	51030.258	33.533	34700.578	24.144	1.025
8/11/2017 7:30	120600	18.82	15.137	42.393	41476.207	51103.203	33.587	34750.184	24.11	1.025
8/11/2017 7:45	121500	18.815	15.138	42.382	41463.195	51085.367	33.574	34738.051	24.118	1.025
8/11/2017 8:00	122400	18.809	15.138	42.36						

8/12/2017 6:30	203400	18.804	15.138	42.358	41447.469	51066.949	33.56	34725.527	24.127	1.025
8/12/2017 6:45	204300	18.8	15.139	42.349	41454.035	51073.977	33.566	34730.305	24.123	1.025
8/12/2017 7:00	205200	18.799	15.137	42.346	41454.988	51077.059	33.568	34732.398	24.123	1.025
8/12/2017 7:15	206100	18.797	15.137	42.343	41452.574	51073.238	33.565	34729.801	24.124	1.025
8/12/2017 7:30	207000	18.797	15.137	42.343	41436.734	51054.465	33.551	34717.039	24.133	1.025
8/12/2017 7:45	207900	18.792	15.137	42.332	41437.984	51055.578	33.552	34717.797	24.132	1.025
8/12/2017 8:00	208800	18.788	15.139	42.321	41422.965	51035.156	33.537	34703.906	24.141	1.025
8/12/2017 8:15	209700	18.783	15.137	42.311	41459.504	51082.094	33.572	34735.824	24.12	1.025
8/12/2017 8:30	210600	18.782	15.138	42.308	41443.297	51061.922	33.557	34722.105	24.129	1.025
8/12/2017 8:45	211500	18.775	15.138	42.293	41469.387	51093.75	33.58	34743.75	24.114	1.025
8/12/2017 9:00	212400	18.772	15.136	42.285	41430.266	51047.762	33.546	34712.48	24.137	1.025
8/12/2017 9:15	213300	18.776	15.138	42.294	41407.57	51018	33.524	34692.246	24.15	1.025
8/12/2017 9:30	214200	18.77	15.138	42.281	41452.395	51072.484	33.565	34729.289	24.124	1.025
8/12/2017 9:45	215100	18.761	15.138	42.261	41441.773	51059.301	33.555	34720.324	24.13	1.025
8/12/2017 10:00	216000	18.761	15.138	42.26	41424.953	51039.32	33.54	34706.742	24.14	1.025
8/12/2017 10:15	216900	18.761	15.137	42.261	41423.383	51037.59	33.539	34705.563	24.141	1.025
8/12/2017 10:30	217800	18.757	15.137	42.251	41446.656	51066.488	33.56	34725.211	24.127	1.025
8/12/2017 10:45	218700	18.749	15.138	42.234	41424.621	51039.008	33.54	34706.527	24.14	1.025
8/12/2017 11:00	219600	18.749	15.139	42.233	41431.938	51046.441	33.545	34711.582	24.136	1.025
8/12/2017 11:15	220500	18.747	15.139	42.229	41449.035	51066.957	33.561	34725.531	24.126	1.025
8/12/2017 11:30	221400	18.749	15.14	42.233	41436.055	51050.551	33.549	34714.379	24.134	1.025
8/12/2017 11:45	222300	18.743	15.138	42.22	41450.039	51069.688	33.562	34727.387	24.125	1.025
8/12/2017 12:00	223200	18.737	15.138	42.208	41448.684	51067.914	33.561	34726.184	24.126	1.025
8/12/2017 12:15	224100	18.741	15.138	42.215	41442.574	51060.289	33.556	34720.996	24.13	1.025
8/12/2017 12:30	225000	18.741	15.139	42.217	41435.547	51050.984	33.549	34714.668	24.134	1.025
8/12/2017 12:45	225900	18.739	15.138	42.211	41430.59	51046.055	33.545	34711.32	24.137	1.025
8/12/2017 13:00	226800	18.739	15.138	42.212	41460.719	51083.07	33.572	34736.488	24.119	1.025
8/12/2017 13:15	227700	18.741	15.139	42.215	41447.254	51065.625	33.56	34724.629	24.127	1.025
8/12/2017 13:30	228600	18.741	15.139	42.215	41437.715	51053.441	33.551	34716.344	24.133	1.025
8/12/2017 13:45	229500	18.736	15.139	42.205	41440.289	51056.18	33.553	34718.203	24.131	1.025
8/12/2017 14:00	230400	18.741	15.139	42.216	41439.453	51055.582	33.552	34717.801	24.132	1.025
8/12/2017 14:15	231300	18.734	15.138	42.201	41425.863	51039.371	33.54	34706.777	24.14	1.025
8/12/2017 14:30	232200	18.741	15.14	42.216	41452.699	51071.16	33.564	34728.395	24.124	1.025
8/12/2017 14:45	233100	18.741	15.139	42.215	41453.672	51073.098	33.565	34729.711	24.123	1.025
8/12/2017 15:00	234000	18.741	15.139	42.216	41448.484	51066.707	33.56	34725.359	24.126	1.025
8/12/2017 15:15	234900	18.746	15.139	42.228	41423.914	51036.867	33.538	34705.07	24.141	1.025
8/12/2017 15:30	235800	18.747	15.139	42.23	41427.039	51039.855	33.541	34707.105	24.139	1.025
8/12/2017 15:45	236700	18.743	15.139	42.22	41444.641	51062.191	33.557	34722.289	24.129	1.025
8/12/2017 16:00	237600	18.749	15.14	42.233	41421.168	51031.988	33.535	34701.754	24.142	1.025
8/12/2017 16:15	238500	18.755	15.138	42.247	41457.234	51078.02	33.569	34733.055	24.121	1.025
8/12/2017 16:30	239400	18.755	15.138	42.247	41449.113	51068.227	33.561	34726.395	24.126	1.025
8/12/2017 16:45	240300	18.756	15.139	42.249	41455.852	51076.109	33.567	34731.754	24.122	1.025
8/12/2017 17:00	241200	18.759	15.139	42.257	41426.961	51040.406	33.541	34707.477	24.139	1.025
8/12/2017 17:15	242100	18.761	15.138	42.261	41432.797	51047.914	33.547	34712.586	24.135	1.025
8/12/2017 17:30	243000	18.761	15.138	42.261	41438.105	51055.211	33.552	34717.543	24.132	1.025
8/12/2017 17:45	243900	18.77	15.139	42.281	41443.402	51060.336	33.556	34721.027	24.129	1.025
8/12/2017 18:00	244800	18.77	15.138	42.282	41438.641	51055.645	33.552	34717.844	24.132	1.025
8/12/2017 18:15	245700	18.77	15.138	42.281	41450.625	51070.207	33.563	34727.746	24.125	1.025
8/12/2017 18:30	246600	18.775	15.139	42.292	41417.871	51029.422	33.533	34700.008	24.144	1.025
8/12/2017 18:45	247500	18.78	15.138	42.305	41456.105	51077.703	33.568	34732.84	24.122	1.025
8/12/2017 19:00	248400	18.778	15.138	42.3	41434.738	51051.168	33.549	34714.793	24.134	1.025
8/12/2017 19:15	249300	18.78	15.138	42.305	41423.047	51036.859	33.538	34705.066	24.141	1.025
8/12/2017 19:30	250200	18.784	15.137	42.313	41433.371	51049.895	33.548	34713.934	24.135	1.025
8/12/2017 19:45	251100	18.78	15.138	42.305	41426.883	51041.16	33.542	34707.988	24.139	1.025
8/12/2017 20:00	252000	18.786	15.137	42.318	41457.426	51079.961	33.57	34734.375	24.121	1.025
8/12/2017 20:15	252900	18.784	15.137	42.312	41439.781	51058.422	33.554	34719.727	24.131	1.025
8/12/2017 20:30	253800	18.782	15.138	42.308	41441.93	51059.594	33.555	34720.523	24.13	1.025
8/12/2017 20:45	254700	18.787	15.136	42.318	41440.461	51059.801	33.555	34720.664	24.131	1.025
8/12/2017 21:00	255600	18.79	15.138	42.326	41455.82	51077.449	33.568	34732.664	24.122	1.025
8/12/2017 21:15	256500	18.785	15.137	42.316	41456.84	51079.668	33.57	34734.176	24.121	1.025
8/12/2017 21:30	257400	18.785	15.137	42.314	41438.516	51056.66	33.553	34718.527	24.132	1.025
8/12/2017 21:45	258300	18.787	15.137	42.318	41443.457	51062.953	33.557	34722.809	24.129	1.025
8/12/2017 22:00	259200	18.782	15.137	42.308	41445.59	51065.066	33.559	34724.246	24.128	1.025
8/12/2017 22:15	260100	18.785	15.138	42.314	41437.473	51054.43	33.551	34717.016	24.133	1.025
8/12/2017 22:30	261000	18.783	15.136	42.311	41417.297	51032.113	33.535	34701.84	24.145	1.025
8/12/2017 22:45	261900	18.782	15.137	42.308	41432.086	51048.535	33.547	34713.004	24.136	1.025
8/12/2017 23:00	262800	18.782	15.138	42.309	41427.23	51042.016	33.542	34708.574	24.139	1.025
8/12/2017 23:15	263700	18.782	15.136	42.308	41406.844	51018.379	33.525	34692.496	24.151	1.025
8/12/2017 23:30	264600	18.78	15.137	42.305	41436.988	51054.777	33.551	34717.25	24.133	1.025
8/12/2017 23:45	265500	18.779	15.138	42.301	41424.371	51038.172	33.539	34705.961	24.14	1.025
8/13/2017 0:00	266400	18.778	15.137	42.3	41447.727	51068.109	33.561	34726.32	24.127	1.025
8/13/2017 0:15	267300	18.777	15.137	42.297	41428.863	51045.301	33.544	34710.809	24.138	1.025
8/13/2017 0:30	268200	18.775	15.137	42.292	41430.402	51047.094	33.546	34712.023	24.137	1.025
8/13/2017 0:45	269100	18.779	15.137	42.301	41452.141	51073.246	33.565	34729.809	24.124	1.025
8/13/2017 1:00	270000	18.776	15.137	42.294	41454.953	51076.711	33.568	34732.168	24.123	1.025
8/13/2017 1:15	270900	18.778	15.137	42.3	41469.477	51094.91	33.581	34744.543	24.114	1.025
8/13/2017 1:30	271800	18.779	15.137	42.302	41440.617	51059.047	33.555	34720.152	24.131	1.025
8/13/2017 1:45	272700	18.774	15.137	42.29	41420.305	51034.426	33.536	34703.41	24.143	1.025
8/13/2017 2:00	273600	18.783	15.137	42.311	41420.57	51034.754	33.537	34703.637	24.143	1.025
8/13/2017 2:15	274500	18.779	15.137	42.302	41429.77	51045.883	33.545	34711.199	24.137	1.025
8/13/2017 2:30	275400	18.778	15.136	42.3	41433.328	51051.215	33.549	34714.828	24.135	1.025
8/13/2017 2:45	276300	18.78	15.137	42.304	41472.063	51097.887	33.583	34746.563	24.113	1.025
8/13/2017 3:00	277200	18.78	15.136	42.304	41417.066	51031.078	33.534	34701.133	24.145	1.025
8/13/2017 3:15	278100	18.781	15.136	42.306	41458.695	51082.266	33.572	34735.941	24.12	1.025
8/13/2017 3:30	279000	18.785	15.136	42.314	41453.109	51076.129	33.567	34731.77	24.124	1.025
8/13/2017 3:45	279900	18.78	15.135	42.304	41424.645	51041.809	33.542	34708.43	24.14	1.025
8/13/2017 4:00	280800	18.78	15.137	42.304	41439.777	51058.105	33.554	34719.512	24.131	1.025
8/13/2017 4:15	281700	18.787	15.137	42.318	41453.5	51075.555	33.567	34731.379	24.1	

8/14/2017 3:00	363600	18.777	15.133	42.297	41389.461	51001.105	33.512	34680.754	24.161	1.025
8/14/2017 3:15	364500	18.777	15.132	42.297	41448.887	51075.602	33.566	34731.41	24.126	1.025
8/14/2017 3:30	365400	18.778	15.133	42.299	41445.379	51070.328	33.562	34727.824	24.128	1.025
8/14/2017 3:45	366300	18.774	15.133	42.29	41446.07	51071.391	33.563	34728.551	24.128	1.025
8/14/2017 4:00	367200	18.772	15.133	42.285	41428.656	51049.93	33.548	34713.953	24.138	1.025
8/14/2017 4:15	368100	18.775	15.132	42.292	41420.375	51039.941	33.54	34707.16	24.143	1.025
8/14/2017 4:30	369000	18.772	15.132	42.285	41421.945	51042.301	33.542	34708.766	24.142	1.025
8/14/2017 4:45	369900	18.775	15.132	42.292	41422.129	51042.742	33.542	34709.066	24.142	1.025
8/14/2017 5:00	370800	18.771	15.134	42.283	41404.563	51018.75	33.525	34692.754	24.152	1.025
8/14/2017 5:15	371700	18.77	15.133	42.282	41421.012	51039.547	33.54	34706.895	24.142	1.025
8/14/2017 5:30	372600	18.775	15.133	42.292	41425.719	51046.203	33.545	34711.418	24.14	1.025
8/14/2017 5:45	373500	18.775	15.133	42.292	41453.52	51080.25	33.57	34734.574	24.123	1.025
8/14/2017 6:00	374400	18.768	15.133	42.276	41454.531	51081.496	33.571	34735.422	24.123	1.025
8/14/2017 6:15	375300	18.771	15.133	42.283	41397.156	51011.008	33.519	34687.484	24.156	1.025
8/14/2017 6:30	376200	18.771	15.133	42.283	41404.715	51019.996	33.526	34693.602	24.152	1.025
8/14/2017 6:45	377100	18.772	15.132	42.286	41415.777	51034.371	33.536	34703.371	24.145	1.025
8/14/2017 7:00	378000	18.77	15.132	42.281	41446.707	51072.281	33.564	34729.152	24.127	1.025
8/14/2017 7:15	378900	18.772	15.132	42.286	41416.094	51034.883	33.536	34703.719	24.145	1.025
8/14/2017 7:30	379800	18.774	15.132	42.29	41465.406	51095.957	33.581	34745.25	24.116	1.025
8/14/2017 7:45	380700	18.769	15.133	42.28	41431.535	51053.27	33.55	34716.227	24.136	1.025
8/14/2017 8:00	381600	18.769	15.132	42.28	41434.273	51057.164	33.553	34718.871	24.135	1.025
8/14/2017 8:15	382500	18.769	15.133	42.28	41424.789	51045.055	33.544	34710.641	24.14	1.025
8/14/2017 8:30	383400	18.764	15.133	42.268	41439.234	51062.535	33.557	34722.527	24.132	1.025
8/14/2017 8:45	384300	18.763	15.133	42.265	41440.074	51063.367	33.557	34723.09	24.131	1.025
8/14/2017 9:00	385200	18.762	15.132	42.263	41484.52	51120.055	33.599	34761.637	24.105	1.025
8/14/2017 9:15	386100	18.756	15.133	42.251	41414.887	51031.902	33.534	34701.699	24.146	1.025
8/14/2017 9:30	387000	18.759	15.133	42.257	41442.258	51066.691	33.56	34725.352	24.13	1.025
8/14/2017 9:45	387900	18.754	15.133	42.246	41461.02	51089.809	33.577	34741.074	24.119	1.025
8/14/2017 10:00	388800	18.754	15.133	42.246	41428.777	51049.871	33.547	34713.918	24.138	1.025
8/14/2017 10:15	389700	18.755	15.132	42.247	41424.566	51045.957	33.545	34711.25	24.14	1.025
8/14/2017 10:30	390600	18.747	15.133	42.23	41459.66	51087.816	33.575	34739.715	24.12	1.025
8/14/2017 10:45	391500	18.751	15.132	42.238	41426.418	51047.715	33.546	34712.449	24.139	1.025
8/14/2017 11:00	392400	18.749	15.132	42.234	41411.848	51029.434	33.532	34700.016	24.148	1.025
8/14/2017 11:15	393300	18.75	15.132	42.236	41447.262	51074.031	33.565	34730.344	24.127	1.025
8/14/2017 11:30	394200	18.75	15.133	42.236	41443.613	51068.043	33.561	34726.273	24.129	1.025
8/14/2017 11:45	395100	18.745	15.132	42.225	41417.582	51036.395	33.538	34704.75	24.144	1.025
8/14/2017 12:00	396000	18.744	15.132	42.222	41403.582	51019.676	33.525	34693.383	24.153	1.025
8/14/2017 12:15	396900	18.741	15.133	42.216	41452.441	51079.129	33.569	34733.809	24.124	1.025
8/14/2017 12:30	397800	18.741	15.131	42.215	41474.875	51108.371	33.59	34753.691	24.111	1.025
8/14/2017 12:45	398700	18.738	15.133	42.21	41425.543	51045.566	33.544	34710.988	24.14	1.025
8/14/2017 13:00	399600	18.739	15.132	42.212	41429.008	51051.105	33.548	34714.758	24.138	1.025
8/14/2017 13:15	400500	18.741	15.133	42.216	41449.648	51075.164	33.566	34731.113	24.126	1.025
8/14/2017 13:30	401400	18.741	15.133	42.216	41436.027	51058.582	33.554	34719.836	24.134	1.025
8/14/2017 13:45	402300	18.738	15.132	42.21	41439.813	51064.531	33.558	34723.883	24.131	1.025
8/14/2017 14:00	403200	18.737	15.132	42.208	41434.953	51058.652	33.554	34719.883	24.134	1.025
8/14/2017 14:15	404100	18.738	15.132	42.21	41457.922	51086.207	33.574	34738.625	24.121	1.025
8/14/2017 14:30	405000	18.739	15.132	42.212	41439.395	51064.125	33.558	34723.605	24.132	1.025
8/14/2017 14:45	405900	18.741	15.132	42.216	41414.43	51032.508	33.535	34702.105	24.146	1.025
8/14/2017 15:00	406800	18.744	15.132	42.222	41417.902	51037.742	33.539	34705.664	24.144	1.025
8/14/2017 15:15	407700	18.741	15.132	42.216	41406.359	51023	33.528	34695.641	24.151	1.025
8/14/2017 15:30	408600	18.746	15.133	42.228	41424.762	51044.922	33.544	34710.547	24.14	1.025
8/14/2017 15:45	409500	18.747	15.132	42.229	41460.52	51089.406	33.576	34740.801	24.119	1.025
8/14/2017 16:00	410400	18.75	15.132	42.237	41437.594	51061.156	33.556	34721.59	24.133	1.025
8/14/2017 16:15	411300	18.758	15.133	42.254	41444.961	51070.023	33.562	34727.621	24.128	1.025
8/14/2017 16:30	412200	18.758	15.132	42.253	41438.488	51062.59	33.557	34722.566	24.132	1.025
8/14/2017 16:45	413100	18.762	15.132	42.263	41429.125	51050.723	33.548	34714.492	24.138	1.025
8/14/2017 17:00	414000	18.761	15.132	42.261	41439.727	51063.883	33.558	34723.441	24.131	1.025
8/14/2017 17:15	414900	18.763	15.132	42.266	41450.008	51076.551	33.567	34732.055	24.125	1.025
8/14/2017 17:30	415800	18.77	15.132	42.282	41428.457	51050.539	33.548	34714.371	24.138	1.025
8/14/2017 17:45	416700	18.77	15.131	42.281	41439.961	51065.445	33.559	34724.508	24.131	1.025
8/14/2017 18:00	417600	18.777	15.132	42.297	41437.945	51062.441	33.557	34722.461	24.132	1.025
8/14/2017 18:15	418500	18.777	15.131	42.297	41445.809	51073.508	33.565	34729.984	24.128	1.025
8/14/2017 18:30	419400	18.782	15.132	42.309	41398.699	51014.082	33.521	34689.574	24.155	1.025
8/14/2017 18:45	420300	18.783	15.131	42.312	41404.148	51021.316	33.526	34694.496	24.152	1.025
8/14/2017 19:00	421200	18.788	15.132	42.321	41443.656	51069.055	33.562	34726.961	24.129	1.025
8/14/2017 19:15	422100	18.788	15.131	42.321	41440.988	51067.566	33.56	34725.949	24.131	1.025
8/14/2017 19:30	423000	18.794	15.132	42.336	41434.633	51060.277	33.555	34720.988	24.134	1.025
8/14/2017 19:45	423900	18.794	15.129	42.336	41451.527	51081.84	33.571	34735.652	24.125	1.025
8/14/2017 20:00	424800	18.793	15.13	42.334	41427.59	51051.801	33.549	34715.23	24.139	1.025
8/14/2017 20:15	425700	18.796	15.13	42.341	41425.039	51048.227	33.546	34712.797	24.14	1.025
8/14/2017 20:30	426600	18.799	15.13	42.346	41435.844	51061.438	33.556	34721.777	24.134	1.025
8/14/2017 20:45	427500	18.802	15.13	42.353	41432.969	51058.328	33.553	34719.664	24.135	1.025
8/14/2017 21:00	428400	18.803	15.13	42.356	41433.23	51058.438	33.554	34719.742	24.135	1.025
8/14/2017 21:15	429300	18.809	15.129	42.368	41433.188	51060.199	33.555	34720.941	24.135	1.025
8/14/2017 21:30	430200	18.809	15.129	42.369	41443.895	51073.063	33.564	34729.688	24.129	1.025
8/14/2017 21:45	431100	18.809	15.129	42.369	41444.059	51073.594	33.565	34730.047	24.129	1.025
8/14/2017 22:00	432000	18.812	15.129	42.377	41421.48	51044.914	33.544	34710.543	24.142	1.025
8/14/2017 22:15	432900	18.816	15.129	42.385	41438.723	51066.16	33.559	34724.992	24.132	1.025
8/14/2017 22:30	433800	18.818	15.129	42.389	41396.914	51014.859	33.522	34690.105	24.156	1.025
8/14/2017 22:45	434700	18.818	15.129	42.389	41426.105	51050.715	33.548	34714.488	24.139	1.025
8/14/2017 23:00	435600	18.821	15.129	42.396	41432.707	51059.711	33.554	34720.609	24.136	1.025
8/14/2017 23:15	436500	18.821	15.128	42.396	41410.852	51033.086	33.535	34702.504	24.148	1.025
8/14/2017 23:30	437400	18.818	15.127	42.389	41417.355	51042.277	33.541	34708.75	24.144	1.025
8/14/2017 23:45	438300	18.818	15.128	42.39	41425.977	51052.047	33.549	34715.395	24.139	1.025
8/15/2017 0:00	439200	18.821	15.128	42.397	41442.914	51072.719	33.564	34729.449	24.13	1.025
8/15/2017 0:15	440100	18.828	15.129	42.412	41408.063	51029.34	33.532	34699.953	24.15	1.025
8/15/2017 0:30	441000	18.818	15.127	42.39	41436.105	51066.234	33.559	34725.039	24.134	1.025
8/15/2017 0:45	441900	18.821	15.129	42.396	41439.863	51068.629	33.561			

8/15/2017 23:30	523800	18.876	15.122	42.521	41431.266	51066.105	33.559	34724.957	24.136	1.025
8/15/2017 23:45	524700	18.88	15.121	42.529	41428.68	51064.891	33.558	34724.125	24.137	1.025
8/16/2017 0:00	525600	18.877	15.12	42.522	41415.906	51048.777	33.546	34713.168	24.145	1.025
8/16/2017 0:15	526500	18.882	15.12	42.534	41450.461	51092	33.577	34742.563	24.125	1.025
8/16/2017 0:30	527400	18.881	15.121	42.53	41413.48	51045.156	33.543	34710.707	24.147	1.025
8/16/2017 0:45	528300	18.877	15.121	42.523	41422.68	51056.695	33.552	34718.555	24.141	1.025
8/16/2017 1:00	529200	18.88	15.121	42.529	41411.246	51042.832	33.541	34709.125	24.148	1.025
8/16/2017 1:15	530100	18.881	15.12	42.531	41434.895	51072.813	33.563	34729.516	24.134	1.025
8/16/2017 1:30	531000	18.878	15.119	42.525	41440.496	51080.272	33.569	34734.855	24.131	1.025
8/16/2017 1:45	531900	18.879	15.121	42.527	41398.684	51027.117	33.53	34698.445	24.155	1.025
8/16/2017 2:00	532800	18.879	15.12	42.527	41430.25	51066.566	33.559	34725.266	24.137	1.025
8/16/2017 2:15	533700	18.874	15.12	42.516	41408.191	51039.379	33.539	34706.781	24.15	1.025
8/16/2017 2:30	534600	18.873	15.12	42.513	41438.043	51076.914	33.566	34732.305	24.132	1.025
8/16/2017 2:45	535500	18.873	15.12	42.513	41394.969	51023.504	33.527	34695.988	24.158	1.025
8/16/2017 3:00	536400	18.87	15.119	42.506	41407.461	51039.855	33.539	34707.105	24.15	1.025
8/16/2017 3:15	537300	18.866	15.119	42.497	41448.531	51090.574	33.576	34741.594	24.126	1.025
8/16/2017 3:30	538200	18.864	15.119	42.493	41430.617	51068.824	33.56	34726.805	24.137	1.025
8/16/2017 3:45	539100	18.862	15.12	42.489	41420.676	51054.969	33.55	34717.379	24.143	1.025
8/16/2017 4:00	540000	18.864	15.121	42.493	41432.945	51069.578	33.561	34727.313	24.135	1.025
8/16/2017 4:15	540900	18.862	15.119	42.488	41451.074	51094.355	33.579	34744.164	24.125	1.025
8/16/2017 4:30	541800	18.856	15.12	42.476	41415.988	51049.934	33.546	34713.957	24.145	1.025
8/16/2017 4:45	542700	18.854	15.12	42.471	41440.582	51080.047	33.569	34734.438	24.131	1.025
8/16/2017 5:00	543600	18.85	15.12	42.46	41413.809	51046.727	33.544	34711.777	24.147	1.025
8/16/2017 5:15	544500	18.849	15.119	42.46	41450.355	51092.727	33.578	34743.059	24.125	1.025
8/16/2017 5:30	545400	18.85	15.119	42.461	41379.5	51005.074	33.514	34683.453	24.167	1.025
8/16/2017 5:45	546300	18.849	15.12	42.46	41408.203	51039.914	33.539	34707.141	24.15	1.025
8/16/2017 6:00	547200	18.843	15.12	42.446	41434.574	51072.418	33.563	34729.25	24.134	1.025
8/16/2017 6:15	548100	18.843	15.119	42.446	41443.457	51084.223	33.572	34737.273	24.129	1.025
8/16/2017 6:30	549000	18.842	15.12	42.443	41411.867	51044.227	33.542	34710.074	24.148	1.025
8/16/2017 6:45	549900	18.839	15.12	42.436	41403.637	51033.656	33.535	34702.887	24.152	1.025
8/16/2017 7:00	550800	18.841	15.12	42.44	41445.879	51086.465	33.573	34738.801	24.128	1.025
8/16/2017 7:15	551700	18.838	15.12	42.434	41419.578	51053.836	33.549	34716.609	24.143	1.025
8/16/2017 7:30	552600	18.839	15.12	42.437	41437.371	51075.98	33.566	34731.672	24.133	1.025
8/16/2017 7:45	553500	18.837	15.12	42.432	41460.527	51104.09	33.586	34750.781	24.119	1.025
8/16/2017 8:00	554400	18.835	15.119	42.428	41403.598	51035.188	33.536	34703.93	24.152	1.025
8/16/2017 8:15	555300	18.837	15.12	42.431	41416.836	51050.352	33.547	34714.242	24.145	1.025
8/16/2017 8:30	556200	18.837	15.12	42.431	41403.383	51033.449	33.534	34702.746	24.153	1.025
8/16/2017 8:45	557100	18.839	15.12	42.437	41446.621	51086.949	33.574	34739.129	24.127	1.025
8/16/2017 9:00	558000	18.841	15.119	42.442	41412.934	51046.918	33.544	34711.906	24.147	1.025
8/16/2017 9:15	558900	18.838	15.119	42.435	41401.418	51032.406	33.534	34702.039	24.154	1.025
8/16/2017 9:30	559800	18.832	15.12	42.421	41430.902	51067.691	33.56	34726.031	24.137	1.025
8/16/2017 9:45	560700	18.839	15.121	42.437	41440.105	51078.504	33.568	34733.383	24.131	1.025
8/16/2017 10:00	561600	18.837	15.12	42.432	41419.047	51052.867	33.549	34715.949	24.143	1.025
8/16/2017 10:15	562500	18.838	15.119	42.434	41445.18	51087.199	33.574	34739.301	24.128	1.025
8/16/2017 10:30	563400	18.838	15.119	42.434	41392.402	51021.293	33.525	34694.48	24.159	1.025
8/16/2017 10:45	564300	18.837	15.12	42.433	41456.359	51099.27	33.583	34747.504	24.122	1.025
8/16/2017 11:00	565200	18.833	15.12	42.423	41416.625	51050.195	33.547	34714.133	24.145	1.025
8/16/2017 11:15	566100	18.834	15.121	42.426	41442.051	51080.371	33.569	34734.652	24.13	1.025
8/16/2017 11:30	567000	18.834	15.119	42.426	41405.613	51037.367	33.537	34705.41	24.151	1.025
8/16/2017 11:45	567900	18.834	15.119	42.426	41431.07	51069.156	33.561	34727.027	24.136	1.025
8/16/2017 12:00	568800	18.828	15.118	42.413	41451.414	51094.984	33.579	34744.59	24.125	1.025
8/16/2017 12:15	569700	18.83	15.12	42.417	41427.711	51064.07	33.557	34723.566	24.138	1.025
8/16/2017 12:30	570600	18.824	15.118	42.402	41397.063	51027.988	33.53	34699.031	24.156	1.025
8/16/2017 12:45	571500	18.826	15.12	42.407	41433.18	51071.125	33.562	34728.371	24.135	1.025
8/16/2017 13:00	572400	18.823	15.12	42.401	41413.832	51046.332	33.544	34711.508	24.147	1.025
8/16/2017 13:15	573300	18.821	15.12	42.396	41429.695	51065.883	33.558	34724.805	24.137	1.025
8/16/2017 13:30	574200	18.823	15.12	42.401	41397.949	51027.273	33.53	34698.547	24.156	1.025
8/16/2017 13:45	575100	18.824	15.12	42.402	41404.691	51035.805	33.536	34704.348	24.152	1.025
8/16/2017 14:00	576000	18.823	15.119	42.401	41379.297	51005.234	33.514	34683.559	24.167	1.025
8/16/2017 14:15	576900	18.821	15.12	42.396	41426.801	51063.16	33.556	34722.949	24.139	1.025
8/16/2017 14:30	577800	18.823	15.119	42.401	41395.754	51025.215	33.528	34697.148	24.157	1.025
8/16/2017 14:45	578700	18.822	15.119	42.399	41417.992	51053.465	33.549	34716.359	24.144	1.025
8/16/2017 15:00	579600	18.821	15.118	42.396	41429.395	51068.164	33.56	34726.352	24.137	1.025
8/16/2017 15:15	580500	18.82	15.119	42.393	41400.441	51030.887	33.532	34701.004	24.154	1.025
8/16/2017 15:30	581400	18.821	15.118	42.396	41411.938	51046.324	33.544	34711.504	24.148	1.025
8/16/2017 15:45	582300	18.822	15.121	42.399	41409.773	51040.898	33.54	34707.813	24.149	1.025
8/16/2017 16:00	583200	18.823	15.119	42.401	41439.887	51079.711	33.568	34734.203	24.131	1.025
8/16/2017 16:15	584100	18.825	15.119	42.406	41419.84	51054.797	33.55	34717.262	24.143	1.025
8/16/2017 16:30	585000	18.828	15.12	42.413	41427.828	51063.691	33.557	34723.309	24.138	1.025
8/16/2017 16:45	585900	18.831	15.12	42.419	41423.926	51058.973	33.553	34720.105	24.141	1.025
8/16/2017 17:00	586800	18.831	15.119	42.419	41423.891	51060.426	33.554	34721.094	24.141	1.025
8/16/2017 17:15	587700	18.835	15.12	42.428	41413.148	51045.488	33.543	34710.934	24.147	1.025
8/16/2017 17:30	588600	18.841	15.118	42.441	41387.543	51016.473	33.522	34691.203	24.162	1.025
8/16/2017 17:45	589500	18.843	15.118	42.446	41417.32	51053.281	33.549	34716.23	24.144	1.025
8/16/2017 18:00	590400	18.85	15.119	42.46	41414.406	51048.617	33.545	34713.059	24.146	1.025
8/16/2017 18:15	591300	18.852	15.119	42.466	41404.758	51036.313	33.536	34704.691	24.152	1.025
8/16/2017 18:30	592200	18.857	15.118	42.478	41411.105	51045.719	33.543	34711.09	24.148	1.025
8/16/2017 18:45	593100	18.86	15.12	42.483	41396.582	51025.492	33.529	34697.34	24.157	1.025
8/16/2017 19:00	594000	18.862	15.118	42.488	41390.297	51020.398	33.525	34693.875	24.16	1.025
8/16/2017 19:15	594900	18.864	15.118	42.492	41425.184	51062.973	33.556	34722.82	24.14	1.025
8/16/2017 19:30	595800	18.873	15.118	42.513	41440.02	51081.691	33.57	34735.555	24.131	1.025
8/16/2017 19:45	596700	18.879	15.118	42.527	41410.906	51045.707	33.543	34711.082	24.148	1.025
8/16/2017 20:00	597600	18.88	15.119	42.529	41438.5	51078.855	33.568	34733.625	24.132	1.025
8/16/2017 20:15	598500	18.887	15.118	42.545	41401.309	51034.293	33.535	34703.324	24.154	1.025
8/16/2017 20:30	599400	18.891	15.118	42.555	41404.348	51037.188	33.537	34705.293	24.152	1.025
8/16/2017 20:45	600300	18.891	15.116	42.555	41434.449	51077.055	33.566	34732.398	24.135	1.025
8/16/2017 21:00	601200	18.901	15.118	42.576	41407.133	51041.367	33.54	34708.129	24.15	1.025
8/16/2017 21:15	602100	18.895	15.115	42.563	41406.625	51043.496	33.541	34709.578	24.151	1.025
8										

Report Date: 8/18/2017 9:03
Report User Name: WMassoll
Report Computer Name: WKST52
Application: WinSitu.exe
Application Version: 5.6.27.1

Log File Properties

File Name	MPWSP MW-3D LT Test_2017-08-17_07-38-43-961-BaroMerge.ws
Create Date	8/18/2017 9:00

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

Log Configuration	Log Name	MPWSP MW-3D LT Test
	Created By	KMakar
	Computer Name	PCBOOK10
	Application	WinRun.exe
	Application Version	5.6.25.0
	Create Date	3/9/2016 6:36:33 PM Pacific St
	Log Setup Time Zone	Pacific Standard Time
	Notes Size(bytes)	4096
	Overwrite when full	Enabled
	Scheduled Start Time	3/10/16 9:00:00 AM Pacific St
	Scheduled Stop Time	No Stop Time
	Type	Linear
	Interval	Days: 0 hrs: 00 mins: 15 secs: 00

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

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

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

TDS Factor: 0.68

Date: Note

3/9/2016 18:36 Used Battery: 0% Used Memory: 3% User Name: KMaKar
3/9/2016 18:37 Sensor SN: 446752 Cache Timeout: 1000 User Name: KMaKar
3/9/2016 18:37 Device Action Failed
3/9/2016 18:39 Device Put Online
3/9/2016 18:39 Sensor SN: 446752 Cache Timeout: 1750 User Name: KMaKar
3/9/2016 17:02 Log Download - Used Battery: 0% Used Memory: 3% User Name: Skuiper Interval - Start Time: 3/17/2016 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: KMaKar Interval - Start Time: 3/15/2016 12:00:00 PM Stop Time: 3/24/2016 11:55:00 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
3/31/2016 13:07 Log Download - Used Battery: 1% Used Memory: 4% User Name: Skuiper Interval - Start Time: 3/24/2016 12:00:00 PM Stop Time: 3/31/2016 9:30:00 AM
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: KMaKar 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
5/12/2016 14:33 Log Download - Used Battery: 4% Used Memory: 10% User Name: Elinden Interval - Start Time: 5/3/2016 12:00:00 PM Stop Time: 5/12/2016 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: 4/31/2016 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: 5/3/2016 5:00:00 PM 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 AM 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 7:35:00 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 9:13 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
8/18/2016 9:11 Log Download - Used Battery: 8% Used Memory: 20% User Name: Elinden Interval - Start Time: 8/3/2016 12:00:00 PM Stop Time: 8/18/2016 1:50:45 PM
8/25/2016 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: 8/25/2016 8:35:00 PM
8/31/2016 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: 8/31/2016 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
9/12/2016 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: 9/12/2016 11:00:00 AM
9/19/2016 10:00 Log Download - Used Battery: 9% Used Memory: 25% User Name: Skuiper Interval - Start Time: 9/1/2016 12:00:00 PM Stop Time: 10/20/2016 8:00:00 AM
9/28/2016 15:10 Log Download - Used Battery: 10% Used Memory: 25% User Name: Anorris Interval - Start Time: 9/14/2016 10:00:00 PM Stop Time: 9/28/2016 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 8:50:00 PM
10/13/2016 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
9/19/2016 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
11/1/2016 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 11:55:00 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 PM
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 15:53 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
12/1/2016 10:08 Log Download - Used Battery: 14% Used Memory: 34% User Name: Skuiper Interval - Start Time: 11/24/2016 10:00:00 PM Stop Time: 12/1/2016 8:45:00 AM
12/7/2016 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: 12/7/2016 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 11:55:00 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

Log Data:
Record Count 711

Sensors	2	
	1	446752

Time Zone: Pacific Daylight Time

Elapsed Time	Corrected
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Date and Time	Seconds	Pressure (PSI)	
8/10/2017 0:00		7200	122.447
8/10/2017 0:15		8100	122.447

8/10/2017 0:30	9000	122.445
8/10/2017 0:45	9900	122.453

8/10/2017 1:15	11700	122.435
8/10/2017 1:30	12600	122.428

8/10/2017 1:45	15300	122.408
8/10/2017 2:00	14400	122.387
8/10/2017 2:15	15300	122.358

8/10/2017 2:30	16200	122.324
8/10/2017 2:45	17100	122.265
8/10/2017 3:00	18000	122.264

8/10/2017 3:15	18900	122.218
8/10/2017 3:30	19800	122.187
8/10/2017 3:45	20700	122.156

8/10/2017 4:00	21600	122.11
8/10/2017 4:15	22500	122.05

8/10/2017 4:45	24300	121.98
8/10/2017 5:00	25200	121.93

8/10/2017 5:13	20100	121.905
8/10/2017 5:30	27000	121.863
8/10/2017 5:45	27900	121.833

8/10/2017 6:00	28800	121.805
8/10/2017 6:15	29700	121.765
8/10/2017 6:30	30600	121.744

8/10/2017 6:45	31500	121.72
8/10/2017 7:00	32400	121.71

8/10/2017 7:30	34200	121.69
8/10/2017 7:45	35100	121.70

8/10/2017 8:00	36000	121.71
8/10/2017 8:15	36900	121.71
8/10/2017 8:30	37800	121.71

8/10/2017 8:45	38700	121.74
8/10/2017 9:00	39600	121.75
8/10/2017 9:15	40500	121.75

8/10/2017 9:30	41400	121.81
8/10/2017 9:45	42300	121.83
8/10/2017 10:00	43200	121.85

8/10/2017 10:15	44100	121.908
8/10/2017 10:30	45000	121.935

8/10/2017 11:00	46800	122.007
8/10/2017 11:15	47700	122.054

8/10/2017 11:30	40000	122.00
8/10/2017 11:45	49500	122.11
8/10/2017 12:00	50400	122.14

8/10/2017 12:15	51300	122.197
8/10/2017 12:30	52200	122.197
8/10/2017 12:45	53100	122.212

8/10/2017 13:00	54000	122.227
8/10/2017 13:15	54900	122.257

8/10/2017 13:45	56700	122.261
8/10/2017 14:00	57600	122.271

8/10/2017 14:30	59400	122.265
8/10/2017 14:45	60300	122.251

8/10/2017 15:00	61200	122.23
8/10/2017 15:15	62100	122.23
8/10/2017 15:30	63000	122.23

8/10/2017 15:45	63900	122.218
8/10/2017 16:00	64800	122.183
8/10/2017 16:15	65700	122.148

8/10/2017 16:30	66600	122.147
8/10/2017 16:45	67500	122.128

8/10/2017 17:00	68400	122.097	19.634	275.036	41694.91	46456.418	30.456	31.59	23.984	1.021	14.713
8/10/2017 17:15	69300	122.077	19.629	274.991	41693.59	46459.848	30.459	31.593	23.985	1.021	14.715
8/10/2017 17:30	70200	122.068	19.628	274.971	41716.84	46486.539	30.478	31.611	23.971	1.021	14.709
8/10/2017 17:45	71100	122.044	19.633	274.917	41680.301	46440.914	30.445	31.58	23.992	1.021	14.707
8/10/2017 18:00	72000	122.024	19.635	274.871	41676.211	46434.641	30.441	31.576	23.995	1.021	14.712
8/10/2017 18:15	72900	122.008	19.639	274.835	41675.785	46429.938	30.437	31.572	23.995	1.021	14.706
8/10/2017 18:30	73800	121.982	19.644	274.817	41688.809	46455.082	30.456	31.589	23.982	1.021	14.702
8/10/2017 18:45	74700	121.982	19.635	274.775	41702.488	46463.305	30.462	31.595	23.979	1.021	14.713
8/10/2017 19:00	75600	121.986	19.633	274.786	41673.488	46433.5	30.444	31.575	23.996	1.021	14.707
8/10/2017 19:15	76500	121.982	19.63	274.775	41689.34	46453.566	30.454	31.588	23.987	1.021	14.708
8/10/2017 19:30	77400	121.973	19.635	274.756	41710.969	46473.363	30.469	31.602	23.975	1.021	14.705
8/10/2017 19:45	78300	121.978	19.644	274.768	41713.387	46466.578	30.464	31.597	23.973	1.021	14.705
8/10/2017 20:00	79200	121.969	19.637	274.779	41663.648	46409.355	30.423	31.558	24.002	1.021	14.704
8/10/2017 20:15	80100	121.996	19.637	274.808	41672.254	46427.809	30.436	31.571	23.997	1.021	14.706
8/10/2017 20:30	81000	122.01	19.633	274.838	41676.277	46436.43	30.442	31.577	23.994	1.021	14.7
8/10/2017 20:45	81900	122.024	19.637	274.872	41694.934	46453.168	30.454	31.588	23.984	1.021	14.7
8/10/2017 21:00	82800	122.039	19.646	274.904	41693.723	46443.375	30.447	31.581	23.984	1.021	14.702
8/10/2017 21:15	83700	122.062	19.638	274.957	41699.215	46456.824	30.457	31.591	23.981	1.021	14.701
8/10/2017 21:30	84600	122.086	19.634	275.012	41653.395	46409.813	30.422	31.559	24.008	1.021	14.708
8/10/2017 21:45	85500	122.102	19.646	275.046	41680.855	46428.793	30.437	31.572	23.992	1.021	14.709
8/10/2017 22:00	86400	122.142	19.636	275.137	41662.867	46418.395	30.429	31.565	24.002	1.021	14.698
8/10/2017 22:15	87300	122.159	19.634	275.174	41669.609	46428.227	30.436	31.571	23.998	1.021	14.705
8/10/2017 22:30	88200	122.177	19.642	275.215	41671.262	46422.152	30.432	31.567	23.997	1.021	14.71
8/10/2017 22:45	89100	122.212	19.637	275.294	41657.348	46411.723	30.424	31.56	24.005	1.021	14.706
8/10/2017 23:00	90000	122.235	19.638	275.347	41655.93	46409.027	30.422	31.558	24.006	1.021	14.714
8/10/2017 23:15	90900	122.269	19.64	275.423	41672.992	46426.227	30.435	31.57	23.996	1.021	14.705
8/10/2017 23:30	91800	122.254	19.633	275.39	41677.598	46437.645	30.443	31.578	23.994	1.021	14.71
8/10/2017 23:45	92700	122.313	19.634	275.521	41646.734	46402.473	30.417	31.554	24.011	1.021	14.701
8/11/2017 0:00	93600	122.324	19.645	275.547	41666.961	46414.176	30.426	31.562	24	1.021	14.706
8/11/2017 0:15	94500	122.343	19.642	275.59	41674.145	46425.184	30.434	31.569	23.996	1.021	14.706
8/11/2017 0:30	95400	122.348	19.644	275.601	41671.27	46424.402	30.433	31.569	23.997	1.021	14.71
8/11/2017 0:45	96300	122.365	19.644	275.64	41653.328	46399.855	30.416	31.552	24.008	1.021	14.707
8/11/2017 1:00	97200	122.372	19.635	275.655	41648.816	46403.594	30.418	31.554	24.01	1.021	14.706
8/11/2017 1:15	98100	122.375	19.637	275.662	41638.988	46390.746	30.409	31.546	24.016	1.021	14.709
8/11/2017 1:30	99000	122.378	19.637	275.667	41646.582	46399.301	30.415	31.552	24.012	1.021	14.702
8/11/2017 1:45	99900	122.375	19.638	275.662	41656.199	46409.582	30.422	31.559	24.006	1.021	14.704
8/11/2017 2:00	100800	122.33	19.636	275.65	41635.543	46387.77	30.406	31.544	24.018	1.021	14.7
8/11/2017 2:15	101700	122.346	19.632	275.597	41662.512	46422.293	30.431	31.567	24.002	1.021	14.706
8/11/2017 2:30	102600	122.336	19.635	275.573	41639.055	46392.539	30.41	31.547	24.016	1.021	14.71
8/11/2017 2:45	103500	122.319	19.638	275.535	41659.301	46412.52	30.425	31.561	24.004	1.021	14.702
8/11/2017 3:00	104400	122.299	19.637	275.49	41641.137	46393.066	30.41	31.547	24.015	1.021	14.7
8/11/2017 3:15	105300	122.261	19.635	275.405	41639.422	46393.559	30.411	31.548	24.016	1.021	14.707
8/11/2017 3:30	106200	122.235	19.639	275.346	41667.168	46401.546	30.413	31.566	24	1.021	14.716
8/11/2017 3:45	107100	122.207	19.638	275.283	41684.758	46440.883	30.445	31.58	23.99	1.021	14.704
8/11/2017 4:00	108000	122.169	19.638	275.198	41667.32	46421.117	30.431	31.566	24	1.021	14.702
8/11/2017 4:15	108900	122.136	19.64	275.123	41677.664	46431.523	30.439	31.573	23.994	1.021	14.701
8/11/2017 4:30	109800	122.089	19.648	275.018	41680.598	46426.434	30.435	31.57	23.992	1.021	14.71
8/11/2017 4:45	110700	122.059	19.639	274.949	41684.246	46439.453	30.444	31.579	23.99	1.021	14.707
8/11/2017 5:00	111600	122.041	19.643	274.871	41661.355	46410.257	30.423	31.559	24.003	1.021	14.702
8/11/2017 5:15	112500	122.089	19.646	274.791	41667.742	46413.832	30.426	31.561	23.999	1.021	14.699
8/11/2017 5:30	113400	121.944	19.641	274.691	41651.664	46401.254	30.416	31.553	24.009	1.021	14.709
8/11/2017 5:45	114300	121.909	19.645	274.612	41648.441	46393.891	30.411	31.548	24.011	1.021	14.704
8/11/2017 6:00	115200	121.887	19.64	274.563	41692.434	46447.805	30.45	31.585	23.985	1.021	14.702
8/11/2017 6:15	116100	121.86	19.636	274.502	41659.91	46415.527	30.427	31.563	24.004	1.021	14.703
8/11/2017 6:30	117000	121.825	19.639	274.424	41680.035	46444.359	30.448	31.582	23.987	1.021	14.705
8/11/2017 6:45	117900	121.805	19.637	274.373	41691.707	46449.216	30.451	31.586	23.986	1.021	14.704
8/11/2017 7:00	118800	121.776	19.645	274.313	41722.027	46475.516	30.471	31.603	23.968	1.021	14.708
8/11/2017 7:15	119700	121.761	19.65	274.279	41702.461	46448.984	30.452	31.585	23.979	1.021	14.705
8/11/2017 7:30	120600	121.741	19.656	274.232	41696.211	46436.348	30.443	31.577	23.983	1.021	14.711
8/11/2017 7:45	121500	121.734	19.646	274.218	41709.93	46461.09	30.46	31.594	23.975	1.021	14.712
8/11/2017 8:00	122400	121.735	19.642	274.219	41717.746	46473.59	30.469	31.602	23.971	1.021	14.708
8/11/2017 8:15	123300	121.71	19.639	274.211	41707.707	46465.5	30.463	31.597	23.976	1.021	14.716
8/11/2017 8:30	124200	121.733	19.634	274.215	41674.32	46432.953	30.439	31.574	23.996	1.021	14.718
8/11/2017 8:45	125100	121.746	19.636	274.246	41688.18	46446.934	30.45	31.584	23.988	1.021	14.709
8/11/2017 9:00	126000	121.753	19.643	274.261	41701.531	46454.492	30.455	31.589	23.98	1.021	14.713
8/11/2017 9:15	126900	121.771	19.648	274.302	41696.172	46443.441	30.448	31.582	23.983	1.021	14.713
8/11/2017 9:30	127800	121.786	19.644	274.336	41684.301	46434.359	30.441	31.575	23.99	1.021	14.718
8/11/2017 9:45	128700	121.836	19.636	274.396	41681.914	46449.216	30.445	31.579	23.991	1.021	14.719
8/11/2017 10:00	129600	121.839	19.64	274.454	41709.207	46465.805	30.464	31.597	23.976	1.021	14.712
8/11/2017 10:15	130500	121.871	19.638	274.526	41720.359	46480.465	30.474	31.607	23.969	1.021	14.714
8/11/2017 10:30	131400	121.898	19.646	274.587	41703.73	46454.613	30.456	31.589	23.979	1.021	14.721
8/11/2017 10:45	132300	121.927	19.643	274.652	41702.387	46455.273	30.456	31.59	23.979	1.021	14.718
8/11/2017 11:00	133200	121.961	19.637	274.728	41720.863	46482.305	30.476	31.608	23.969	1.021	14.718
8/11/2017 11:15	134100	122	19.637	274.818	41700.887	46469.418	30.459	31.593	23.98	1.021	14.717
8/11/2017 11:30	135000	122.031	19.64	274.886	41682.301	46436.246	30.442	31.577	23.991	1.021	14.72
8/11/2017 11:45	135900	122.071	19.638	274.978	41697.613	46455.559	30.456	31.59	23.982	1.021	14.712
8/11/2017 12:00	136800	122.102	19.635	275.047	41671.734	46429.305	30.437	31.572	23.997	1.021	14.716
8/11/2017 12:15	137700	122.127	19.638	275.104	41683.512	46440.012	30.445	31.579	23.99	1.021	14.719
8/11/2017 12:30	138600	122.167	19.641	275.192	41657.324	46407.313	30.421	31.557	24.005	1.021	14.71
8/11/2017 12:45	139500	122.184	19.648	275.232	41703.266	46452.113	30.454	31.587	23.979	1.021	14.716
8/11/2017 13:00	140400	122.21	19.642	275.29	41696.746	46450.801	30.453	31.587	23.983	1.021	14.715
8/11/2017 13:15	141300	122.24	19.635	275.357	41681.168	46439.551	30.444	31.579	23.992	1.021	14.71
8/11/2017 13:30	142200	122.264	19.635	275.							

8/12/2017 21:45	258300	121.947	19.638	274.697	41699.887	46457.816	30.458	31.591	23.981	1.021	14.694
8/12/2017 22:00	259200	121.948	19.637	274.699	41683.906	46441.484	30.446	31.58	23.99	1.021	14.696
8/12/2017 22:15	260100	121.951	19.635	274.706	41679.801	46438.375	30.443	31.578	23.992	1.021	14.7
8/12/2017 22:30	261000	121.963	19.635	274.735	41685.809	46445.242	30.448	31.583	23.989	1.021	14.695
8/12/2017 22:45	261900	121.983	19.638	274.779	41719.078	46479.035	30.473	31.606	23.97	1.021	14.693
8/12/2017 23:00	262800	121.959	19.635	274.725	41686.084	46465.09	30.448	31.583	23.989	1.021	14.7
8/12/2017 23:15	263700	121.964	19.638	274.698	41698.809	46460.41	30.459	31.593	23.982	1.021	14.698
8/12/2017 23:30	264600	122.022	19.632	274.866	41704.266	46468.477	30.465	31.599	23.978	1.021	14.7
8/12/2017 23:45	265500	122.039	19.637	274.904	41682.68	46439.691	30.444	31.579	23.991	1.021	14.701
8/13/2017 0:00	266400	122.06	19.633	274.952	41680.598	46440.809	30.445	31.58	23.992	1.021	14.701
8/13/2017 0:15	267300	122.079	19.637	274.995	41698.383	46456.848	30.457	31.591	23.982	1.021	14.701
8/13/2017 0:30	268200	122.098	19.639	275.039	41707.855	46465.84	30.464	31.597	23.976	1.021	14.702
8/13/2017 0:45	269100	122.124	19.641	275.096	41700	46455.399	30.456	31.59	23.982	1.021	14.699
8/13/2017 1:00	270000	122.14	19.644	275.131	41699.316	46451.168	30.453	31.587	23.981	1.021	14.696
8/13/2017 1:15	270900	122.158	19.632	275.172	41657.629	46416.684	30.427	31.563	24.005	1.021	14.7
8/13/2017 1:30	271800	122.177	19.631	275.215	41673.047	46434.734	30.44	31.576	23.996	1.021	14.696
8/13/2017 1:45	272700	122.196	19.635	275.259	41672.977	46430.691	30.438	31.573	23.996	1.021	14.695
8/13/2017 2:00	273600	122.204	19.631	275.275	41679.73	46442.777	30.446	31.581	23.992	1.021	14.694
8/13/2017 2:15	274500	122.229	19.633	275.239	41679.289	46439.961	30.444	31.579	23.993	1.021	14.693
8/13/2017 2:30	275400	122.219	19.647	275.311	41671.32	46417.047	30.428	31.564	23.997	1.021	14.695
8/13/2017 2:45	276300	122.237	19.637	275.351	41664.141	46418.516	30.429	31.565	24.001	1.021	14.695
8/13/2017 3:00	277200	122.245	19.638	275.369	41681.59	46437.094	30.443	31.577	23.991	1.021	14.692
8/13/2017 3:15	278100	122.241	19.639	275.359	41675.695	46430.008	30.437	31.572	23.995	1.021	14.694
8/13/2017 3:30	279000	122.237	19.638	275.35	41670.465	46424.793	30.434	31.569	23.998	1.021	14.692
8/13/2017 3:45	279900	122.233	19.641	275.342	41680.582	46433.652	30.44	31.575	23.992	1.021	14.694
8/13/2017 4:00	280800	122.231	19.638	275.338	41676.352	46431.598	30.439	31.573	23.994	1.021	14.691
8/13/2017 4:15	281700	122.215	19.637	275.301	41665.793	46420.785	30.431	31.566	24.001	1.021	14.692
8/13/2017 4:30	282600	122.209	19.634	275.288	41667.238	46425.676	30.434	31.569	24	1.021	14.689
8/13/2017 4:45	283500	122.187	19.634	275.237	41689.719	46450.027	30.452	31.586	23.987	1.021	14.698
8/13/2017 5:00	284400	122.179	19.636	275.22	41691.355	46450.391	30.452	31.586	23.986	1.021	14.691
8/13/2017 5:15	285300	122.156	19.634	275.169	41682.52	46435.207	30.441	31.576	23.991	1.021	14.693
8/13/2017 5:30	286200	122.135	19.639	275.122	41661.422	46413.934	30.426	31.561	24.003	1.021	14.695
8/13/2017 5:45	287100	122.105	19.635	275.053	41687.91	46447.063	30.45	31.584	23.988	1.021	14.7
8/13/2017 6:00	288000	122.09	19.636	275.02	41691.98	46450.57	30.452	31.586	23.985	1.021	14.697
8/13/2017 6:15	288900	122.059	19.636	274.949	41674.691	46431.652	30.438	31.574	23.995	1.021	14.704
8/13/2017 6:30	289800	122.038	19.637	274.902	41674.625	46430.195	30.437	31.573	23.995	1.021	14.701
8/13/2017 6:45	290700	122.017	19.641	274.856	41673.469	46416.756	30.435	31.57	23.996	1.021	14.696
8/13/2017 7:00	291600	121.982	19.649	274.776	41702.102	46449.617	30.452	31.586	23.98	1.021	14.706
8/13/2017 7:15	292500	121.966	19.647	274.74	41705.605	46455.578	30.456	31.59	23.978	1.021	14.703
8/13/2017 7:30	293400	121.938	19.648	274.678	41684.965	46431.477	30.439	31.573	23.989	1.021	14.704
8/13/2017 7:45	294300	121.93	19.646	274.66	41651.016	46395.199	30.412	31.549	24.009	1.021	14.708
8/13/2017 8:00	295200	121.907	19.636	274.608	41689.461	46448.363	30.451	31.585	23.987	1.021	14.701
8/13/2017 8:15	296100	121.885	19.637	274.557	41688.84	46446.897	30.45	31.584	23.987	1.021	14.704
8/13/2017 8:30	297000	121.874	19.643	274.534	41676.406	46426.762	30.435	31.57	23.994	1.021	14.71
8/13/2017 8:45	297900	121.862	19.643	274.507	41673.898	46424.051	30.433	31.568	23.996	1.021	14.714
8/13/2017 9:00	298800	121.855	19.64	274.49	41696.594	46452.441	30.454	31.588	23.983	1.021	14.716
8/13/2017 9:15	299700	121.847	19.643	274.473	41679.008	46429.48	30.437	31.572	23.993	1.021	14.719
8/13/2017 9:30	300600	121.817	19.642	274.404	41694.145	46447.125	30.45	31.584	23.984	1.021	14.716
8/13/2017 9:45	301500	121.849	19.637	274.477	41700.242	46455.837	30.434	31.57	23.998	1.021	14.723
8/13/2017 10:00	302400	121.852	19.639	274.483	41684.113	46439.137	30.444	31.579	23.99	1.021	14.721
8/13/2017 10:15	303300	121.856	19.647	274.493	41709.523	46459.695	30.459	31.593	23.975	1.021	14.723
8/13/2017 10:30	304200	121.876	19.636	274.538	41681.094	46438.859	30.444	31.578	23.992	1.021	14.723
8/13/2017 10:45	305100	121.887	19.644	274.562	41690.547	46441.82	30.446	31.58	23.986	1.021	14.725
8/13/2017 11:00	306000	121.897	19.655	274.585	41699.23	46440.734	30.446	31.58	23.981	1.021	14.728
8/13/2017 11:15	306900	121.92	19.654	274.637	41679.402	46419.348	30.443	31.565	23.993	1.021	14.73
8/13/2017 11:30	307800	121.952	19.647	274.709	41701	46450.281	30.453	31.586	23.98	1.021	14.723
8/13/2017 11:45	308700	121.977	19.639	274.766	41697.531	46454.594	30.455	31.589	23.982	1.021	14.728
8/13/2017 12:00	309600	122.001	19.638	274.819	41675.129	46430.336	30.438	31.573	23.995	1.021	14.727
8/13/2017 12:15	310500	122.034	19.649	274.894	41712.461	46460.633	30.46	31.593	23.974	1.021	14.724
8/13/2017 12:30	311400	122.056	19.645	274.944	41692.535	46442.234	30.447	31.581	23.985	1.021	14.721
8/13/2017 12:45	312300	122.099	19.639	275.039	41678.496	46452.789	30.439	31.574	23.993	1.021	14.723
8/13/2017 13:00	313200	122.122	19.637	275.093	41692.422	46450.893	30.442	31.587	23.985	1.021	14.727
8/13/2017 13:15	314100	122.161	19.633	275.179	41698.742	46461.383	30.46	31.594	23.982	1.021	14.721
8/13/2017 13:30	315000	122.2	19.638	275.267	41683.742	46440.012	30.445	31.579	23.99	1.021	14.719
8/13/2017 13:45	315900	122.215	19.636	275.302	41669.895	46426.652	30.435	31.57	23.998	1.021	14.726
8/13/2017 14:00	316800	122.25	19.639	275.379	41664.941	46418.285	30.429	31.564	24.001	1.021	14.718
8/13/2017 14:15	317700	122.268	19.642	275.421	41683.297	46435.129	30.441	31.576	23.99	1.021	14.722
8/13/2017 14:30	318600	122.293	19.639	275.477	41678.634	46432.977	30.44	31.574	23.993	1.021	14.724
8/13/2017 14:45	319500	122.311	19.635	275.518	41710.297	46427.773	30.468	31.601	23.975	1.021	14.719
8/13/2017 15:00	320400	122.337	19.634	275.577	41673.914	46433.277	30.44	31.575	23.996	1.021	14.716
8/13/2017 15:15	321300	122.355	19.639	275.616	41700.23	46456.832	30.457	31.591	23.981	1.021	14.71
8/13/2017 15:30	322200	122.368	19.638	275.646	41701.406	46459.43	30.459	31.592	23.98	1.021	14.711
8/13/2017 15:45	323100	122.371	19.643	275.652	41681.926	46432.82	30.44	31.574	23.991	1.021	14.708
8/13/2017 16:00	324000	122.378	19.639	275.669	41684.965	46439.914	30.445	31.579	23.989	1.021	14.729
8/13/2017 16:15	324900	122.385	19.642	275.685	41672.758	46423.82	30.433	31.568	23.996	1.021	14.702
8/13/2017 16:30	325800	122.37	19.646	275.651	41706.574	46456.926	30.457	31.591	23.977	1.021	14.711
8/13/2017 16:45	326700	122.37	19.635	275.651	41689.75	46449.203	30.451	31.585	23.987	1.021	14.704
8/13/2017 17:00	327600	122.364	19.633	275.637	41692.441	46454.359	30.455	31.589	23.985	1.021	14.698
8/13/2017 17:15	328500	122.348	19.633	275.602	41618.773	46372.727	30.395	31.533	24.028	1.021	14.703
8/13/2017 17:30	329400	122.328	19.641	275.556	41682.301	46417.469	30.443	31.577	23.991	1.021	14.697
8/13/2017 17:45	330300	122.314	19.635	275.525	41669.398	46426.867	30.435	31.57	23.998	1.021	14.696
8/13/2017 18:00	331200	122.298	19.641	275.488	41685.73	46438.785	30.444	31.578	23.989	1.021	14.695
8/13/2017 18:15	33										

8/15/2017 2:30	448200	122.037	19.637	274.901	41665.016	46420.086	30.43	31.566	24.001	1.021	14.682
8/15/2017 2:45	449100	122.062	19.644	274.956	41676.836	46426.465	30.435	31.57	23.994	1.021	14.675
8/15/2017 3:00	450000	122.082	19.64	275.002	41703.617	46460.082	30.459	31.593	23.979	1.021	14.675
8/15/2017 3:15	450900	122.1	19.632	275.043	41662.43	46422.289	30.431	31.567	24.002	1.021	14.679
8/15/2017 3:30	451800	122.122	19.633	275.092	41680.879	46441.211	30.445	31.58	23.992	1.021	14.672
8/15/2017 3:45	452700	122.146	19.638	275.146	41665.953	46400.012	30.43	31.566	24	1.021	14.674
8/15/2017 4:00	453600	122.162	19.639	275.162	41680.879	46402.313	30.417	31.553	24.007	1.021	14.669
8/15/2017 4:15	454500	122.177	19.639	275.215	41657.563	46410.063	30.423	31.559	24.005	1.021	14.672
8/15/2017 4:30	455400	122.197	19.637	275.26	41682.313	46438.762	30.444	31.578	23.991	1.021	14.67
8/15/2017 4:45	456300	122.206	19.635	275.28	41709.09	46471.43	30.467	31.601	23.976	1.021	14.673
8/15/2017 5:00	457200	122.227	19.635	275.329	41676.363	46435.063	30.441	31.576	23.994	1.021	14.668
8/15/2017 5:15	458100	122.235	19.634	275.347	41659.215	46416.223	30.427	31.563	24.004	1.021	14.672
8/15/2017 5:30	459000	122.241	19.641	275.359	41660.648	46410.844	30.423	31.559	24.003	1.021	14.673
8/15/2017 5:45	459900	122.243	19.633	275.363	41662.219	46420.422	30.43	31.566	24.003	1.021	14.673
8/15/2017 6:00	460800	122.249	19.634	275.378	41672.629	46431.07	30.438	31.573	23.997	1.021	14.674
8/15/2017 6:15	461700	122.254	19.637	275.39	41668.828	46424.43	30.433	31.569	23.999	1.021	14.677
8/15/2017 6:30	462600	122.26	19.639	275.403	41672.047	46426.199	30.435	31.57	23.997	1.021	14.669
8/15/2017 6:45	463500	122.244	19.643	275.366	41689.676	46441.543	30.446	31.58	23.987	1.021	14.677
8/15/2017 7:00	464400	122.238	19.635	275.352	41672.195	46430.164	30.437	31.573	23.997	1.021	14.685
8/15/2017 7:15	465300	122.235	19.64	275.347	41669.82	46422.094	30.432	31.567	23.998	1.021	14.682
8/15/2017 7:30	466200	122.236	19.632	275.35	41653.75	46412.711	30.424	31.561	24.007	1.021	14.679
8/15/2017 7:45	467100	122.223	19.636	275.319	41680.453	46438.59	30.444	31.578	23.992	1.021	14.685
8/15/2017 8:00	468000	122.205	19.637	275.279	41682.648	46439.223	30.444	31.579	23.991	1.021	14.691
8/15/2017 8:15	468900	122.195	19.638	275.257	41687.344	46443.426	30.447	31.582	23.988	1.021	14.689
8/15/2017 8:30	469800	122.18	19.642	275.221	41657.555	46406.793	30.421	31.557	24.005	1.021	14.694
8/15/2017 8:45	470700	122.165	19.638	275.189	41674.332	46429.531	30.437	31.572	23.996	1.021	14.694
8/15/2017 9:00	471600	122.158	19.635	275.173	41661.57	46418.238	30.429	31.564	24.003	1.021	14.693
8/15/2017 9:15	472500	122.14	19.639	275.131	41699.066	46455.707	30.456	31.59	23.981	1.021	14.69
8/15/2017 9:30	473400	122.127	19.639	275.102	41692.582	46449	30.451	31.585	23.985	1.021	14.697
8/15/2017 9:45	474300	122.121	19.646	275.09	41702.977	46453.773	30.455	31.589	23.979	1.021	14.693
8/15/2017 10:00	475200	122.1	19.651	275.043	41689.531	46434.328	30.441	31.575	23.987	1.021	14.702
8/15/2017 10:15	476100	122.1	19.64	275.042	41704.266	46460.715	30.46	31.593	23.978	1.021	14.695
8/15/2017 10:30	477000	122.095	19.639	275.03	41669.094	46422.754	30.432	31.567	23.999	1.021	14.701
8/15/2017 10:45	477900	122.087	19.637	275.013	41685.613	46443.387	30.447	31.582	23.989	1.021	14.707
8/15/2017 11:00	478800	122.086	19.639	275.011	41673.773	46427.867	30.436	31.571	23.996	1.021	14.703
8/15/2017 11:15	479700	122.086	19.636	275.012	41687.953	46446.684	30.449	31.584	23.988	1.021	14.702
8/15/2017 11:30	480600	122.088	19.639	275.014	41706.984	46464.965	30.463	31.596	23.977	1.021	14.707
8/15/2017 11:45	481500	122.091	19.645	275.022	41662.57	46409.715	30.423	31.559	24.002	1.021	14.71
8/15/2017 12:00	482400	122.104	19.643	275.05	41694.703	46447.141	30.45	31.584	23.984	1.021	14.701
8/15/2017 12:15	483300	122.124	19.634	275.095	41668.672	46426.66	30.435	31.57	23.999	1.021	14.696
8/15/2017 12:30	484200	122.124	19.64	275.097	41662.852	46414.238	30.426	31.562	24.002	1.021	14.709
8/15/2017 12:45	485100	122.116	19.654	275.078	41674.176	46413.789	30.426	31.561	23.996	1.021	14.699
8/15/2017 13:00	486000	122.117	19.646	275.174	41655.584	46395.48	30.413	31.549	24.006	1.021	14.704
8/15/2017 13:15	486900	122.189	19.645	275.242	41717.508	46470.141	30.467	31.6	23.971	1.021	14.699
8/15/2017 13:30	487800	122.203	19.647	275.274	41692.719	46440.977	30.446	31.58	23.985	1.021	14.704
8/15/2017 13:45	488700	122.232	19.646	275.339	41690.758	46439.734	30.445	31.579	23.986	1.021	14.706
8/15/2017 14:00	489600	122.259	19.636	275.4	41673.047	46429.891	30.437	31.572	23.996	1.021	14.699
8/15/2017 14:15	490500	122.293	19.635	275.478	41685.762	46444.844	30.448	31.582	23.989	1.021	14.699
8/15/2017 14:30	491400	122.317	19.646	275.513	41651.582	46396.388	30.433	31.549	24.009	1.021	14.699
8/15/2017 14:45	492300	122.357	19.633	275.62	41661.715	46420.543	30.43	31.566	24.003	1.021	14.696
8/15/2017 15:00	493200	122.384	19.631	275.682	41651.387	46410.672	30.423	31.559	24.009	1.021	14.7
8/15/2017 15:15	494100	122.409	19.634	275.738	41660.719	46417.801	30.428	31.564	24.003	1.021	14.698
8/15/2017 15:30	495000	122.438	19.645	275.804	41663.926	46411.309	30.424	31.56	24.002	1.021	14.698
8/15/2017 15:45	495900	122.462	19.647	275.857	41677.137	46423.867	30.433	31.568	23.994	1.021	14.7
8/15/2017 16:00	496800	122.487	19.653	275.915	41696.75	46439.695	30.445	31.579	23.983	1.021	14.694
8/15/2017 16:15	497700	122.514	19.65	275.974	41690.91	46435.605	30.442	31.576	23.986	1.021	14.694
8/15/2017 16:30	498600	122.534	19.643	276.02	41665.445	46414.887	30.426	31.562	24.001	1.021	14.695
8/15/2017 16:45	499500	122.557	19.651	276.073	41691.012	46435.199	30.442	31.576	23.986	1.021	14.691
8/15/2017 17:00	500400	122.576	19.635	276.114	41644.008	46398.148	30.414	31.551	24.013	1.021	14.691
8/15/2017 17:15	501300	122.584	19.635	276.132	41648.82	46403.859	30.418	31.555	24.01	1.021	14.695
8/15/2017 17:30	502200	122.59	19.635	276.147	41628.02	46380.802	30.401	31.539	24.022	1.021	14.695
8/15/2017 17:45	503100	122.589	19.642	276.143	41656.637	46406.117	30.42	31.566	24.006	1.021	14.696
8/15/2017 18:00	504000	122.593	19.644	276.154	41615.762	46358.348	30.385	31.524	24.029	1.021	14.692
8/15/2017 18:15	504900	122.593	19.635	276.154	41622.496	46374.703	30.397	31.535	24.025	1.021	14.694
8/15/2017 18:30	505800	122.59	19.632	276.147	41633.477	46390.203	30.408	31.545	24.019	1.021	14.689
8/15/2017 18:45	506700	122.582	19.633	276.127	41611.453	46364.539	30.389	31.528	24.032	1.021	14.69
8/15/2017 19:00	507600	122.565	19.634	276.09	41623.863	46376.734	30.398	31.536	24.025	1.021	14.693
8/15/2017 19:15	508500	122.555	19.635	276.066	41610.025	46362.466	30.388	31.526	24.032	1.021	14.69
8/15/2017 19:30	509400	122.524	19.636	275.997	41617.48	46368.082	30.392	31.53	24.028	1.021	14.691
8/15/2017 19:45	510300	122.501	19.635	275.946	41639.207	46393.41	30.41	31.548	24.016	1.021	14.69
8/15/2017 20:00	511200	122.48	19.635	275.899	41606.879	46356.781	30.384	31.523	24.034	1.021	14.69
8/15/2017 20:15	512100	122.446	19.637	275.821	41603.004	46350.582	30.379	31.518	24.037	1.021	14.695
8/15/2017 20:30	513000	122.414	19.64	275.749	41638.059	46386.707	30.406	31.543	24.016	1.021	14.695
8/15/2017 20:45	513900	122.381	19.655	275.675	41656.418	46393.075	30.411	31.547	24.006	1.021	14.696
8/15/2017 21:00	514800	122.347	19.653	275.599	41656.559	46395.184	30.413	31.549	24.006	1.021	14.698
8/15/2017 21:15	515700	122.311	19.645	275.518	41647.746	46392.773	30.41	31.547	24.011	1.021	14.696
8/15/2017 21:30	516600	122.273	19.645	275.431	41625.367	46368.188	30.392	31.53	24.024	1.021	14.703
8/15/2017 21:45	517500	122.239	19.638	275.356	41653.348	46405.805	30.42	31.556	24.008	1.021	14.701
8/15/2017 22:00	518400	122.199	19.633	275.266	41655.785	46413.598	30.425	31.561	24.006	1.021	14.707
8/15/2017 22:15	519300	122.17	19.632	275.199	41642.189	46413.336	30.427	31.567	23.997	1.021	14.707
8/15/2017 22:30	520200	122.123	19.638	275.093	41644.66	46418.672	30.429	31.565	24.001	1.021	14.712
8/15/2017 22:45	521100	122.09	19.64	275.02	41666.453	46418.516	30.429	31.565	24	1.021	14.714
8/15/2017 23:00											

Report Date: 8/18/2017 9:03
Report User Name: WMassoll
Report Computer Name: WKST52
Application: WinSitu.exe
Application Version: 5.6.27.1

Log File Properties
File Name MPWSP MW-3M Pre Test_2017-08-17_07-41-30-983.wsl
Create Date 8/17/2017 7:41

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 4:00:00 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 PM
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 PM
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 18:22 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
5/25/2017 7:38 Log Download - Used Battery: 43% Used Memory: 100% User Name: AVanHaitsma Interval - Start Time: 5/17/2017 10:00:00 PM Stop Time: 5/25/2017 7:30:00 AM
6/1/2017 11:06 Log Download - Used Battery: 43% Used Memory: 100% User Name: WMassoll Interval - Start Time: 4/30/2017 10:00:00 PM Stop Time: 6/1/2017 12:00:00 PM
6/8/2017 14:46 Log Download - Used Battery: 44% Used Memory: 100% User Name: WMassoll Interval - Start Time: 5/31/2017 10:00:00 PM Stop Time: 6/8/2017 3:45:00 PM
6/15/2017 16:19 Log Download - Used Battery: 44% Used Memory: 100% User Name: AVanHaitsma Interval - Start Time: 6/7/2017 10:00:00 PM Stop Time: 6/15/2017 5:00:00 PM
6/22/2017 14:21 Log Download - Used Battery: 45% Used Memory: 100% User Name: AVanHaitsma Interval - Start Time: 6/14/2017 10:00:00 PM Stop Time: 6/22/2017 3:15:00 PM
6/29/2017 12:18 Log Download - Used Battery: 45% Used Memory: 100% User Name: WMassoll Interval - Start Time: 6/21/2017 10:00:00 PM Stop Time: 6/29/2017 12:15:00 PM
7/6/2017 11:50 Log Download - Used Battery: 45% Used Memory: 100% User Name: AVanHaitsma Interval - Start Time: 5/31/2017 10:00:00 PM Stop Time: 7/6/2017 12:45:00 PM
7/13/2017 17:16 Log Download - Used Battery: 46% Used Memory: 100% User Name: WMassoll Interval - Start Time: 7/5/2017 10:00:00 PM Stop Time: 7/13/2017 5:15:00 PM
7/20/2017 16:39 Log Download - Used Battery: 46% Used Memory: 100% User Name: WMassoll Interval - Start Time: 7/12/2017 10:00:00 PM Stop Time: 7/20/2017 4:30:00 PM
7/27/2017 8:41 Log Download - Used Battery: 46% Used Memory: 100% User Name: AVanHaitsma Interval - Start Time: 7/19/2017 10:00:00 PM Stop Time: 7/27/2017 9:30:00 AM
8/3/2017 7:22 Log Download - Used Battery: 47% Used Memory: 100% User Name: AVanHaitsma Interval - Start Time: 6/30/2017 10:00:00 PM Stop Time: 8/3/2017 8:15:00 AM
8/10/2017 15:08 Log Download - Used Battery: 47% Used Memory: 100% User Name: WMassoll Interval - Start Time: 8/2/2017 10:00:00 PM Stop Time: 8/10/2017 4:00:00 PM
8/17/2017 7:40 Log Download - Used Battery: 47% Used Memory: 100% User Name: AVanHaitsma Interval - Start Time: 8/9/2017 10:00:00 PM Stop Time: 8/17/2017 8:30:00 AM
8/17/2017 7:41 Log Download - Used Battery: 47% Used Memory: 100% User Name: AVanHaitsma Interval - Start Time: 8/9/2017 10:00:00 PM Stop Time: 8/17/2017 8:30:00 AM

Log Data:
Record Count 711

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/cm)	SN#: 395601 Specific Conductivity (µS/cm)	SN#: 395601 Salinity (PSU)	SN#: 395601 Total Dissolved Solids (ppt)	SN#: 395601 Resistivity (ohm-cm)	SN#: 395601 Water Density (g/cm3)	
8/10/2017 0:00		7200	65.056	17.149	146.544	34916.375	41075.953	26.455	27.932	28.64	1.019
8/10/2017 0:15		8100	65.053	17.149	146.538	34903.289	41060.637	26.444	27.921	28.651	1.019
8/10/2017 0:30		9000	65.06	17.149	146.554	34914.684	41073.887	26.454	27.93	28.641	1.019
8/10/2017 0:45		9900	65.059	17.149	146.553	34929.727	41091.422	26.466	27.942	28.629	1.019
8/10/2017 1:00		10800	65.061	17.149	146.557	34919.707	41079.555	26.458	27.934	28.637	1.019
8/10/2017 1:15		11700	65.063	17.15	146.56	34923.5	41083.688	26.461	27.937	28.634	1.019
8/10/2017 1:30		12600	65.065	17.149	146.566	34907.32	41065.141	26.448	27.924	28.647	1.019
8/10/2017 1:45		13500	65.065	17.149	146.565	34925.594	41086.313	26.463	27.939	28.632	1.019
8/10/2017 2:00		14400	65.064	17.149	146.563	34905.813	41063.289	26.446	27.923	28.649	1.019
8/10/2017 2:15		15300	65.066	17.149	146.567	34934.473	41097.164	26.47	27.946	28.625	1.019
8/10/2017 2:30		16200	65.061	17.149	146.556	34894.156	41049.738	26.437	27.914	28.658	1.019
8/10/2017 2:45		17100	65.053	17.149	146.539	34916.625	41075.762	26.455	27.932	28.64	1.019
8/10/2017 3:00		18000	65.054	17.149	146.54	34901.82	41058.516	26.443	27.92	28.652	1.019
8/10/2017 3:15		18900	65.051	17.149	146.533	34918.383	41078.477	26.457	27.933	28.638	1.019
8/10/2017 3:30		19800	65.043	17.149	146.516	34915.414	41074.504	26.454	27.931	28.641	1.019
8/10/2017 3:45		20700	65.042	17.149	146.513	34906.727	41064.602	26.447	27.924	28.648	1.019
8/10/2017 4:00		21600	65.041	17.149	146.512	34926.895	41087.84	26.464	27.94	28.631	1.019
8/10/2017 4:15		22500	65.033	17.15	146.493	34922.383	41082.371	26.46	27.936	28.635	1.019
8/10/2017 4:30		23400	65.026	17.149	146.477	34915.473	41074.492	26.454	27.931	28.641	1.019
8/10/2017 4:45		24300	65.024	17.149	146.473	34920.016	41079.836	26.458	27.934	28.637	1.019
8/10/2017 5:00		25200	65.018	17.15	146.46	34910.621	41068.535	26.45	27.927	28.645	1.019
8/10/2017 5:15		26100	65.012	17.149	146.446	34908.145	41066.031	26.448	27.925	28.647	1.019
8/10/2017 5:30		27000	65.007	17.15	146.434	34906.512	41063.625	26.446	27.923	28.648	1.019
8/10/2017 5:45		27900	65	17.149	146.419	34898.816	41054.898	26.44	27.917	28.654	1.019
8/10/2017 6:00		28800	64.997	17.149	146.413	34915.711	41074.684	26.454	27.931	28.64	1.019
8/10/2017 6:15		29700	64.99	17.15	146.396	34916.41	41074.938	26.455	27.931	28.64	1.019
8/10/2017 6:30		30600	64.99	17.15	146.397	34923.656	41083.621	26.461	27.937	28.634	1.019
8/10/2017 6:45		31500	64.985	17.149	146.384	34933.176	41095.398	26.469	27.945	28.626	1.019
8/10/2017 7:00		32400	64.981	17.15	146.377	34930.293	41091.762	26.467	27.942	28.628	1.019
8/10/2017 7:15		33300	64.977	17.15	146.366	34917.871	41077.148	26.456	27.932	28.639	1.019
8/10/2017 7:30		34200	64.971	17.15	146.352	34926.922	41087.797	26.464	27.94	28.631	1.019
8/10/2017 7:45		35100	64.968	17.149	146.346	34924.035	41084.648	26.461	27.938	28.634	1.019
8/10/2017 8:00		36000	64.965	17.15	146.34	34914.496	41073.016	26.453	27.93	28.641	1.019
8/10/2017 8:15		36900	64.967	17.149	146.344	34929.938	41091.828	26.467	27.942	28.629	1.019
8/10/2017 8:30		37800	64.967	17.149	146.346	34903.859	41060.742	26.444	27.921	28.65	1.019
8/10/2017 8:45		38700	64.967	17.149	146.344	34921.188	41081.215	26.459	27.935	28.636	1.019
8/10/2017 9:00		39600	64.964	17.15	146.338	34941.551	41105.004	26.476	27.951	28.619	1.019
8/10/2017 9:15		40500	64.965	17.15	146.341	34930.414	41091.82	26.467	27.942	28.628	1.019
8/10/2017 9:30		41400	64.969	17.149	146.35	34905.555	41062.906	26.446	27.923	28.649	1.019
8/10/2017 9:45		42300	64.968	17.149	146.347	34910.992	41069.543	26.451	27.927	28.644	1.019
8/10/2017 10:00		43200	64.972	17.149	146.355	34928.527	41089.762	26.465	27.941	28.63	1.019
8/10/2017 10:15		44100	64.972	17.15	146.356	34926.723	41087.563	26.464	27.94	28.631	1.019
8/10/2017 10:30		45000	64.977	17.15	146.366	34911.027	41069.098	26.45	27.927	28.644	1.019
8/10/2017 10:45		45900	64.982	17.149	146.378	34916.137	41075.273	26.455	27.931	28.64	1.019
8/10/2017 11:00		46800	64.987	17.15	146.39	34917.656	41076.813	26.456	27.932	28.639	1.019
8/10/2017 11:15		47700	64.991	17.149	146.399	34919.715	41079.719	26.458	27.934	28.637	1.019
8/10/2017 11:30		48600	64.991	17.149	146.399	34909.215	41067.043	26.449	27.926	28.646	1.019

8/10/2017 11:45	49500	64.996	17.149	146.41	34924.734	41085.301	26.462	27.938	28.633	1.019
8/10/2017 12:00	50400	65	17.15	146.419	34895.387	41050.367	26.437	27.914	28.657	1.019
8/10/2017 12:15	51300	65.002	17.149	146.423	34917.027	41076.234	26.455	27.932	28.639	1.019
8/10/2017 12:30	52200	65.004	17.149	146.428	34935.297	41097.813	26.471	27.947	28.624	1.019
8/10/2017 12:45	53100	65.012	17.15	146.446	34911.555	41069.633	26.451	27.927	28.644	1.019
8/10/2017 13:00	54000	65.013	17.149	146.448	34910.129	41068.445	26.45	27.927	28.645	1.019
8/10/2017 13:15	54900	65.011	17.149	146.443	34907.449	41065.051	26.447	27.924	28.647	1.019
8/10/2017 13:30	55800	65.016	17.149	146.455	34926.121	41087.18	26.463	27.939	28.632	1.019
8/10/2017 13:45	56700	65.019	17.149	146.461	34894.297	41049.664	26.436	27.914	28.658	1.019
8/10/2017 14:00	57600	65.021	17.149	146.466	34889.211	41043.918	26.432	27.91	28.662	1.019
8/10/2017 14:15	58500	65.021	17.149	146.467	34902.965	41059.691	26.444	27.921	28.651	1.019
8/10/2017 14:30	59400	65.02	17.149	146.464	34887.871	41041.934	26.431	27.909	28.663	1.019
8/10/2017 14:45	60300	65.024	17.149	146.473	34893.285	41048.473	26.436	27.913	28.659	1.019
8/10/2017 15:00	61200	65.023	17.149	146.47	34914.129	41072.824	26.453	27.93	28.642	1.019
8/10/2017 15:15	62100	65.023	17.15	146.471	34908.301	41065.652	26.448	27.925	28.646	1.019
8/10/2017 15:30	63000	65.022	17.15	146.468	34892.969	41047.852	26.435	27.913	28.659	1.019
8/10/2017 15:45	63900	65.015	17.149	146.454	34914.781	41073.762	26.454	27.93	28.641	1.019
8/10/2017 16:00	64800	65.018	17.149	146.458	34898.559	41054.676	26.44	27.917	28.654	1.019
8/10/2017 16:15	65700	65.018	17.149	146.458	34902.988	41060.043	26.444	27.921	28.651	1.019
8/10/2017 16:30	66600	65.011	17.15	146.443	34910.973	41068.949	26.45	27.927	28.644	1.019
8/10/2017 16:45	67500	65.011	17.149	146.443	34916.129	41075.262	26.455	27.931	28.64	1.019
8/10/2017 17:00	68400	65.012	17.15	146.446	34898.105	41053.895	26.44	27.917	28.655	1.019
8/10/2017 17:15	69300	65.005	17.15	146.431	34903.117	41059.461	26.444	27.92	28.651	1.019
8/10/2017 17:30	70200	65.005	17.149	146.43	34915.918	41075.176	26.455	27.931	28.64	1.019
8/10/2017 17:45	71100	65.003	17.149	146.425	34910.047	41068.27	26.45	27.926	28.645	1.019
8/10/2017 18:00	72000	65.003	17.149	146.425	34916.137	41075.273	26.455	27.931	28.64	1.019
8/10/2017 18:15	72900	64.996	17.15	146.41	34899.973	41056.008	26.441	27.918	28.653	1.019
8/10/2017 18:30	73800	64.996	17.15	146.41	34904.266	41060.98	26.445	27.921	28.65	1.019
8/10/2017 18:45	74700	64.993	17.149	146.404	34934.547	41097.012	26.47	27.946	28.625	1.019
8/10/2017 19:00	75600	64.989	17.149	146.395	34911.48	41069.793	26.451	27.927	28.644	1.019
8/10/2017 19:15	76500	64.991	17.15	146.399	34911.859	41069.992	26.451	27.928	28.644	1.019
8/10/2017 19:30	77400	64.992	17.15	146.4	34920.059	41079.391	26.458	27.934	28.637	1.019
8/10/2017 19:45	78300	64.989	17.15	146.395	34903.988	41060.418	26.444	27.921	28.65	1.019
8/10/2017 20:00	79200	64.99	17.149	146.396	34928.84	41090.215	26.465	27.941	28.63	1.019
8/10/2017 20:15	80100	64.986	17.15	146.388	34937.75	41099.973	26.472	27.948	28.622	1.019
8/10/2017 20:30	81000	64.989	17.15	146.395	34917.426	41076.539	26.456	27.932	28.639	1.019
8/10/2017 20:45	81900	64.991	17.15	146.399	34900.238	41055.844	26.441	27.918	28.653	1.019
8/10/2017 21:00	82800	64.996	17.15	146.41	34922.172	41081.559	26.459	27.935	28.635	1.019
8/10/2017 21:15	83700	64.996	17.15	146.41	34924.789	41084.563	26.461	27.938	28.633	1.019
8/10/2017 21:30	84600	64.999	17.15	146.416	34937.07	41099.496	26.472	27.948	28.623	1.019
8/10/2017 21:45	85500	65.003	17.15	146.425	34923.691	41083.188	26.46	27.937	28.634	1.019
8/10/2017 22:00	86400	65.007	17.15	146.434	34934.258	41096.094	26.47	27.945	28.625	1.019
8/10/2017 22:15	87300	65.008	17.15	146.436	34925.141	41085.699	26.462	27.938	28.633	1.019
8/10/2017 22:30	88200	65.014	17.15	146.451	34933.027	41094.648	26.469	27.944	28.626	1.019
8/10/2017 22:45	89100	65.017	17.15	146.457	34911.352	41069.078	26.45	27.927	28.644	1.019
8/10/2017 23:00	90000	65.02	17.15	146.463	34894.313	41049.273	26.436	27.914	28.658	1.019
8/10/2017 23:15	90900	65.027	17.15	146.479	34931.926	41093.441	26.468	27.944	28.627	1.019
8/10/2017 23:30	91800	65.026	17.15	146.477	34913.129	41071.332	26.452	27.929	28.643	1.019
8/10/2017 23:45	92700	65.028	17.15	146.482	34898.016	41053.23	26.439	27.916	28.655	1.019
8/11/2017 0:00	93600	65.033	17.15	146.492	34925.336	41085.367	26.462	27.938	28.633	1.019
8/11/2017 0:15	94500	65.039	17.15	146.507	34922.469	41082.316	26.46	27.936	28.635	1.019
8/11/2017 0:30	95400	65.039	17.15	146.507	34940.969	41103.988	26.475	27.951	28.62	1.019
8/11/2017 0:45	96300	65.044	17.15	146.517	34929.918	41090.672	26.466	27.942	28.629	1.019
8/11/2017 1:00	97200	65.045	17.15	146.521	34925.68	41086.25	26.463	27.939	28.632	1.019
8/11/2017 1:15	98100	65.047	17.15	146.525	34926.586	41087.16	26.463	27.939	28.631	1.019
8/11/2017 1:30	99000	65.048	17.15	146.527	34918.148	41077.145	26.456	27.932	28.638	1.019
8/11/2017 1:45	99900	65.049	17.15	146.53	34916.773	41075.207	26.455	27.931	28.64	1.019
8/11/2017 2:00	100800	65.047	17.15	146.525	34919.918	41079.063	26.457	27.934	28.637	1.019
8/11/2017 2:15	101700	65.051	17.15	146.533	34902.656	41059.012	26.443	27.92	28.651	1.019
8/11/2017 2:30	102600	65.049	17.15	146.528	34922.555	41082.164	26.46	27.936	28.635	1.019
8/11/2017 2:45	103500	65.052	17.15	146.535	34914.996	41072.957	26.453	27.93	28.641	1.019
8/11/2017 3:00	104400	65.049	17.15	146.529	34905.375	41062.047	26.445	27.922	28.649	1.019
8/11/2017 3:15	105300	65.044	17.15	146.517	34917.059	41075.469	26.455	27.931	28.639	1.019
8/11/2017 3:30	106200	65.044	17.15	146.517	34918.406	41077.379	26.456	27.933	28.638	1.019
8/11/2017 3:45	107100	65.04	17.15	146.51	34925.148	41085.309	26.462	27.938	28.633	1.019
8/11/2017 4:00	108000	65.037	17.15	146.503	34921.129	41080.488	26.459	27.935	28.636	1.019
8/11/2017 4:15	108900	65.032	17.15	146.492	34908.496	41065.473	26.448	27.925	28.646	1.019
8/11/2017 4:30	109800	65.03	17.15	146.487	34917.328	41075.785	26.455	27.932	28.639	1.019
8/11/2017 4:45	110700	65.027	17.15	146.48	34918.223	41076.754	26.456	27.932	28.638	1.019
8/11/2017 5:00	111600	65.023	17.15	146.471	34900.617	41056.289	26.441	27.918	28.653	1.019
8/11/2017 5:15	112500	65.013	17.15	146.448	34904.492	41061.078	26.445	27.922	28.65	1.019
8/11/2017 5:30	113400	65.01	17.15	146.44	34920.801	41079.871	26.458	27.934	28.636	1.019
8/11/2017 5:45	114300	65.004	17.15	146.428	34918.66	41077.516	26.456	27.933	28.638	1.019
8/11/2017 6:00	115200	65.005	17.15	146.43	34924.754	41084.598	26.461	27.938	28.633	1.019
8/11/2017 6:15	116100	65	17.15	146.418	34919.555	41078.406	26.457	27.933	28.637	1.019
8/11/2017 6:30	117000	64.995	17.15	146.407	34920.684	41079.563	26.458	27.934	28.636	1.019
8/11/2017 6:45	117900	64.986	17.15	146.388	34919.773	41078.738	26.457	27.934	28.637	1.019
8/11/2017 7:00	118800	64.986	17.15	146.387	34912.07	41069.992	26.451	27.928	28.643	1.019
8/11/2017 7:15	119700	64.979	17.151	146.372	34956.297	41121.387	26.488	27.963	28.607	1.019
8/11/2017 7:30	120600	64.975	17.15	146.362	34924.969	41084.938	26.462	27.938	28.633	1.019
8/11/2017 7:45	121500	64.973	17.15	146.357	34936.566	41098.578	26.471	27.947	28.623	1.019
8/11/2017 8:00	122400	64.97	17.15	146.351	34923.059	41082.758	26.46	27.936	28.634	1.019
8/11/2017 8:15	123300	64.966	17.15	146.343	34936.242	41098.359	26.471	27.947	28.624	1.019
8/11/2017 8:30	124200	64.962	17.15	146.332	34933.434	41094.895	26.469	27.945	28.626	1.019
8/11/2017 8:45	125100	64.966	17.15	146.342	34930.137	41091.016	26.466	27.942	28.629	1.019
8/11/2017 9:00	126000	64.965	17.15	146.341	34930.797	41091.793	26.467	27.942	28.628	1.019
8/11/2017 9:15	126900	64.966	17.15	146.342	34919.539	41078.949	26.457	27.934	28.637	1.019
8/11/2017 9:30	127800	64.961	17.15	146.332	34916.375	41074.828	26.454	27.931	28.64	1.019
8/11/2017 9:45	128700	64.963	17.151	146.335	34916.18	41074.195	26.454	27.93	28.64	1.019
8/11/2017 10:00	129600	64.963	17.15	146.336	34919.168	41078.18	26.457	27.933	28.638	1.019

8/12/2017 8:15	209700	64.969	17.151	146.35	34919.617	41077.824	26.457	27.933	28.637	1.019
8/12/2017 8:30	210600	64.963	17.151	146.336	34917.746	41075.461	26.455	27.931	28.639	1.019
8/12/2017 8:45	211500	64.959	17.151	146.326	34923.301	41082.41	26.46	27.936	28.634	1.019
8/12/2017 9:00	212400	64.956	17.151	146.321	34921.902	41080.926	26.459	27.935	28.635	1.019
8/12/2017 9:15	213300	64.957	17.151	146.321	34923.637	41082.875	26.46	27.936	28.634	1.019
8/12/2017 9:30	214200	64.959	17.151	146.326	34926.813	41086.539	26.463	27.939	28.631	1.019
8/12/2017 9:45	215100	64.954	17.15	146.314	34936.816	41098.625	26.471	27.947	28.623	1.019
8/12/2017 10:00	216000	64.953	17.15	146.314	34946.074	41109.516	26.479	27.954	28.616	1.019
8/12/2017 10:15	216900	64.957	17.151	146.322	34909.91	41066.48	26.449	27.925	28.645	1.019
8/12/2017 10:30	217800	64.957	17.151	146.321	34916.508	41074.488	26.454	27.931	28.64	1.019
8/12/2017 10:45	218700	64.958	17.151	146.324	34926.055	41085.559	26.462	27.938	28.632	1.019
8/12/2017 11:00	219600	64.963	17.151	146.335	34911.027	41067.797	26.449	27.926	28.644	1.019
8/12/2017 11:15	220500	64.96	17.151	146.329	34931.93	41092.469	26.467	27.943	28.627	1.019
8/12/2017 11:30	221400	64.967	17.151	146.345	34923.242	41081.926	26.46	27.936	28.634	1.019
8/12/2017 11:45	222300	64.968	17.151	146.347	34913.996	41071.465	26.452	27.929	28.642	1.019
8/12/2017 12:00	223200	64.972	17.151	146.355	34907.496	41063.324	26.446	27.923	28.647	1.019
8/12/2017 12:15	224100	64.971	17.151	146.353	34908.582	41065.164	26.448	27.924	28.646	1.019
8/12/2017 12:30	225000	64.98	17.151	146.375	34902.004	41057.266	26.442	27.919	28.652	1.019
8/12/2017 12:45	225900	64.982	17.151	146.379	34917.758	41075.891	26.455	27.932	28.639	1.019
8/12/2017 13:00	226800	64.987	17.151	146.39	34915.953	41073.926	26.454	27.93	28.64	1.019
8/12/2017 13:15	227700	64.995	17.151	146.407	34919.262	41077.727	26.457	27.933	28.637	1.019
8/12/2017 13:30	228600	64.993	17.151	146.402	34918.422	41076.578	26.456	27.932	28.638	1.019
8/12/2017 13:45	229500	64.995	17.151	146.407	34931.855	41092.059	26.467	27.943	28.627	1.019
8/12/2017 14:00	230400	64.998	17.151	146.413	34914.688	41072.184	26.453	27.929	28.641	1.019
8/12/2017 14:15	231300	65.002	17.151	146.424	34904.051	41059.926	26.444	27.921	28.65	1.019
8/12/2017 14:30	232200	65.005	17.151	146.429	34908.453	41064.766	26.447	27.924	28.646	1.019
8/12/2017 14:45	233100	65.01	17.151	146.442	34903.621	41059.328	26.443	27.92	28.65	1.019
8/12/2017 15:00	234000	65.011	17.151	146.443	34914.973	41072.121	26.453	27.929	28.641	1.019
8/12/2017 15:15	234900	65.012	17.15	146.445	34887.512	41040.625	26.43	27.908	28.664	1.019
8/12/2017 15:30	235800	65.013	17.151	146.448	34914.25	41071.508	26.452	27.929	28.642	1.019
8/12/2017 15:45	236700	65.013	17.151	146.448	34899.859	41054.832	26.44	27.917	28.653	1.019
8/12/2017 16:00	237600	65.018	17.151	146.46	34914.539	41072.172	26.453	27.929	28.641	1.019
8/12/2017 16:15	238500	65.015	17.15	146.453	34908.5	41065.316	26.448	27.924	28.646	1.019
8/12/2017 16:30	239400	65.015	17.15	146.454	34931	41091.699	26.467	27.942	28.628	1.019
8/12/2017 16:45	240300	65.013	17.151	146.448	34897.168	41051.738	26.438	27.915	28.656	1.019
8/12/2017 17:00	241200	65.019	17.151	146.462	34900.16	41055.094	26.44	27.917	28.653	1.019
8/12/2017 17:15	242100	65.016	17.151	146.455	34909.457	41065.711	26.448	27.925	28.646	1.019
8/12/2017 17:30	243000	65.017	17.151	146.457	34907.137	41063.141	26.446	27.923	28.647	1.019
8/12/2017 17:45	243900	65.014	17.151	146.449	34938.008	41099.457	26.472	27.948	28.622	1.019
8/12/2017 18:00	244800	65.012	17.151	146.445	34920.371	41078.395	26.457	27.933	28.637	1.019
8/12/2017 18:15	245700	65.005	17.151	146.43	34923.973	41082.785	26.46	27.936	28.634	1.019
8/12/2017 18:30	246600	65.007	17.151	146.434	34930.664	41090.738	26.466	27.942	28.628	1.019
8/12/2017 18:45	247500	65.003	17.151	146.425	34922.41	41081.109	26.459	27.935	28.635	1.019
8/12/2017 19:00	248400	64.998	17.152	146.414	34926	41084.676	26.462	27.938	28.632	1.019
8/12/2017 19:15	249300	64.995	17.151	146.407	34912.754	41069.586	26.451	27.927	28.643	1.019
8/12/2017 19:30	250200	64.996	17.151	146.409	34910.109	41066.891	26.449	27.925	28.645	1.019
8/12/2017 19:45	251100	64.991	17.151	146.399	34936.199	41097.09	26.47	27.946	28.624	1.019
8/12/2017 20:00	252000	64.987	17.151	146.39	34921.281	41080.035	26.458	27.934	28.636	1.019
8/12/2017 20:15	252900	64.985	17.151	146.385	34930.512	41090.715	26.466	27.942	28.628	1.019
8/12/2017 20:30	253800	64.983	17.151	146.381	34922.773	41081.457	26.459	27.935	28.635	1.019
8/12/2017 20:45	254700	64.983	17.151	146.381	34921.859	41080.383	26.458	27.935	28.635	1.019
8/12/2017 21:00	255600	64.978	17.151	146.368	34935.773	41096.828	26.47	27.946	28.624	1.019
8/12/2017 21:15	256500	64.981	17.151	146.376	34916.789	41074.496	26.454	27.931	28.64	1.019
8/12/2017 21:30	257400	64.981	17.151	146.376	34911.508	41068.281	26.45	27.926	28.644	1.019
8/12/2017 21:45	258300	64.976	17.151	146.365	34939.691	41101.199	26.473	27.949	28.621	1.019
8/12/2017 22:00	259200	64.979	17.151	146.372	34949.492	41112.805	26.482	27.957	28.613	1.019
8/12/2017 22:15	260100	64.975	17.151	146.363	34925.75	41084.875	26.462	27.938	28.632	1.019
8/12/2017 22:30	261000	64.978	17.151	146.368	34919.973	41078	26.457	27.933	28.637	1.019
8/12/2017 22:45	261900	64.983	17.152	146.382	34910.855	41066.953	26.449	27.926	28.644	1.019
8/12/2017 23:00	262800	64.975	17.152	146.362	34924.434	41082.926	26.46	27.936	28.633	1.019
8/12/2017 23:15	263700	64.983	17.151	146.382	34928.754	41088.172	26.464	27.94	28.63	1.019
8/12/2017 23:30	264600	64.981	17.151	146.376	34910.629	41067.012	26.449	27.926	28.645	1.019
8/12/2017 23:45	265500	64.985	17.152	146.384	34912.82	41069.262	26.451	27.927	28.643	1.019
8/13/2017 0:00	266400	64.981	17.151	146.376	34920.352	41078.688	26.457	27.934	28.637	1.019
8/13/2017 0:15	267300	64.985	17.151	146.384	34930.469	41090.512	26.466	27.942	28.628	1.019
8/13/2017 0:30	268200	64.987	17.151	146.39	34923.816	41082.363	26.46	27.936	28.634	1.019
8/13/2017 0:45	269100	64.987	17.151	146.39	34933.742	41094.438	26.469	27.944	28.626	1.019
8/13/2017 1:00	270000	64.992	17.151	146.402	34927.754	41087.156	26.463	27.939	28.631	1.019
8/13/2017 1:15	270900	64.996	17.151	146.409	34922.832	41081.289	26.459	27.935	28.635	1.019
8/13/2017 1:30	271800	64.998	17.152	146.413	34932.852	41092.828	26.467	27.943	28.626	1.019
8/13/2017 1:45	272700	65.005	17.152	146.431	34926.387	41085.301	26.462	27.938	28.632	1.019
8/13/2017 2:00	273600	64.989	17.151	146.393	34929.73	41089.48	26.465	27.941	28.629	1.019
8/13/2017 2:15	274500	65.009	17.152	146.439	34907.309	41062.859	26.446	27.923	28.647	1.019
8/13/2017 2:30	275400	65.006	17.151	146.433	34927.164	41086.383	26.463	27.939	28.631	1.019
8/13/2017 2:45	276300	65.005	17.151	146.431	34921.633	41079.875	26.458	27.934	28.636	1.019
8/13/2017 3:00	277200	65.007	17.151	146.435	34916.242	41073.773	26.454	27.93	28.64	1.019
8/13/2017 3:15	278100	65.007	17.151	146.434	34926.547	41085.898	26.462	27.938	28.632	1.019
8/13/2017 3:30	279000	65.009	17.152	146.439	34921.969	41080.105	26.458	27.934	28.635	1.019
8/13/2017 3:45	279900	65.009	17.151	146.439	34919.664	41077.715	26.457	27.933	28.637	1.019
8/13/2017 4:00	280800	65.012	17.152	146.446	34929.824	41089.176	26.465	27.941	28.629	1.019
8/13/2017 4:15	281700	65.007	17.151	146.434	34934.816	41095.703	26.469	27.945	28.625	1.019
8/13/2017 4:30	282600	65.011	17.151	146.444	34913.434	41070.387	26.451	27.928	28.642	1.019
8/13/2017 4:45	283500	65.009	17.151	146.439	34914.352	41071.227	26.452	27.928	28.642	1.019
8/13/2017 5:00	284400	65.006	17.151	146.433	34945.09	41107.387	26.478	27.953	28.616	1.019
8/13/2017 5:15	285300	65.003	17.151	146.426	34923.527	41082.023	26.46	27.936	28.634	1.019
8/13/2017 5:30	286200	65.004	17.151	146.428	34907.328	41063.129	26.446	27.923	28.647	1.019
8/13/2017 5:45	287100	65	17.152	146.419	34937.742	41098.578	26.471	27.947	28.622	1.019
8/13/2017 6:00	288000	64.998	17.152	146.415	34918.383	41075.715	26.455	27.931	28.638	1.019
8/13/2017 6:15	288900	64.993	17.151	146.404	34924.117	41082.801	26.46	27.936	28.634	1.019

8/14/2017 4:45	369900	65	17.152	146.419	34905.152	41060.082	26.444	27.921	28.649	1.019
8/14/2017 5:00	370800	64.996	17.152	146.409	34919.539	41076.836	26.456	27.932	28.637	1.019
8/14/2017 5:15	371700	64.994	17.151	146.404	34927.41	41086.828	26.463	27.939	28.631	1.019
8/14/2017 5:30	372600	64.994	17.152	146.404	34918.75	41075.91	26.455	27.932	28.638	1.019
8/14/2017 5:45	373500	64.994	17.153	146.404	34929.945	41088.594	26.464	27.94	28.629	1.019
8/14/2017 6:00	374400	64.992	17.152	146.4	34919.961	41077.664	26.457	27.933	28.637	1.019
8/14/2017 6:15	375300	64.99	17.152	146.396	34927.043	41085.75	26.462	27.938	28.631	1.019
8/14/2017 6:30	376200	64.989	17.152	146.395	34927.461	41086.156	26.463	27.939	28.631	1.019
8/14/2017 6:45	377100	64.986	17.152	146.387	34908.777	41064.102	26.447	27.924	28.646	1.019
8/14/2017 7:00	378000	64.981	17.152	146.376	34921.844	41079.387	26.458	27.934	28.635	1.019
8/14/2017 7:15	378900	64.984	17.152	146.382	34911.152	41067.211	26.449	27.926	28.644	1.019
8/14/2017 7:30	379800	64.981	17.152	146.376	34914.863	41071.262	26.452	27.928	28.641	1.019
8/14/2017 7:45	380700	64.979	17.152	146.372	34910.637	41066.289	26.448	27.925	28.645	1.019
8/14/2017 8:00	381600	64.973	17.152	146.357	34915.984	41072.656	26.453	27.929	28.64	1.019
8/14/2017 8:15	382500	64.974	17.152	146.361	34956.152	41120.234	26.487	27.962	28.607	1.019
8/14/2017 8:30	383400	64.97	17.152	146.35	34930.629	41089.965	26.465	27.941	28.628	1.019
8/14/2017 8:45	384300	64.972	17.151	146.356	34922.031	41080.422	26.459	27.935	28.635	1.019
8/14/2017 9:00	385200	64.966	17.152	146.342	34913.391	41069.281	26.451	27.927	28.642	1.019
8/14/2017 9:15	386100	64.966	17.152	146.342	34906.766	41062.051	26.445	27.922	28.648	1.019
8/14/2017 9:30	387000	64.963	17.152	146.335	34906.508	41061.348	26.445	27.922	28.648	1.019
8/14/2017 9:45	387900	64.961	17.151	146.33	34933.582	41093.934	26.468	27.944	28.626	1.019
8/14/2017 10:00	388800	64.963	17.152	146.335	34934.254	41094.316	26.468	27.944	28.625	1.019
8/14/2017 10:15	389700	64.959	17.152	146.326	34911.137	41066.953	26.449	27.926	28.644	1.019
8/14/2017 10:30	390600	64.956	17.152	146.321	34896.934	41050.414	26.437	27.914	28.656	1.019
8/14/2017 10:45	391500	64.959	17.152	146.326	34920.648	41077.98	26.457	27.933	28.636	1.019
8/14/2017 11:00	392400	64.962	17.152	146.334	34927.984	41087.102	26.463	27.939	28.63	1.019
8/14/2017 11:15	393300	64.959	17.152	146.328	34935.055	41095.012	26.469	27.945	28.625	1.019
8/14/2017 11:30	394200	64.962	17.151	146.334	34940.242	41101.77	26.474	27.949	28.62	1.019
8/14/2017 11:45	395100	64.959	17.152	146.328	34931.094	41090.512	26.466	27.942	28.628	1.019
8/14/2017 12:00	396000	64.96	17.152	146.329	34925.371	41083.699	26.461	27.937	28.632	1.019
8/14/2017 12:15	396900	64.977	17.152	146.367	34907.57	41062.758	26.446	27.923	28.647	1.019
8/14/2017 12:30	397800	64.964	17.152	146.337	34912.117	41068.273	26.45	27.926	28.643	1.019
8/14/2017 12:45	398700	64.965	17.151	146.341	34946.074	41108.707	26.479	27.954	28.616	1.019
8/14/2017 13:00	399600	64.972	17.152	146.355	34920.055	41077.684	26.457	27.933	28.637	1.019
8/14/2017 13:15	400500	64.972	17.151	146.355	34899.379	41053.699	26.439	27.917	28.654	1.019
8/14/2017 13:30	401400	64.975	17.153	146.362	34920.777	41077.809	26.457	27.933	28.636	1.019
8/14/2017 13:45	402300	64.979	17.152	146.372	34930.883	41089.949	26.465	27.941	28.628	1.019
8/14/2017 14:00	403200	64.983	17.152	146.381	34919.988	41077.289	26.456	27.933	28.637	1.019
8/14/2017 14:15	404100	64.989	17.152	146.395	34903.781	41057.977	26.443	27.919	28.65	1.019
8/14/2017 14:30	405000	64.992	17.152	146.402	34921.395	41078.695	26.457	27.934	28.636	1.019
8/14/2017 14:45	405900	64.991	17.153	146.399	34918.297	41074.734	26.455	27.931	28.638	1.019
8/14/2017 15:00	406800	65.003	17.152	146.425	34923.773	41082.059	26.46	27.936	28.634	1.019
8/14/2017 15:15	407700	65.001	17.152	146.421	34911.48	41067.598	26.449	27.926	28.644	1.019
8/14/2017 15:30	408600	65.008	17.152	146.438	34923.223	41081.172	26.459	27.935	28.634	1.019
8/14/2017 15:45	409500	65.011	17.152	146.443	34893.121	41045.844	26.434	27.911	28.659	1.019
8/14/2017 16:00	410400	65.01	17.152	146.442	34911.102	41066.996	26.449	27.926	28.644	1.019
8/14/2017 16:15	411300	65.014	17.152	146.45	34908.773	41063.848	26.447	27.923	28.646	1.019
8/14/2017 16:30	412200	65.016	17.152	146.455	34925.594	41083.727	26.461	27.937	28.632	1.019
8/14/2017 16:45	413100	65.02	17.152	146.463	34923.43	41081.582	26.459	27.935	28.634	1.019
8/14/2017 17:00	414000	65.021	17.152	146.466	34911.582	41067.477	26.449	27.926	28.644	1.019
8/14/2017 17:15	414900	65.02	17.152	146.464	34916.414	41073	26.453	27.93	28.64	1.019
8/14/2017 17:30	415800	65.026	17.152	146.478	34912.258	41068.602	26.45	27.927	28.643	1.019
8/14/2017 17:45	416700	65.022	17.152	146.468	34879.16	41029.508	26.422	27.9	28.67	1.019
8/14/2017 18:00	417600	65.022	17.152	146.468	34916.395	41072.977	26.453	27.93	28.64	1.019
8/14/2017 18:15	418500	65.017	17.152	146.457	34917.453	41074.223	26.454	27.93	28.639	1.019
8/14/2017 18:30	419400	65.018	17.152	146.458	34893.859	41046.867	26.435	27.912	28.658	1.019
8/14/2017 18:45	420300	65.02	17.152	146.464	34912.477	41068.613	26.45	27.927	28.643	1.019
8/14/2017 19:00	421200	65.017	17.152	146.457	34918.738	41075.895	26.455	27.932	28.638	1.019
8/14/2017 19:15	422100	65.014	17.151	146.45	34905.688	41061.121	26.445	27.922	28.649	1.019
8/14/2017 19:30	423000	65.007	17.152	146.435	34907.012	41061.941	26.445	27.922	28.648	1.019
8/14/2017 19:45	423900	65.012	17.152	146.446	34917.309	41073.891	26.454	27.93	28.639	1.019
8/14/2017 20:00	424800	65.007	17.152	146.434	34877.676	41027.594	26.421	27.899	28.672	1.019
8/14/2017 20:15	425700	65.001	17.152	146.421	34907.648	41062.773	26.446	27.923	28.647	1.019
8/14/2017 20:30	426600	64.997	17.152	146.413	34918.328	41075.18	26.455	27.931	28.638	1.019
8/14/2017 20:45	427500	64.991	17.152	146.399	34919.449	41076.5	26.456	27.932	28.637	1.019
8/14/2017 21:00	428400	64.992	17.152	146.402	34919.781	41077.289	26.456	27.933	28.637	1.019
8/14/2017 21:15	429300	64.987	17.153	146.39	34907.199	41061.758	26.445	27.922	28.647	1.019
8/14/2017 21:30	430200	64.984	17.152	146.382	34922.313	41080.102	26.458	27.934	28.635	1.019
8/14/2017 21:45	431100	64.979	17.152	146.372	34933.246	41092.883	26.467	27.943	28.626	1.019
8/14/2017 22:00	432000	64.973	17.152	146.357	34889.613	41041.637	26.431	27.908	28.662	1.019
8/14/2017 22:15	432900	64.97	17.153	146.35	34921.895	41079.043	26.458	27.934	28.635	1.019
8/14/2017 22:30	433800	64.969	17.152	146.348	34931.203	41090.48	26.466	27.942	28.628	1.019
8/14/2017 22:45	434700	64.967	17.152	146.346	34912.563	41068.633	26.45	27.927	28.643	1.019
8/14/2017 23:00	435600	64.963	17.152	146.336	34927.031	41085.891	26.462	27.938	28.631	1.019
8/14/2017 23:15	436500	64.958	17.152	146.325	34922.402	41080.129	26.458	27.934	28.635	1.019
8/14/2017 23:30	437400	64.956	17.152	146.321	34906.719	41061.434	26.445	27.922	28.648	1.019
8/14/2017 23:45	438300	64.956	17.152	146.319	34925.117	41083.32	26.461	27.937	28.633	1.019
8/15/2017 0:00	439200	64.956	17.152	146.319	34923.746	41081.871	26.46	27.936	28.634	1.019
8/15/2017 0:15	440100	64.951	17.152	146.308	34935.344	41095.598	26.469	27.945	28.624	1.019
8/15/2017 0:30	441000	64.947	17.152	146.299	34933.5	41092.855	26.467	27.943	28.626	1.019
8/15/2017 0:45	441900	64.953	17.153	146.314	34946.379	41107.77	26.478	27.953	28.615	1.019
8/15/2017 1:00	442800	64.952	17.152	146.311	34924.504	41082.352	26.46	27.936	28.633	1.019
8/15/2017 1:15	443700	64.956	17.152	146.321	34943.129	41104.184	26.476	27.951	28.618	1.019
8/15/2017 1:30	444600	64.951	17.153	146.308	34936.094	41095.824	26.47	27.945	28.624	1.019
8/15/2017 1:45	445500	64.951	17.153	146.309	34940.289	41100.605	26.473	27.948	28.62	1.019
8/15/2017 2:00	446400	64.951	17.153	146.309	34927.688	41085.781	26.462	27.938	28.631	1.019
8/15/2017 2:15	447300	64.954	17.152	146.316	34929.402	41088.207	26.464	27.94	28.629	1.019
8/15/2017 2:30	448200	64.958	17.153	146.324	34942.941	41103.723	26.475	27.951	28.618	1.019
8/15/2017 2:45	449100	64.958	17.152	146.325	34929.039	41087.688	26.464	27.94	28.629	1.019

8/16/2017 1:15	530100	64.954	17.153	146.316	34942.645	41102.965	26.475	27.95	28.618	1.019
8/16/2017 1:30	531000	64.953	17.153	146.314	34933.168	41091.578	26.467	27.942	28.626	1.019
8/16/2017 1:45	531900	64.954	17.154	146.314	34933.301	41091.574	26.467	27.942	28.626	1.019
8/16/2017 2:00	532800	64.952	17.153	146.312	34929.965	41087.883	26.464	27.94	28.629	1.019
8/16/2017 2:15	533700	64.951	17.153	146.308	34941.309	41101.316	26.474	27.949	28.619	1.019
8/16/2017 2:30	534600	64.951	17.153	146.308	34917.82	41073.441	26.454	27.93	28.639	1.019
8/16/2017 2:45	535500	64.949	17.153	146.305	34924.723	41081.645	26.459	27.936	28.633	1.019
8/16/2017 3:00	536400	64.954	17.153	146.316	34940.313	41100.055	26.473	27.948	28.62	1.019
8/16/2017 3:15	537300	64.954	17.153	146.316	34940.379	41100.387	26.473	27.948	28.62	1.019
8/16/2017 3:30	538200	64.956	17.153	146.319	34941.508	41101.551	26.474	27.949	28.619	1.019
8/16/2017 3:45	539100	64.963	17.153	146.336	34948.004	41109.102	26.479	27.954	28.614	1.019
8/16/2017 4:00	540000	64.963	17.153	146.336	34944.445	41105.082	26.476	27.951	28.617	1.019
8/16/2017 4:15	540900	64.963	17.153	146.336	34945.363	41105.996	26.477	27.952	28.616	1.019
8/16/2017 4:30	541800	64.964	17.153	146.338	34949.52	41110.813	26.48	27.955	28.613	1.019
8/16/2017 4:45	542700	64.963	17.153	146.335	34948.395	41109.73	26.48	27.955	28.614	1.019
8/16/2017 5:00	543600	64.969	17.153	146.348	34952.484	41114.461	26.483	27.958	28.61	1.019
8/16/2017 5:15	544500	64.974	17.153	146.361	34929.609	41087.395	26.464	27.939	28.629	1.019
8/16/2017 5:30	545400	64.975	17.153	146.362	34954.941	41117.516	26.485	27.96	28.608	1.019
8/16/2017 5:45	546300	64.974	17.153	146.361	34943.016	41103.566	26.475	27.95	28.618	1.019
8/16/2017 6:00	547200	64.983	17.153	146.381	34931.68	41090.23	26.466	27.941	28.627	1.019
8/16/2017 6:15	548100	64.987	17.153	146.39	34955.102	41117.781	26.485	27.96	28.608	1.019
8/16/2017 6:30	549000	64.986	17.153	146.388	34931.285	41089.691	26.465	27.941	28.628	1.019
8/16/2017 6:45	549900	64.991	17.153	146.399	34931.879	41090.301	26.466	27.941	28.627	1.019
8/16/2017 7:00	550800	64.994	17.153	146.405	34928.867	41086.52	26.463	27.939	28.63	1.019
8/16/2017 7:15	551700	64.991	17.153	146.399	34939.762	41099.25	26.472	27.947	28.621	1.019
8/16/2017 7:30	552600	64.996	17.154	146.41	34945.813	41106.207	26.477	27.952	28.616	1.019
8/16/2017 7:45	553500	64.992	17.153	146.402	34932.023	41090.957	26.466	27.942	28.627	1.019
8/16/2017 8:00	554400	64.993	17.153	146.404	34917.465	41073.348	26.454	27.93	28.639	1.019
8/16/2017 8:15	555300	64.998	17.153	146.413	34954.652	41117.012	26.485	27.96	28.608	1.019
8/16/2017 8:30	556200	64.998	17.153	146.415	34950.941	41112.484	26.482	27.956	28.612	1.019
8/16/2017 8:45	557100	64.998	17.153	146.413	34934.359	41093.383	26.468	27.944	28.625	1.019
8/16/2017 9:00	558000	64.998	17.153	146.413	34919.102	41075.438	26.455	27.931	28.638	1.019
8/16/2017 9:15	558900	64.997	17.154	146.413	34934.141	41092.402	26.467	27.943	28.625	1.019
8/16/2017 9:30	559800	64.998	17.153	146.415	34934.148	41093.211	26.468	27.943	28.625	1.019
8/16/2017 9:45	560700	64.997	17.153	146.413	34942.266	41103.008	26.475	27.95	28.619	1.019
8/16/2017 10:00	561600	64.993	17.154	146.402	34945.145	41105.504	26.477	27.952	28.616	1.019
8/16/2017 10:15	562500	64.994	17.153	146.405	34948.539	41109.66	26.479	27.955	28.613	1.019
8/16/2017 10:30	563400	64.994	17.154	146.404	34948.84	41109.77	26.48	27.955	28.613	1.019
8/16/2017 10:45	564300	64.99	17.153	146.396	34923.285	41080.191	26.458	27.935	28.634	1.019
8/16/2017 11:00	565200	64.988	17.153	146.392	34935.121	41093.875	26.468	27.944	28.624	1.019
8/16/2017 11:15	566100	64.986	17.153	146.387	34923.031	41079.727	26.458	27.934	28.634	1.019
8/16/2017 11:30	567000	64.983	17.153	146.382	34954.379	41117.094	26.485	27.96	28.609	1.019
8/16/2017 11:45	567900	64.985	17.153	146.384	34932.039	41090.414	26.466	27.941	28.627	1.019
8/16/2017 12:00	568800	64.984	17.153	146.384	34925.961	41083.31	26.461	27.937	28.632	1.019
8/16/2017 12:15	569700	64.985	17.153	146.384	34934.797	41093.734	26.468	27.944	28.625	1.019
8/16/2017 12:30	570600	64.984	17.153	146.384	34962.934	41126.996	26.492	27.966	28.602	1.019
8/16/2017 12:45	571500	64.984	17.153	146.382	34944.246	41104.609	26.476	27.951	28.617	1.019
8/16/2017 13:00	572400	64.98	17.153	146.375	34917.883	41074.164	26.454	27.93	28.639	1.019
8/16/2017 13:15	573300	64.984	17.153	146.382	34912.184	41066.895	26.449	27.925	28.643	1.019
8/16/2017 13:30	574200	64.987	17.153	146.39	34916.969	41072.762	26.453	27.929	28.639	1.019
8/16/2017 13:45	575100	64.984	17.153	146.382	34934.32	41092.394	26.468	27.943	28.625	1.019
8/16/2017 14:00	576000	64.981	17.153	146.376	34942.484	41102.699	26.475	27.95	28.618	1.019
8/16/2017 14:15	576900	64.989	17.153	146.394	34939.871	41099.535	26.472	27.948	28.621	1.019
8/16/2017 14:30	577800	64.99	17.153	146.396	34928.621	41086.305	26.463	27.939	28.63	1.019
8/16/2017 14:45	578700	64.995	17.153	146.407	34919.977	41075.98	26.455	27.932	28.637	1.019
8/16/2017 15:00	579600	64.995	17.154	146.407	34934.785	41093.238	26.468	27.943	28.625	1.019
8/16/2017 15:15	580500	64.998	17.153	146.414	34920.441	41076.609	26.456	27.932	28.637	1.019
8/16/2017 15:30	581400	65.002	17.153	146.424	34916.742	41072.418	26.453	27.929	28.64	1.019
8/16/2017 15:45	582300	65.003	17.153	146.425	34922.973	41079.504	26.458	27.934	28.634	1.019
8/16/2017 16:00	583200	65.013	17.153	146.448	34948.172	41109.227	26.479	27.954	28.614	1.019
8/16/2017 16:15	584100	65.014	17.153	146.449	34927.383	41084.691	26.462	27.938	28.631	1.019
8/16/2017 16:30	585000	65.018	17.153	146.46	34947.543	41108.969	26.479	27.954	28.614	1.019
8/16/2017 16:45	585900	65.024	17.154	146.472	34946.109	41106.48	26.477	27.952	28.615	1.019
8/16/2017 17:00	586800	65.026	17.154	146.478	34944.883	41105.199	26.476	27.952	28.616	1.019
8/16/2017 17:15	587700	65.03	17.153	146.485	34940.531	41100.402	26.473	27.948	28.62	1.019
8/16/2017 17:30	588600	65.033	17.153	146.494	34937.211	41096.336	26.47	27.946	28.623	1.019
8/16/2017 17:45	589500	65.037	17.154	146.503	34944.09	41104.266	26.476	27.951	28.617	1.019
8/16/2017 18:00	590400	65.044	17.153	146.519	34952.816	41114.762	26.483	27.958	28.61	1.019
8/16/2017 18:15	591300	65.049	17.153	146.528	34947.918	41108.93	26.479	27.954	28.614	1.019
8/16/2017 18:30	592200	65.046	17.153	146.523	34937.676	41097.121	26.471	27.946	28.622	1.019
8/16/2017 18:45	593100	65.052	17.153	146.535	34924.184	41081.414	26.459	27.935	28.633	1.019
8/16/2017 19:00	594000	65.052	17.153	146.536	34938.453	41098.199	26.471	27.947	28.622	1.019
8/16/2017 19:15	594900	65.053	17.154	146.538	34943.445	41103.508	26.475	27.95	28.618	1.019
8/16/2017 19:30	595800	65.056	17.154	146.544	34939.785	41098.949	26.472	27.947	28.621	1.019
8/16/2017 19:45	596700	65.059	17.154	146.553	34931.477	41088.859	26.465	27.94	28.627	1.019
8/16/2017 20:00	597600	65.053	17.153	146.538	34929.891	41087.641	26.464	27.94	28.629	1.019
8/16/2017 20:15	598500	65.052	17.154	146.535	34945.277	41105.41	26.476	27.952	28.616	1.019
8/16/2017 20:30	599400	65.053	17.153	146.538	34957	41119.527	26.487	27.961	28.607	1.019
8/16/2017 20:45	600300	65.056	17.153	146.544	34924.184	41080.926	26.459	27.935	28.633	1.019
8/16/2017 21:00	601200	65.051	17.153	146.534	34916.906	41072.449	26.453	27.929	28.639	1.019
8/16/2017 21:15	602100	65.045	17.154	146.521	34939.84	41099.266	26.472	27.948	28.621	1.019
8/16/2017 21:30	603000	65.044	17.153	146.518	34929.113	41087.047	26.463	27.939	28.629	1.019
8/16/2017 21:45	603900	65.037	17.154	146.503	34916.859	41071.98	26.453	27.929	28.639	1.019
8/16/2017 22:00	604800	65.037	17.154	146.503	34935.883	41094.609	26.469	27.944	28.624	1.019
8/16/2017 22:15	605700	65.035	17.154	146.497	34926.051	41082.961	26.46	27.936	28.632	1.019
8/16/2017 22:30	606600	65.03	17.154	146.485	34942.211	41101.484	26.474	27.949	28.619	1.019
8/16/2017 22:45	607500	65.024	17.154	146.472	34941.199	41100.371	26.473	27.948	28.62	1.019
8/16/2017 23:00	608400	65.016	17.154	146.455	34941.633	41101.375	26.474	27.949	28.619	1.019
8/16/2017 23:15	609300	65.014	17.154	146.451	34945.926	41106.34	26.477	27.952	28.616	1.019

8/10/2017 10:00	43200	18.964	17.333	42.718	36146.363	42347.484	27.374	28.796	27.665	1.02
8/10/2017 10:15	44100	18.967	17.334	42.726	36118.785	42314.934	27.374	28.774	27.686	1.02
8/10/2017 10:30	45000	18.972	17.333	42.736	36136.879	42336.297	27.366	28.789	27.673	1.02
8/10/2017 10:45	45900	18.965	17.333	42.72	36142.77	42343.273	27.371	28.793	27.668	1.02
8/10/2017 11:00	46800	18.966	17.334	42.723	36112.16	42306.672	27.344	28.769	27.692	1.02
8/10/2017 11:15	47700	18.97	17.333	42.731	36126.246	42323.746	27.357	28.78	27.681	1.02
8/10/2017 11:30	48600	18.969	17.334	42.731	36104.152	42297.379	27.338	28.762	27.698	1.02
8/10/2017 11:45	49500	18.971	17.334	42.733	36106.684	42300.586	27.34	28.764	27.696	1.02
8/10/2017 12:00	50400	18.969	17.333	42.73	36096.363	42288.832	27.332	28.756	27.704	1.02
8/10/2017 12:15	51300	18.969	17.334	42.728	36138.57	42337.852	27.367	28.79	27.671	1.02
8/10/2017 12:30	52200	18.967	17.334	42.726	36106.152	42299.633	27.339	28.764	27.696	1.02
8/10/2017 12:45	53100	18.965	17.334	42.722	36126.801	42324.23	27.357	28.78	27.68	1.02
8/10/2017 13:00	54000	18.963	17.333	42.716	36082.266	42272.316	27.32	28.745	27.714	1.02
8/10/2017 13:15	54900	18.969	17.333	42.728	36089.531	42280.828	27.326	28.751	27.709	1.02
8/10/2017 13:30	55800	18.968	17.333	42.727	36099.453	42293.02	27.335	28.759	27.701	1.02
8/10/2017 13:45	56700	18.967	17.333	42.725	36109.691	42304.945	27.343	28.767	27.693	1.02
8/10/2017 14:00	57600	18.966	17.333	42.723	36121.895	42319.242	27.353	28.777	27.684	1.02
8/10/2017 14:15	58500	18.966	17.333	42.724	36101.477	42295.566	27.336	28.761	27.7	1.02
8/10/2017 14:30	59400	18.964	17.333	42.718	36128.734	42327.324	27.359	28.783	27.679	1.02
8/10/2017 14:45	60300	18.966	17.333	42.723	36112.023	42307.922	27.345	28.769	27.692	1.02
8/10/2017 15:00	61200	18.969	17.332	42.73	36078.148	42268.652	27.317	28.743	27.718	1.02
8/10/2017 15:15	62100	18.963	17.333	42.716	36126.078	42323.977	27.357	28.78	27.681	1.02
8/10/2017 15:30	63000	18.969	17.332	42.728	36154.664	42358.379	27.381	28.804	27.659	1.02
8/10/2017 15:45	63900	18.968	17.332	42.726	36107.547	42303.176	27.342	28.766	27.695	1.02
8/10/2017 16:00	64800	18.958	17.332	42.704	36126.246	42325.5	27.358	28.781	27.681	1.02
8/10/2017 16:15	65700	18.961	17.333	42.711	36150.324	42352.793	27.377	28.8	27.662	1.02
8/10/2017 16:30	66600	18.96	17.332	42.71	36131.824	42331.371	27.362	28.785	27.676	1.02
8/10/2017 16:45	67500	18.958	17.332	42.705	36132.156	42331.762	27.362	28.786	27.676	1.02
8/10/2017 17:00	68400	18.96	17.332	42.709	36106.836	42302	27.341	28.765	27.696	1.02
8/10/2017 17:15	69300	18.963	17.333	42.716	36132.941	42332.348	27.363	28.786	27.676	1.02
8/10/2017 17:30	70200	18.962	17.333	42.713	36107.047	42301.918	27.341	28.765	27.695	1.02
8/10/2017 17:45	71100	18.957	17.332	42.702	36120.121	42318.074	27.352	28.776	27.685	1.02
8/10/2017 18:00	72000	18.956	17.332	42.701	36118.332	42316.063	27.351	28.775	27.687	1.02
8/10/2017 18:15	72900	18.954	17.333	42.695	36120.164	42317.461	27.352	28.776	27.685	1.02
8/10/2017 18:30	73800	18.958	17.332	42.706	36099.414	42293.734	27.335	28.76	27.701	1.02
8/10/2017 18:45	74700	18.954	17.332	42.695	36106.711	42301.785	27.341	28.765	27.696	1.02
8/10/2017 19:00	75600	18.958	17.332	42.705	36120.023	42317.379	27.352	28.776	27.685	1.02
8/10/2017 19:15	76500	18.959	17.333	42.708	36104.43	42298.852	27.339	28.763	27.697	1.02
8/10/2017 19:30	77400	18.951	17.333	42.69	36107.859	42302.965	27.342	28.766	27.695	1.02
8/10/2017 19:45	78300	18.957	17.332	42.702	36098.176	42291.855	27.334	28.758	27.702	1.02
8/10/2017 20:00	79200	18.951	17.332	42.689	36123.07	42321.281	27.355	28.778	27.683	1.02
8/10/2017 20:15	80100	18.958	17.333	42.705	36117.688	42314.383	27.35	28.774	27.687	1.02
8/10/2017 20:30	81000	18.954	17.333	42.695	36118.266	42315.234	27.35	28.774	27.687	1.02
8/10/2017 20:45	81900	18.953	17.333	42.694	36123.18	42320.66	27.354	28.778	27.683	1.02
8/10/2017 21:00	82800	18.956	17.333	42.7	36148.699	42350.813	27.376	28.799	27.664	1.02
8/10/2017 21:15	83700	18.955	17.333	42.698	36107.344	42302.359	27.341	28.766	27.695	1.02
8/10/2017 21:30	84600	18.96	17.333	42.708	36123.199	42320.516	27.354	28.778	27.683	1.02
8/10/2017 21:45	85500	18.954	17.333	42.696	36101.707	42295.59	27.336	28.761	27.7	1.02
8/10/2017 22:00	86400	18.953	17.333	42.694	36129.242	42328.016	27.36	28.783	27.678	1.02
8/10/2017 22:15	87300	18.952	17.334	42.692	36114.012	42309.246	27.346	28.77	27.69	1.02
8/10/2017 22:30	88200	18.952	17.332	42.691	36111.652	42307.813	27.345	28.769	27.692	1.02
8/10/2017 22:45	89100	18.957	17.333	42.702	36131.074	42329.742	27.361	28.784	27.677	1.02
8/10/2017 23:00	90000	18.958	17.333	42.706	36137.996	42337.605	27.367	28.79	27.672	1.02
8/10/2017 23:15	90900	18.955	17.333	42.698	36108.023	42302.566	27.341	28.766	27.695	1.02
8/10/2017 23:30	91800	18.955	17.333	42.697	36123.035	42320.578	27.354	28.778	27.683	1.02
8/10/2017 23:45	92700	18.954	17.333	42.696	36128.047	42326.613	27.359	28.782	27.679	1.02
8/11/2017 0:00	93600	18.957	17.334	42.702	36084.758	42274.977	27.322	28.747	27.713	1.02
8/11/2017 0:15	94500	18.96	17.333	42.708	36121.805	42318.883	27.353	28.777	27.684	1.02
8/11/2017 0:30	95400	18.961	17.333	42.711	36132.227	42331.18	27.362	28.785	27.676	1.02
8/11/2017 0:45	96300	18.963	17.332	42.716	36118.07	42315.258	27.35	28.774	27.687	1.02
8/11/2017 1:00	97200	18.962	17.333	42.713	36130.773	42329.391	27.361	28.784	27.677	1.02
8/11/2017 1:15	98100	18.96	17.332	42.71	36116.816	42313.695	27.349	28.773	27.688	1.02
8/11/2017 1:30	99000	18.96	17.332	42.71	36125.836	42325.094	27.357	28.781	27.681	1.02
8/11/2017 1:45	99900	18.963	17.332	42.715	36143.301	42345.23	27.372	28.795	27.668	1.02
8/11/2017 2:00	100800	18.964	17.331	42.719	36104.086	42300.449	27.34	28.764	27.698	1.02
8/11/2017 2:15	101700	18.964	17.329	42.718	36119.492	42320.238	27.354	28.778	27.686	1.02
8/11/2017 2:30	102600	18.961	17.33	42.711	36126.633	42327.191	27.359	28.782	27.68	1.02
8/11/2017 2:45	103500	18.959	17.33	42.707	36121.117	42320.648	27.354	28.778	27.685	1.02
8/11/2017 3:00	104400	18.966	17.33	42.722	36126.359	42327.383	27.359	28.783	27.681	1.02
8/11/2017 3:15	105300	18.962	17.328	42.713	36144.141	42349.527	27.375	28.798	27.667	1.02
8/11/2017 3:30	106200	18.96	17.327	42.708	36141.09	42346.789	27.373	28.796	27.669	1.02
8/11/2017 3:45	107100	18.967	17.328	42.725	36133.074	42336.988	27.366	28.789	27.675	1.02
8/11/2017 4:00	108000	18.96	17.327	42.709	36120.496	42323.078	27.356	28.78	27.685	1.02
8/11/2017 4:15	108900	18.965	17.327	42.72	36153.184	42361.379	27.383	28.806	27.66	1.02
8/11/2017 4:30	109800	18.96	17.327	42.708	36119.246	42321.527	27.355	28.779	27.686	1.02
8/11/2017 4:45	110700	18.966	17.328	42.724	36151.879	42359.113	27.382	28.804	27.661	1.02
8/11/2017 5:00	111600	18.966	17.328	42.723	36118.344	42319.563	27.353	28.777	27.687	1.02
8/11/2017 5:15	112500	18.964	17.325	42.718	36111.309	42313.969	27.349	28.774	27.692	1.02
8/11/2017 5:30	113400	18.965	17.327	42.72	36160.27	42369.43	27.389	28.811	27.655	1.02
8/11/2017 5:45	114300	18.966	17.328	42.724	36150.41	42357.465	27.38	28.803	27.662	1.02
8/11/2017 6:00	115200	18.967	17.327	42.726	36163.664	42373.238	27.392	28.814	27.652	1.02
8/11/2017 6:15	116100	18.963	17.327	42.716	36156.535	42365.809	27.386	28.809	27.658	1.02
8/11/2017 6:30	117000	18.964	17.326	42.718	36153.953	42362.949	27.384	28.807	27.659	1.02
8/11/2017 6:45	117900	18.964	17.326	42.718	36141.852	42349.012	27.374	28.797	27.669	1.02
8/11/2017 7:00	118800	18.965	17.325	42.721	36172.355	42385.422	27.4	28.822	27.645	1.02
8/11/2017 7:15	119700	18.964	17.326	42.718	36137.461	42343.789	27.371	28.794	27.672	1.02
8/11/2017 7:30	120600	18.964	17.326	42.719	36205.125	42422.906	27.427	28.848	27.62	1.02
8/11/2017 7:45	121500	18.967	17.326	42.724	36169.902	42381.883	27.398	28.82	27.647	1.02
8/11/2017 8:00	122400	18.963	17.326	42.715	36153.074	42362.164	27.384	28.806	27.66	1.02
8/11/2017 8:15	123300	18.965	17.326	42.721	36158.141	42367.855	27.388	28.81	27.656	1.02
8/11/2017 8:30	124200	18.964	17.326	42.719	36156.848	42366.586	27.387	28.809		

8/12/2017 6:30	203400	18.95	17.328	42.687	36120.809	42322.117	27.355	28.779	27.685	1.02
8/12/2017 6:45	204300	18.954	17.328	42.695	36118.855	42320.078	27.354	28.778	27.686	1.02
8/12/2017 7:00	205200	18.954	17.328	42.695	36156.555	42364.594	27.386	28.808	27.658	1.02
8/12/2017 7:15	206100	18.959	17.329	42.708	36143.039	42348.082	27.374	28.797	27.668	1.02
8/12/2017 7:30	207000	18.956	17.328	42.7	36126.371	42329.055	27.36	28.784	27.681	1.02
8/12/2017 7:45	207900	18.955	17.327	42.699	36147.012	42353.813	27.378	28.801	27.665	1.02
8/12/2017 8:00	208800	18.956	17.328	42.699	36170.816	42381.539	27.398	28.819	27.647	1.02
8/12/2017 8:15	209700	18.957	17.328	42.703	36156.391	42364.305	27.385	28.808	27.658	1.02
8/12/2017 8:30	210600	18.954	17.327	42.696	36144.898	42351.418	27.376	28.799	27.666	1.02
8/12/2017 8:45	211500	18.957	17.327	42.702	36142.969	42349.078	27.374	28.797	27.668	1.02
8/12/2017 9:00	212400	18.955	17.329	42.698	36139.465	42343.809	27.371	28.794	27.671	1.02
8/12/2017 9:15	213300	18.96	17.33	42.708	36146.57	42351.137	27.376	28.799	27.665	1.02
8/12/2017 9:30	214200	18.954	17.331	42.696	36173.109	42380.984	27.398	28.819	27.645	1.02
8/12/2017 9:45	215100	18.956	17.332	42.699	36141.863	42343.711	27.371	28.794	27.669	1.02
8/12/2017 10:00	216000	18.948	17.333	42.683	36150.91	42353.148	27.378	28.8	27.662	1.02
8/12/2017 10:15	216900	18.954	17.333	42.695	36140.121	42340.094	27.368	28.791	27.67	1.02
8/12/2017 10:30	217800	18.952	17.334	42.692	36163.227	42366.414	27.387	28.809	27.652	1.02
8/12/2017 10:45	218700	18.951	17.335	42.689	36174.043	42378.664	27.396	28.817	27.644	1.02
8/12/2017 11:00	219600	18.95	17.335	42.686	36162.203	42364.633	27.386	28.808	27.653	1.02
8/12/2017 11:15	220500	18.952	17.335	42.691	36116.695	42311.242	27.348	28.772	27.688	1.02
8/12/2017 11:30	221400	18.951	17.335	42.689	36123.383	42318.656	27.353	28.777	27.683	1.02
8/12/2017 11:45	222300	18.952	17.335	42.69	36136.141	42333.602	27.364	28.787	27.673	1.02
8/12/2017 12:00	223200	18.95	17.336	42.687	36100.77	42291.75	27.334	28.758	27.7	1.02
8/12/2017 12:15	224100	18.951	17.336	42.688	36101.32	42292.059	27.334	28.759	27.7	1.02
8/12/2017 12:30	225000	18.945	17.335	42.676	36120.871	42315.547	27.351	28.775	27.685	1.02
8/12/2017 12:45	225900	18.951	17.336	42.69	36110.98	42303.141	27.342	28.766	27.692	1.02
8/12/2017 13:00	226800	18.952	17.336	42.692	36104.617	42295.852	27.337	28.761	27.697	1.02
8/12/2017 13:15	227700	18.952	17.336	42.69	36160.547	42361.277	27.384	28.806	27.654	1.02
8/12/2017 13:30	228600	18.949	17.336	42.684	36113.855	42306.84	27.345	28.769	27.69	1.02
8/12/2017 13:45	229500	18.951	17.336	42.688	36137.629	42334.43	27.364	28.787	27.672	1.02
8/12/2017 14:00	230400	18.949	17.336	42.684	36126.977	42322.117	27.356	28.779	27.68	1.02
8/12/2017 14:15	231300	18.949	17.336	42.685	36111.082	42303.996	27.343	28.767	27.692	1.02
8/12/2017 14:30	232200	18.946	17.335	42.677	36120.246	42314.816	27.35	28.774	27.685	1.02
8/12/2017 14:45	233100	18.949	17.336	42.684	36138.191	42335.672	27.365	28.788	27.672	1.02
8/12/2017 15:00	234000	18.952	17.335	42.69	36122.52	42317.98	27.353	28.776	27.684	1.02
8/12/2017 15:15	234900	18.95	17.335	42.687	36151.523	42351.703	27.377	28.799	27.661	1.02
8/12/2017 15:30	235800	18.95	17.335	42.686	36137.137	42334.938	27.365	28.788	27.672	1.02
8/12/2017 15:45	236700	18.946	17.335	42.677	36136.531	42334.059	27.364	28.787	27.673	1.02
8/12/2017 16:00	237600	18.946	17.334	42.679	36129.422	42326.641	27.359	28.782	27.678	1.02
8/12/2017 16:15	238500	18.946	17.334	42.679	36131.625	42329.641	27.361	28.784	27.677	1.02
8/12/2017 16:30	239400	18.946	17.335	42.677	36104.621	42297.422	27.338	28.762	27.697	1.02
8/12/2017 16:45	240300	18.944	17.335	42.674	36141.074	42340.043	27.368	28.791	27.669	1.02
8/12/2017 17:00	241200	18.948	17.334	42.682	36111.832	42306.621	27.344	28.769	27.692	1.02
8/12/2017 17:15	242100	18.941	17.334	42.666	36102.16	42295.289	27.336	28.761	27.699	1.02
8/12/2017 17:30	243000	18.951	17.334	42.69	36120.453	42316.387	27.351	28.775	27.685	1.02
8/12/2017 17:45	243900	18.946	17.335	42.677	36111.246	42305.184	27.343	28.768	27.692	1.02
8/12/2017 18:00	244800	18.942	17.334	42.669	36103.109	42296.16	27.337	28.761	27.698	1.02
8/12/2017 18:15	245700	18.94	17.334	42.664	36112.109	42306.359	27.344	28.768	27.692	1.02
8/12/2017 18:30	246600	18.945	17.334	42.676	36120.609	42316.316	27.351	28.775	27.685	1.02
8/12/2017 18:45	247500	18.952	17.335	42.692	36139.172	42337.574	27.367	28.79	27.671	1.02
8/12/2017 19:00	248400	18.945	17.334	42.675	36132.777	42330.828	27.362	28.785	27.676	1.02
8/12/2017 19:15	249300	18.947	17.335	42.681	36118.105	42313.133	27.349	28.773	27.687	1.02
8/12/2017 19:30	250200	18.947	17.334	42.679	36129.371	42326.504	27.359	28.782	27.678	1.02
8/12/2017 19:45	251100	18.946	17.335	42.678	36119.484	42314.836	27.35	28.774	27.686	1.02
8/12/2017 20:00	252000	18.942	17.335	42.668	36134.227	42332.105	27.363	28.786	27.675	1.02
8/12/2017 20:15	252900	18.946	17.335	42.677	36134.527	42332.457	27.363	28.786	27.674	1.02
8/12/2017 20:30	253800	18.945	17.335	42.676	36144.453	42343.594	27.371	28.794	27.667	1.02
8/12/2017 20:45	254700	18.945	17.334	42.676	36138.215	42337.285	27.366	28.789	27.672	1.02
8/12/2017 21:00	255600	18.941	17.334	42.666	36139.75	42338.91	27.367	28.79	27.67	1.02
8/12/2017 21:15	256500	18.941	17.334	42.666	36112.629	42306.891	27.345	28.769	27.691	1.02
8/12/2017 21:30	257400	18.945	17.334	42.676	36136.898	42335.324	27.365	28.788	27.673	1.02
8/12/2017 21:45	258300	18.945	17.334	42.675	36139.375	42338.391	27.367	28.79	27.671	1.02
8/12/2017 22:00	259200	18.945	17.335	42.675	36128.797	42325.578	27.358	28.781	27.679	1.02
8/12/2017 22:15	260100	18.945	17.334	42.675	36154.641	42356.355	27.38	28.802	27.659	1.02
8/12/2017 22:30	261000	18.945	17.334	42.675	36120.727	42316.453	27.351	28.775	27.685	1.02
8/12/2017 22:45	261900	18.942	17.334	42.67	36116.164	42311.363	27.348	28.772	27.688	1.02
8/12/2017 23:00	262800	18.941	17.335	42.666	36143.063	42341.547	27.369	28.792	27.668	1.02
8/12/2017 23:15	263700	18.944	17.335	42.674	36127.406	42323.789	27.357	28.78	27.68	1.02
8/12/2017 23:30	264600	18.94	17.335	42.664	36122.277	42317.781	27.352	28.776	27.684	1.02
8/12/2017 23:45	265500	18.943	17.335	42.671	36105.441	42298.219	27.338	28.763	27.697	1.02
8/13/2017 0:00	266400	18.944	17.335	42.672	36121.219	42316.199	27.351	28.775	27.685	1.02
8/13/2017 0:15	267300	18.941	17.335	42.666	36130.68	42327.539	27.359	28.783	27.677	1.02
8/13/2017 0:30	268200	18.945	17.335	42.676	36147.168	42346.602	27.373	28.796	27.665	1.02
8/13/2017 0:45	269100	18.947	17.335	42.679	36121.383	42316.148	27.351	28.775	27.684	1.02
8/13/2017 1:00	270000	18.944	17.336	42.673	36111.801	42304.594	27.343	28.767	27.692	1.02
8/13/2017 1:15	270900	18.948	17.335	42.682	36128.887	42325.02	27.358	28.781	27.679	1.02
8/13/2017 1:30	271800	18.944	17.336	42.672	36129.293	42325.164	27.358	28.781	27.678	1.02
8/13/2017 1:45	272700	18.946	17.335	42.679	36134.559	42331.664	27.362	28.786	27.674	1.02
8/13/2017 2:00	273600	18.944	17.335	42.672	36136.172	42333.809	27.364	28.787	27.673	1.02
8/13/2017 2:15	274500	18.946	17.336	42.677	36108.641	42301.137	27.34	28.765	27.694	1.02
8/13/2017 2:30	275400	18.942	17.335	42.668	36122.984	42318.191	27.353	28.776	27.683	1.02
8/13/2017 2:45	276300	18.948	17.336	42.681	36137.32	42334.566	27.364	28.788	27.672	1.02
8/13/2017 3:00	277200	18.94	17.335	42.664	36127.363	42323.234	27.356	28.78	27.68	1.02
8/13/2017 3:15	278100	18.946	17.335	42.678	36140.273	42338.863	27.367	28.79	27.67	1.02
8/13/2017 3:30	279000	18.944	17.335	42.673	36120.891	42315.57	27.351	28.775	27.685	1.02
8/13/2017 3:45	279900	18.945	17.335	42.676	36121.301	42316.961	27.352	28.776	27.684	1.02
8/13/2017 4:00	280800	18.947	17.335	42.681	36144.023	42343.418	27.371	28.794	27.667	1.02
8/13/2017 4:15	281700	18.943	17.335	42.671	36131.27	42328.395	27.36	28.783	27.677	1.02
8/13/2017 4:30	282600	18.944	17.334	42.674	36123.016	42319.555	27.354	28.777	27.683	1.02
8/13/2017 4:45	283500	18.945	17.334	42.675	36141.516	42341.23	27.369	28.792	27.669	1.02
8/13/2017 5:00	284400	1								

8/14/2017 3:00	363600	18.926	17.336	42.632	36096.641	42286.34	27.33	28.755	27.703	1.02
8/14/2017 3:15	364500	18.931	17.337	42.643	36082.027	42268.637	27.317	28.743	27.715	1.02
8/14/2017 3:30	365400	18.931	17.336	42.644	36069.809	42254.813	27.307	28.733	27.724	1.02
8/14/2017 3:45	366300	18.929	17.337	42.64	36091.801	42280.414	27.326	28.751	27.707	1.02
8/14/2017 4:00	367200	18.928	17.337	42.637	36084.109	42270.664	27.319	28.744	27.713	1.02
8/14/2017 4:15	368100	18.927	17.337	42.634	36059.398	42241.789	27.298	28.724	27.732	1.02
8/14/2017 4:30	369000	18.927	17.336	42.636	36096.309	42285.953	27.33	28.754	27.704	1.02
8/14/2017 4:45	369900	18.925	17.336	42.631	36078.188	42264.629	27.314	28.74	27.718	1.02
8/14/2017 5:00	370800	18.93	17.336	42.642	36077.539	42264.199	27.314	28.74	27.718	1.02
8/14/2017 5:15	371700	18.927	17.336	42.635	36055.41	42238.531	27.296	28.722	27.735	1.02
8/14/2017 5:30	372600	18.928	17.336	42.638	36088.711	42277.219	27.323	28.749	27.709	1.02
8/14/2017 5:45	373500	18.929	17.335	42.639	36097.461	42288.707	27.332	28.756	27.703	1.02
8/14/2017 6:00	374400	18.93	17.335	42.641	36088.824	42278.914	27.325	28.75	27.709	1.02
8/14/2017 6:15	375300	18.924	17.335	42.629	36084.535	42273.805	27.321	28.746	27.713	1.02
8/14/2017 6:30	376200	18.929	17.334	42.64	36071.137	42258.613	27.31	28.736	27.723	1.02
8/14/2017 6:45	377100	18.93	17.334	42.642	36078.551	42267.465	27.316	28.742	27.717	1.02
8/14/2017 7:00	378000	18.93	17.333	42.642	36065.449	42252.859	27.306	28.732	27.727	1.02
8/14/2017 7:15	378900	18.925	17.334	42.631	36093.738	42285.496	27.329	28.754	27.706	1.02
8/14/2017 7:30	379800	18.924	17.334	42.628	36071.355	42259.367	27.31	28.736	27.723	1.02
8/14/2017 7:45	380700	18.928	17.333	42.637	36097.328	42290.125	27.332	28.757	27.703	1.02
8/14/2017 8:00	381600	18.924	17.332	42.629	36109.164	42304.656	27.343	28.767	27.694	1.02
8/14/2017 8:15	382500	18.927	17.332	42.635	36078.078	42268.816	27.317	28.743	27.718	1.02
8/14/2017 8:30	383400	18.925	17.333	42.63	36075.57	42264.883	27.314	28.74	27.72	1.02
8/14/2017 8:45	384300	18.924	17.332	42.628	36077.027	42267.422	27.316	28.742	27.718	1.02
8/14/2017 9:00	385200	18.921	17.333	42.622	36083.93	42274.598	27.321	28.747	27.713	1.02
8/14/2017 9:15	386100	18.924	17.334	42.629	36098.336	42290.883	27.333	28.758	27.702	1.02
8/14/2017 9:30	387000	18.93	17.333	42.642	36119.137	42315.512	27.351	28.775	27.685	1.02
8/14/2017 9:45	387900	18.924	17.335	42.628	36096.25	42287.613	27.331	28.756	27.704	1.02
8/14/2017 10:00	388800	18.927	17.335	42.636	36120.09	42315.379	27.351	28.774	27.685	1.02
8/14/2017 10:15	389700	18.923	17.336	42.626	36120.434	42314.547	27.35	28.774	27.685	1.02
8/14/2017 10:30	390600	18.926	17.336	42.634	36113.551	42306.887	27.345	28.769	27.69	1.02
8/14/2017 10:45	391500	18.923	17.336	42.627	36087.742	42276.406	27.323	28.748	27.71	1.02
8/14/2017 11:00	392400	18.923	17.336	42.625	36090.527	42279.344	27.325	28.75	27.708	1.02
8/14/2017 11:15	393300	18.922	17.336	42.624	36133.27	42329.324	27.361	28.784	27.675	1.02
8/14/2017 11:30	394200	18.919	17.337	42.617	36081.973	42268.492	27.317	28.743	27.715	1.02
8/14/2017 11:45	395100	18.926	17.336	42.632	36115.875	42308.945	27.346	28.77	27.689	1.02
8/14/2017 12:00	396000	18.924	17.337	42.629	36102.871	42292.641	27.334	28.759	27.699	1.02
8/14/2017 12:15	396900	18.921	17.337	42.621	36088.117	42275.43	27.322	28.747	27.71	1.02
8/14/2017 12:30	397800	18.923	17.338	42.626	36095.219	42283.254	27.328	28.753	27.705	1.02
8/14/2017 12:45	398700	18.922	17.337	42.624	36093.152	42281.496	27.326	28.751	27.706	1.02
8/14/2017 13:00	399600	18.919	17.338	42.617	36062.156	42244.777	27.3	28.726	27.73	1.02
8/14/2017 13:15	400500	18.922	17.338	42.624	36072.594	42256.75	27.309	28.735	27.722	1.02
8/14/2017 13:30	401400	18.918	17.338	42.615	36084.746	42270.914	27.319	28.744	27.713	1.02
8/14/2017 13:45	402300	18.921	17.337	42.621	36078.926	42264.496	27.314	28.74	27.717	1.02
8/14/2017 14:00	403200	18.924	17.338	42.629	36048.801	42228.805	27.289	28.716	27.74	1.02
8/14/2017 14:15	404100	18.921	17.338	42.62	36069.684	42253.34	27.306	28.732	27.724	1.02
8/14/2017 14:30	405000	18.916	17.338	42.61	36069.602	42253.242	27.306	28.732	27.724	1.02
8/14/2017 14:45	405900	18.917	17.338	42.613	36089.762	42276.859	27.323	28.748	27.709	1.02
8/14/2017 15:00	406800	18.924	17.338	42.629	36072.969	42256.949	27.309	28.735	27.722	1.02
8/14/2017 15:15	407700	18.924	17.338	42.628	36103.395	42292.758	27.335	28.759	27.698	1.02
8/14/2017 15:30	408600	18.923	17.337	42.625	36055.465	42237.438	27.295	28.721	27.735	1.02
8/14/2017 15:45	409500	18.927	17.337	42.635	36058.492	42241.066	27.297	28.724	27.733	1.02
8/14/2017 16:00	410400	18.923	17.336	42.625	36078.164	42264.602	27.314	28.74	27.718	1.02
8/14/2017 16:15	411300	18.92	17.337	42.62	36055.543	42237.938	27.295	28.722	27.735	1.02
8/14/2017 16:30	412200	18.922	17.337	42.623	36095.215	42283.672	27.328	28.753	27.705	1.02
8/14/2017 16:45	413100	18.921	17.337	42.621	36049.766	42231.246	27.29	28.717	27.739	1.02
8/14/2017 17:00	414000	18.921	17.336	42.622	36075.805	42262.262	27.313	28.738	27.719	1.02
8/14/2017 17:15	414900	18.923	17.336	42.625	36048.695	42230.742	27.29	28.717	27.74	1.02
8/14/2017 17:30	415800	18.917	17.336	42.613	36060.582	42244.43	27.3	28.726	27.731	1.02
8/14/2017 17:45	416700	18.918	17.336	42.614	36084.902	42272.922	27.32	28.746	27.712	1.02
8/14/2017 18:00	417600	18.917	17.335	42.612	36094.918	42285.969	27.33	28.754	27.705	1.02
8/14/2017 18:15	418500	18.919	17.336	42.618	36098.773	42289.41	27.332	28.757	27.702	1.02
8/14/2017 18:30	419400	18.923	17.335	42.627	36068.648	42254.613	27.307	28.733	27.725	1.02
8/14/2017 18:45	420300	18.917	17.335	42.612	36101.191	42292.492	27.334	28.759	27.7	1.02
8/14/2017 19:00	421200	18.92	17.334	42.618	36058.648	42243.727	27.299	28.726	27.733	1.02
8/14/2017 19:15	422100	18.922	17.334	42.623	36082.656	42272.512	27.32	28.745	27.714	1.02
8/14/2017 19:30	423000	18.918	17.334	42.616	36036.277	42218.105	27.281	28.708	27.75	1.02
8/14/2017 19:45	423900	18.918	17.332	42.615	36101.488	42295.734	27.336	28.761	27.7	1.02
8/14/2017 20:00	424800	18.916	17.333	42.611	36059.367	42246.23	27.301	28.727	27.732	1.02
8/14/2017 20:15	425700	18.92	17.333	42.62	36075.141	42264.465	27.314	28.74	27.72	1.02
8/14/2017 20:30	426600	18.92	17.333	42.618	36106.551	42301.43	27.341	28.765	27.696	1.02
8/14/2017 20:45	427500	18.915	17.332	42.607	36086.93	42278.68	27.324	28.75	27.711	1.02
8/14/2017 21:00	428400	18.913	17.332	42.603	36064.176	42252.281	27.305	28.732	27.728	1.02
8/14/2017 21:15	429300	18.918	17.332	42.615	36069.809	42259.215	27.31	28.736	27.724	1.02
8/14/2017 21:30	430200	18.918	17.332	42.616	36085.234	42277.367	27.323	28.749	27.712	1.02
8/14/2017 21:45	431100	18.918	17.332	42.614	36089.859	42282.371	27.327	28.752	27.709	1.02
8/14/2017 22:00	432000	18.914	17.331	42.605	36133.516	42334.188	27.364	28.787	27.675	1.02
8/14/2017 22:15	432900	18.919	17.33	42.617	36078.734	42271.07	27.319	28.744	27.717	1.02
8/14/2017 22:30	433800	18.912	17.33	42.602	36106.27	42303.332	27.342	28.766	27.696	1.02
8/14/2017 22:45	434700	18.918	17.332	42.614	36094.797	42287.895	27.331	28.756	27.705	1.02
8/14/2017 23:00	435600	18.916	17.332	42.61	36088.48	42281.254	27.326	28.751	27.71	1.02
8/14/2017 23:15	436500	18.912	17.333	42.602	36096.828	42290.039	27.332	28.757	27.703	1.02
8/14/2017 23:30	437400	18.918	17.332	42.615	36092.145	42285.219	27.329	28.754	27.707	1.02
8/14/2017 23:45	438300	18.913	17.333	42.604	36098.387	42291.535	27.333	28.758	27.702	1.02
8/15/2017 0:00	439200	18.913	17.335	42.604	36072.355	42259.621	27.311	28.737	27.722	1.02
8/15/2017 0:15	440100	18.914	17.335	42.606	36097.508	42288.258	27.331	28.756	27.703	1.02
8/15/2017 0:30	441000	18.916	17.336	42.61	36074.332	42260.699	27.312	28.737	27.721	1.02
8/15/2017 0:45	441900	18.918	17.336	42.616	36111.633	42304.477	27.343	28.767	27.692	1.02
8/15/2017 1:00	442800	18.916	17.336	42.61	36086.918	42275.363	27.322	28.747	27.711	1.02
8/15/2017 1:15	443700	18.913	17.337	42.603	36071.82	42256.934	27.309	28.735	27.722	1.02
8/15/2017 1:30	444600	18.912	17.336</							

8/15/2017 23:30	523800	18.917	17.329	42.612	36074.41	42267.586	27.316	28.742	27.72	1.02
8/15/2017 23:45	524700	18.915	17.329	42.608	36108.305	42307.059	27.344	28.769	27.694	1.02
8/16/2017 0:00	525600	18.917	17.33	42.612	36137.723	42340.438	27.368	28.792	27.672	1.02
8/16/2017 0:15	526500	18.914	17.328	42.605	36109.156	42308.629	27.345	28.77	27.694	1.02
8/16/2017 0:30	527400	18.908	17.33	42.591	36122.188	42322.156	27.355	28.779	27.684	1.02
8/16/2017 0:45	528300	18.915	17.328	42.608	36080.473	42274.93	27.321	28.747	27.716	1.02
8/16/2017 1:00	529200	18.91	17.329	42.597	36108.004	42306.777	27.344	28.769	27.695	1.02
8/16/2017 1:15	530100	18.913	17.329	42.603	36107.59	42305.961	27.344	28.768	27.695	1.02
8/16/2017 1:30	531000	18.914	17.33	42.606	36110.063	42308.031	27.345	28.769	27.693	1.02
8/16/2017 1:45	531900	18.914	17.329	42.605	36103.383	42301.293	27.34	28.765	27.698	1.02
8/16/2017 2:00	532800	18.919	17.331	42.617	36081.148	42273.078	27.32	28.746	27.715	1.02
8/16/2017 2:15	533700	18.917	17.333	42.613	36121.039	42318.152	27.353	28.776	27.685	1.02
8/16/2017 2:30	534600	18.914	17.334	42.606	36097.102	42288.945	27.332	28.756	27.703	1.02
8/16/2017 2:45	535500	18.921	17.336	42.621	36101.535	42292.313	27.334	28.759	27.7	1.02
8/16/2017 3:00	536400	18.916	17.337	42.611	36121.531	42315.316	27.351	28.774	27.684	1.02
8/16/2017 3:15	537300	18.917	17.336	42.612	36109.543	42301.527	27.341	28.765	27.694	1.02
8/16/2017 3:30	538200	18.915	17.336	42.609	36100.305	42290.965	27.333	28.758	27.701	1.02
8/16/2017 3:45	539100	18.918	17.336	42.614	36084.594	42272.301	27.32	28.745	27.713	1.02
8/16/2017 4:00	540000	18.917	17.336	42.613	36110.102	42302.016	27.341	28.765	27.693	1.02
8/16/2017 4:15	540900	18.92	17.337	42.618	36074.371	42259.922	27.311	28.737	27.721	1.02
8/16/2017 4:30	541800	18.921	17.337	42.621	36083.563	42270.188	27.318	28.744	27.713	1.02
8/16/2017 4:45	542700	18.922	17.336	42.623	36093.715	42282.914	27.327	28.752	27.706	1.02
8/16/2017 5:00	543600	18.919	17.337	42.617	36048.695	42229.082	27.289	28.716	27.74	1.02
8/16/2017 5:15	544500	18.921	17.337	42.62	36059.668	42242.199	27.298	28.725	27.732	1.02
8/16/2017 5:30	545400	18.918	17.337	42.616	36054.648	42236.566	27.294	28.721	27.736	1.02
8/16/2017 5:45	546300	18.926	17.337	42.634	36018.051	42193.609	27.263	28.692	27.764	1.02
8/16/2017 6:00	547200	18.922	17.338	42.623	36033.188	42210.754	27.276	28.703	27.752	1.02
8/16/2017 6:15	548100	18.924	17.338	42.629	36059.137	42241.238	27.298	28.724	27.732	1.02
8/16/2017 6:30	549000	18.923	17.338	42.625	36096.086	42284.363	27.329	28.753	27.704	1.02
8/16/2017 6:45	549900	18.922	17.338	42.623	36060.66	42242.934	27.299	28.725	27.731	1.02
8/16/2017 7:00	550800	18.922	17.337	42.623	36053.438	42235.23	27.293	28.72	27.737	1.02
8/16/2017 7:15	551700	18.923	17.337	42.625	36020.445	42196.25	27.265	28.693	27.762	1.02
8/16/2017 7:30	552600	18.923	17.337	42.627	36036.973	42215.777	27.279	28.707	27.749	1.02
8/16/2017 7:45	553500	18.921	17.337	42.622	36021.008	42196.742	27.266	28.694	27.762	1.02
8/16/2017 8:00	554400	18.923	17.337	42.626	36061.625	42244.324	27.3	28.726	27.73	1.02
8/16/2017 8:15	555300	18.92	17.338	42.619	36033.824	42211.586	27.276	28.704	27.752	1.02
8/16/2017 8:30	556200	18.926	17.336	42.634	36050.723	42232.621	27.291	28.718	27.739	1.02
8/16/2017 8:45	557100	18.927	17.336	42.636	36032.48	42211.086	27.276	28.704	27.753	1.02
8/16/2017 9:00	558000	18.926	17.337	42.632	36063.809	42247.621	27.302	28.728	27.729	1.02
8/16/2017 9:15	558900	18.926	17.337	42.632	36029.523	42207.531	27.273	28.701	27.755	1.02
8/16/2017 9:30	559800	18.926	17.336	42.632	36046.406	42227.984	27.288	28.715	27.742	1.02
8/16/2017 9:45	560700	18.923	17.336	42.626	36049.078	42231.113	27.29	28.717	27.74	1.02
8/16/2017 10:00	561600	18.924	17.335	42.629	36054.254	42237.508	27.295	28.722	27.736	1.02
8/16/2017 10:15	562500	18.924	17.335	42.629	36044.801	42226.676	27.287	28.714	27.743	1.02
8/16/2017 10:30	563400	18.925	17.334	42.63	36068.324	42255.23	27.308	28.734	27.725	1.02
8/16/2017 10:45	564300	18.929	17.334	42.639	36041.125	42223.781	27.285	28.712	27.746	1.02
8/16/2017 11:00	565200	18.922	17.333	42.624	36069.742	42257.645	27.309	28.735	27.724	1.02
8/16/2017 11:15	566100	18.923	17.334	42.626	36070.68	42258.406	27.31	28.736	27.723	1.02
8/16/2017 11:30	567000	18.925	17.333	42.631	36049.703	42234.332	27.292	28.719	27.739	1.02
8/16/2017 11:45	567900	18.928	17.334	42.637	36073.867	42261.898	27.312	28.738	27.721	1.02
8/16/2017 12:00	568800	18.92	17.334	42.619	36058.773	42243.797	27.299	28.726	27.733	1.02
8/16/2017 12:15	569700	18.923	17.334	42.626	36072.695	42260.605	27.311	28.737	27.722	1.02
8/16/2017 12:30	570600	18.921	17.334	42.622	36071.367	42258.719	27.31	28.736	27.723	1.02
8/16/2017 12:45	571500	18.927	17.334	42.634	36075.313	42263.91	27.314	28.739	27.72	1.02
8/16/2017 13:00	572400	18.922	17.334	42.624	36064.773	42251.398	27.305	28.731	27.728	1.02
8/16/2017 13:15	573300	18.922	17.335	42.624	36057.129	42241.617	27.298	28.724	27.734	1.02
8/16/2017 13:30	574200	18.923	17.335	42.627	36053.535	42237.406	27.295	28.721	27.737	1.02
8/16/2017 13:45	575100	18.924	17.335	42.628	36071.684	42258.508	27.31	28.736	27.723	1.02
8/16/2017 14:00	576000	18.929	17.336	42.639	36082.711	42270.758	27.319	28.744	27.714	1.02
8/16/2017 14:15	576900	18.921	17.336	42.621	36084.055	42272.008	27.32	28.745	27.713	1.02
8/16/2017 14:30	577800	18.925	17.336	42.629	36060.723	42244.836	27.3	28.726	27.731	1.02
8/16/2017 14:45	578700	18.922	17.336	42.623	36085.555	42273.355	27.321	28.746	27.712	1.02
8/16/2017 15:00	579600	18.927	17.337	42.634	36072.41	42257.773	27.309	28.735	27.722	1.02
8/16/2017 15:15	580500	18.923	17.336	42.626	36087.109	42275.34	27.322	28.747	27.711	1.02
8/16/2017 15:30	581400	18.924	17.337	42.629	36080.57	42267.332	27.316	28.742	27.716	1.02
8/16/2017 15:45	582300	18.925	17.337	42.63	36068.59	42253.148	27.306	28.732	27.725	1.02
8/16/2017 16:00	583200	18.926	17.337	42.634	36066.539	42250.652	27.304	28.73	27.727	1.02
8/16/2017 16:15	584100	18.919	17.337	42.617	36043.469	42223.555	27.285	28.712	27.744	1.02
8/16/2017 16:30	585000	18.92	17.337	42.62	36068.211	42252.039	27.305	28.731	27.725	1.02
8/16/2017 16:45	585900	18.921	17.336	42.621	36070.965	42256.43	27.308	28.734	27.723	1.02
8/16/2017 17:00	586800	18.927	17.337	42.634	36043.242	42223.203	27.285	28.712	27.744	1.02
8/16/2017 17:15	587700	18.927	17.337	42.636	36054.164	42235.492	27.294	28.72	27.736	1.02
8/16/2017 17:30	588600	18.923	17.336	42.625	36043.633	42224.316	27.285	28.713	27.744	1.02
8/16/2017 17:45	589500	18.923	17.337	42.627	36096.344	42285.66	27.329	28.754	27.704	1.02
8/16/2017 18:00	590400	18.921	17.337	42.621	36041.488	42221.473	27.283	28.711	27.746	1.02
8/16/2017 18:15	591300	18.923	17.337	42.626	36061.313	42244.527	27.3	28.726	27.731	1.02
8/16/2017 18:30	592200	18.924	17.336	42.629	36043.559	42224.063	27.285	28.712	27.744	1.02
8/16/2017 18:45	593100	18.922	17.337	42.624	36059.125	42241.727	27.298	28.724	27.732	1.02
8/16/2017 19:00	594000	18.921	17.337	42.621	36043.309	42223.367	27.285	28.712	27.744	1.02
8/16/2017 19:15	594900	18.922	17.338	42.624	36032.934	42210.453	27.276	28.703	27.752	1.02
8/16/2017 19:30	595800	18.923	17.337	42.627	36047.266	42227.832	27.288	28.715	27.741	1.02
8/16/2017 19:45	596700	18.919	17.336	42.617	36072.668	42258.164	27.31	28.736	27.722	1.02
8/16/2017 20:00	597600	18.92	17.337	42.619	36055.883	42237.93	27.295	28.722	27.735	1.02
8/16/2017 20:15	598500	18.92	17.336	42.62	36043.551	42224.383	27.285	28.713	27.744	1.02
8/16/2017 20:30	599400	18.924	17.336	42.628	36069.676	42255.164	27.308	28.734	27.724	1.02
8/16/2017 20:45	600300	18.924	17.336	42.628	36054.188	42236.609	27.294	28.721	27.736	1.02
8/16/2017 21:00	601200	18.923	17.336	42.627	36081.348	42268.918	27.317	28.743	27.715	1.02
8/16/2017 21:15	602100	18.924	17.335	42.628	36033.18	42213.316	27.278	28.705	27.752	1.02
8/16/2017 21:30	603000	18.927	17.333	42.636	36057.703	42243.703	27.299	28.726	27.733	1.02
8/16/2017 21:45	603900	18.918	17.335	42.616	36089.02	42279.059	27.325	28.75	27.709	1.02
8/16/2017 22:00	604800	18.9								

Report Date:	8/18/2017 9:03																																	
Report User Name:	WMassoll																																	
Report Computer Name:	WKST52																																	
Application:	WinSitu.exe																																	
Application Version:	5.6.27.1																																	
Log File Properties																																		
File Name	MPWSP MW-4D Pre Test_Append_2017-08-17_15-01-35-265.wsl																																	
Create Date	8/17/2017 15:01																																	
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: SKuiper																																		
3/3/2017 9:31 Log Download - Used Battery: 23% Used Memory: 3% User Name: SKuiper																																		
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																																		
5/25/2017 6:57 Log Download - Used Battery: 27% Used Memory: 12% User Name: AVanHaitsma Interval - Start Time: 5/17/2017 10:00:00 PM Stop Time: 5/25/2017 7:15:00 AM																																		
6/1/2017 18:00 Log Download - Used Battery: 28% Used Memory: 12% User Name: WMassoll Interval - Start Time: 4/30/2017 10:00:00 PM Stop Time: 6/1/2017 6:30:00 PM																																		
6/8/2017 17:20 Log Download - Used Battery: 28% Used Memory: 14% User Name: WMassoll Interval - Start Time: 5/31/2017 10:00:00 PM Stop Time: 6/8/2017 6:15:00 PM																																		
6/15/2017 7:04 Log Download - Used Battery: 28% Used Memory: 14% User Name: AVanHaitsma Interval - Start Time: 6/7/2017 10:00:00 PM Stop Time: 6/15/2017 4:00:00 PM																																		
6/22/2017 6:28 Log Download - Used Battery: 29% Used Memory: 15% User Name: AVanHaitsma Interval - Start Time: 6/14/2017 10:00:00 PM Stop Time: 6/22/2017 6:45:00 PM																																		
6/29/2017 15:45 Log Download - Used Battery: 29% Used Memory: 15% User Name: WMassoll Interval - Start Time: 6/21/2017 10:00:00 PM Stop Time: 6/29/2017 4:30:00 PM																																		
7/6/2017 9:11 Log Download - Used Battery: 29% Used Memory: 17% User Name: AVanHaitsma Interval - Start Time: 5/31/2017 10:00:00 PM Stop Time: 7/6/2017 10:00:00 AM																																		
7/13/2017 17:35 Log Download - Used Battery: 30% Used Memory: 17% User Name: WMassoll Interval - Start Time: 7/5/2017 10:00:00 PM Stop Time: 7/13/2017 6:30:00 PM																																		
7/20/2017 17:04 Log Download - Used Battery: 30% Used Memory: 18% User Name: WMassoll Interval - Start Time: 7/12/2017 10:00:00 PM Stop Time: 7/20/2017 6:00:00 PM																																		
7/27/2017 6:39 Log Download - Used Battery: 31% Used Memory: 18% User Name: AVanHaitsma Interval - Start Time: 7/19/2017 10:00:00 PM Stop Time: 7/27/2017 3:45:00 PM																																		
8/3/2017 6:17 Log Download - Used Battery: 31% Used Memory: 20% User Name: AVanHaitsma Interval - Start Time: 6/30/2017 10:00:00 PM Stop Time: 8/3/2017 12:30:00 PM																																		
8/10/2017 15:25 Log Download - Used Battery: 31% Used Memory: 20% User Name: WMassoll Interval - Start Time: 8/2/2017 10:00:00 PM Stop Time: 8/10/2017 4:15:00 PM																																		
8/17/2017 14:56 Log Download - Used Battery: 32% Used Memory: 21% User Name: AVanHaitsma Interval - Start Time: 8/9/2017 10:00:00 PM Stop Time: 8/17/2017 3:45:00 PM																																		
8/17/2017 15:00 Log Download - Used Battery: 32% Used Memory: 21% User Name: AVanHaitsma Interval - Start Time: 8/9/2017 10:00:00 PM Stop Time: 8/17/2017 4:00:00 PM																																		
Log Data:																																		
Record Count	741																																	
Sensors	1																																	
	1																																	
	398881 PCTD 300 PSIG (211m/692ft)																																	
Time Zone: Pacific Daylight Time																																		
Date and Time	Elapsed Time Seconds	Sensor: PCTD(G) 692ft SN#: 398881 Pressure (PSI)		Sensor: PCTD(G) 692ft SN#: 398881 Temperature (C)		Sensor: PCTD(G) 692ft SN#: 398881 Depth (ft)		Sensor: PCTD(G) 692ft SN#: 398881 Actual Conductivity (µS/cm)		Sensor: PCTD(G) 692ft SN#: 398881 Specific Conductivity (µS/cm)		Sensor: PCTD(G) 692ft SN#: 398881 Salinity (PSU)		Sensor: PCTD(G) 692ft SN#: 398881 Total Dissolved Solids (ppt)		Sensor: PCTD(G) 692ft SN#: 398881 Resistivity (ohm-cm)		Sensor: PCTD(G) 692ft SN#: 398881 Water Density (g/cm3)																
8/10/2017 0:00	7200	118.293		118.293		20.389		266.466		38599.219		42327.066		27.487		28.782		25.907																
8/10/2017 0:15	8100	118.301		118.301		20.39		266.483		38580.68		42306.113		27.472		28.768		25.92																
8/10/2017 0:30	9000	118.311		118.311		20.392		266.507		38619.074		42346.207		27.501		28.795		25.894																
8/10/2017 0:45	9900	118.322		118.322		20.389		266.531		38649.441		42381.672		27.527		28.821		25.874																
8/10/2017 1:00	10800	118.329		118.329		20.393		266.547		38606.547		42331.008		27.49		28.785		25.902																
8/10/2017 1:15	11700	118.334		118.334		20.394		266.559		38601.449		42325.027		27.486		28.781		25.906																
8/10/2017 1:30	12600	118.34		118.34		20.395		266.572		38607.352		42330.492		27.49		28.785		25.902																
8/10/2017 1:45	13500	118.322		118.322		20.397		266.533		38639.254		42364.164		27.514		28.808		25.88																
8/10/2017 2:00	14400	118.317		118.317		20.396		266.52		38660.332		42388.121		27.532		28.824		25.866																
8/10/2017 2:15	15300	118.317		118.317		20.393		266.52		38614.43		42339.652		27.496		28.791		25.897																
8/10/2017 2:30	16200	118.28		118.28		20.396		266.436		38631.43		42356.129		27.508		28.802		25.886																
8/10/2017 2:45	17100	118.286		118.286		20.392		266.45		38618.809		42345.762		27.501		28.795		25.894																
8/10/2017 3:00	18000	118.266		118.266		20.393		266.406		38634.77		42362.27		27.513		28.806		25.883																
8/10/2017 3:15	18900	118.255		118.255		20.397		266.382		38626.332		42349.848		27.504		28.798		25.889																
8/10/2017 3:30	19800	118.2		118.2		20.397		266.258		38651.379		42377.309		27.524		28.817		25.872																
8/10/2017 3:45	20700	118.215		118.215		20.395		266.291		38651.027		42378.156		27.524		28.817		25.873																
8/10/2017 4:00	21600	118.182		118.182		20.396		266.216		38621.238		42344.715		27.5		28.794		25.892																
8/10/2017 4:15	22500	118.159		118.159		20.397		266.164		38596.313		42316.543		27.48		28.775		25.909																
8/10/2017 4:30	23400	118.154		118.154		20.396		266.154		38622.551		42346.621		27.502		28.796		25.892																
8/10/2017 4:45	24300	118.104		118.104		20.395		266.041		38654.508		42382.359		27.527		28.82		25.87																
8/10/2017 5:00	25200	118.08		118.08		20.393		265.986		38615.02		42340.613		27.497		28.792		25.897																
8/10/2017 5:15	26100	118.062		118.062		20.397		265.946		38607.094		42328.902		27.489		28.784		25.902																
8/10/2017 5:30	27000	118.039		118.039		20.393		265.895		38630.641		42357.969		27.51		28.803		25.886																
8/10/2017 5:45	27900	118.008		118.008		20.391		265.825		38614.691		42342.559		27.498		28.793		25.897																
8/10/2017 6:00	28800	117.988		117.988		20.391		265.779		38616.379		42344.105		27.5		28.794		25.896																
8/10/2017 6:15	29700	117.965		117.965		20.392		265.729		38601.785		42327.414		27.488		28.783		25.906																
8/10/2017 6:30	30600	117.948		117.948		20.39		265.688		38581.43		42306.625		27.473		28.769		25.919																
8/10/2017 6:45	31500	117.919		117.919		20.389		265.624		38601.285		42328.793		27.488		28.784		25.906																
8/10/2017 7:00	32400	117.915		117.915		20.389		265.614		38609.211		42338.254		27.495		28.79		25.901																
8/10/2017 7:15	33300	117.9		117.9		20.389		265.582		38600.102		42328.035		27.488		28.783		25.907																
8/10/2017 7:30	34200	117.873		117.873		20.388		265.52		38632.285		42364.023		27.514		28.808		25.885																
8/10/2017 7:45	35100	117.862		117.862		20.391		265.496		38640.891		42370.512		27.519		28.812		25.879																
8/10/2017 8:00	36000	117.849		117.849		20.39		265.466		38622.363		42351.438		27.505		28.799		25.892																
8/10/2017 8:15	36900	117.859		117.859		20.392		265.488		38636.824		42365.441		27.512		28.809		25.882																
8/10/2017 8:30	37800	117.854		117.854		20.395		265.478		38635.336		42361.645		27.512		28.806		25.883																
8/10/2017 8:45	38700	117.852		117.852		20.407		265.472		38605.926		42318.352		27.482		28.776		25.903																
8/10/2017 9:00	39600	117.847		117.847		20.41		265.463		38611.336		42321.438		27.484		28.779		25.899																
8/10/2017 9:15	40500	117.855		117.855		20.41		265.48		38638.629		42351.969		27.506		28.799		25.881																
8/10/2017 9:30	41400	117.859		117.859		20.408		265.488		38606.953		42318.637		27.482		28.777		25.902																
8/10/2017 9:45	42300	117.883		117.883		20.406		265.543		38614.234		42328.082		27.489		28.783		25.897																
8/10/2017 10:00	43200	117.884		117.884		20.408		265.546		38581.195		42290.551		27.462		28.758		25.919																
8/10/2017 10:15	44100	117.907		117.907		20.407		265.597		38608.285		42321.328		27.484		28.779		25.901																
8/10/2017 10:30	45000	117.932		117.932		20.412		265.653		38604.785		42312.934		27.478		28.773		25.904																
8/10/2017 10:45	45900	117.95		117.95		20.404		265.694		38642.016		42360.777		27.512		28.805		25.879																
8/10/2017 11:00	46800	117.957		117.957		20.401		265.71		38635.051		42355.766		27.508		28.802		25.883																
8/10/2017 11:15	47700	117.984		117.984		20.412		265.77		38567.973		42272.66		27.449		28.745		25.928																
8/10/2017 11:30	48600	118.015		118.015		20.407		265.841		38595.285		42306.688		27.473																				

8/10/2017 18:45	74700	118.06	20.393	265.942	38627.195	42353.961	27.507	28.801	25.888	1.019
8/10/2017 19:00	75600	118.046	20.391	265.911	38651.203	42381.82	27.527	28.82	25.872	1.019
8/10/2017 19:15	76500	118.03	20.389	265.874	38651.871	42384.648	27.529	28.822	25.872	1.019
8/10/2017 19:30	77400	118.027	20.387	265.866	38609.93	42340.199	27.497	28.791	25.9	1.019
8/10/2017 19:45	78300	118.033	20.388	265.882	38605.547	42335.008	27.493	28.788	25.903	1.019
8/10/2017 20:00	79200	118.038	20.391	265.892	38641.215	42371.641	27.519	28.813	25.879	1.019
8/10/2017 20:15	80100	118.028	20.388	265.868	38603.008	42331.918	27.491	28.786	25.905	1.019
8/10/2017 20:30	81000	118.023	20.388	265.859	38643.422	42376.621	27.523	28.816	25.878	1.019
8/10/2017 20:45	81900	118.04	20.389	265.897	38579.094	42304.613	27.471	28.767	25.921	1.019
8/10/2017 21:00	82800	118.051	20.39	265.922	38639.43	42370.078	27.518	28.812	25.88	1.019
8/10/2017 21:15	83700	118.058	20.389	265.937	38602.074	42329.969	27.489	28.784	25.905	1.019
8/10/2017 21:30	84600	118.053	20.386	265.927	38640.145	42374.184	27.521	28.814	25.88	1.019
8/10/2017 21:45	85500	118.066	20.387	265.955	38622.145	42353.594	27.506	28.8	25.892	1.019
8/10/2017 22:00	86400	118.088	20.388	266.005	38621.168	42352.063	27.505	28.799	25.893	1.019
8/10/2017 22:15	87300	118.096	20.387	266.023	38617.094	42348.137	27.502	28.797	25.895	1.019
8/10/2017 22:30	88200	118.101	20.386	266.035	38635.801	42369.348	27.518	28.811	25.883	1.019
8/10/2017 22:45	89100	118.139	20.387	266.119	38629.234	42361.68	27.512	28.806	25.887	1.019
8/10/2017 23:00	90000	118.148	20.388	266.139	38622.594	42353.156	27.506	28.8	25.892	1.019
8/10/2017 23:15	90900	118.155	20.389	266.156	38623.426	42353.531	27.506	28.8	25.891	1.019
8/10/2017 23:30	91800	118.166	20.389	266.181	38572.23	42297.086	27.466	28.762	25.925	1.019
8/10/2017 23:45	92700	118.186	20.386	266.225	38590.457	42320.082	27.482	28.778	25.913	1.019
8/11/2017 0:00	93600	118.187	20.389	266.228	38601.91	42329.707	27.489	28.784	25.905	1.019
8/11/2017 0:15	94500	118.213	20.389	266.286	38614.164	42343.07	27.499	28.793	25.897	1.019
8/11/2017 0:30	95400	118.221	20.391	266.305	38623.234	42351.152	27.505	28.799	25.891	1.019
8/11/2017 0:45	96300	118.236	20.391	266.338	38668.047	42400.836	27.541	28.833	25.861	1.019
8/11/2017 1:00	97200	118.241	20.389	266.35	38627.457	42357.875	27.509	28.803	25.888	1.019
8/11/2017 1:15	98100	118.255	20.391	266.382	38615.926	42343.91	27.499	28.794	25.896	1.019
8/11/2017 1:30	99000	118.261	20.393	266.394	38617.852	42343.48	27.499	28.794	25.895	1.019
8/11/2017 1:45	99900	118.266	20.394	266.406	38574.668	42295.738	27.465	28.761	25.924	1.019
8/11/2017 2:00	100800	118.272	20.393	266.418	38601.762	42325.762	27.486	28.782	25.906	1.019
8/11/2017 2:15	101700	118.271	20.391	266.416	38587.773	42312.582	27.477	28.773	25.915	1.019
8/11/2017 2:30	102600	118.264	20.396	266.402	38650.98	42377.867	27.524	28.817	25.873	1.019
8/11/2017 2:45	103500	118.264	20.392	266.401	38643.352	42372.523	27.52	28.813	25.878	1.019
8/11/2017 3:00	104400	118.24	20.392	266.347	38623.91	42350.977	27.505	28.799	25.891	1.019
8/11/2017 3:15	105300	118.249	20.395	266.367	38602.164	42324.969	27.486	28.781	25.905	1.019
8/11/2017 3:30	106200	118.225	20.393	266.314	38651.984	42381.684	27.527	28.82	25.872	1.019
8/11/2017 3:45	107100	118.21	20.393	266.279	38593.074	42316.313	27.48	28.775	25.911	1.019
8/11/2017 4:00	108000	118.197	20.396	266.251	38633.539	42358.586	27.51	28.804	25.884	1.019
8/11/2017 4:15	108900	118.178	20.393	266.208	38594.031	42318.051	27.481	28.776	25.911	1.019
8/11/2017 4:30	109800	118.155	20.393	266.156	38611.402	42337.023	27.495	28.789	25.899	1.019
8/11/2017 4:45	110700	118.144	20.393	266.131	38632.926	42360.246	27.511	28.805	25.885	1.019
8/11/2017 5:00	111600	118.115	20.391	266.065	38619.117	42346.715	27.501	28.796	25.894	1.019
8/11/2017 5:15	112500	118.083	20.391	265.993	38647.809	42378.332	27.524	28.817	25.875	1.019
8/11/2017 5:30	113400	118.082	20.39	265.992	38643.723	42374.859	27.522	28.815	25.877	1.019
8/11/2017 5:45	114300	118.05	20.392	265.918	38609.262	42335.609	27.493	28.788	25.901	1.019
8/11/2017 6:00	115200	118.004	20.391	265.815	38646.277	42377.117	27.523	28.816	25.876	1.019
8/11/2017 6:15	116100	118.006	20.393	265.819	38602.285	42326.805	27.487	28.782	25.905	1.019
8/11/2017 6:30	117000	117.984	20.389	265.77	38634.367	42365.84	27.515	28.809	25.884	1.019
8/11/2017 6:45	117900	117.956	20.387	265.707	38604.746	42334.359	27.492	28.787	25.904	1.019
8/11/2017 7:00	118800	117.941	20.387	265.674	38620.238	42351.348	27.505	28.799	25.893	1.019
8/11/2017 7:15	119700	117.929	20.389	265.648	38647.453	42379.879	27.525	28.818	25.875	1.019
8/11/2017 7:30	120600	117.917	20.391	265.619	38601.785	42328.406	27.488	28.783	25.906	1.019
8/11/2017 7:45	121500	117.892	20.39	265.564	38618.195	42346.867	27.502	28.796	25.895	1.019
8/11/2017 8:00	122400	117.89	20.391	265.558	38617.715	42345.57	27.501	28.795	25.895	1.019
8/11/2017 8:15	123300	117.881	20.389	265.538	38617.57	42346.879	27.502	28.796	25.895	1.019
8/11/2017 8:30	124200	117.875	20.392	265.524	38621.668	42349.133	27.503	28.797	25.892	1.019
8/11/2017 8:45	125100	117.862	20.388	265.495	38615.762	42345.969	27.501	28.795	25.896	1.019
8/11/2017 9:00	126000	117.87	20.389	265.514	38612.977	42342.07	27.498	28.793	25.898	1.019
8/11/2017 9:15	126900	117.866	20.391	265.504	38614.641	42342.043	27.498	28.793	25.897	1.019
8/11/2017 9:30	127800	117.875	20.391	265.524	38621.711	42349.797	27.504	28.798	25.892	1.019
8/11/2017 9:45	128700	117.874	20.39	265.522	38598.215	42325.195	27.486	28.781	25.908	1.019
8/11/2017 10:00	129600	117.889	20.391	265.556	38609.551	42336.617	27.494	28.789	25.9	1.019
8/11/2017 10:15	130500	117.905	20.393	265.593	38652.375	42384.117	27.528	28.821	25.872	1.019
8/11/2017 10:30	131400	117.915	20.393	265.616	38598.813	42322.996	27.484	28.78	25.908	1.019
8/11/2017 10:45	132300	117.925	20.389	265.637	38622.973	42352.73	27.506	28.8	25.891	1.019
8/11/2017 11:00	133200	117.93	20.391	265.65	38623.402	42351.648	27.505	28.799	25.891	1.019
8/11/2017 11:15	134100	117.967	20.392	265.733	38591.957	42316.391	27.48	28.775	25.912	1.019
8/11/2017 11:30	135000	117.979	20.393	265.76	38653.617	42383.387	27.528	28.821	25.871	1.019
8/11/2017 11:45	135900	117.994	20.391	265.793	38595.195	42320.641	27.483	28.778	25.91	1.019
8/11/2017 12:00	136800	118.029	20.391	265.871	38633.008	42362.336	27.513	28.806	25.885	1.019
8/11/2017 12:15	137700	118.032	20.388	265.879	38639.688	42371.832	27.52	28.813	25.88	1.019
8/11/2017 12:30	138600	118.064	20.39	265.95	38599.934	42327.082	27.487	28.782	25.907	1.019
8/11/2017 12:45	139500	118.065	20.394	265.953	38613	42337.84	27.495	28.79	25.898	1.019
8/11/2017 13:00	140400	118.099	20.393	266.029	38636.539	42363.895	27.514	28.807	25.882	1.019
8/11/2017 13:15	141300	118.107	20.391	266.048	38633.523	42363.133	27.513	28.807	25.884	1.019
8/11/2017 13:30	142200	118.14	20.39	266.122	38615.48	42343.578	27.499	28.794	25.896	1.019
8/11/2017 13:45	143100	118.144	20.392	266.13	38643.211	42372.367	27.52	28.813	25.878	1.019
8/11/2017 14:00	144000	118.159	20.39	266.164	38643.246	42374.336	27.521	28.815	25.878	1.019
8/11/2017 14:15	144900	118.19	20.392	266.233	38629.625	42357.473	27.509	28.803	25.887	1.019
8/11/2017 14:30	145800	118.18	20.393	266.212	38640.344	42368.379	27.517	28.81	25.88	1.019
8/11/2017 14:45	146700	118.199	20.391	266.255	38629.574	42358.336	27.51	28.804	25.887	1.019
8/11/2017 15:00	147600	118.19	20.393	266.233	38628.859	42355.859	27.508	28.802	25.887	1.019
8/11/2017 15:15	148500	118.19	20.394	266.233	38587.559	42309.332	27.475	28.77	25.915	1.019
8/11/2017 15:30	149400	118.197	20.396	266.25	38602.832	42324.535	27.486	28.781	25.905	1.019
8/11/2017 15:45	150300	118.205	20.393	266.268	38639.918	42367.676	27.517	28.81	25.88	1.019
8/11/2017 16:00	151200	118.202	20.397	266.262	38634.129	42358.004	27.51	28.803	25.884	1.019
8/11/2017 16:15	152100	118.194	20.391	266.244	38615.48	42342.578	27.499	28.793	25.896	1.019
8/11/2017 16:30	153000	118.2	20.395	266.257	38627.199	42352.723	27.506	28.8	25.888	1.019
8/11/2017 16:45	153900	118.175	20.395	266.202	38635	42360.883	27.512	28		

8/12/2017 15:15	234900	118.221	20.389	266.305	38639.688	42371.758	27.519	28.813	25.88	1.019
8/12/2017 15:30	235800	118.228	20.39	266.321	38594.102	42320.219	27.482	28.778	25.911	1.019
8/12/2017 15:45	236700	118.238	20.389	266.343	38594.41	42321.563	27.483	28.779	25.91	1.019
8/12/2017 16:00	237600	118.23	20.388	266.325	38640.457	42372.984	27.52	28.814	25.88	1.019
8/12/2017 16:15	238500	118.234	20.394	266.333	38638.012	42365.266	27.515	28.808	25.881	1.019
8/12/2017 16:30	239400	118.23	20.394	266.325	38597.285	42320.387	27.483	28.778	25.909	1.019
8/12/2017 16:45	240300	118.215	20.392	266.291	38639.18	42367.719	27.517	28.81	25.88	1.019
8/12/2017 17:00	241200	118.23	20.395	266.325	38617.762	42342.301	27.498	28.793	25.895	1.019
8/12/2017 17:15	242100	118.22	20.395	266.301	38658.238	42386.449	27.53	28.823	25.868	1.019
8/12/2017 17:30	243000	118.208	20.395	266.275	38654.391	42381.992	27.527	28.82	25.87	1.019
8/12/2017 17:45	243900	118.197	20.399	266.25	38622.566	42344.008	27.5	28.794	25.892	1.019
8/12/2017 18:00	244800	118.192	20.394	266.24	38621.48	42346.602	27.502	28.796	25.892	1.019
8/12/2017 18:15	245700	118.188	20.392	266.231	38618.043	42344.773	27.5	28.794	25.895	1.019
8/12/2017 18:30	246600	118.165	20.392	266.179	38643.09	42372.004	27.52	28.813	25.878	1.019
8/12/2017 18:45	247500	118.151	20.392	266.147	38604.48	42330.285	27.49	28.785	25.904	1.019
8/12/2017 19:00	248400	118.131	20.392	266.102	38658.688	42389.188	27.532	28.825	25.867	1.019
8/12/2017 19:15	249300	118.117	20.394	266.069	38646.371	42374.355	27.522	28.815	25.876	1.019
8/12/2017 19:30	250200	118.104	20.394	266.041	38638.582	42365.438	27.515	28.809	25.881	1.019
8/12/2017 19:45	251100	118.094	20.392	266.017	38617.379	42344.043	27.5	28.794	25.895	1.019
8/12/2017 20:00	252000	118.091	20.394	266.012	38638.574	42365.809	27.515	28.809	25.881	1.019
8/12/2017 20:15	252900	118.07	20.391	265.965	38624.668	42353.348	27.506	28.8	25.89	1.019
8/12/2017 20:30	253800	118.055	20.389	265.931	38679.457	42414.512	27.55	28.842	25.854	1.019
8/12/2017 20:45	254700	118.045	20.391	265.907	38634.578	42363.59	27.514	28.807	25.884	1.019
8/12/2017 21:00	255600	118.032	20.393	265.879	38613.285	42338.711	27.496	28.79	25.898	1.019
8/12/2017 21:15	256500	118.035	20.388	265.885	38620.543	42350.836	27.504	28.799	25.893	1.019
8/12/2017 21:30	257400	118.023	20.389	265.859	38649.359	42381.508	27.527	28.819	25.874	1.019
8/12/2017 21:45	258300	118.01	20.39	265.83	38609.496	42337.484	27.495	28.789	25.9	1.019
8/12/2017 22:00	259200	118.022	20.391	265.856	38615.734	42343.004	27.499	28.793	25.896	1.019
8/12/2017 22:15	260100	117.98	20.389	265.761	38628.23	42359.191	27.51	28.804	25.888	1.019
8/12/2017 22:30	261000	118.02	20.388	265.851	38633.398	42365.395	27.515	28.808	25.884	1.019
8/12/2017 22:45	261900	118.012	20.388	265.833	38577.664	42304.277	27.471	28.767	25.922	1.019
8/12/2017 23:00	262800	118.012	20.391	265.834	38622.766	42351.105	27.505	28.799	25.891	1.019
8/12/2017 23:15	263700	118.015	20.391	265.841	38647.383	42378.406	27.524	28.817	25.875	1.019
8/12/2017 23:30	264600	118.032	20.39	265.879	38645.488	42376.797	27.523	28.816	25.876	1.019
8/12/2017 23:45	265500	118.025	20.388	265.863	38626.758	42357.961	27.51	28.803	25.889	1.019
8/13/2017 0:00	266400	118.038	20.392	265.892	38643.93	42373.379	27.521	28.814	25.877	1.019
8/13/2017 0:15	267300	118.053	20.392	265.927	38600.836	42325.754	27.486	28.782	25.906	1.019
8/13/2017 0:30	268200	118.06	20.388	265.942	38666.512	42401.402	27.541	28.833	25.862	1.019
8/13/2017 0:45	269100	118.077	20.389	265.981	38621.738	42351.297	27.505	28.799	25.892	1.019
8/13/2017 1:00	270000	118.086	20.39	266	38643.273	42373.996	27.521	28.814	25.878	1.019
8/13/2017 1:15	270900	118.091	20.391	266.012	38643.57	42373.996	27.521	28.814	25.878	1.019
8/13/2017 1:30	271800	118.107	20.391	266.048	38628.871	42357.723	27.509	28.803	25.887	1.019
8/13/2017 1:45	272700	118.117	20.391	266.069	38602.332	42328.547	27.488	28.783	25.905	1.019
8/13/2017 2:00	273600	118.134	20.39	266.109	38670.559	42404.133	27.543	28.835	25.859	1.019
8/13/2017 2:15	274500	118.124	20.391	266.085	38614.094	42341.059	27.497	28.792	25.897	1.019
8/13/2017 2:30	275400	118.139	20.391	266.119	38614.664	42342.527	27.498	28.793	25.897	1.019
8/13/2017 2:45	276300	118.154	20.395	266.154	38646.582	42373.973	27.521	28.814	25.876	1.019
8/13/2017 3:00	277200	118.155	20.394	266.156	38613.715	42338.328	27.496	28.79	25.898	1.019
8/13/2017 3:15	278100	118.165	20.391	266.179	38635.719	42364.77	27.515	28.808	25.883	1.019
8/13/2017 3:30	279000	118.165	20.393	266.179	38608.953	42334.336	27.493	28.787	25.901	1.019
8/13/2017 3:45	279900	118.168	20.393	266.184	38670.75	42402.098	27.542	28.833	25.859	1.019
8/13/2017 4:00	280800	118.166	20.395	266.181	38607.266	42330.398	27.49	28.785	25.902	1.019
8/13/2017 4:15	281700	118.187	20.394	266.227	38637.051	42363.84	27.514	28.807	25.882	1.019
8/13/2017 4:30	282600	118.162	20.397	266.171	38615.285	42337.27	27.495	28.789	25.896	1.019
8/13/2017 4:45	283500	118.175	20.393	266.2	38664.578	42395.492	27.537	28.829	25.863	1.019
8/13/2017 5:00	284400	118.147	20.392	266.138	38649.813	42379.379	27.525	28.818	25.873	1.019
8/13/2017 5:15	285300	118.147	20.391	266.138	38615.738	42343.32	27.499	28.793	25.896	1.019
8/13/2017 5:30	286200	118.123	20.392	266.083	38663.066	42394.215	27.536	28.828	25.864	1.019
8/13/2017 5:45	287100	118.132	20.391	266.103	38637.23	42366.5	27.516	28.809	25.882	1.019
8/13/2017 6:00	288000	118.121	20.389	266.08	38652.031	42384.512	27.529	28.821	25.872	1.019
8/13/2017 6:15	288900	118.097	20.391	266.025	38624.262	42352.82	27.506	28.8	25.89	1.019
8/13/2017 6:30	289800	118.075	20.389	265.975	38641.152	42372.82	27.52	28.814	25.879	1.019
8/13/2017 6:45	290700	118.07	20.391	265.965	38676.098	42409.277	27.547	28.838	25.856	1.019
8/13/2017 7:00	291600	118.055	20.388	265.931	38624.004	42355.246	27.508	28.802	25.891	1.019
8/13/2017 7:15	292500	118.031	20.391	265.876	38618.352	42346.188	27.501	28.795	25.894	1.019
8/13/2017 7:30	293400	118.018	20.39	265.847	38644.047	42375.215	27.522	28.815	25.877	1.019
8/13/2017 7:45	294300	118.002	20.389	265.811	38617.668	42347.066	27.502	28.796	25.895	1.019
8/13/2017 8:00	295200	118.002	20.391	265.811	38650.379	42381.148	27.526	28.819	25.873	1.019
8/13/2017 8:15	296100	117.98	20.389	265.762	38602.887	42330.703	27.49	28.785	25.905	1.019
8/13/2017 8:30	297000	117.97	20.391	265.739	38651.336	42382.738	27.527	28.82	25.872	1.019
8/13/2017 8:45	297900	117.966	20.391	265.731	38586.637	42311.41	27.476	28.772	25.916	1.019
8/13/2017 9:00	298800	117.956	20.391	265.707	38629.855	42358.727	27.51	28.804	25.887	1.019
8/13/2017 9:15	299700	117.943	20.391	265.679	38571.738	42294.844	27.464	28.76	25.926	1.019
8/13/2017 9:30	300600	117.923	20.394	265.634	38608.645	42332.992	27.492	28.786	25.901	1.019
8/13/2017 9:45	301500	117.93	20.392	265.65	38643.055	42372.738	27.52	28.813	25.878	1.019
8/13/2017 10:00	302400	117.895	20.391	265.57	38627.406	42355.656	27.508	28.802	25.888	1.019
8/13/2017 10:15	303300	117.923	20.392	265.632	38613.691	42340.543	27.497	28.792	25.898	1.019
8/13/2017 10:30	304200	117.93	20.391	265.65	38642.34	42372.492	27.52	28.813	25.878	1.019
8/13/2017 10:45	305100	117.929	20.391	265.648	38610.309	42337.602	27.495	28.79	25.9	1.019
8/13/2017 11:00	306000	117.927	20.388	265.642	38603.836	42333.055	27.492	28.786	25.904	1.019
8/13/2017 11:15	306900	117.941	20.388	265.674	38612.859	42343.105	27.499	28.793	25.898	1.019
8/13/2017 11:30	307800	117.957	20.391	265.71	38607.621	42334.5	27.493	28.787	25.902	1.019
8/13/2017 11:45	308700	117.956	20.39	265.707	38670.207	42403.828	27.543	28.835	25.86	1.019
8/13/2017 12:00	309600	117.978	20.389	265.757	38602.832	42330.563	27.49	28.785	25.905	1.019
8/13/2017 12:15	310500	118.013	20.389	265.837	38620.242	42350.348	27.504	28.798	25.893	1.019
8/13/2017 12:30	311400	118.01	20.388	265.83	38628.684	42359.992	27.511	28.805	25.887	1.019
8/13/2017 12:45	312300	118.016	20.393	265.843	38639.223	42367.379	27.516	28.81	25.88	1.019
8/13/2017 13:00	313200	118.046	20.389	265.911	38646.625	42378.895	27.525	28.818	25.875	1.019
8/13/2017 13:15	314100	118.053	20.392	265.927	38604	42329.676	2			

8/14/2017 11:45	395100	118.058	20.391	265.937	38634.457	42364	27.514	28.808	25.884	1.019
8/14/2017 12:00	396000	118.088	20.386	266.005	38636.621	42370.938	27.519	28.812	25.882	1.019
8/14/2017 12:15	396900	118.096	20.391	266.023	38654.555	42385.57	27.53	28.822	25.87	1.019
8/14/2017 12:30	397800	118.094	20.389	266.019	38634.348	42365.359	27.515	28.808	25.884	1.019
8/14/2017 12:45	398700	118.112	20.389	266.06	38651.547	42384.367	27.529	28.821	25.872	1.019
8/14/2017 13:00	399600	118.133	20.393	266.106	38603.785	42328.293	27.488	28.783	25.904	1.019
8/14/2017 13:15	400500	118.136	20.39	266.113	38614.855	42343.359	27.499	28.793	25.897	1.019
8/14/2017 13:30	401400	118.161	20.389	266.168	38585.094	42311.891	27.476	28.772	25.917	1.019
8/14/2017 13:45	402300	118.183	20.389	266.219	38655.773	42388.617	27.532	28.824	25.869	1.019
8/14/2017 14:00	403200	118.197	20.39	266.251	38651.211	42383.309	27.528	28.821	25.872	1.019
8/14/2017 14:15	404100	118.232	20.389	266.328	38649.84	42382.422	27.527	28.82	25.873	1.019
8/14/2017 14:30	405000	118.24	20.388	266.347	38609.332	42338.699	27.496	28.79	25.9	1.019
8/14/2017 14:45	405900	118.26	20.389	266.393	38666.199	42400.746	27.54	28.833	25.862	1.019
8/14/2017 15:00	406800	118.281	20.392	266.44	38631.07	42358.977	27.51	28.804	25.886	1.019
8/14/2017 15:15	407700	118.294	20.391	266.469	38641.117	42371.23	27.519	28.812	25.879	1.019
8/14/2017 15:30	408600	118.322	20.39	266.533	38638.219	42368.898	27.517	28.811	25.881	1.019
8/14/2017 15:45	409500	118.343	20.391	266.58	38641.754	42371.93	27.52	28.813	25.879	1.019
8/14/2017 16:00	410400	118.345	20.394	266.583	38637.59	42364.352	27.514	28.808	25.882	1.019
8/14/2017 16:15	411300	118.367	20.393	266.633	38634.816	42362.625	27.513	28.807	25.883	1.019
8/14/2017 16:30	412200	118.37	20.393	266.64	38623.441	42350.078	27.504	28.798	25.891	1.019
8/14/2017 16:45	413100	118.387	20.392	266.679	38630.34	42358.723	27.51	28.804	25.886	1.019
8/14/2017 17:00	414000	118.396	20.397	266.698	38628.07	42351.672	27.505	28.799	25.888	1.019
8/14/2017 17:15	414900	118.398	20.393	266.703	38611.859	42337.148	27.495	28.789	25.899	1.019
8/14/2017 17:30	415800	118.402	20.394	266.713	38634.926	42361.883	27.513	28.806	25.883	1.019
8/14/2017 17:45	416700	118.417	20.395	266.747	38610.879	42334.137	27.493	28.787	25.899	1.019
8/14/2017 18:00	417600	118.411	20.394	266.731	38633.121	42359.828	27.511	28.805	25.885	1.019
8/14/2017 18:15	418500	118.406	20.394	266.72	38653.281	42381.785	27.527	28.82	25.871	1.019
8/14/2017 18:30	419400	118.394	20.397	266.695	38644.984	42369.676	27.518	28.811	25.877	1.019
8/14/2017 18:45	420300	118.402	20.392	266.713	38658.566	42389.43	27.532	28.825	25.867	1.019
8/14/2017 19:00	421200	118.388	20.394	266.681	38670.93	42401.359	27.541	28.833	25.859	1.019
8/14/2017 19:15	422100	118.384	20.394	266.671	38646.59	42374.84	27.522	28.815	25.876	1.019
8/14/2017 19:30	423000	118.372	20.396	266.645	38659.969	42387.805	27.531	28.824	25.867	1.019
8/14/2017 19:45	423900	118.341	20.396	266.574	38638.148	42363.723	27.514	28.807	25.881	1.019
8/14/2017 20:00	424800	118.33	20.394	266.549	38591.527	42313.758	27.478	28.773	25.912	1.019
8/14/2017 20:15	425700	118.32	20.393	266.528	38609.668	42334.746	27.493	28.788	25.9	1.019
8/14/2017 20:30	426600	118.302	20.395	266.487	38621.102	42345.344	27.501	28.795	25.893	1.019
8/14/2017 20:45	427500	118.289	20.39	266.459	38629.027	42358.434	27.51	28.804	25.887	1.019
8/14/2017 21:00	428400	118.283	20.391	266.445	38643.375	42373.238	27.521	28.814	25.878	1.019
8/14/2017 21:15	429300	118.237	20.391	266.341	38651.301	42382.625	27.527	28.82	25.872	1.019
8/14/2017 21:30	430200	118.221	20.392	266.305	38650.008	42380.125	27.526	28.818	25.873	1.019
8/14/2017 21:45	431100	118.217	20.389	266.296	38635.688	42366.746	27.516	28.809	25.883	1.019
8/14/2017 22:00	432000	118.191	20.389	266.236	38607.594	42336.324	27.494	28.789	25.902	1.019
8/14/2017 22:15	432900	118.171	20.39	266.192	38642.047	42372.711	27.52	28.813	25.879	1.019
8/14/2017 22:30	433800	118.153	20.39	266.15	38608.332	42336.289	27.494	28.789	25.901	1.019
8/14/2017 22:45	434700	118.148	20.388	266.139	38610.047	42339.637	27.496	28.791	25.9	1.019
8/14/2017 23:00	435600	118.135	20.389	266.111	38638.676	42370.18	27.518	28.812	25.881	1.019
8/14/2017 23:15	436500	118.115	20.388	266.065	38597.953	42326.605	27.487	28.782	25.908	1.019
8/14/2017 23:30	437400	118.099	20.391	266.029	38665.594	42397.758	27.538	28.83	25.863	1.019
8/14/2017 23:45	438300	118.097	20.392	266.025	38650.195	42380.102	27.526	28.818	25.873	1.019
8/15/2017 0:00	439200	118.09	20.39	266.009	38593.516	42319.648	27.482	28.777	25.911	1.019
8/15/2017 0:15	440100	118.073	20.39	265.971	38599.32	42325.859	27.486	28.782	25.907	1.019
8/15/2017 0:30	441000	118.085	20.392	265.997	38607.855	42333.453	27.492	28.787	25.901	1.019
8/15/2017 0:45	441900	118.067	20.39	265.958	38666.93	42400.617	27.54	28.832	25.862	1.019
8/15/2017 1:00	442800	118.062	20.393	265.946	38661.656	42391.586	27.534	28.826	25.865	1.019
8/15/2017 1:15	443700	118.058	20.39	265.937	38644.633	42375.934	27.523	28.816	25.877	1.019
8/15/2017 1:30	444600	118.08	20.389	265.986	38632.309	42363.426	27.513	28.807	25.885	1.019
8/15/2017 1:45	445500	118.07	20.391	265.965	38618.074	42345.652	27.501	28.795	25.895	1.019
8/15/2017 2:00	446400	118.073	20.389	265.971	38615.789	42345.313	27.5	28.795	25.896	1.019
8/15/2017 2:15	447300	118.082	20.391	265.992	38628.93	42358.02	27.51	28.803	25.887	1.019
8/15/2017 2:30	448200	118.094	20.392	266.019	38631.781	42359.754	27.511	28.805	25.885	1.019
8/15/2017 2:45	449100	118.085	20.389	265.997	38639.309	42371.34	27.519	28.813	25.88	1.019
8/15/2017 3:00	450000	118.111	20.39	266.056	38618.496	42346.969	27.502	28.796	25.894	1.019
8/15/2017 3:15	450900	118.117	20.391	266.071	38628.242	42357.031	27.509	28.803	25.888	1.019
8/15/2017 3:30	451800	118.131	20.386	266.102	38622.566	42355.211	27.507	28.802	25.892	1.019
8/15/2017 3:45	452700	118.144	20.387	266.13	38623.598	42355.648	27.508	28.802	25.891	1.019
8/15/2017 4:00	453600	118.151	20.386	266.147	38646.82	42381.734	27.527	28.82	25.875	1.019
8/15/2017 4:15	454500	118.16	20.389	266.166	38634.27	42365.73	27.515	28.809	25.884	1.019
8/15/2017 4:30	455400	118.17	20.39	266.189	38658.195	42390.574	27.533	28.826	25.868	1.019
8/15/2017 4:45	456300	118.178	20.388	266.208	38623.164	42354.086	27.507	28.801	25.891	1.019
8/15/2017 5:00	457200	118.187	20.39	266.228	38633.672	42363.766	27.514	28.807	25.884	1.019
8/15/2017 5:15	458100	118.204	20.389	266.265	38624.906	42355.078	27.507	28.801	25.89	1.019
8/15/2017 5:30	459000	118.206	20.389	266.27	38654.742	42387.953	27.531	28.824	25.87	1.019
8/15/2017 5:45	459900	118.217	20.387	266.296	38633.906	42366.492	27.516	28.809	25.884	1.019
8/15/2017 6:00	460800	118.22	20.39	266.301	38649.039	42381	27.526	28.819	25.874	1.019
8/15/2017 6:15	461700	118.229	20.389	266.322	38618.836	42348.039	27.502	28.797	25.894	1.019
8/15/2017 6:30	462600	118.235	20.391	266.335	38633.074	42362.332	27.513	28.806	25.885	1.019
8/15/2017 6:45	463500	118.238	20.391	266.343	38625.859	42354.73	27.507	28.801	25.889	1.019
8/15/2017 7:00	464400	118.222	20.391	266.306	38616.781	42344.309	27.5	28.794	25.895	1.019
8/15/2017 7:15	465300	118.224	20.39	266.312	38676.977	42411.324	27.548	28.84	25.855	1.019
8/15/2017 7:30	466200	118.228	20.392	266.321	38604.836	42330.832	27.49	28.785	25.903	1.019
8/15/2017 7:45	467100	118.23	20.393	266.325	38639.758	42368.113	27.517	28.81	25.88	1.019
8/15/2017 8:00	468000	118.226	20.389	266.316	38629.684	42360.09	27.511	28.805	25.887	1.019
8/15/2017 8:15	468900	118.213	20.391	266.287	38628.164	42357.332	27.509	28.803	25.888	1.019
8/15/2017 8:30	469800	118.211	20.39	266.281	38620.883	42349.969	27.504	28.798	25.893	1.019
8/15/2017 8:45	470700	118.205	20.391	266.268	38622.453	42350.609	27.504	28.798	25.892	1.019
8/15/2017 9:00	471600	118.202	20.393	266.262	38617.5	42343.402	27.499	28.794	25.895	1.019
8/15/2017 9:15	472500	118.193	20.391	266.242	38598.383	42323.832	27.485	28.78	25.908	1.019
8/15/2017 9:30	473400	118.187	20.39	266.228	38616.93	42345.637	27.501	28.795	25.895	1.019
8/15/2017 9:45	474300	118.177	20.392	266.205	38648.242	42377.887				

8/16/2017 8:15	555300	118.267	20.393	266.409	38645.84	42374.094	27.521	28.814	25.876	1.019
8/16/2017 8:30	556200	118.268	20.394	266.411	38578.801	42300.434	27.468	28.764	25.921	1.019
8/16/2017 8:45	557100	118.27	20.394	266.414	38623.078	42348.816	27.503	28.797	25.891	1.019
8/16/2017 9:00	558000	118.275	20.392	266.427	38607.168	42332.922	27.492	28.786	25.902	1.019
8/16/2017 9:15	558900	118.27	20.394	266.414	38634.734	42361.050	27.512	28.806	25.883	1.019
8/16/2017 9:30	559800	118.266	20.391	266.406	38627.93	42356.844	27.509	28.803	25.888	1.019
8/16/2017 9:45	560700	118.272	20.393	266.418	38613.645	42339.555	27.496	28.791	25.898	1.019
8/16/2017 10:00	561600	118.254	20.396	266.38	38633.281	42357.766	27.51	28.803	25.884	1.019
8/16/2017 10:15	562500	118.243	20.391	266.353	38622.5	42351.121	27.505	28.799	25.892	1.019
8/16/2017 10:30	563400	118.24	20.391	266.347	38593.484	42318.605	27.481	28.777	25.911	1.019
8/16/2017 10:45	564300	118.246	20.393	266.361	38667.691	42398.129	27.539	28.831	25.861	1.019
8/16/2017 11:00	565200	118.237	20.392	266.341	38642.797	42372.137	27.52	28.813	25.878	1.019
8/16/2017 11:15	566100	118.226	20.392	266.316	38645.535	42375.223	27.522	28.815	25.876	1.019
8/16/2017 11:30	567000	118.236	20.392	266.338	38620.5	42347.613	27.502	28.796	25.893	1.019
8/16/2017 11:45	567900	118.217	20.393	266.296	38610.023	42335.672	27.494	28.788	25.9	1.019
8/16/2017 12:00	568800	118.221	20.392	266.305	38629.309	42357.508	27.509	28.803	25.887	1.019
8/16/2017 12:15	569700	118.224	20.393	266.312	38624.098	42350.723	27.504	28.798	25.891	1.019
8/16/2017 12:30	570600	118.213	20.391	266.286	38628.832	42357.832	27.51	28.803	25.887	1.019
8/16/2017 12:45	571500	118.213	20.391	266.287	38671.066	42403.836	27.543	28.835	25.859	1.019
8/16/2017 13:00	572400	118.222	20.391	266.306	38650.746	42382.094	27.527	28.82	25.873	1.019
8/16/2017 13:15	573300	118.198	20.39	266.253	38607.809	42335.25	27.493	28.788	25.901	1.019
8/16/2017 13:30	574200	118.232	20.389	266.328	38619.953	42349.879	27.504	28.798	25.893	1.019
8/16/2017 13:45	575100	118.232	20.388	266.328	38618.234	42348.844	27.503	28.797	25.895	1.019
8/16/2017 14:00	576000	118.247	20.389	266.364	38609.477	42338.391	27.495	28.79	25.9	1.019
8/16/2017 14:15	576900	118.253	20.387	266.376	38606.5	42336.676	27.494	28.789	25.902	1.019
8/16/2017 14:30	577800	118.267	20.388	266.409	38624.785	42355.719	27.508	28.802	25.89	1.019
8/16/2017 14:45	578700	118.264	20.391	266.401	38618.613	42346.629	27.501	28.796	25.894	1.019
8/16/2017 15:00	579600	118.304	20.39	266.492	38649.34	42381.02	27.526	28.819	25.874	1.019
8/16/2017 15:15	580500	118.309	20.392	266.503	38647.488	42377.363	27.524	28.817	25.875	1.019
8/16/2017 15:30	581400	118.325	20.393	266.538	38666.008	42396.898	27.538	28.83	25.863	1.019
8/16/2017 15:45	582300	118.356	20.391	266.609	38676.84	42410.707	27.548	28.839	25.855	1.019
8/16/2017 16:00	583200	118.371	20.391	266.643	38666.063	42398.887	27.539	28.831	25.862	1.019
8/16/2017 16:15	584100	118.394	20.39	266.695	38605.027	42332.273	27.491	28.786	25.903	1.019
8/16/2017 16:30	585000	118.396	20.392	266.699	38625.766	42353.709	27.506	28.8	25.889	1.019
8/16/2017 16:45	585900	118.417	20.392	266.747	38644.891	42374.285	27.521	28.815	25.877	1.019
8/16/2017 17:00	586800	118.438	20.391	266.794	38627.168	42356.238	27.508	28.802	25.889	1.019
8/16/2017 17:15	587700	118.459	20.397	266.84	38591.172	42310.906	27.476	28.771	25.913	1.019
8/16/2017 17:30	588600	118.481	20.395	266.89	38635.707	42361.816	27.513	28.806	25.883	1.019
8/16/2017 17:45	589500	118.485	20.394	266.898	38628.117	42353.879	27.507	28.801	25.888	1.019
8/16/2017 18:00	590400	118.51	20.393	266.955	38640.566	42368.535	27.517	28.811	25.88	1.019
8/16/2017 18:15	591300	118.53	20.394	267	38644.969	42372.984	27.521	28.814	25.877	1.019
8/16/2017 18:30	592200	118.532	20.395	267.005	38652.848	42380.695	27.526	28.819	25.871	1.019
8/16/2017 18:45	593100	118.54	20.397	267.022	38612.309	42334.238	27.493	28.787	25.898	1.019
8/16/2017 19:00	594000	118.565	20.393	267.08	38593.742	42317.438	27.48	28.776	25.911	1.019
8/16/2017 19:15	594900	118.549	20.393	267.043	38605.836	42331.082	27.49	28.785	25.903	1.019
8/16/2017 19:30	595800	118.572	20.393	267.095	38616.781	42342.617	27.499	28.793	25.895	1.019
8/16/2017 19:45	596700	118.57	20.393	267.09	38636.188	42363.66	27.514	28.807	25.882	1.019
8/16/2017 20:00	597600	118.557	20.391	267.062	38655.875	42387.332	27.531	28.823	25.869	1.019
8/16/2017 20:15	598500	118.554	20.392	267.055	38586.832	42310.934	27.476	28.771	25.916	1.019
8/16/2017 20:30	599400	118.544	20.391	267.033	38633.883	42363.453	27.514	28.807	25.884	1.019
8/16/2017 20:45	600300	118.528	20.39	266.995	38608.07	42336.074	27.494	28.789	25.901	1.019
8/16/2017 21:00	601200	118.53	20.391	267	38656.297	42387.949	27.531	28.824	25.869	1.019
8/16/2017 21:15	602100	118.522	20.391	266.982	38682.699	42416.746	27.552	28.843	25.851	1.019
8/16/2017 21:30	603000	118.496	20.389	266.925	38608.383	42336.961	27.494	28.789	25.901	1.019
8/16/2017 21:45	603900	118.482	20.391	266.892	38661.063	42393.102	27.535	28.827	25.866	1.019
8/16/2017 22:00	604800	118.452	20.392	266.826	38645.289	42374.648	27.522	28.815	25.876	1.019
8/16/2017 22:15	605700	118.445	20.392	266.81	38622.5	42350.125	27.504	28.798	25.892	1.019
8/16/2017 22:30	606600	118.417	20.394	266.747	38622.621	42348.316	27.503	28.797	25.892	1.019
8/16/2017 22:45	607500	118.399	20.39	266.705	38643.582	42374.391	27.521	28.815	25.878	1.019
8/16/2017 23:00	608400	118.355	20.391	266.606	38617.332	42344.992	27.5	28.795	25.895	1.019
8/16/2017 23:15	609300	118.336	20.388	266.564	38638.613	42370.965	27.519	28.812	25.881	1.019
8/16/2017 23:30	610200	118.312	20.388	266.509	38661.547	42396.031	27.537	28.829	25.865	1.019
8/16/2017 23:45	611100	118.289	20.388	266.459	38622.168	42352.773	27.506	28.8	25.892	1.019

Report Date:	8/18/2017 9:03										
Report User Name:	WMassoll										
Report Computer Name:	WKST52										
Application:	WinSitu.exe										
Application Version:	5.6.27.1										

Log File Properties											
File Name	MPWSP MW-4M LT Test_2017-08-17_15-12-40-332-BaroMerge.wsl										
Create Date	8/18/2017 9:00										

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										
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	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 5:40:00 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: AVanHaitsma 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: 5/9/2017 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										
5/25/2017 7:00	Log Download - Used Battery: 39% Used Memory: 84% User Name: AVanHaitsma Interval - Start Time: 5/17/2017 10:00:00 PM Stop Time: 5/25/2017 8:00:00 AM										
6/1/2017 18:03	Log Download - Used Battery: 40% Used Memory: 87% User Name: WMassoll Interval - Start Time: 4/30/2017 10:00:00 PM Stop Time: 6/1/2017 7:00:00 PM										
6/8/2017 17:21	Log Download - Used Battery: 41% Used Memory: 90% User Name: WMassoll Interval - Start Time: 5/31/2017 10:00:00 PM Stop Time: 6/8/2017 6:20:00 PM										
6/15/2017 7:10	Log Download - Used Battery: 41% Used Memory: 92% User Name: AVanHaitsma Interval - Start Time: 6/7/2017 10:00:00 PM Stop Time: 6/15/2017 8:05:00 AM										
6/22/2017 6:31	Log Download - Used Battery: 42% Used Memory: 95% User Name: AVanHaitsma Interval - Start Time: 6/14/2017 10:00:00 PM Stop Time: 6/22/2017 7:30:00 AM										
6/29/2017 15:50	Log Download - Used Battery: 43% Used Memory: 96% User Name: WMassoll Interval - Start Time: 6/21/2017 10:00:00 PM Stop Time: 6/29/2017 4:45:00 PM										
7/6/2017 9:15	Log Download - Used Battery: 44% Used Memory: 100% User Name: AVanHaitsma Interval - Start Time: 5/31/2017 10:00:00 PM Stop Time: 7/6/2017 10:10:00 AM										
7/13/2017 17:37	Log Download - Used Battery: 44% Used Memory: 100% User Name: WMassoll Interval - Start Time: 7/5/2017 10:00:00 PM Stop Time: 7/13/2017 6:35:00 PM										
7/20/2017 17:08	Log Download - Used Battery: 45% Used Memory: 100% User Name: WMassoll Interval - Start Time: 7/12/2017 10:00:00 PM Stop Time: 7/20/2017 6:05:00 PM										
7/27/2017 6:42	Log Download - Used Battery: 46% Used Memory: 100% User Name: AVanHaitsma Interval - Start Time: 7/19/2017 10:00:00 PM Stop Time: 7/27/2017 7:40:00 AM										
8/3/2017 6:21	Log Download - Used Battery: 47% Used Memory: 100% User Name: AVanHaitsma Interval - Start Time: 6/30/2017 10:00:00 PM Stop Time: 8/3/2017 7:20:00 AM										
8/10/2017 15:27	Log Download - Used Battery: 47% Used Memory: 100% User Name: WMassoll Interval - Start Time: 8/2/2017 10:00:00 PM Stop Time: 8/10/2017 4:25:00 PM										
8/17/2017 15:11	Log Download - Used Battery: 48% Used Memory: 100% User Name: AVanHaitsma Interval - Start Time: 8/9/2017 10:00:00 PM Stop Time: 8/17/2017 4:10:00 PM										
8/18/2017 9:00	User Note: "Pressure & Level adjusted by baro data from: "MPWSP Barotroll_2017-08-17_15-14-23-201.wsl""										

Log Data:											
Record Count	2223										
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 SNR: 428901										
	Sensor: PCTD(A) 197.3ft SNR: 428901										
	Sensor: PCTD(A) 197.3ft SNR: 428901										
	Sensor: PCTD(A) 197.3ft SNR: 428901										
	Sensor: PCTD(A) 197.3ft SNR: 428901										
	Sensor: PCTD(A) 197.3ft SNR: 428901										
	Sensor: PCTD(A) 197.3ft SNR: 428901										
	Sensor: PCTD(A) 197.3ft SNR: 428901										
	Sensor: Baro-Adj Calc SNR: 000000										
Date and Time	Elapsed Time Seconds	Corrected Pressure (PSI)	Temperature (C)	Corrected Depth (ft)	Actual Conductivity (µS/cm)	Specific Conductivity (µS/cm)	Salinity (PSU)	Total Dissolved Solids (ppm)	Resistivity (ohm-cm)	Water Density (g/cm3)	Barometric Pressure (PSI)
8/10/2017 0:00	7200		72.512	17961	165.276	29649.545	34254.863	21.677	23293.309	33.727	14.711
8/10/2017 0:05	7500		72.496	17961	165.241	29651.924	34257.41	21.679	23295.041	33.725	14.712
8/10/2017 0:10	7800		72.480	17961	165.225	29650.074	34255.406	21.677	23293.676	33.727	14.713
8/10/2017 0:15	8100		72.513	17961	165.28	29666.4	34274.195	21.691	23306.453	33.708	14.714
8/10/2017 0:20	8400		72.491	17961	165.228	29649.967	34255.148	21.677	23293.502	3	

8/10/2017 7:05	32700	72371	17961	164.955	29635.844	34239.035	21.666	23282.545	33743	1.015	14717
8/10/2017 7:10	33000	7239	17961	165	29657.939	34264.563	21.684	23299.904	33718	1.015	14717
8/10/2017 7:15	33300	7237	17961	164.953	29659.281	34266.176	21.685	23301	33716	1.015	14717
8/10/2017 7:20	33600	72384	17961	164.987	29668.348	34276.516	21.692	23308.033	33706	1.015	14717
8/10/2017 7:25	33900	72382	17961	164.981	29650.59	34256.27	21.678	23294.264	33726	1.015	14718
8/10/2017 7:30	34200	7236	17961	164.931	29645.405	34250.375	21.674	23290.256	33732	1.015	14718
8/10/2017 7:35	34500	72384	17961	164.985	29669.172	34277.273	21.675	23308.549	33715	1.015	14718
8/10/2017 7:40	34800	72362	17962	164.935	29651.578	34256.813	21.678	23294.635	33725	1.015	14718
8/10/2017 7:45	35100	72377	17961	164.97	29667.748	34275.691	21.692	23307.473	33707	1.015	14718
8/10/2017 7:50	35400	7238	17961	164.976	29664.725	34272.195	21.689	23305.096	3371	1.015	14717
8/10/2017 7:55	35700	72376	17961	164.966	29663.514	34270.934	21.688	23304.236	33711	1.015	14716
8/10/2017 8:00	36000	72357	17961	164.924	29643.993	34252.008	21.675	23291.367	3373	1.015	14715
8/10/2017 8:05	36300	72371	17961	164.957	29650.197	34255.69	21.678	23293.865	33716	1.015	14716
8/10/2017 8:10	36600	72369	17961	164.952	29639.371	34242.906	21.669	23285.178	33739	1.015	14718
8/10/2017 8:15	36900	72368	17961	164.949	29654.375	34260.441	21.681	23297.1	33722	1.015	14719
8/10/2017 8:20	37200	72366	17962	164.945	29653.227	34258.773	21.68	23295.967	33723	1.015	1472
8/10/2017 8:25	37500	72344	17961	164.895	29656.605	34262.816	21.683	23298.715	33719	1.015	14721
8/10/2017 8:30	37800	72347	17961	164.901	29640.742	34244.426	21.67	23286.211	33737	1.015	14721
8/10/2017 8:35	38100	72343	17961	164.893	29653.93	34259.859	21.681	23296.705	33722	1.015	1472
8/10/2017 8:40	38400	72344	17961	164.893	29643.83	34248.387	21.673	23288.904	33734	1.015	14718
8/10/2017 8:45	38700	72365	17961	164.942	29650.85	34256.105	21.678	23294.152	33726	1.015	14717
8/10/2017 8:50	39000	72363	17962	164.938	29665.975	34273.504	21.69	23305.982	33709	1.015	14718
8/10/2017 8:55	39300	72341	17961	164.887	29657.027	34263.707	21.683	23299.322	33719	1.015	14718
8/10/2017 9:00	39600	72341	17961	164.887	29646.357	34251.18	21.674	23290.805	33731	1.015	14719
8/10/2017 9:05	39900	72358	17961	164.926	29651.758	34268.973	21.687	23302.904	33713	1.015	1472
8/10/2017 9:10	40200	72361	17962	164.932	29651.557	34256.719	21.678	23294.568	33725	1.015	14721
8/10/2017 9:15	40500	72337	17961	164.878	29658.355	34264.84	21.684	23300.092	33717	1.015	14721
8/10/2017 9:20	40800	72341	17961	164.889	29669.113	34277.535	21.693	23308.725	33705	1.015	1472
8/10/2017 9:25	41100	72358	17961	164.927	29657.623	34263.992	21.683	23299.518	33718	1.015	14719
8/10/2017 9:30	41400	72367	17961	164.946	29664.297	34271.766	21.689	23304.803	33711	1.015	14717
8/10/2017 9:35	41700	72344	17962	164.895	29646.586	34251.047	21.674	23290.715	33731	1.015	1472
8/10/2017 9:40	42000	72339	17961	164.883	29646.541	34251.516	21.675	23291.033	33731	1.015	14723
8/10/2017 9:45	42300	72336	17961	164.875	29653.564	34259.707	21.68	23296.602	33723	1.015	14726
8/10/2017 9:50	42600	72359	17961	164.929	29661.713	34268.852	21.687	23302.82	33713	1.015	14722
8/10/2017 9:55	42900	72346	17961	164.899	29661.039	34267.938	21.686	23302.199	33714	1.015	14717
8/10/2017 10:00	43200	72349	17962	164.905	29657.592	34263.816	21.683	23299.396	33718	1.015	14713
8/10/2017 10:05	43500	72347	17961	164.901	29647.842	34253.02	21.676	23292.053	33729	1.015	14726
8/10/2017 10:10	43800	72367	17961	164.948	29660.711	34267.559	21.686	23291.941	33715	1.015	14719
8/10/2017 10:15	44100	72346	17961	164.899	29657.455	34264.066	21.683	23299.566	33718	1.015	14723
8/10/2017 10:20	44400	72347	17962	164.902	29671.133	34279.406	21.694	23309.998	33703	1.015	14725
8/10/2017 10:25	44700	72348	17961	164.903	29665.092	34272.887	21.69	23305.563	3371	1.015	14727
8/10/2017 10:30	45000	72341	17961	164.888	29658.891	34265.785	21.685	23300.736	33717	1.015	14729
8/10/2017 10:35	45300	72344	17961	164.895	29651.194	34256.727	21.678	23294.574	33721	1.015	14727
8/10/2017 10:40	45600	72369	17961	164.951	29654.969	34272.684	21.689	23305.428	3371	1.015	14726
8/10/2017 10:45	45900	7237	17961	164.953	29650.723	34256.223	21.678	23294.232	33726	1.015	14725
8/10/2017 10:50	46200	72351	17961	164.91	29667.646	34275.902	21.692	23307.615	33707	1.015	14727
8/10/2017 10:55	46500	72348	17962	164.904	29654.316	34259.977	21.681	23296.785	33722	1.015	14729
8/10/2017 11:00	46800	72349	17961	164.906	29640.59	34244.582	21.67	23286.318	33738	1.015	14732
8/10/2017 11:05	47100	72355	17961	164.919	29659.613	34259.613	21.68	23296.537	33723	1.015	14729
8/10/2017 11:10	47400	72379	17961	164.974	29671.762	34280.391	21.695	23310.668	33702	1.015	14727
8/10/2017 11:15	47700	7238	17961	164.976	29654.455	34260.27	21.681	23296.986	33722	1.015	14725
8/10/2017 11:20	48000	72361	17961	164.934	29652.006	34257.906	21.679	23295.377	33725	1.015	14726
8/10/2017 11:25	48300	72363	17961	164.937	29656.041	34262.23	21.682	23298.316	3372	1.015	14728
8/10/2017 11:30	48600	72357	17961	164.924	29650.477	34255.801	21.678	23293.947	33726	1.015	14729
8/10/2017 11:35	48900	72365	17961	164.943	29682.08	34292.383	21.703	23318.82	3369	1.015	14728
8/10/2017 11:40	49200	72392	17961	165.005	29657.234	34253.809	21.683	23299.391	33719	1.015	14727
8/10/2017 11:45	49500	72371	17961	164.957	29642.578	34246.746	21.671	23287.789	33735	1.015	14727
8/10/2017 11:50	49800	72393	17961	165.007	29659.348	34266.313	21.685	23301.092	33716	1.015	14726
8/10/2017 11:55	50100	7237	17961	164.954	29642.979	34247.074	21.672	23288.012	33735	1.015	14726
8/10/2017 12:00	50400	72376	17961	164.967	29669.006	34277.41	21.693	23308.639	33705	1.015	14725
8/10/2017 12:05	50700	72399	17961	165.019	29657.439	34264.109	21.683	23299.596	33718	1.015	14726
8/10/2017 12:10	51000	72396	17961	165.022	29661.895	34269.129	21.687	23303.01	33713	1.015	14727
8/10/2017 12:15	51300	72377	17961	164.969	29668.734	34277.234	21.693	23308.521	33706	1.015	14728
8/10/2017 12:20	51600	72402	17961	165.025	29630.965	34233.398	21.662	23278.711	33748	1.015	14727
8/10/2017 12:25	51900	72403	17961	165.029	29650.625	34255.906	21.678	23294.016	33726	1.015	14725
8/10/2017 12:30	52200	72385	17962	164.989	29638.967	34242.242	21.668	23284.725	33739	1.015	14724
8/10/2017 12:35	52500	72406	17961	165.035	29654.414	34260.488	21.681	23297.135	33722	1.015	14724
8/10/2017 12:40	52800	72389	17961	164.996	29670.87	34279.57	21.694	23310.107	33703	1.015	14725
8/10/2017 12:45	53100	72411	17962	165.047	29660.945	34267.691	21.686	23302.033	33714	1.015	14726
8/10/2017 12:50	53400	7239	17962	164.999	29673.764	34282.5	21.696	23312.102	337	1.015	14727
8/10/2017 12:55	53700	7241	17961	165.045	29646.189	34250.984	21.674	23290.67	33731	1.015	14727
8/10/2017 13:00	54000	72415	17961	165.056	29641.906	34246.039	21.671	23287.309	33736	1.015	14728
8/10/2017 13:05	54300	72415	17961	165.057	29655.068	34261.242	21.681	23297.646	33721	1.015	14726
8/10/2017 13:10	54600	72399	17962	165.02	29650.164	34255.164	21.677	23295.312	33727	1.015	14725
8/10/2017 13:15	54900	72406	17961	165.036	29665.664	34273.219	21.69	23305.789	33709	1.015	14723
8/10/2017 13:20	55200	72404	17962	165.03	29667.863	34275.629	21.692	23307.428	33707	1.015	14725
8/10/2017 13:25	55500	72406	17961	165.036	29672.805	34281.859	21.696	23311.664	33701	1.015	14727
8/10/2017 13:30	55800	7242	17961	165.067	29663.793	34271.121	21.688	23304.365	33711	1.015	14729
8/10/2017 13:35	56100	72403	17961	165.029	29655.779	34261.996	21.682	23298.158	3372	1.015	1473
8/10/2017 13:40	56400	72406	17961	165.035	29664.402	34271.825	21.689	23304.84	3371	1.015	14731
8/10/2017 13:45	56700	7241	17961	165.044	29641.426	34245.009	21.671	23287.014	33737	1.015	14731
8/10/2017 13:50	57000	72431	17961	165.092	29665.873	34273.523	21.69	23305.998	33709	1.015	14728
8/10/2017 13:55	57300	72431	17961	165.092	29655.379	34261.727	21.682	23297.975	33721	1.015	14725
8/10/2017 14:00	57600	72439	17961	165.111	29659.197	34265.813	21.68				

8/11/2017 0:40	96000	72453	17961	165.142	29864.932	34503.563	21.85	23462.424	33484	1.015	14708
8/11/2017 0:45	96300	72455	17961	165.148	29839.268	34474.055	21.83	23442.357	33513	1.015	14707
8/11/2017 0:50	96600	72476	17961	165.196	29862.977	34501.305	21.89	23460.889	33486	1.015	14707
8/11/2017 0:55	96900	7246	17961	165.159	29854.732	34491.781	21.842	23454.412	33496	1.015	14706
8/11/2017 1:00	97200	72475	17961	165.193	29848.09	34484.18	21.837	23449.244	33503	1.015	14706
8/11/2017 1:05	97500	7246	17961	165.16	29845.014	34480.891	21.835	23446.873	33506	1.015	14707
8/11/2017 1:10	97800	7246	17961	165.158	29852.697	34500.954	21.838	23460.67	33487	1.015	14708
8/11/2017 1:15	98100	72481	17962	165.206	29849.816	34485.703	21.838	23450.281	33501	1.015	14709
8/11/2017 1:20	98400	72485	17961	165.215	29848.248	34484.16	21.837	23449.23	33503	1.015	14707
8/11/2017 1:25	98700	72488	17961	165.222	29864.197	34502.855	21.85	23461.943	33485	1.015	14704
8/11/2017 1:30	99000	72473	17961	165.188	29861.592	34499.777	21.848	23459.85	33488	1.015	14702
8/11/2017 1:35	99300	72488	17961	165.222	29846.408	34482.102	21.836	23447.832	33505	1.015	14703
8/11/2017 1:40	99600	72468	17962	165.177	29849.039	34485.359	21.838	23449.803	33502	1.015	14703
8/11/2017 1:45	99900	72469	17961	165.179	29853.826	34490.805	21.842	23453.748	33497	1.015	14704
8/11/2017 1:50	100200	7247	17962	165.182	29869.221	34508.316	21.854	23465.658	33479	1.015	14703
8/11/2017 1:55	100500	72473	17961	165.189	29842.639	34477.949	21.833	23445.008	33509	1.015	14701
8/11/2017 2:00	100800	72499	17961	165.247	29845.863	34481.406	21.835	23447.359	33505	1.015	147
8/11/2017 2:05	101100	72475	17961	165.192	29851.27	34487.715	21.839	23451.646	33499	1.015	14702
8/11/2017 2:10	101400	72473	17961	165.231	29854.205	34491.039	21.842	23453.906	33496	1.015	14704
8/11/2017 2:15	101700	72491	17962	165.229	29845.648	34481.023	21.835	23447.096	33506	1.015	14706
8/11/2017 2:20	102000	72491	17961	165.23	29832.754	34466.324	21.825	23437.104	33.52	1.015	14707
8/11/2017 2:25	102300	72466	17961	165.173	29847.012	34483	21.836	23448.441	33504	1.015	14708
8/11/2017 2:30	102600	72486	17962	165.218	29848.666	34484.441	21.837	23449.422	33502	1.015	1471
8/11/2017 2:35	102900	7247	17961	165.182	29844.283	34479.977	21.834	23446.387	33507	1.015	14707
8/11/2017 2:40	103200	72473	17962	165.189	29849.352	34485.359	21.838	23450.047	33502	1.015	14704
8/11/2017 2:45	103500	72495	17961	165.239	29861.178	34499.098	21.847	23459.389	33488	1.015	14702
8/11/2017 2:50	103800	72495	17961	165.238	29858.055	34495.887	21.845	23457.205	33492	1.015	14701
8/11/2017 2:55	104100	72473	17961	165.188	29842.961	34478.645	21.833	23445.48	33509	1.015	14701
8/11/2017 3:00	104400	72498	17961	165.246	29843.756	34479.238	21.834	23445.885	33508	1.015	147
8/11/2017 3:05	104700	72474	17961	165.191	29839.354	34474.086	21.83	23442.381	33513	1.015	14702
8/11/2017 3:10	105000	72489	17961	165.224	29832.863	34465.516	21.825	23437.23	33.52	1.015	14705
8/11/2017 3:15	105300	72471	17962	165.183	29833.764	34467.352	21.825	23437.799	33519	1.015	14707
8/11/2017 3:20	105600	72469	17961	165.178	29834.094	34468.008	21.826	23438.248	33519	1.015	14706
8/11/2017 3:25	105900	72489	17961	165.224	29851.648	34488.152	21.84	23451.945	33499	1.015	14705
8/11/2017 3:30	106200	72488	17961	165.223	29845.137	34480.898	21.835	23447.012	33506	1.015	14704
8/11/2017 3:35	106500	72488	17961	165.224	29848.943	34485.027	21.838	23449.82	33502	1.015	14704
8/11/2017 3:40	106800	72482	17962	165.208	29860.731	34495.516	21.847	23458.992	33489	1.015	14708
8/11/2017 3:45	107100	72467	17961	165.175	29843.578	34478.823	21.833	23445.604	33508	1.015	14704
8/11/2017 3:50	107400	72486	17961	165.217	29860.201	34498.305	21.847	23458.85	33489	1.015	14703
8/11/2017 3:55	107700	72463	17961	165.165	29853.803	34491.047	21.842	23453.912	33497	1.015	14702
8/11/2017 4:00	108000	72465	17962	165.17	29843.26	34478.266	21.833	23445.221	33508	1.015	14702
8/11/2017 4:05	108300	72462	17961	165.164	29852.771	34489.656	21.841	23452.969	33498	1.015	14701
8/11/2017 4:10	108600	7246	17961	165.158	29848.174	34484.344	21.837	23449.354	33504	1.015	14704
8/11/2017 4:15	108900	72457	17961	165.153	29847.293	34483.121	21.836	23448.525	33504	1.015	14701
8/11/2017 4:20	109200	72457	17961	165.152	29867.26	34506.254	21.852	23464.252	33481	1.015	14704
8/11/2017 4:25	109500	72451	17961	165.137	29859.549	34497.484	21.846	23458.291	33.49	1.015	14707
8/11/2017 4:30	109800	72467	17961	165.174	29856.561	34493.766	21.844	23455.764	33493	1.015	1471
8/11/2017 4:35	110100	72444	17961	165.123	29842.609	34477.711	21.832	23444.846	33509	1.015	14709
8/11/2017 4:40	110400	72459	17961	165.117	29875.752	34485.117	21.859	23470.961	33505	1.015	14708
8/11/2017 4:45	110700	72444	17961	165.122	29854.381	34491.445	21.842	23454.186	33496	1.015	14707
8/11/2017 4:50	111000	72443	17961	165.12	29864.479	34502.977	21.85	23462.025	33485	1.015	14705
8/11/2017 4:55	111300	72461	17961	165.16	29852.627	34489.348	21.841	23452.758	33498	1.015	14704
8/11/2017 5:00	111600	72438	17961	165.11	29863.609	34502.379	21.85	23461.619	33486	1.015	14702
8/11/2017 5:05	111900	72457	17961	165.151	29851.977	34488.738	21.84	23452.344	33499	1.015	14701
8/11/2017 5:10	112200	72438	17961	165.108	29848.393	34484.391	21.837	23449.389	33503	1.015	147
8/11/2017 5:15	112500	72416	17962	165.059	29858.025	34495.391	21.845	23456.867	33492	1.015	14699
8/11/2017 5:20	112800	7245	17961	165.137	29849.273	34485.613	21.838	23450.219	33502	1.015	14702
8/11/2017 5:25	113100	72422	17961	165.073	29860.924	34498.934	21.847	23459.275	33489	1.015	14706
8/11/2017 5:30	113400	72438	17962	165.109	29849.545	34485.582	21.838	23450.197	33501	1.015	14709
8/11/2017 5:35	113700	72439	17961	165.11	29868.494	34507.75	21.853	23465.271	33.48	1.015	14707
8/11/2017 5:40	114000	72417	17961	165.06	29855.668	34469.895	21.827	23449.531	33517	1.015	14705
8/11/2017 5:45	114300	72435	17961	165.057	29857.75	34469.617	21.827	23459.34	33517	1.015	14704
8/11/2017 5:50	114600	72433	17961	165.097	29851.172	34487.668	21.839	23451.617	33.5	1.015	14703
8/11/2017 5:55	114900	72413	17961	165.052	29862.945	34501.41	21.849	23460.961	33486	1.015	14703
8/11/2017 6:00	115200	72428	17961	165.085	29832.775	34466.484	21.825	23437.211	33.52	1.015	14702
8/11/2017 6:05	115500	7243	17961	165.091	29850.969	34487.574	21.839	23451.551	33.5	1.015	14702
8/11/2017 6:10	115800	72409	17961	165.043	29856.414	34493.797	21.844	23455.781	33494	1.015	14703
8/11/2017 6:15	116100	72406	17961	165.025	29862.05	34500.466	21.848	23460.338	33487	1.015	14704
8/11/2017 6:20	116400	72405	17961	165.034	29832.846	34466.566	21.825	23437.268	33.52	1.015	14704
8/11/2017 6:25	116700	72395	17961	165.011	29835.686	34469.848	21.827	23439.496	33517	1.015	14705
8/11/2017 6:30	117000	72395	17961	165.011	29853.424	34490.203	21.841	23453.338	33497	1.015	14705
8/11/2017 6:35	117300	72395	17962	165.011	29848.895	34484.773	21.837	23449.648	33502	1.015	14705
8/11/2017 6:40	117600	72408	17961	165.04	29846.414	34482.242	21.836	23447.928	33505	1.015	14704
8/11/2017 6:45	117900	72409	17961	165.042	29845.158	34490.988	21.842	23453.875	33496	1.015	14705
8/11/2017 6:50	118200	72386	17961	164.991	29859.344	34497.109	21.846	23458.037	33.49	1.015	14705
8/11/2017 6:55	118500	72385	17961	164.988	29842.301	34477.355	21.832	23444.604	33509	1.015	14707
8/11/2017 7:00	118800	72381	17961	164.979	29851.648	34488.219	21.84	23451.99	33499	1.015	14708
8/11/2017 7:05	119100	72377	17962	164.971	29872.578	34512	21.856	23468.16	33476	1.015	14707
8/11/2017 7:10	119400	72377	17961	164.969	29863.982	34502.539	21.85	23461.727	33485	1.015	14706
8/11/2017 7:15	119700	72377	17961	164.969	29850.291	34486.723	21.839	23446.971	33501	1.015	14707
8/11/2017 7:20	120000	7237	17961	164.954	29848.182	34484.285	21.837	23449.161	33503	1.015	14707
8/11/2017 7:25	120300	72372	17962	164.958	29851.191	34487.289	21.839	23451.359	33.5	1.015	14709
8/11/2017 7:30	120600	72363	17961	164.938	29862.701	34501.059	21.849	23460.723	33487	1.015	14711
8/11/2017 7:35	120900	72366	17961	164.945	29850.8						

8/11/2017 18:15	159900	72435	17961	165.101	29840.934	34475.773	21.831	23443.527	33.511	1.015	14.682
8/11/2017 18:20	159600	72433	17961	165.098	29857.688	34495.336	21.845	23456.828	33.492	1.015	14.68
8/11/2017 18:25	159900	72438	17961	165.11	29855.459	34492.824	21.843	23455.121	33.495	1.015	14.678
8/11/2017 18:30	160200	72415	17961	165.057	29843.939	34479.383	21.834	23445.982	33.508	1.015	14.676
8/11/2017 18:35	160500	72435	1796	165.102	29843.684	34479.684	21.834	23446.186	33.508	1.015	14.676
8/11/2017 18:40	160800	72433	17961	165.097	29844.059	34479.449	21.834	23446.025	33.508	1.015	14.676
8/11/2017 18:45	161100	72427	17961	165.094	29851.069	34499.148	21.835	23459.224	33.488	1.015	14.676
8/11/2017 18:50	161400	72411	17961	165.048	29862.053	34500.441	21.848	23460.303	33.487	1.015	14.673
8/11/2017 18:55	161700	72.41	17961	165.045	29844.014	34479.332	21.834	23445.945	33.508	1.015	14.67
8/11/2017 19:00	162000	72413	17961	165.052	29836.541	34470.637	21.828	23440.035	33.516	1.015	14.666
8/11/2017 19:05	162300	72412	17961	165.049	29867.188	34506.438	21.852	23464.379	33.482	1.015	14.669
8/11/2017 19:10	162600	72.404	17961	165.032	29856.861	34494.313	21.844	23456.135	33.493	1.015	14.673
8/11/2017 19:15	162900	72402	17961	165.026	29857.482	34494.957	21.844	23455.572	33.492	1.015	14.671
8/11/2017 19:20	163200	72403	17961	165.028	29852.404	34489.164	21.84	23452.633	33.498	1.015	14.674
8/11/2017 19:25	163500	72403	17961	165.028	29876.916	34517.41	21.86	23471.842	33.471	1.015	14.673
8/11/2017 19:30	163800	72407	17961	165.037	29857.74	34495.258	21.845	23456.775	33.492	1.015	14.672
8/11/2017 19:35	164100	72417	17961	165.06	29856.133	34493.801	21.844	23455.785	33.494	1.015	14.673
8/11/2017 19:40	164400	72415	17961	165.056	29866.688	34505.996	21.852	23464.078	33.482	1.015	14.675
8/11/2017 19:45	164700	72395	17961	165.04	29842.207	34477.297	21.832	23444.589	33.509	1.015	14.679
8/11/2017 19:50	165000	72389	17961	164.998	29866.813	34505.879	21.852	23463.998	33.482	1.015	14.677
8/11/2017 19:55	165300	72391	17961	165.002	29856.057	34493.449	21.843	23455.545	33.494	1.015	14.678
8/11/2017 20:00	165600	72393	17962	165.005	29848.895	34484.832	21.837	23449.686	33.502	1.015	14.678
8/11/2017 20:05	165900	72399	17961	165.019	29853.508	34490.238	21.841	23453.361	33.497	1.015	14.675
8/11/2017 20:10	166200	72399	17962	165.02	29843.268	34478.332	21.833	23445.268	33.508	1.015	14.672
8/11/2017 20:15	166500	72398	17961	165.018	29843.064	34478.504	21.833	23445.383	33.509	1.015	14.67
8/11/2017 20:20	166800	72395	17961	165.011	29841.041	34476.035	21.831	23443.707	33.511	1.015	14.672
8/11/2017 20:25	167100	72392	17962	165.004	29850.672	34486.758	21.839	23450.996	33.5	1.015	14.674
8/11/2017 20:30	167400	72409	17961	165.042	29849.848	34486.074	21.838	23450.533	33.501	1.015	14.675
8/11/2017 20:35	167700	72411	17961	165.046	29854.908	34492.055	21.842	23454.6	33.495	1.015	14.676
8/11/2017 20:40	168000	72387	17961	164.992	29862.125	34500.258	21.848	23460.176	33.487	1.015	14.677
8/11/2017 20:45	168300	72.41	17962	165.044	29868.236	34493.121	21.843	23459.324	33.494	1.015	14.692
8/11/2017 20:50	168600	72.4	17961	165.023	29851.25	34487.758	21.839	23451.678	33.499	1.015	14.679
8/11/2017 20:55	168900	72403	17961	165.028	29860.568	34498.926	21.847	23459.27	33.489	1.015	14.681
8/11/2017 21:00	169200	72383	17961	164.983	29869.617	34508.977	21.854	23466.105	33.479	1.015	14.684
8/11/2017 21:05	169500	72384	17961	164.986	29864.934	34503.566	21.85	23462.428	33.484	1.015	14.681
8/11/2017 21:10	169800	72406	17961	165.036	29848.371	34484.43	21.837	23449.414	33.503	1.015	14.678
8/11/2017 21:15	170100	72409	17961	164.998	29848.989	34494.957	21.844	23456.477	33.493	1.015	14.693
8/11/2017 21:20	170400	72409	17961	165.042	29853.033	34490.082	21.841	23453.256	33.497	1.015	14.677
8/11/2017 21:25	170700	72379	17961	164.975	29851.078	34487.762	21.839	23451.68	33.5	1.015	14.679
8/11/2017 21:30	171000	72.4	17962	165.022	29867.113	34505.879	21.852	23463.998	33.482	1.015	14.681
8/11/2017 21:35	171300	72384	17961	164.986	29846.01	34481.703	21.835	23447.559	33.505	1.015	14.681
8/11/2017 21:40	171600	72385	17962	164.988	29865.256	34503.734	21.851	23462.539	33.484	1.015	14.678
8/11/2017 21:45	171900	72381	17961	164.978	29845.016	34480.628	21.834	23446.826	33.505	1.015	14.69
8/11/2017 21:50	172200	72381	17961	164.979	29838.596	34473.777	21.829	23441.83	33.514	1.015	14.681
8/11/2017 21:55	172500	72397	17961	165.016	29860.195	34498.027	21.847	23458.66	33.489	1.015	14.683
8/11/2017 22:00	172800	72378	17961	164.972	29834.301	34468.047	21.826	23438.273	33.518	1.015	14.684
8/11/2017 22:05	173100	72.4	17961	165.023	29855.729	34493.004	21.843	23455.244	33.494	1.015	14.682
8/11/2017 22:10	173400	72404	17962	165.031	29857.084	34494.293	21.844	23456.119	33.493	1.015	14.68
8/11/2017 22:15	173700	72407	17961	165.039	29844.264	34480.51	21.842	23446.763	33.507	1.015	14.69
8/11/2017 22:20	174000	72393	17962	165.005	29857.688	34494.992	21.845	23456.596	33.492	1.015	14.677
8/11/2017 22:25	174300	72408	17961	165.039	29854.057	34491.07	21.842	23453.928	33.496	1.015	14.677
8/11/2017 22:30	174600	72394	17961	165.008	29846.467	34482.168	21.836	23447.875	33.505	1.015	14.676
8/11/2017 22:35	174900	72414	17961	165.055	29855.436	34492.664	21.843	23455.014	33.495	1.015	14.675
8/11/2017 22:40	175200	72411	17961	165.047	29836.33	34470.52	21.827	23439.955	33.516	1.015	14.674
8/11/2017 22:45	175500	72393	17961	165.006	29837.322	34471.738	21.828	23440.785	33.515	1.015	14.673
8/11/2017 22:50	175800	72415	17961	165.052	29850.846	34497.555	21.829	23451.539	33.5	1.015	14.675
8/11/2017 22:55	176100	72412	17962	165.048	29851.576	34487.93	21.84	23451.793	33.499	1.015	14.678
8/11/2017 23:00	176400	72408	17961	165.04	29840.424	34475.453	21.831	23443.311	33.512	1.015	14.68
8/11/2017 23:05	176700	72393	17961	165.007	29853.285	34490.25	21.841	23453.373	33.497	1.015	14.679
8/11/2017 23:10	177000	72396	17962	165.014	29860.648	34498.156	21.847	23458.748	33.489	1.015	14.677
8/11/2017 23:15	177300	72401	17961	165.024	29851.76	34488.875	21.84	23452.436	33.499	1.015	14.676
8/11/2017 23:20	177600	72403	17961	165.029	29860.891	34498.895	21.847	23459.25	33.489	1.015	14.689
8/11/2017 23:25	177900	72427	17961	165.083	29857.766	34495.355	21.845	23456.842	33.492	1.015	14.677
8/11/2017 23:30	178200	72.42	17961	165.068	29850.648	34487.266	21.839	23451.344	33.5	1.015	14.677
8/11/2017 23:35	178500	72419	17961	165.066	29839.084	34473.703	21.83	23442.119	33.513	1.015	14.679
8/11/2017 23:40	178800	72398	17961	165.017	29855.502	34492.543	21.843	23454.932	33.495	1.015	14.682
8/11/2017 23:45	179100	72402	17961	165.026	29848.496	34484.449	21.837	23449.426	33.503	1.015	14.684
8/11/2017 23:50	179400	72403	17961	165.029	29848.429	34484.629	21.837	23449.512	33.502	1.015	14.681
8/11/2017 23:55	179700	72425	17961	165.079	29857.639	34495.211	21.845	23456.746	33.492	1.015	14.68
8/12/2017 0:00	180000	72.41	17961	165.045	29839.904	34474.855	21.83	23442.904	33.512	1.015	14.678
8/12/2017 0:05	180300	72.43	17961	165.09	29855.58	34492.898	21.843	23455.174	33.495	1.015	14.679
8/12/2017 0:10	180600	72414	17962	165.053	29850.098	34486.223	21.838	23450.633	33.501	1.015	14.68
8/12/2017 0:15	180900	72435	17961	165.101	29856.391	34493.836	21.844	23455.811	33.494	1.015	14.682
8/12/2017 0:20	181200	72432	17961	165.095	29858.089	34495.595	21.845	23456.947	33.492	1.015	14.682
8/12/2017 0:25	181500	72413	17961	165.051	29861.271	34499.27	21.847	23459.506	33.488	1.015	14.682
8/12/2017 0:30	181800	72416	17961	165.058	29858.207	34495.73	21.845	23457.098	33.492	1.015	14.682
8/12/2017 0:35	182100	72417	17961	165.06	29863.279	34501.59	21.849	23461.082	33.486	1.015	14.684
8/12/2017 0:40	182400	72417	17961	165.06	29855.135	34492.512	21.843	23454.908	33.495	1.015	14.686
8/12/2017 0:45	182700	72419	17961	165.065	29862.625	34500.898	21.849	23460.613	33.487	1.015	14.687
8/12/2017 0:50	183000	72437	17961	165.127	29866.264	34495.206	21.852	23453.609	33.483	1.015	14.689
8/12/2017 0:55	183300	72423	17961	165.074	29847.377	34483.488	21.836	23448.771	33.504	1.015	14.684
8/12/2017 1:00	183600	72429	17962	165.087	29854.781	34491.574	21.842	23454.273			

8/12/2017 11:50	222600	72371	17961	164.956	29857.189	34494.492	21.844	23456.258	33.493	1.015	14.713
8/12/2017 11:55	222900	72369	17961	164.951	29848.123	34484.41	21.837	23449.4	33.503	1.015	14.715
8/12/2017 12:00	223200	72366	17961	164.898	29848.914	34485.523	21.838	23450.156	33.502	1.015	14.717
8/12/2017 12:05	223500	72355	17961	164.919	29857.611	34495.449	21.845	23456.908	33.492	1.015	14.714
8/12/2017 12:10	223800	7236	17961	164.931	29862.402	34500.641	21.848	23460.436	33.487	1.015	14.712
8/12/2017 12:15	224100	72364	17961	164.941	29866.887	34505.824	21.852	23465.963	33.482	1.015	14.709
8/12/2017 12:20	224400	72382	17962	164.982	29861.494	34499.332	21.848	23459.547	33.488	1.015	14.711
8/12/2017 12:25	224700	72381	17961	164.978	29857.867	34495.543	21.845	23456.971	33.492	1.015	14.714
8/12/2017 12:30	225000	72362	17961	164.936	29872.779	34512.629	21.857	23468.59	33.475	1.015	14.716
8/12/2017 12:35	225300	72364	17962	164.94	29837.385	34471.281	21.828	23440.471	33.515	1.015	14.714
8/12/2017 12:40	225600	72388	17961	164.994	29836.135	34470.559	21.827	23439.982	33.516	1.015	14.712
8/12/2017 12:45	225900	72373	17961	164.959	29860.640	34487.422	21.847	23458.59	33.49	1.015	14.711
8/12/2017 12:50	226200	72389	17962	165.028	29831.316	34464.469	21.823	23435.84	33.522	1.015	14.71
8/12/2017 12:55	226500	7239	17961	164.999	29856.563	34493.832	21.844	23455.809	33.493	1.015	14.71
8/12/2017 13:00	226800	72395	17961	165.01	29867.738	34506.68	21.853	23464.545	33.481	1.015	14.71
8/12/2017 13:05	227100	72399	17961	165.019	29856.637	34494.324	21.844	23456.143	33.493	1.015	14.71
8/12/2017 13:10	227400	72381	17961	164.979	29850.604	34487.41	21.839	23451.441	33.5	1.015	14.711
8/12/2017 13:15	227700	72403	17961	165.029	29854.363	34491.355	21.842	23454.123	33.496	1.015	14.711
8/12/2017 13:20	228000	72404	17961	165.03	29862.701	34501.059	21.849	23460.729	33.487	1.015	14.712
8/12/2017 13:25	228300	72384	17962	164.986	29859.896	34497.418	21.846	23458.244	33.49	1.015	14.714
8/12/2017 13:30	228600	72385	17962	164.988	29852.176	34488.566	21.84	23452.227	33.498	1.015	14.715
8/12/2017 13:35	228900	72384	17961	164.986	29849.381	34485.668	21.838	23450.254	33.502	1.015	14.716
8/12/2017 13:40	229200	72405	17961	165.033	29862.449	34500.633	21.848	23460.43	33.487	1.015	14.717
8/12/2017 13:45	229500	72385	17961	164.987	29845.67	34481.184	21.835	23447.207	33.506	1.015	14.718
8/12/2017 13:50	229800	72407	17961	165.038	29867.891	34506.984	21.853	23464.75	33.481	1.015	14.715
8/12/2017 13:55	230100	72397	17961	165.015	29845.689	34481.539	21.835	23447.449	33.506	1.015	14.713
8/12/2017 14:00	230400	72415	17962	165.056	29880.578	34521.184	21.863	23474.406	33.467	1.015	14.711
8/12/2017 14:05	230700	72404	17961	165.032	29862.402	34500.641	21.848	23460.436	33.487	1.015	14.709
8/12/2017 14:10	231000	72431	17961	165.093	29842.846	34478.254	21.833	23445.213	33.509	1.015	14.707
8/12/2017 14:15	231300	72409	17961	165.043	29866.789	34506.238	21.852	23464.242	33.482	1.015	14.706
8/12/2017 14:20	231600	72444	17961	165.054	29867.217	34507.156	21.852	23464.221	33.482	1.015	14.705
8/12/2017 14:25	231900	72431	17961	165.092	29852.85	34489.676	21.841	23452.982	33.498	1.015	14.705
8/12/2017 14:30	232200	72434	17961	165.099	29847.869	34483.789	21.837	23448.979	33.503	1.015	14.704
8/12/2017 14:35	232500	72437	17961	165.106	29849.094	34485.609	21.838	23450.217	33.502	1.015	14.706
8/12/2017 14:40	232800	72416	17961	165.059	29861.949	34499.992	21.848	23459.996	33.487	1.015	14.707
8/12/2017 14:45	233100	72416	17961	165.058	29847.869	34483.852	21.837	23449.02	33.503	1.015	14.709
8/12/2017 14:50	233400	72436	17961	165.104	29874.156	34497.988	21.858	23467.168	33.474	1.015	14.704
8/12/2017 14:55	233700	7242	17961	165.067	29851.104	34487.793	21.839	23451.701	33.5	1.015	14.705
8/12/2017 15:00	234000	72444	17961	165.123	29864.803	34503.758	21.851	23462.555	33.484	1.015	14.704
8/12/2017 15:05	234300	72423	17961	165.075	29864.408	34503.359	21.85	23462.285	33.485	1.015	14.705
8/12/2017 15:10	234600	72444	17961	165.098	29859.098	34496.695	21.846	23457.754	33.491	1.015	14.707
8/12/2017 15:15	234900	72424	17961	165.076	29870.697	34510.098	21.855	23466.867	33.478	1.015	14.708
8/12/2017 15:20	235200	72427	17961	165.083	29848.793	34484.883	21.837	23449.763	33.502	1.015	14.702
8/12/2017 15:25	235500	72448	17961	165.132	29844.643	34479.996	21.834	23446.4	33.507	1.015	14.707
8/12/2017 15:30	235800	72429	17961	165.089	29846.049	34481.82	21.835	23447.639	33.505	1.015	14.706
8/12/2017 15:35	236100	72433	17961	165.098	29844.611	34480.16	21.834	23446.51	33.507	1.015	14.705
8/12/2017 15:40	236400	72435	17961	165.103	29858.369	34495.855	21.845	23457.182	33.491	1.015	14.704
8/12/2017 15:45	236700	72436	17961	165.105	29869.094	34508.246	21.854	23465.609	33.479	1.015	14.702
8/12/2017 15:50	237000	72432	17961	165.095	29843.667	34478.867	21.833	23445.651	33.483	1.015	14.704
8/12/2017 15:55	237300	72455	17962	165.147	29850.773	34487.004	21.839	23451.162	33.5	1.015	14.706
8/12/2017 16:00	237600	7245	17961	165.135	29860.047	34497.922	21.847	23458.59	33.49	1.015	14.708
8/12/2017 16:05	237900	72434	17961	165.099	29859.52	34497.715	21.846	23458.449	33.49	1.015	14.708
8/12/2017 16:10	238200	72437	17961	165.107	29854.908	34492.125	21.842	23454.645	33.495	1.015	14.708
8/12/2017 16:15	238500	72455	17961	165.147	29858.965	34496.875	21.846	23457.877	33.491	1.015	14.708
8/12/2017 16:20	238800	7246	17961	165.159	29861.201	34499.324	21.848	23459.541	33.488	1.015	14.704
8/12/2017 16:25	239100	72464	17961	165.167	29840.56	34475.789	21.831	23442.539	33.511	1.015	14.701
8/12/2017 16:30	239400	72451	17961	165.138	29859.518	34497.711	21.846	23458.445	33.49	1.015	14.697
8/12/2017 16:35	239700	72443	17961	165.12	29864.406	34503.098	21.85	23462.109	33.485	1.015	14.701
8/12/2017 16:40	240000	72443	17961	165.12	29863.199	34501.5	21.849	23461.021	33.486	1.015	14.705
8/12/2017 16:45	240300	72437	17961	165.107	29854.961	34492.387	21.843	23454.822	33.495	1.015	14.708
8/12/2017 16:50	240600	72438	17961	165.109	29867.113	34506.086	21.852	23464.141	33.482	1.015	14.706
8/12/2017 16:55	240900	72443	17961	165.12	29856.463	34494.246	21.844	23456.09	33.494	1.015	14.704
8/12/2017 17:00	241200	72446	17961	165.128	29858.166	34496.09	21.845	23457.342	33.492	1.015	14.7
8/12/2017 17:05	241500	72449	17961	165.133	29847.654	34483.871	21.837	23449.033	33.503	1.015	14.699
8/12/2017 17:10	241800	72469	17961	165.179	29861.572	34499.754	21.848	23459.834	33.488	1.015	14.699
8/12/2017 17:15	242100	72468	17961	165.178	29864.232	34502.828	21.85	23461.926	33.485	1.015	14.698
8/12/2017 17:20	242400	72448	17961	165.131	29872.477	34512.152	21.856	23468.266	33.476	1.015	14.697
8/12/2017 17:25	242700	72449	17961	165.133	29868.943	34508.421	21.854	23465.713	33.48	1.015	14.698
8/12/2017 17:30	243000	72452	17961	165.141	29858.842	34496.465	21.846	23457.598	33.491	1.015	14.696
8/12/2017 17:35	243300	7245	17961	165.135	29869.768	34509.293	21.854	23466.322	33.479	1.015	14.696
8/12/2017 17:40	243600	7245	17961	165.135	29852.404	34489.434	21.841	23452.816	33.498	1.015	14.696
8/12/2017 17:45	243900	72443	17961	165.12	29869.719	34509.094	21.854	23466.186	33.479	1.015	14.696
8/12/2017 17:50	244200	72441	17961	165.116	29862.1	34500.559	21.848	23460.383	33.487	1.015	14.697
8/12/2017 17:55	244500	72443	17961	165.12	29861.582	34499.729	21.845	23459.75	33.488	1.015	14.698
8/12/2017 18:00	244800	72441	17961	165.115	29852.229	34488.762	21.84	23452.357	33.498	1.015	14.701
8/12/2017 18:05	245100	72461	17961	165.161	29844.795	34480.301	21.834	23446.605	33.507	1.015	14.699
8/12/2017 18:10	245400	72461	17961	165.161	29870.225	34509.551	21.855	23466.496	33.478	1.015	14.698
8/12/2017 18:15	245700	7244	17961	165.113	29866.084	34505.102	21.852	23463.471	33.483	1.015	14.696
8/12/2017 18:20	246000	72444	17961	165.122	29841.756	34476.66	21.832	23444.131	33.51	1.015	14.693
8/12/2017 18:25	246300	72446	17961	165.122	29845.047	34487.457	21.839	23453.471	33.5	1.015	14.698
8/12/2017 18:30	246600	72464	17961	165.168	29856.262	34493.844	21.843	23455.572	33.494	1.015	14.686
8/12/2017 18:35	246900	72445	17.96	165.124	29839.76	34475.148	21.831	23443.102			

8/13/2017 5:25	285900	72454	17961	165.145	29833.572	34467.734	21.825	23438.061	33.519	1.015	14.695
8/13/2017 5:30	286200	72453	17961	165.144	29863.279	34501.922	21.849	23461.307	33.486	1.015	14.695
8/13/2017 5:35	286500	72446	17961	165.126	29857.49	34495.172	21.845	23456.719	33.492	1.015	14.697
8/13/2017 5:40	286800	72426	17961	165.082	29864.563	34503.344	21.85	23462.275	33.485	1.015	14.699
8/13/2017 5:45	287100	72447	17961	165.128	29853.326	34490.5	21.841	23453.543	33.497	1.015	14.7
8/13/2017 5:50	287400	72427	17961	165.085	29865.887	34504.394	21.851	23463.355	33.483	1.015	14.699
8/13/2017 5:55	287700	72443	17961	165.09	29853.41	34490.395	21.849	23453.771	33.491	1.015	14.699
8/13/2017 6:00	288000	72448	17961	165.132	29847.496	34483.625	21.837	23448.865	33.504	1.015	14.697
8/13/2017 6:05	288300	72424	17961	165.076	29844.342	34479.918	21.834	23446.344	33.507	1.015	14.7
8/13/2017 6:10	288600	72441	17961	165.115	29845.043	34480.988	21.835	23447.072	33.506	1.015	14.702
8/13/2017 6:15	288900	72432	17961	165.095	29851.494	34488.383	21.84	23452.102	33.499	1.015	14.704
8/13/2017 6:20	289200	72.42	17961	165.068	29861.5	34489.598	21.848	23459.729	33.488	1.015	14.703
8/13/2017 6:25	289500	72418	17961	165.062	29850.42	34487.366	21.839	23451.344	33.5	1.015	14.702
8/13/2017 6:30	289800	72421	17961	165.071	29867.311	34506.383	21.852	23464.34	33.481	1.015	14.701
8/13/2017 6:35	290100	72418	17961	165.062	29849.48	34485.785	21.838	23450.334	33.501	1.015	14.7
8/13/2017 6:40	290400	72435	17961	165.103	29848.52	34484.867	21.837	23449.711	33.502	1.015	14.699
8/13/2017 6:45	290700	72439	17961	165.112	29847.674	34483.625	21.837	23448.865	33.503	1.015	14.698
8/13/2017 6:50	291000	72431	17961	165.092	29856.438	34493.953	21.844	23455.891	33.494	1.015	14.701
8/13/2017 6:55	291300	72406	17961	165.025	29845.088	34481.029	21.835	23447.109	33.506	1.015	14.703
8/13/2017 7:00	291600	72405	17961	165.032	29855.209	34492.473	21.843	23454.881	33.495	1.015	14.706
8/13/2017 7:05	291900	72401	17961	165.025	29842.881	34478.293	21.833	23445.242	33.509	1.015	14.705
8/13/2017 7:10	292200	72427	17961	165.084	29846.773	34482.852	21.836	23448.342	33.504	1.015	14.704
8/13/2017 7:15	292500	72403	17961	165.029	29855.389	34492.883	21.843	23455.162	33.495	1.015	14.703
8/13/2017 7:20	292800	72409	17961	165.042	29859.168	34497.172	21.846	23458.076	33.491	1.015	14.703
8/13/2017 7:25	293100	72419	17961	165.065	29859.822	34498.063	21.847	23458.686	33.49	1.015	14.704
8/13/2017 7:30	293400	72396	17961	165.012	29858.793	34496.813	21.846	23457.832	33.491	1.015	14.704
8/13/2017 7:35	293700	72399	17961	165.02	29852.357	34489.438	21.841	23452.82	33.498	1.015	14.703
8/13/2017 7:40	294000	72419	17961	165.066	29840.529	34475.309	21.831	23443.213	33.511	1.015	14.702
8/13/2017 7:45	294300	72418	17961	165.063	29862.324	34501.082	21.849	23460.736	33.487	1.015	14.701
8/13/2017 7:50	294600	72398	17961	165.017	29853.912	34491.098	21.842	23453.949	33.496	1.015	14.703
8/13/2017 7:55	294900	72.41	17961	165.044	29844.191	34479.809	21.834	23446.27	33.507	1.015	14.706
8/13/2017 8:00	295200	72389	17961	164.996	29862.576	34501.109	21.849	23460.754	33.487	1.015	14.708
8/13/2017 8:05	295500	72387	17961	164.992	29851.977	34489.063	21.84	23452.564	33.499	1.015	14.71
8/13/2017 8:10	295800	72384	17.96	164.986	29854.701	34492.414	21.843	23454.844	33.496	1.015	14.712
8/13/2017 8:15	296100	72382	17961	164.981	29846.939	34483.043	21.836	23448.469	33.504	1.015	14.714
8/13/2017 8:20	296400	72404	17961	165.031	29859.891	34498.141	21.847	23458.738	33.49	1.015	14.713
8/13/2017 8:25	296700	72415	17961	165.025	29843.166	34478.559	21.833	23445.422	33.509	1.015	14.712
8/13/2017 8:30	297000	72389	17961	164.998	29853.781	34491.082	21.842	23453.938	33.497	1.015	14.71
8/13/2017 8:35	297300	72379	17961	164.975	29860.146	34498.238	21.847	23458.803	33.489	1.015	14.712
8/13/2017 8:40	297600	72.4	17961	165.021	29850.053	34486.375	21.838	23450.734	33.501	1.015	14.713
8/13/2017 8:45	297900	72399	17961	165.02	29856.844	34494.563	21.844	23456.305	33.493	1.015	14.714
8/13/2017 8:50	298200	72372	17962	164.959	29851.701	34488.074	21.84	23451.891	33.499	1.015	14.715
8/13/2017 8:55	298500	72375	17961	164.966	29850.586	34486.838	21.852	23453.971	33.482	1.015	14.715
8/13/2017 9:00	298800	72365	17961	164.942	29866.936	34506.082	21.852	23464.139	33.482	1.015	14.716
8/13/2017 9:05	299100	72387	17.96	164.953	29846.787	34483.332	21.836	23448.668	33.504	1.015	14.717
8/13/2017 9:10	299400	72386	17961	164.99	29870.6	34510.578	21.855	23467.193	33.478	1.015	14.718
8/13/2017 9:15	299700	72362	17961	164.935	29860.793	34498.988	21.847	23459.314	33.489	1.015	14.719
8/13/2017 9:20	300000	72388	17961	164.994	29858.645	34496.504	21.846	23457.625	33.491	1.015	14.718
8/13/2017 9:25	300300	72485	17961	164.987	29873.687	34473.687	21.83	23442.084	33.513	1.015	14.717
8/13/2017 9:30	300600	72366	17961	164.944	29861.699	34499.902	21.848	23459.934	33.488	1.015	14.716
8/13/2017 9:35	300900	72364	17961	164.94	29865.938	34504.992	21.851	23463.396	33.483	1.015	14.718
8/13/2017 9:40	301200	72362	17961	164.936	29876.816	34517.434	21.86	23471.857	33.471	1.015	14.721
8/13/2017 9:45	301500	72361	17961	164.934	29861.396	34499.684	21.848	23459.785	33.488	1.015	14.723
8/13/2017 9:50	301800	72374	17961	164.963	29859.121	34497.191	21.846	23458.092	33.491	1.015	14.722
8/13/2017 9:55	302100	72364	17961	164.939	29842.793	34478.254	21.833	23445.213	33.509	1.015	14.722
8/13/2017 10:00	302400	72.36	17961	164.93	29851.26	34488.172	21.84	23451.957	33.499	1.015	14.721
8/13/2017 10:05	302700	72379	17961	164.973	29861.002	34499.426	21.848	23459.609	33.488	1.015	14.722
8/13/2017 10:10	303000	72376	17961	164.968	29851.357	34488.348	21.84	23452.078	33.499	1.015	14.723
8/13/2017 10:15	303300	72381	17961	164.978	29856.416	34493.727	21.844	23455.736	33.494	1.015	14.723
8/13/2017 10:20	303600	72377	17961	164.969	29856.459	34494.305	21.844	23456.127	33.494	1.015	14.723
8/13/2017 10:25	303900	72353	17961	164.916	29860.875	34480.375	21.842	23453.797	33.497	1.015	14.723
8/13/2017 10:30	304200	72378	17961	164.972	29859.264	34497.281	21.846	23458.152	33.49	1.015	14.722
8/13/2017 10:35	304500	72375	17961	164.965	29846.842	34482.535	21.836	23448.125	33.504	1.015	14.724
8/13/2017 10:40	304800	72376	17961	164.968	29852.357	34488.973	21.84	23452.504	33.498	1.015	14.724
8/13/2017 10:45	305100	72355	17961	164.919	29848.465	34484.805	21.837	23449.668	33.503	1.015	14.725
8/13/2017 10:50	305400	72354	17961	164.917	29843.164	34478.883	21.833	23445.643	33.509	1.015	14.726
8/13/2017 10:55	305700	72374	17961	164.962	29860.646	34498.754	21.847	23459.154	33.489	1.015	14.727
8/13/2017 11:00	306000	72371	17961	164.956	29848.947	34485.056	21.838	23449.898	33.49	1.015	14.728
8/13/2017 11:05	306300	72.37	17961	164.954	29851.07	34487.891	21.84	23451.768	33.5	1.015	14.728
8/13/2017 11:10	306600	72355	17.96	164.919	29865.186	34504.59	21.851	23463.121	33.484	1.015	14.729
8/13/2017 11:15	306900	72371	17961	164.955	29848.094	34484.453	21.837	23449.428	33.503	1.015	14.73
8/13/2017 11:20	307200	72379	17961	164.973	29848.297	34484.688	21.837	23449.588	33.503	1.015	14.727
8/13/2017 11:25	307500	72359	17961	164.928	29857.588	34495.078	21.845	23456.656	33.492	1.015	14.725
8/13/2017 11:30	307800	72361	17961	164.934	29855.863	34504.904	21.851	23463.386	33.483	1.015	14.723
8/13/2017 11:35	308100	72359	17961	164.929	29848.361	34484.82	21.837	23449.678	33.503	1.015	14.725
8/13/2017 11:40	308400	72377	17961	164.969	29860.67	34498.578	21.847	23459.033	33.489	1.015	14.726
8/13/2017 11:45	308700	72358	17961	164.925	29852.906	34489.938	21.841	23453.16	33.498	1.015	14.728
8/13/2017 11:50	309000	72378	17961	164.972	29871.373	34510.941	21.856	23467.439	33.477	1.015	14.728
8/13/2017 11:55	309300	72363	17961	164.936	29859.922	34498.043	21.847	23458.672	33.49	1.015	14.727
8/13/2017 12:00	309600	72.36	17961	164.93	29862.27	34500.832	21.849	23460.568	33.487	1.015	14.717
8/13/2017 12:05	309900	72368	17961	164.949	29861.299	34499.508	21.848	23459.668	33.488	1.015	14.726
8/13/2017 12:10	310200	72387	17961	164.993	29841.357	34476.926	21.832	23444.311	33.511	1.015	14.725
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8/13/2017 23:00	349200	72402	17961	165.028	29856.439	34493.957	21.844	23455.893	33.494	1.015	14.701
8/13/2017 23:05	349500	72422	17961	165.072	29843.631	34479.297	21.834	23445.922	33.508	1.015	14.699
8/13/2017 23:10	349800	72404	17961	165.03	29855.893	34493.652	21.844	23455.686	33.494	1.015	14.697
8/13/2017 23:15	350100	72411	17961	165.048	29864.707	34503.508	21.85	23462.385	33.484	1.015	14.695
8/13/2017 23:20	350400	72425	1796	165.079	29854.027	34491.633	21.842	23454.311	33.496	1.015	14.694
8/13/2017 23:25	350700	72427	17961	165.084	29860.6	34487.078	21.839	23451.213	33.5	1.015	14.693
8/13/2017 23:30	351000	72424	17961	165.072	29852.453	34489.148	21.84	23452.621	33.498	1.015	14.692
8/13/2017 23:35	351300	72403	17961	165.029	29848.375	34484.777	21.837	23449.65	33.503	1.015	14.693
8/13/2017 23:40	351600	72404	17961	165.031	29858.166	34496.277	21.845	23457.471	33.492	1.015	14.694
8/13/2017 23:45	351900	72399	17961	165.02	29849.6	34486.117	21.838	23450.563	33.501	1.015	14.694
8/13/2017 23:50	352200	72418	17961	165.064	29840.479	34475.777	21.831	23443.531	33.512	1.015	14.695
8/13/2017 23:55	352500	72401	17961	165.025	29837.105	34471.684	21.828	23440.744	33.515	1.015	14.696
8/14/2017 0:00	352800	72397	17961	165.016	29857.066	34506.102	21.852	23464.15	33.482	1.015	14.697
8/14/2017 0:05	353100	72419	17961	165.066	29856.736	34494.234	21.844	23456.082	33.493	1.015	14.697
8/14/2017 0:10	353400	72418	17961	165.063	29850.904	34487.5	21.839	23451.502	33.5	1.015	14.696
8/14/2017 0:15	353700	72399	17961	165.021	29837.307	34472.051	21.828	23440.996	33.515	1.015	14.695
8/14/2017 0:20	354000	72417	17961	165.061	29857.213	34494.914	21.844	23456.543	33.493	1.015	14.695
8/14/2017 0:25	354300	72399	17961	165.019	29872.127	34512.145	21.856	23468.26	33.476	1.015	14.696
8/14/2017 0:30	354600	72416	17961	165.059	29855.59	34493.301	21.843	23455.445	33.495	1.015	14.696
8/14/2017 0:35	354900	72415	17961	165.056	29835.025	34468.949	21.826	23438.887	33.518	1.015	14.696
8/14/2017 0:40	355200	72416	17961	165.058	29860.301	34498.48	21.847	23458.967	33.489	1.015	14.696
8/14/2017 0:45	355500	72395	17961	165.011	29854.781	34492.238	21.843	23454.723	33.495	1.015	14.696
8/14/2017 0:50	355800	72398	17961	165.018	29872.002	34512.133	21.856	23468.25	33.476	1.015	14.696
8/14/2017 0:55	356100	72399	17961	165.02	29863.957	34502.302	21.85	23461.752	33.485	1.015	14.695
8/14/2017 1:00	356400	72404	17961	165.031	29859.545	34497.871	21.846	23458.553	33.49	1.015	14.694
8/14/2017 1:05	356700	72405	17961	165.034	29851.809	34488.473	21.84	23452.164	33.499	1.015	14.692
8/14/2017 1:10	357000	72403	17961	165.03	29860.471	34498.941	21.847	23459.281	33.489	1.015	14.69
8/14/2017 1:15	357300	72407	17961	165.039	29861.047	34499.543	21.848	23459.689	33.488	1.015	14.689
8/14/2017 1:20	357600	72403	17961	165.029	29852.936	34490.234	21.841	23453.359	33.498	1.015	14.691
8/14/2017 1:25	357900	72408	17961	165.04	29863.779	34502.574	21.85	23461.752	33.485	1.015	14.692
8/14/2017 1:30	358200	72425	17961	165.079	29868.617	34508.09	21.854	23465.504	33.48	1.015	14.694
8/14/2017 1:35	358500	72423	17961	165.075	29861.201	34499.52	21.848	23459.676	33.488	1.015	14.693
8/14/2017 1:40	358800	72428	1796	165.085	29864.809	34504.09	21.851	23462.781	33.484	1.015	14.691
8/14/2017 1:45	359100	72427	17961	165.084	29863.535	34502.156	21.849	23461.467	33.486	1.015	14.69
8/14/2017 1:50	359400	72412	17961	165.049	29856.959	34494.695	21.844	23456.395	33.493	1.015	14.691
8/14/2017 1:55	359700	7243	17961	165.09	29855.711	34493.254	21.843	23455.414	33.494	1.015	14.693
8/14/2017 2:00	360000	72425	17961	165.079	29858.393	34507.909	21.853	23465.377	33.48	1.015	14.692
8/14/2017 2:05	360300	72423	17961	165.074	29850.949	34488.008	21.84	23451.848	33.5	1.015	14.693
8/14/2017 2:10	360600	72411	17961	165.048	29849.676	34486.012	21.838	23450.488	33.501	1.015	14.692
8/14/2017 2:15	360900	72413	17961	165.052	29851.502	34488.715	21.84	23452.328	33.499	1.015	14.691
8/14/2017 2:20	361200	72411	1796	165.046	29855.59	34493.504	21.843	23455.584	33.495	1.015	14.69
8/14/2017 2:25	361500	72433	17961	165.097	29872.254	34512.488	21.857	23468.492	33.476	1.015	14.689
8/14/2017 2:30	361800	72417	17961	165.06	29853.48	34493.789	21.843	23463.789	33.487	1.015	14.687
8/14/2017 2:35	362100	72435	17961	165.102	29858.889	34497.047	21.846	23457.992	33.491	1.015	14.689
8/14/2017 2:40	362400	7244	17961	165.112	29850.021	34486.867	21.839	23451.07	33.501	1.015	14.69
8/14/2017 2:45	362700	72422	17961	165.072	29849.703	34486.5	21.839	23450.82	33.501	1.015	14.69
8/14/2017 2:50	363000	72443	17961	165.121	29853.033	34490.219	21.841	23453.35	33.497	1.015	14.689
8/14/2017 2:55	363300	72444	17961	165.121	29859.867	34497.98	21.847	23458.627	33.49	1.015	14.688
8/14/2017 3:00	363600	72443	17961	165.124	29842.232	34477.867	21.833	23444.949	33.51	1.015	14.687
8/14/2017 3:05	363900	72427	17961	165.084	29851.375	34488.043	21.84	23451.869	33.499	1.015	14.686
8/14/2017 3:10	364200	72424	17961	165.077	29851.877	34488.949	21.84	23452.488	33.499	1.015	14.686
8/14/2017 3:15	364500	72429	17961	165.088	29851.039	34487.516	21.839	23451.514	33.5	1.015	14.685
8/14/2017 3:20	364800	72427	17961	165.084	29861.902	34500.664	21.848	23460.453	33.487	1.015	14.686
8/14/2017 3:25	365100	7245	17961	165.136	29875.588	34516.34	21.859	23471.113	33.472	1.015	14.687
8/14/2017 3:30	365400	72448	17961	165.131	29869.193	34509.086	21.854	23466.18	33.479	1.015	14.688
8/14/2017 3:35	365700	72444	17961	165.122	29864.205	34503.438	21.85	23462.34	33.485	1.015	14.688
8/14/2017 3:40	366000	72448	17961	165.131	29856.938	34494.672	21.844	23456.379	33.493	1.015	14.688
8/14/2017 3:45	366300	72432	17961	165.094	29866.393	34505.324	21.852	23463.623	33.482	1.015	14.687
8/14/2017 3:50	366600	72428	17961	165.085	29873.428	34513.645	21.858	23469.279	33.475	1.015	14.691
8/14/2017 3:55	366900	72443	17961	165.121	29854.49	34491.902	21.842	23454.494	33.496	1.015	14.695
8/14/2017 4:00	367200	72446	17961	165.128	29849.465	34486.16	21.838	23450.59	33.501	1.015	14.699
8/14/2017 4:05	367500	72429	17961	165.088	29859.043	34497.289	21.846	23463.156	33.491	1.015	14.695
8/14/2017 4:10	367800	72434	17961	165.098	29858.387	34496.469	21.846	23457.602	33.491	1.015	14.692
8/14/2017 4:15	368100	72451	17961	165.138	29854.434	34491.438	21.842	23454.18	33.496	1.015	14.688
8/14/2017 4:20	368400	72434	17961	165.1	29848.973	34485.594	21.838	23450.205	33.502	1.015	14.686
8/14/2017 4:25	368700	72459	17961	165.157	29835.385	34469.828	21.827	23439.484	33.517	1.015	14.684
8/14/2017 4:30	369000	72442	17961	165.118	29853.109	34490.172	21.841	23453.318	33.497	1.015	14.681
8/14/2017 4:35	369300	72446	17961	165.164	29859.719	34497.809	21.846	23458.512	33.48	1.015	14.683
8/14/2017 4:40	369600	72442	17961	165.119	29862.004	34500.523	21.848	23460.355	33.487	1.015	14.683
8/14/2017 4:45	369900	7246	17961	165.158	29861.002	34499.289	21.847	23459.518	33.488	1.015	14.683
8/14/2017 4:50	370200	72446	17961	165.127	29850.4	34487.117	21.839	23451.24	33.5	1.015	14.683
8/14/2017 4:55	370500	7246	17961	165.159	29853.457	34490.707	21.841	23453.682	33.497	1.015	14.683
8/14/2017 5:00	370800	72463	17961	165.166	29849.75	34486.23	21.838	23450.639	33.501	1.015	14.683
8/14/2017 5:05	371100	72466	17961	165.172	29849.713	34497.133	21.846	23458.051	33.494	1.015	14.681
8/14/2017 5:10	371400	72447	1796	165.13	29849.994	34486.973	21.839	23451.143	33.501	1.015	14.681
8/14/2017 5:15	371700	72466	17961	165.173	29847.646	34484.191	21.837	23449.252	33.503	1.015	14.681
8/14/2017 5:20	372000	72466	17961	165.173	29848.039	34484.512	21.837	23449.471	33.503	1.015	14.682
8/14/2017 5:25	372300	72445	17961	165.123	29842.387	34477.918	21.833	23444.986	33.509	1.015	14.683
8/14/2017 5:30	372600	72447	17961	165.128	29868.594	34508.324	21.854	23465.662	33.48	1.015	14.684
8/14/2017 5:35	372900	72463	17961	165.163	29865.652	34500.652	21.843	23460.45	33.487	1.015	14.687
8/14/2017 5:40	373200	72446	17961	165.126	29857.422	34495.094	21.845	23456.664	33.493	1.015	14.684
8/14/2017 5:45	373500	72465	1796	165.171	29865.457	34504.969	21.851	23463.381	33.483	1.015	14.683
8/14/2017 5:50	373800	72469	1796								

8/14/2017 16:35	412500	72.51	17961	165.272	29829.145	34462.621	21.822	23434.584	33.524	1.015	14.686
8/14/2017 16:40	412800	72.533	17961	165.326	29855.262	34492.859	21.843	23455.145	33.495	1.015	14.685
8/14/2017 16:45	413100	72.515	1796	165.284	29847.176	34483.719	21.837	23448.932	33.504	1.015	14.684
8/14/2017 16:50	413400	72.513	17961	165.279	29870.449	34510.145	21.855	23466.9	33.478	1.015	14.684
8/14/2017 16:55	413700	72.517	17961	165.288	29849.377	34486.059	21.838	23450.521	33.502	1.015	14.684
8/14/2017 17:00	414000	72.533	1796	165.325	29875.815	34516.703	21.86	23471.359	33.472	1.015	14.684
8/14/2017 17:05	414300	72.538	17961	165.336	29888.791	34473.828	21.83	23442.203	33.513	1.015	14.683
8/14/2017 17:10	414600	72.546	17961	165.355	29864.059	34503.156	21.85	23462.146	33.485	1.015	14.679
8/14/2017 17:15	414900	72.527	17961	165.312	29851.455	34488.395	21.84	23452.109	33.499	1.015	14.676
8/14/2017 17:20	415200	72.529	17961	165.316	29855.816	34493.434	21.843	23455.535	33.494	1.015	14.679
8/14/2017 17:25	415500	72.526	17961	165.308	29870.873	34510.77	21.855	23467.326	33.477	1.015	14.683
8/14/2017 17:30	415800	72.54	1796	165.341	29873.031	34513.652	21.857	23469.283	33.475	1.015	14.686
8/14/2017 17:35	416100	72.524	17961	165.305	29849.453	34485.949	21.838	23450.449	33.538	1.015	14.683
8/14/2017 17:40	416400	72.527	17961	165.311	29865.355	34504.52	21.851	23463.076	33.484	1.015	14.681
8/14/2017 17:45	416700	72.533	17961	165.324	29854.559	34492.109	21.842	23454.635	33.496	1.015	14.679
8/14/2017 17:50	417000	72.551	17961	165.366	29849.531	34486.371	21.838	23450.732	33.501	1.015	14.679
8/14/2017 17:55	417300	72.547	17961	165.358	29858.813	34497.023	21.846	23457.977	33.491	1.015	14.679
8/14/2017 18:00	417600	72.532	1796	165.324	29858.084	34496.383	21.845	23457.543	33.492	1.015	14.678
8/14/2017 18:05	417900	72.551	17961	165.366	29848.275	34484.586	21.837	23449.52	33.503	1.015	14.681
8/14/2017 18:10	418200	72.533	1796	165.325	29851.047	34488.254	21.84	23452.016	33.5	1.015	14.682
8/14/2017 18:15	418500	72.547	17961	165.358	29849.451	34485.883	21.838	23450.4	33.501	1.015	14.683
8/14/2017 18:20	418800	72.527	17961	165.311	29860.193	34498.621	21.847	23459.064	33.489	1.015	14.681
8/14/2017 18:25	419100	72.529	17961	165.316	29862.18	34500.984	21.849	23460.67	33.487	1.015	14.679
8/14/2017 18:30	419400	72.529	17961	165.315	29873.756	34514.289	21.858	23469.717	33.474	1.015	14.677
8/14/2017 18:35	419700	72.551	1796	165.366	29851.555	34488.906	21.84	23452.457	33.499	1.015	14.679
8/14/2017 18:40	420000	72.55	17961	165.364	29847.125	34483.457	21.836	23448.754	33.504	1.015	14.678
8/14/2017 18:45	420300	72.534	17961	165.326	29846.217	34482.344	21.836	23447.996	33.505	1.015	14.679
8/14/2017 18:50	420600	72.542	17961	165.345	29845.324	34481.375	21.835	23447.336	33.506	1.015	14.68
8/14/2017 18:55	420900	72.553	17961	165.372	29860.496	34499.039	21.847	23459.35	33.489	1.015	14.681
8/14/2017 19:00	421200	72.527	17961	165.311	29849.377	34485.996	21.838	23450.48	33.502	1.015	14.682
8/14/2017 19:05	421500	72.545	1796	165.353	29867.206	34505.133	21.852	23463.818	33.483	1.015	14.68
8/14/2017 19:10	421800	72.533	1796	165.324	29862.957	34501.949	21.849	23461.326	33.486	1.015	14.678
8/14/2017 19:15	422100	72.55	1796	165.363	29846.893	34483.52	21.836	23448.793	33.504	1.015	14.676
8/14/2017 19:20	422400	72.528	1796	165.314	29859.693	34498.18	21.847	23458.764	33.49	1.015	14.678
8/14/2017 19:25	422700	72.527	1796	165.31	29852.654	34490.047	21.841	23453.234	33.498	1.015	14.68
8/14/2017 19:30	423000	72.522	1796	165.301	29871.777	34512.141	21.856	23468.258	33.476	1.015	14.681
8/14/2017 19:35	423300	72.523	17961	165.323	29865.08	34495.274	21.842	23453.818	33.497	1.015	14.679
8/14/2017 19:40	423600	72.521	17961	165.299	29859.043	34497.164	21.846	23458.072	33.491	1.015	14.678
8/14/2017 19:45	423900	72.542	17961	165.346	29857.047	34494.984	21.844	23456.59	33.493	1.015	14.676
8/14/2017 19:50	424200	72.519	17961	165.292	29845.148	34481.109	21.835	23447.154	33.506	1.015	14.676
8/14/2017 19:55	424500	72.539	1796	165.339	29859.572	34498.301	21.847	23458.848	33.49	1.015	14.676
8/14/2017 20:00	424800	72.541	1796	165.342	29854.613	34492.438	21.843	23454.859	33.496	1.015	14.676
8/14/2017 20:05	425100	72.539	1796	165.339	29865.813	34505.25	21.852	23463.572	33.485	1.015	14.675
8/14/2017 20:10	425400	72.537	1796	165.333	29847.91	34484.629	21.837	23449.551	33.503	1.015	14.674
8/14/2017 20:15	425700	72.519	17961	165.292	29865.211	34504.09	21.851	23462.781	33.484	1.015	14.673
8/14/2017 20:20	426000	72.536	17961	165.332	29866.314	34505.563	21.852	23463.785	33.483	1.015	14.674
8/14/2017 20:25	426300	72.532	17961	165.322	29855.744	34493.293	21.843	23455.441	33.494	1.015	14.675
8/14/2017 20:30	426600	72.527	17961	165.31	29856.613	34494.484	21.844	23456.252	33.493	1.015	14.677
8/14/2017 20:35	426900	72.511	17961	165.274	29863.61	34490.274	21.842	23453.818	33.487	1.015	14.679
8/14/2017 20:40	427200	72.534	1796	165.328	29872.703	34513.211	21.857	23468.984	33.475	1.015	14.673
8/14/2017 20:45	427500	72.532	1796	165.322	29857.813	34496.008	21.845	23457.287	33.492	1.015	14.671
8/14/2017 20:50	427800	72.508	17961	165.269	29863.053	34501.859	21.849	23461.266	33.486	1.015	14.673
8/14/2017 20:55	428100	72.507	17961	165.265	29870.396	34510.082	21.855	23466.855	33.478	1.015	14.676
8/14/2017 21:00	428400	72.498	17961	165.245	29861.928	34500.625	21.848	23460.426	33.487	1.015	14.679
8/14/2017 21:05	428700	72.498	17961	165.246	29850.773	34487.872	21.839	23451.619	33.5	1.015	14.679
8/14/2017 21:10	429000	72.496	1796	165.241	29855.963	34494.292	21.844	23456.119	33.494	1.015	14.678
8/14/2017 21:15	429300	72.496	1796	165.241	29857.039	34505.316	21.845	23456.816	33.493	1.015	14.678
8/14/2017 21:20	429600	72.515	1796	165.283	29856.842	34494.949	21.844	23456.568	33.493	1.015	14.679
8/14/2017 21:25	429900	72.493	17961	165.233	29858.918	34497.02	21.846	23457.973	33.491	1.015	14.68
8/14/2017 21:30	430200	72.51	1796	165.273	29855.41	34493.359	21.843	23455.486	33.495	1.015	14.681
8/14/2017 21:35	430500	72.485	1796	165.215	29843.258	34479.32	21.834	23445.598	33.508	1.015	14.679
8/14/2017 21:40	430800	72.486	1796	165.219	29862.879	34501.859	21.849	23461.266	33.486	1.015	14.68
8/14/2017 21:45	431100	72.512	1796	165.278	29875.939	34517.078	21.86	23471.615	33.472	1.015	14.676
8/14/2017 21:50	431400	72.504	17961	165.258	29854.961	34492.445	21.843	23454.865	33.495	1.015	14.679
8/14/2017 21:55	431700	72.473	17961	165.189	29865.412	34504.387	21.851	23462.984	33.484	1.015	14.682
8/14/2017 22:00	432000	72.492	17961	165.232	29861.176	34499.754	21.848	23459.834	33.488	1.015	14.686
8/14/2017 22:05	432300	72.471	17961	165.185	29861.727	34500.461	21.848	23460.316	33.488	1.015	14.686
8/14/2017 22:10	432600	72.469	1796	165.178	29847.329	34484.133	21.837	23449.211	33.504	1.015	14.678
8/14/2017 22:15	432900	72.463	17961	165.165	29844.799	34480.645	21.834	23446.838	33.507	1.015	14.688
8/14/2017 22:20	433200	72.481	1796	165.206	29846.867	34483.359	21.836	23448.688	33.504	1.015	14.687
8/14/2017 22:25	433500	72.461	17961	165.161	29854.457	34491.992	21.842	23454.555	33.496	1.015	14.686
8/14/2017 22:30	433800	72.482	17961	165.208	29855.436	34493.121	21.843	23455.324	33.495	1.015	14.686
8/14/2017 22:35	434100	72.479	17961	165.202	29871.275	34511.422	21.856	23467.77	33.477	1.015	14.684
8/14/2017 22:40	434400	72.48	1796	165.204	29869.48	34509.18	21.854	23466.244	33.479	1.015	14.683
8/14/2017 22:45	434700	72.458	17961	165.154	29855.488	34493.055	21.843	23455.279	33.495	1.015	14.681
8/14/2017 22:50	435000	72.477	1796	165.196	29860.295	34498.938	21.847	23459.277	33.489	1.015	14.681
8/14/2017 22:55	435300	72.473	17961	165.189	29858.236	34496.23	21.845	23457.439	33.492	1.015	14.682
8/14/2017 23:00	435600	72.452	17961	165.14	29856.416	34493.93	21.844	23455.873	33.494	1.015	14.682
8/14/2017 23:05	435900	72.47	17961	165.181	29848.676	34485.313	21.838	23450.014	33.502	1.015	14.681
8/14/2017 23:10	436200	72.448	1796	165.131	29856.113	34494.104	21.846	23455.996	33.494	1.015	14.679
8/14/2017 23:15	436500	72.447	17961	165.129	29864.104	34502.949	21.85	23462.008	33.485	1.015	14.677
8/14/2017 23:20	436800	72.448	1796</								

8/15/2017 10:10	475800	72.448	17.96	165.131	29874.586	34515.449	21.859	23470.506	33.473	1.015	14.697
8/15/2017 10:15	476100	72.467	17.96	165.176	29877.09	34518.277	21.861	23472.432	33.47	1.015	14.695
8/15/2017 10:20	476400	72.462	17.961	165.164	29854.607	34492.168	21.843	23454.676	33.496	1.015	14.697
8/15/2017 10:25	476700	72.462	17.961	165.164	29843.945	34479.523	21.834	23446.078	33.508	1.015	14.699
8/15/2017 10:30	477000	72.461	17.961	165.16	29848.348	34485.004	21.838	23449.805	33.503	1.015	14.701
8/15/2017 10:35	477200	72.456	17.96	165.149	29877.418	34518.863	21.861	23472.83	33.47	1.015	14.703
8/15/2017 10:40	477500	72.437	17.961	165.106	29856.144	34495.475	21.843	23445.75	33.494	1.015	14.704
8/15/2017 10:45	477900	72.437	17.961	165.107	29873.129	34513.566	21.857	23469.225	33.475	1.015	14.707
8/15/2017 10:50	478200	72.439	17.961	165.11	29851.881	34488.953	21.84	23452.49	33.499	1.015	14.706
8/15/2017 10:55	478500	72.44	17.961	165.112	29861.252	34499.844	21.848	23459.896	33.488	1.015	14.704
8/15/2017 11:00	478800	72.439	17.96	165.111	29863.885	34503.418	21.85	23462.326	33.485	1.015	14.703
8/15/2017 11:05	479100	72.442	17.961	165.118	29869.07	34508.746	21.854	23465.947	33.479	1.015	14.702
8/15/2017 11:10	479500	72.441	17.961	165.116	29852.658	34489.884	21.841	23453.189	33.491	1.015	14.702
8/15/2017 11:15	479700	72.454	17.961	165.145	29855.957	34493.598	21.844	23455.648	33.494	1.015	14.702
8/15/2017 11:20	480000	72.437	17.961	165.107	29858.701	34496.707	21.846	23457.764	33.491	1.015	14.702
8/15/2017 11:25	480300	72.441	17.961	165.116	29875.086	34515.5	21.859	23470.543	33.473	1.015	14.703
8/15/2017 11:30	480600	72.46	17.96	165.159	29854.457	34492.195	21.843	23454.695	33.496	1.015	14.703
8/15/2017 11:35	480900	72.437	17.961	165.105	29870.949	34511.117	21.856	23467.563	33.477	1.015	14.705
8/15/2017 11:40	481200	72.432	17.961	165.094	29856.395	34494.23	21.844	23456.078	33.494	1.015	14.708
8/15/2017 11:45	481500	72.431	17.96	165.093	29865.686	34505.309	21.852	23463.609	33.483	1.015	14.71
8/15/2017 11:50	481800	72.437	17.96	165.106	29866.414	34505.945	21.852	23464.045	33.482	1.015	14.707
8/15/2017 11:55	482100	72.433	17.961	165.098	29849.146	34485.398	21.838	23450.072	33.502	1.015	14.704
8/15/2017 12:00	482400	72.443	17.961	165.121	29872.682	34512.723	21.857	23468.652	33.475	1.015	14.701
8/15/2017 12:05	482700	72.44	17.961	165.113	29847.824	34484.199	21.837	23449.258	33.503	1.015	14.699
8/15/2017 12:10	483000	72.439	17.961	165.111	29845.845	34481.855	21.835	23447.662	33.506	1.015	14.698
8/15/2017 12:15	483300	72.471	17.961	165.183	29857.045	34494.793	21.844	23456.461	33.493	1.015	14.696
8/15/2017 12:20	483600	72.464	17.961	165.169	29851.977	34489.125	21.84	23452.605	33.499	1.015	14.701
8/15/2017 12:25	483900	72.439	17.96	165.111	29863.705	34502.816	21.85	23461.918	33.485	1.015	14.705
8/15/2017 12:30	484200	72.432	17.96	165.096	29843.918	34479.953	21.834	23446.371	33.508	1.015	14.709
8/15/2017 12:35	484500	72.436	17.96	165.105	29850.357	34487.457	21.839	23451.471	33.5	1.015	14.706
8/15/2017 12:40	484800	72.449	17.961	165.111	29859.023	34497.832	21.846	23453.27	33.49	1.015	14.703
8/15/2017 12:45	485100	72.44	17.961	165.112	29855.67	34493.129	21.843	23455.33	33.494	1.015	14.699
8/15/2017 12:50	485400	72.439	17.961	165.111	29850.758	34487.453	21.839	23451.469	33.5	1.015	14.701
8/15/2017 12:55	485700	72.44	17.96	165.112	29860.844	34499.574	21.848	23459.713	33.489	1.015	14.702
8/15/2017 13:00	486000	72.442	17.961	165.118	29871.475	34511.465	21.856	23467.799	33.477	1.015	14.704
8/15/2017 13:05	486300	72.443	17.961	165.12	29861.883	34500.57	21.848	23460.391	33.488	1.015	14.702
8/15/2017 13:10	486600	72.447	17.961	165.13	29855.609	34493.324	21.843	23455.461	33.495	1.015	14.705
8/15/2017 13:15	486900	72.446	17.961	165.127	29852.592	34489.836	21.841	23453.088	33.498	1.015	14.699
8/15/2017 13:20	487200	72.47	17.961	165.182	29872.25	34512.16	21.856	23468.271	33.476	1.015	14.701
8/15/2017 13:25	487500	72.447	17.96	165.128	29854.537	34492.426	21.843	23454.852	33.496	1.015	14.703
8/15/2017 13:30	487800	72.444	17.961	165.123	29865.639	34504.98	21.851	23463.389	33.483	1.015	14.704
8/15/2017 13:35	488100	72.463	17.961	165.166	29858.168	34495.82	21.845	23457.158	33.492	1.015	14.705
8/15/2017 13:40	488400	72.449	17.96	165.124	29861.923	34500.82	21.849	23460.561	33.487	1.015	14.696
8/15/2017 13:45	488700	72.464	17.96	165.167	29844.526	34481.184	21.835	23447.207	33.507	1.015	14.706
8/15/2017 13:50	489000	72.47	17.961	165.181	29858.996	34497.172	21.846	23458.076	33.491	1.015	14.704
8/15/2017 13:55	489300	72.476	17.961	165.196	29847.373	34483.543	21.837	23448.811	33.504	1.015	14.702
8/15/2017 14:00	489600	72.478	17.961	165.199	29859.297	34497.586	21.846	23458.361	33.49	1.015	14.699
8/15/2017 14:05	489900	72.465	17.961	165.169	29853.811	34491.18	21.842	23454.002	33.497	1.015	14.699
8/15/2017 14:10	490200	72.462	17.961	165.164	29840.26	34475.66	21.831	23443.461	33.512	1.015	14.696
8/15/2017 14:15	490500	72.484	17.961	165.213	29853.938	34491.328	21.842	23454.105	33.496	1.015	14.699
8/15/2017 14:20	490800	72.481	17.96	165.206	29872.73	34513.242	21.857	23469.008	33.475	1.015	14.699
8/15/2017 14:25	491100	72.467	17.961	165.175	29867.617	34507.266	21.853	23464.943	33.481	1.015	14.699
8/15/2017 14:30	491400	72.469	17.961	165.179	29850.822	34487.793	21.839	23451.701	33.5	1.015	14.699
8/15/2017 14:35	491700	72.49	17.96	165.228	29861.801	34500.82	21.849	23460.561	33.488	1.015	14.698
8/15/2017 14:40	492000	72.494	17.96	165.237	29870.752	34510.957	21.856	23467.453	33.478	1.015	14.697
8/15/2017 14:45	492300	72.493	17.961	165.233	29850.773	34487.805	21.839	23451.707	33.5	1.015	14.696
8/15/2017 14:50	492600	72.497	17.961	165.243	29862.83	34501.539	21.849	23461.049	33.486	1.015	14.697
8/15/2017 14:55	492900	72.478	17.961	165.2	29850.746	34487.379	21.839	23451.42	33.5	1.015	14.698
8/15/2017 15:00	493200	72.493	17.961	165.234	29860.98	34499.465	21.848	23459.639	33.489	1.015	14.7
8/15/2017 15:05	493500	72.475	17.961	165.194	29867.391	34506.672	21.853	23464.339	33.481	1.015	14.699
8/15/2017 15:10	493800	72.498	17.96	165.245	29860.496	34499.105	21.847	23459.395	33.489	1.015	14.699
8/15/2017 15:15	494100	72.501	17.961	165.253	29856.57	34494.564	21.844	23456.264	33.493	1.015	14.694
8/15/2017 15:20	494400	72.483	17.96	165.212	29864.408	34503.754	21.851	23462.553	33.485	1.015	14.698
8/15/2017 15:25	494700	72.483	17.96	165.211	29864.756	34504.027	21.851	23462.74	33.484	1.015	14.698
8/15/2017 15:30	495000	72.506	17.96	165.263	29872.352	34512.934	21.857	23468.795	33.476	1.015	14.698
8/15/2017 15:35	495300	72.49	17.961	165.226	29854.52	34491.938	21.842	23454.52	33.496	1.015	14.699
8/15/2017 15:40	495600	72.509	17.961	165.269	29861.426	34500.113	21.848	23460.08	33.488	1.015	14.699
8/15/2017 15:45	495900	72.497	17.961	165.244	29853.77	34483.844	21.842	23453.84	33.497	1.015	14.697
8/15/2017 15:50	496200	72.497	17.96	165.242	29868.695	34508.707	21.854	23465.924	33.48	1.015	14.698
8/15/2017 15:55	496500	72.503	17.961	165.257	29855.242	34492.836	21.843	23455.129	33.495	1.015	14.696
8/15/2017 16:00	496800	72.526	17.96	165.308	29857.51	34495.723	21.845	23457.092	33.492	1.015	14.694
8/15/2017 16:05	497100	72.505	17.961	165.262	29856.447	34494.105	21.844	23455.994	33.494	1.015	14.694
8/15/2017 16:10	497400	72.525	17.961	165.308	29861.434	34499.988	21.848	23459.994	33.488	1.015	14.694
8/15/2017 16:15	497700	72.512	17.961	165.277	29872.79	34513.23	21.857	23468.998	33.475	1.015	14.695
8/15/2017 16:20	498000	72.515	17.961	165.285	29883.086	34524.879	21.865	23476.92	33.464	1.015	14.694
8/15/2017 16:25	498300	72.534	17.961	165.328	29867.287	34506.75	21.853	23464.59	33.481	1.015	14.694
8/15/2017 16:30	498600	72.522	17.961	165.299	29850.764	34487.461	21.839	23451.475	33.5	1.015	14.695
8/15/2017 16:35	498900	72.525	17.96	165.307	29876.314	34517.512	21.86	23471.908	33.471	1.015	14.693
8/15/2017 16:40	499200	72.54	17.961	165.34	29857.945	34495.957	21.845	23457.252	33.492	1.015	14.692
8/15/2017 16:45	499500	72.561	17.96	165.352	29872.225	34512.932	21.857	23468.787	33.476	1.015	14.696
8/15/2017 16:50	499800	72.529	17.96	165.316	29865.08	34504.531	21.851	23463.084	33.484	1.015	14

8/16/2017 3:45	539100	72407	17.96	165.037	29867.119	34506.887	21.853	23464.686	33.482	1.015	14.704
8/16/2017 3:50	539400	72412	17.961	165.049	29853.037	34490.223	21.841	23453.352	33.497	1.015	14.705
8/16/2017 3:55	539700	7241	17.961	165.046	29864.584	34503.691	21.851	23462.512	33.484	1.015	14.706
8/16/2017 4:00	540000	7241	17.96	165.045	29866.039	34505.574	21.852	23463.793	33.483	1.015	14.706
8/16/2017 4:05	540300	72431	17.96	165.092	29851.086	34488.301	21.84	23452.045	33.5	1.015	14.704
8/16/2017 4:10	540600	72433	17.961	165.098	29854.52	34492.066	21.842	23454.607	33.496	1.015	14.701
8/16/2017 4:15	540900	72418	17.96	165.063	29864.609	34503.565	21.85	23452.565	33.484	1.015	14.698
8/16/2017 4:20	541200	72417	17.961	165.061	29870.02	34509.785	21.855	23466.656	33.478	1.015	14.699
8/16/2017 4:25	541500	72419	17.961	165.065	29857.617	34495.645	21.845	23457.041	33.492	1.015	14.701
8/16/2017 4:30	541800	72435	17.96	165.101	29865.76	34505.188	21.852	23463.527	33.483	1.015	14.702
8/16/2017 4:35	542100	72438	17.961	165.108	29855.271	34492.934	21.843	23455.197	33.495	1.015	14.704
8/16/2017 4:40	542400	72412	17.961	165.05	29848.555	34485.469	21.838	23450.461	33.502	1.015	14.705
8/16/2017 4:45	542700	72417	17.96	165.107	29862.556	34501.613	21.849	23461.1	33.487	1.015	14.707
8/16/2017 4:50	543000	72417	17.961	165.06	29858.045	34495.949	21.845	23457.246	33.492	1.015	14.707
8/16/2017 4:55	543300	72412	17.961	165.049	29868.742	34508.309	21.854	23465.65	33.48	1.015	14.708
8/16/2017 5:00	543600	72416	17.961	165.058	29859.268	34497.484	21.846	23458.291	33.49	1.015	14.708
8/16/2017 5:05	543900	72419	17.961	165.065	29858.922	34497.086	21.846	23458.021	33.491	1.015	14.708
8/16/2017 5:10	544200	72421	17.96	165.07	29850.861	34488.039	21.84	23451.867	33.5	1.015	14.708
8/16/2017 5:15	544500	72439	17.961	165.11	29874.059	34514.512	21.858	23469.869	33.474	1.015	14.701
8/16/2017 5:20	544800	72437	17.96	165.106	29865.666	34505.285	21.852	23463.594	33.483	1.015	14.709
8/16/2017 5:25	545100	72438	17.96	165.109	29861.906	34500.941	21.849	23460.643	33.487	1.015	14.711
8/16/2017 5:30	545400	72426	17.96	165.081	29866.063	34505.668	21.852	23463.854	33.483	1.015	14.712
8/16/2017 5:35	545700	72443	17.961	165.121	29849.676	34486.203	21.838	23450.621	33.501	1.015	14.712
8/16/2017 5:40	546000	72425	17.961	165.08	29856.893	34494.68	21.844	23456.385	33.493	1.015	14.711
8/16/2017 5:45	546300	72448	17.961	165.13	29849.576	34486.352	21.838	23450.721	33.501	1.015	14.71
8/16/2017 5:50	546600	72447	17.96	165.129	29876.113	34517.277	21.86	23471.748	33.472	1.015	14.711
8/16/2017 5:55	546900	72427	17.96	165.084	29872.855	34513.516	21.857	23469.193	33.475	1.015	14.711
8/16/2017 6:00	547200	72432	17.96	165.095	29855.666	34493.73	21.844	23455.738	33.494	1.015	14.712
8/16/2017 6:05	547500	72457	17.961	165.152	29865.506	34504.758	21.851	23463.238	33.483	1.015	14.71
8/16/2017 6:10	547800	72455	17.96	165.147	29873.309	34514.039	21.858	23469.547	33.475	1.015	14.709
8/16/2017 6:15	548100	72461	17.961	165.161	29861.879	34500.379	21.848	23460.258	33.488	1.015	14.708
8/16/2017 6:20	548400	72438	17.961	165.109	29840.922	34476.355	21.831	23443.922	33.511	1.015	14.71
8/16/2017 6:25	548700	72455	17.961	165.147	29858.725	34496.535	21.846	23457.645	33.491	1.015	14.712
8/16/2017 6:30	549000	72457	17.96	165.151	29868.49	34508.406	21.854	23465.717	33.48	1.015	14.714
8/16/2017 6:35	549300	72439	17.96	165.11	29872.326	34512.84	21.857	23468.73	33.476	1.015	14.712
8/16/2017 6:40	549600	72467	17.96	165.175	29856.816	34494.855	21.844	23456.502	33.493	1.015	14.711
8/16/2017 6:45	549900	72446	17.96	165.126	29870.023	34509.916	21.855	23467.744	33.478	1.015	14.72
8/16/2017 6:50	550200	72441	17.961	165.115	29842.613	34478.309	21.833	23452.252	33.509	1.015	14.714
8/16/2017 6:55	550500	72443	17.96	165.121	29861.979	34500.949	21.849	23460.648	33.487	1.015	14.719
8/16/2017 7:00	550800	7244	17.96	165.114	29876.762	34518.027	21.861	23472.262	33.471	1.015	14.723
8/16/2017 7:05	551100	72462	17.961	165.164	29857.664	34495.633	21.845	23477.033	33.492	1.015	14.722
8/16/2017 7:10	551400	72447	17.96	165.129	29854.51	34492.191	21.843	23454.691	33.496	1.015	14.721
8/16/2017 7:15	551700	72447	17.96	165.147	29867.989	34496.188	21.845	23457.408	33.485	1.015	14.72
8/16/2017 7:20	552000	72449	17.961	165.133	29862.053	34500.77	21.849	23460.523	33.487	1.015	14.719
8/16/2017 7:25	552300	72474	17.961	165.189	29863.383	34502.117	21.849	23461.441	33.486	1.015	14.718
8/16/2017 7:30	552600	72475	17.961	165.192	29872.301	34512.609	21.857	23468.574	33.476	1.015	14.717
8/16/2017 7:35	552900	72474	17.961	165.19	29854.615	34492.176	21.843	23454.682	33.496	1.015	14.718
8/16/2017 7:40	553200	72474	17.961	165.19	29870.627	34510.41	21.855	23467.082	33.478	1.015	14.719
8/16/2017 7:45	553500	72487	17.961	165.188	29861.658	34500.383	21.848	23460.26	33.488	1.015	14.72
8/16/2017 7:50	553800	72468	17.96	165.178	29867.314	34507.051	21.853	23464.797	33.481	1.015	14.722
8/16/2017 7:55	554100	72457	17.96	165.152	29855.641	34493.625	21.844	23455.668	33.495	1.015	14.724
8/16/2017 8:00	554400	72473	17.961	165.188	29863.357	34502.344	21.85	23461.596	33.486	1.015	14.726
8/16/2017 8:05	554700	72451	17.961	165.139	29872.479	34512.813	21.857	23468.713	33.476	1.015	14.725
8/16/2017 8:10	555000	72453	17.96	165.143	29849.361	34486.371	21.838	23450.732	33.502	1.015	14.725
8/16/2017 8:15	555300	72458	17.96	165.155	29859.553	34498.082	21.847	23458.697	33.49	1.015	14.724
8/16/2017 8:20	555600	72478	17.961	165.199	29861.259	34499.918	21.848	23459.945	33.488	1.015	14.721
8/16/2017 8:25	555900	72464	17.96	165.168	29862.381	34501.348	21.849	23460.916	33.487	1.015	14.718
8/16/2017 8:30	556200	72486	17.96	165.219	29854.781	34492.766	21.843	23455.082	33.495	1.015	14.715
8/16/2017 8:35	556500	72487	17.96	165.221	29857.648	34496.277	21.845	23457.471	33.492	1.015	14.72
8/16/2017 8:40	556800	72462	17.961	165.164	29859.305	34497.594	21.846	23458.365	33.49	1.015	14.724
8/16/2017 8:45	557100	7248	17.961	165.204	29866.999	34506.352	21.852	23464.318	33.482	1.015	14.729
8/16/2017 8:50	557400	7246	17.961	165.159	29868.52	34498.52	21.854	23455.561	33.48	1.015	14.731
8/16/2017 8:55	557700	72465	17.96	165.17	29858.875	34497.297	21.846	23458.162	33.491	1.015	14.727
8/16/2017 9:00	558000	72485	17.96	165.215	29859.053	34497.699	21.846	23458.438	33.491	1.015	14.725
8/16/2017 9:05	558300	7246	17.961	165.159	29880.354	34521.523	21.863	23474.639	33.467	1.015	14.729
8/16/2017 9:10	558600	7248	17.961	165.204	29858.945	34496.852	21.846	23457.861	33.491	1.015	14.733
8/16/2017 9:15	558900	72458	17.961	165.154	29874.535	34514.926	21.858	23470.152	33.473	1.015	14.737
8/16/2017 9:20	559200	7246	17.96	165.159	29877.677	34518.559	21.861	23472.82	33.475	1.015	14.732
8/16/2017 9:25	559500	72477	17.96	165.198	29873.258	34513.98	21.858	23469.51	33.475	1.015	14.733
8/16/2017 9:30	559800	72459	17.96	165.156	29851.713	34488.961	21.84	23452.496	33.499	1.015	14.731
8/16/2017 9:35	560100	72481	17.961	165.207	29877.52	34518.508	21.861	23472.588	33.47	1.015	14.732
8/16/2017 9:40	560400	72454	17.961	165.146	29865.211	34504.484	21.851	23463.051	33.484	1.015	14.733
8/16/2017 9:45	560700	72476	17.961	165.195	29844.645	34480.527	21.834	23446.76	33.507	1.015	14.735
8/16/2017 9:50	561000	72479	17.961	165.203	29876.564	34517.145	21.86	23471.658	33.471	1.015	14.736
8/16/2017 9:55	561300	72457	17.96	165.151	29865.234	34504.316	21.851	23462.936	33.484	1.015	14.733
8/16/2017 10:00	561600	72482	17.96	165.209	29871.904	34512.352	21.857	23468.398	33.476	1.015	14.732
8/16/2017 10:05	561900	7248	17.961	165.204	29856.641	34494.059	21.844	23455.961	33.493	1.015	14.732
8/16/2017 10:10	562200	72462	17.961	165.163	29858.273	34496.078	21.845	23457.334	33.492	1.015	14.732
8/16/2017 10:15	562500	7248	17.961	165.205	29855.637	34493.355	21.843	23455.484	33.495	1.015	14.732
8/16/2017 10:20	562800	72466	17.96	165.159	29860.023	34496.519	21.847	23458.885	33.49	1.015	14.735
8/16/2017 10:25	563100	72465	17.961	165.17	29869.098	34505.777	21.854	23465.969	33.479	1.015	14.729
8/16/2017 10:30	563400	72483	17.961	165.21	29859.025	34496.945	21.846	23457.926	33.491	1.015	14.72

8/16/2017 21:20	602400	72.573	17.961	165.417	29867.488	34507.047	21.853	23464.795	33.481	1.015	14.725
8/16/2017 21:25	602700	72.594	17.96	165.464	29863.609	34502.77	21.85	23461.883	33.486	1.015	14.724
8/16/2017 21:30	603000	72.57	17.96	165.409	29864.633	34504.09	21.851	23462.781	33.484	1.015	14.723
8/16/2017 21:35	603300	72.571	17.96	165.411	29860.551	34499.375	21.848	23459.578	33.489	1.015	14.726
8/16/2017 21:40	603600	72.564	17.961	165.396	29858.064	34496.16	21.845	23457.391	33.492	1.015	14.728
8/16/2017 21:45	603900	72.566	17.961	165.4	29858.15	34496.258	21.845	23457.457	33.492	1.015	14.73
8/16/2017 21:50	604200	72.562	17.961	165.392	29880.979	34522.57	21.864	23475.35	33.466	1.015	14.728
8/16/2017 21:55	604500	72.564	17.961	165.397	29863.537	34502.156	21.849	23461.467	33.486	1.015	14.726
8/16/2017 22:00	604800	72.588	17.961	165.45	29875.012	34515.738	21.859	23470.705	33.473	1.015	14.725
8/16/2017 22:05	605100	72.562	17.96	165.391	29870.502	34510.73	21.855	23467.299	33.478	1.015	14.724
8/16/2017 22:10	605400	72.561	17.96	165.388	29865.539	34504.996	21.851	23463.4	33.483	1.015	14.724
8/16/2017 22:15	605700	72.556	17.961	165.378	29859.729	34498.02	21.847	23458.656	33.49	1.015	14.723
8/16/2017 22:20	606000	72.554	17.961	165.374	29857.82	34495.945	21.845	23457.242	33.492	1.015	14.724
8/16/2017 22:25	606300	72.552	17.961	165.369	29881.809	34523.527	21.864	23476	33.465	1.015	14.726
8/16/2017 22:30	606600	72.553	17.961	165.37	29881.33	34523.039	21.864	23475.668	33.466	1.015	14.727
8/16/2017 22:35	606900	72.57	17.961	165.409	29867.369	34506.98	21.853	23464.746	33.481	1.015	14.726
8/16/2017 22:40	607200	72.548	17.961	165.359	29875.137	34515.883	21.859	23470.803	33.473	1.015	14.726
8/16/2017 22:45	607500	72.569	17.96	165.407	29883.283	34525.434	21.866	23477.297	33.464	1.015	14.725
8/16/2017 22:50	607800	72.546	17.96	165.354	29852.313	34489.781	21.841	23453.053	33.498	1.015	14.726
8/16/2017 22:55	608100	72.557	17.961	165.381	29867.818	34507.43	21.853	23465.053	33.481	1.015	14.727
8/16/2017 23:00	608400	72.556	17.961	165.378	29864.863	34504.086	21.851	23462.779	33.484	1.015	14.729
8/16/2017 23:05	608700	72.536	17.961	165.332	29851.211	34488.18	21.84	23451.963	33.499	1.015	14.729
8/16/2017 23:10	609000	72.529	17.961	165.316	29858.723	34496.922	21.846	23457.906	33.491	1.015	14.729
8/16/2017 23:15	609300	72.524	17.96	165.304	29864.186	34503.434	21.85	23462.338	33.485	1.015	14.73
8/16/2017 23:20	609600	72.523	17.96	165.302	29861.057	34499.82	21.848	23459.881	33.488	1.015	14.73
8/16/2017 23:25	609900	72.519	17.961	165.293	29849.434	34486.258	21.838	23450.656	33.501	1.015	14.731
8/16/2017 23:30	610200	72.515	17.961	165.284	29843.451	34479.148	21.833	23445.822	33.508	1.015	14.732
8/16/2017 23:35	610500	72.513	17.961	165.279	29865.717	34504.871	21.851	23463.314	33.483	1.015	14.731
8/16/2017 23:40	610800	72.511	17.961	165.274	29870.9	34511.059	21.856	23467.52	33.477	1.015	14.731
8/16/2017 23:45	611100	72.509	17.961	165.271	29852.68	34490.008	21.841	23453.207	33.498	1.015	14.73
8/16/2017 23:50	611400	72.528	17.961	165.313	29857.996	34496.016	21.845	23457.293	33.492	1.015	14.73
8/16/2017 23:55	611700	72.501	17.96	165.252	29868.545	34508.668	21.854	23465.895	33.48	1.015	14.73

Report Date: 8/18/2017 9:04
Report User Name: WMassoll
Report Computer Name: WKST52
Application: WinSitu.exe
Application Version: 5.6.27.1

Log File Properties

File Name	MPWSP MW-4S LT Test_2017-08-17_15-04-22-598-BaroMerge.wsl
Create Date	8/18/2017 9:00

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	PMassoli
	Computer Name	PM08BOOK2
	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:	0.019
TDS Factor:	0.68

Log Notes	Date and Time	Note
	4/7/2017 15:13	User Loaded - Used Battery: 1% Used Memory: 3% User Name: W:\Massoli
	4/7/2017 18:40	User Loaded - Used Battery: 1% Used Memory: 4% User Name: W:\Massoli Interval - Start Time: 4/7/2017 3:30:00 PM Stop Time: 4/13/2017 8:00:00 PM
	4/20/2017 7:04	User Download - Used Battery: 2% Used Memory: 6% User Name: A:\VanHaltsma Interval - Start Time: 4/17/2017 10:00:00 PM Stop Time: 4/20/17 8:40:00 AM
	4/27/2017 18:47	User Loaded - Used Battery: 3% Used Memory: 9% User Name: W:\Massoli Interval - Start Time: 4/19/2017 10:00:00 PM Stop Time: 4/27/2017 7:45:00 PM
	5/1/2017 12:48	User Download - Used Battery: 4% Used Memory: 12% User Name: A:\VanHaltsma Interval - Start Time: 3/31/2017 10:00:00 PM Stop Time: 5/4/2017 1:45:00 PM
	5/1/2017 7:12	User Download - Used Battery: 4% Used Memory: 14% User Name: A:\VanHaltsma Interval - Start Time: 5/3/2017 10:00:00 PM Stop Time: 5/1/2017 3:30:00 PM
	5/18/2017 18:50	User Download - Used Battery: 5% Used Memory: 17% User Name: W:\Massoli Interval - Start Time: 5/10/2017 10:00:00 PM Stop Time: 5/18/2017 7:50:00 PM
	5/25/2017 7:03	User Download - Used Battery: 6% Used Memory: 18% User Name: A:\VanHaltsma Interval - Start Time: 5/17/2017 10:00:00 PM Stop Time: 5/25/2017 8:00:00 AM
	6/1/2017 18:10	User Download - Used Battery: 7% Used Memory: 21% User Name: W:\Massoli Interval - Start Time: 4/30/2017 10:00:00 PM Stop Time: 6/1/2017 7:10:00 PM
	6/1/2017 17:11	User Download - Used Battery: 7% Used Memory: 23% User Name: A:\VanHaltsma Interval - Start Time: 5/31/2017 10:00:00 PM Stop Time: 6/8/2017 6:10:00 AM
	6/15/2017 7:19	User Download - Used Battery: 8% Used Memory: 26% User Name: A:\VanHaltsma Interval - Start Time: 6/7/2017 10:00:00 PM Stop Time: 6/15/2017 8:15:00 AM
	6/22/2017 6:39	User Download - Used Battery: 9% Used Memory: 28% User Name: A:\VanHaltsma Interval - Start Time: 6/14/2017 10:00:00 PM Stop Time: 6/22/2017 7:35:00 AM
	6/29/2017 15:55	User Download - Used Battery: 10% Used Memory: 31% User Name: W:\Massoli Interval - Start Time: 6/21/2017 10:00:00 PM Stop Time: 6/29/2017 4:55:00 PM
	7/6/2017 9:22	User Download - Used Battery: 10% Used Memory: 34% User Name: A:\VanHaltsma Interval - Start Time: 5/31/2017 10:00:00 PM Stop Time: 7/6/2017 10:20:00 AM
	7/13/2017 17:45	User Download - Used Battery: 11% Used Memory: 39% User Name: W:\Massoli Interval - Start Time: 7/5/2017 10:00:00 PM Stop Time: 7/13/2017 6:45:00 PM
	7/20/2017 17:19	User Download - Used Battery: 12% Used Memory: 35% User Name: W:\Massoli Interval - Start Time: 7/13/2017 10:00:00 PM Stop Time: 7/20/2017 6:50:00 PM
	7/27/2017 6:50	User Download - Used Battery: 14% Used Memory: 40% User Name: A:\VanHaltsma Interval - Start Time: 7/15/2017 10:00:00 PM Stop Time: 8/3/2017 7:10:00 AM
	8/2/2017 6:37	User Download - Used Battery: 13% Used Memory: 43% User Name: A:\VanHaltsma Interval - Start Time: 6/30/2017 10:00:00 PM Stop Time: 8/2/2017 7:35:00 AM
	8/10/2017 15:35	User Download - Used Battery: 14% Used Memory: 46% User Name: W:\Massoli Interval - Start Time: 8/2/2017 10:00:00 PM Stop Time: 8/10/2017 4:35:00 AM
	8/17/2017 15:02	User Download - Used Battery: 15% Used Memory: 48% User Name: A:\VanHaltsma Interval - Start Time: 8/9/2017 10:00:00 PM Stop Time: 8/17/2017 4:00:00 PM
	8/18/2017 9:00	User Note: "Pressure & Level adjusted by baro data from "MPWSV Barotool 2017-08-17_15-14-23-2017.wsl"

Log Data:		
Record Count	2221	
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: Baro-Adj Calc SNR: 000000	
Date and Time	Elapsed Time Seconds	Corrected Pressure (PSI)	Temperature (C)	Corrected Depth (ft)	Actual Conductivity (µS/cm)	Specific Conductivity (µS/cm)	Salinity (PSU)	Total Dissolved Solids (ppt)	Resistivity (ohm-cm)	Water Density (g/cm3)	Barometric Pressure (PSI)						
8/10/2017 0:00	7200	12.787	17.728	29.145	3159.2	3668.777	1.952	2.495	316.536	1							
8/10/2017 0:05	7500	12.785	17.728	29.142	3160.214	3669.948	1.952	2.496	316.434	1							
8/10/2017 0:10	7800	12.786	17.728	29.142	3159.431	3669.024	1.952	2.495	316.513	1							
8/10/2017 0:15	8100	12.782	17.728	29.135	3159.877	3669.542	1.952	2.495	316.468	1							
8/10/2017 0:20	8400	12.783	17.728	29.138	3159.441	3669.043	1.952	2.495	316.512	1							
8/10/2017 0:25	8700	12.785	17.728	29.141	3159.437	3669.06	1.952	2.495	316.512	1							
8/10/2017 0:30	9000	12.786	17.728	29.143	3159.333	3668.931	1.952	2.495	316.522	1							
8/10/2017 0:35	9300	12.786	17.728	29.143	3159.688	3669.299	1.952	2.495	316.488	1							
8/10/2017 0:40	9600	12.785	17.728	29.142	3159.064	3668.583	1.951	2.495	316.549	1							
8/10/2017 0:45	9900	12.784	17.728	29.14	3159.653	3669.268	1.952	2.495	316.49	1							
8/10/2017 0:50	10200	12.785	17.728	29.142	3159.57	3669.214	1.952	2.495	316.499	1							
8/10/2017 0:55	10500	12.789	17.728	29.15	3158.761	3668.252	1.951	2.494	316.581	1							
8/10/2017 1:00	10800	12.783	17.728	29.136	3159.321	3668.903	1.952	2.495	316.524	1							
8/10/2017 1:05	11100	12.783	17.728	29.137	3159.583	3669.243	1.952	2.495	316.497	1							
8/10/2017 1:10	11400	12.783	17.728	29.137	3159.261	3668.847	1.952	2.495	316.53	1							
8/10/2017 1:15	11700	12.78	17.728	29.129	3158.717	3668.194	1.951	2.494	316.584	1							
8/10/2017 1:20	12000	12.782	17.728	29.134	3159.083	3668.649	1.952	2.495	316.548	1							
8/10/2017 1:25	12300	12.784	17.728	29.138	3158.808	3668.293	1.951	2.494	316.575	1							
8/10/2017 1:30	12600	12.785	17.728	29.142	3158.797	3668.316	1.951	2.494	316.576	1							
8/10/2017 1:35	12900	12.783	17.728	29.137	3157.882	3667.232	1.951	2.494	316.668	1							
8/10/2017 1:40	13200	12.783	17.729	29.135	3158.788	3668.256	1.951	2.494	316.577	1							
8/10/2017 1:45	13500	12.781	17.729	29.132	3158.427	3667.836	1.951	2.494	316.613	1							
8/10/2017 1:50	13800	12.782	17.728	29.135	3157.68	3667.026	1.951	2.493	316.688	1							
8/10/2017 1:55	14100	12.783	17.728	29.136	3158.183	3667.61	1.951	2.494	316.638	1	</						

8/10/2017 9:30	41400	12.78	17.728	29.129	3157.562	3666.888	1.951	2.493	316.7	1	14.717
8/10/2017 9:35	41700	12.777	17.728	29.123	3157.563	3666.846	1.951	2.493	316.7	1	14.72
8/10/2017 9:40	42000	12.775	17.728	29.117	3157.683	3667.014	1.951	2.494	316.688	1	14.723
8/10/2017 9:45	42300	12.772	17.728	29.111	3157.552	3666.842	1.951	2.493	316.701	1	14.726
8/10/2017 9:50	42600	12.776	17.728	29.121	3156.965	3666.195	1.95	2.493	316.76	1	14.722
8/10/2017 9:55	42900	12.781	17.728	29.131	3158.005	3667.404	1.951	2.494	316.656	1	14.717
8/10/2017 10:00	43200	12.786	17.728	29.144	3158.026	3667.399	1.951	2.494	316.654	1	14.724
8/10/2017 10:05	43500	12.783	17.728	29.137	3157.156	3666.402	1.95	2.493	316.741	1	14.716
8/10/2017 10:10	43800	12.783	17.728	29.136	3157.671	3667.009	1.951	2.494	316.689	1	14.719
8/10/2017 10:15	44100	12.777	17.728	29.124	3157.657	3666.984	1.951	2.494	316.691	1	14.723
8/10/2017 10:20	44400	12.775	17.728	29.117	3157.095	3666.34	1.95	2.493	316.747	1	14.725
8/10/2017 10:25	44700	12.775	17.729	29.118	3156.967	3666.134	1.95	2.493	316.76	1	14.727
8/10/2017 10:30	45000	12.771	17.728	29.112	3156.228	3665.34	1.95	2.492	316.834	1	14.729
8/10/2017 10:35	45300	12.774	17.728	29.115	3156.925	3666.134	1.95	2.493	316.764	1	14.727
8/10/2017 10:40	45600	12.776	17.729	29.119	3156.352	3665.427	1.95	2.492	316.821	1	14.726
8/10/2017 10:45	45900	12.778	17.728	29.124	3156.074	3665.155	1.95	2.492	316.849	1	14.725
8/10/2017 10:50	46200	12.776	17.727	29.12	3156.263	3665.416	1.95	2.492	316.83	1	14.727
8/10/2017 10:55	46500	12.772	17.729	29.112	3156.358	3665.434	1.95	2.492	316.821	1	14.729
8/10/2017 11:00	46800	12.771	17.728	29.111	3155.978	3665.043	1.949	2.492	316.859	1	14.732
8/10/2017 11:05	47100	12.772	17.728	29.111	3155.302	3664.25	1.949	2.492	316.927	1	14.729
8/10/2017 11:10	47400	12.774	17.728	29.117	3156.139	3665.208	1.95	2.492	316.843	1	14.727
8/10/2017 11:15	47700	12.778	17.728	29.124	3155.875	3664.923	1.949	2.492	316.869	1	14.725
8/10/2017 11:20	48000	12.777	17.728	29.122	3155.179	3664.121	1.949	2.492	316.939	1	14.726
8/10/2017 11:25	48300	12.774	17.728	29.116	3154.991	3663.897	1.949	2.491	316.958	1	14.728
8/10/2017 11:30	48600	12.774	17.728	29.115	3155.197	3664.107	1.949	2.492	316.937	1	14.729
8/10/2017 11:35	48900	12.774	17.728	29.117	3155.293	3664.225	1.949	2.492	316.928	1	14.728
8/10/2017 11:40	49200	12.775	17.728	29.119	3154.903	3663.772	1.949	2.491	316.967	1	14.727
8/10/2017 11:45	49500	12.776	17.728	29.121	3154.862	3663.747	1.949	2.491	316.971	1	14.727
8/10/2017 11:50	49800	12.776	17.728	29.12	3154.979	3663.883	1.949	2.491	316.959	1	14.726
8/10/2017 11:55	50100	12.775	17.728	29.119	3155.012	3663.913	1.949	2.491	316.956	1	14.726
8/10/2017 12:00	50400	12.776	17.729	29.12	3154.078	3662.786	1.948	2.491	317.05	1	14.725
8/10/2017 12:05	50700	12.775	17.728	29.118	3154.485	3663.295	1.949	2.491	317.009	1	14.726
8/10/2017 12:10	51000	12.774	17.728	29.116	3154.119	3662.876	1.948	2.491	317.046	1	14.727
8/10/2017 12:15	51300	12.773	17.727	29.114	3153.623	3662.342	1.948	2.49	317.096	1	14.728
8/10/2017 12:20	51600	12.773	17.728	29.113	3154.269	3663.044	1.948	2.491	317.031	1	14.727
8/10/2017 12:25	51900	12.776	17.728	29.12	3153.339	3661.984	1.948	2.49	317.124	1	14.725
8/10/2017 12:30	52200	12.774	17.728	29.116	3154.329	3663.085	1.948	2.491	317.025	1	14.724
8/10/2017 12:35	52500	12.775	17.728	29.118	3154.106	3662.84	1.948	2.491	317.047	1	14.724
8/10/2017 12:40	52800	12.774	17.728	29.116	3153.891	3662.576	1.948	2.491	317.069	1	14.725
8/10/2017 12:45	53100	12.774	17.728	29.115	3153.142	3661.756	1.948	2.49	317.144	1	14.726
8/10/2017 12:50	53400	12.771	17.728	29.109	3153.591	3662.277	1.948	2.49	317.099	1	14.727
8/10/2017 12:55	53700	12.771	17.728	29.109	3153.302	3661.935	1.948	2.49	317.128	1	14.727
8/10/2017 13:00	54000	12.771	17.728	29.109	3152.859	3661.389	1.947	2.49	317.171	1	14.728
8/10/2017 13:05	54300	12.772	17.728	29.11	3153.627	3662.276	1.948	2.49	317.095	1	14.726
8/10/2017 13:10	54600	12.773	17.729	29.115	3153.208	3661.775	1.948	2.49	317.137	1	14.725
8/10/2017 13:15	54900	12.776	17.729	29.119	3152.234	3660.623	1.947	2.489	317.235	1	14.723
8/10/2017 13:20	55200	12.774	17.728	29.116	3153.067	3661.683	1.948	2.49	317.152	1	14.725
8/10/2017 13:25	55500	12.772	17.728	29.111	3152.641	3661.146	1.947	2.49	317.194	1	14.727
8/10/2017 13:30	55800	12.769	17.728	29.104	3152.392	3660.803	1.947	2.489	317.219	1	14.729
8/10/2017 13:35	56100	12.769	17.728	29.105	3152.723	3661.235	1.947	2.49	317.186	1	14.73
8/10/2017 13:40	56400	12.77	17.728	29.107	3152.864	3661.447	1.947	2.49	317.172	1	14.731
8/10/2017 13:45	56700	12.768	17.728	29.103	3152.281	3660.728	1.947	2.489	317.231	1	14.731
8/10/2017 13:50	57000	12.772	17.728	29.111	3152.856	3661.424	1.947	2.49	317.173	1	14.728
8/10/2017 13:55	57300	12.774	17.728	29.116	3153.55	3662.195	1.948	2.49	317.103	1	14.725
8/10/2017 14:00	57600	12.778	17.728	29.124	3152.824	3661.381	1.947	2.49	317.176	1	14.722
8/10/2017 14:05	57900	12.776	17.728	29.121	3153.002	3661.588	1.948	2.49	317.158	1	14.723
8/10/2017 14:10	58200	12.774	17.728	29.116	3153.388	3662.006	1.948	2.49	317.119	1	14.725
8/10/2017 14:15	58500	12.775	17.728	29.118	3152.855	3661.43	1.947	2.49	317.173	1	14.726
8/10/2017 14:20	58800	12.771	17.728	29.11	3153.67	3662.341	1.948	2.49	317.091	1	14.726
8/10/2017 14:25	59100	12.771	17.728	29.11	3153.983	3662.733	1.948	2.491	317.059	1	14.727
8/10/2017 14:30	59400	12.771	17.728	29.11	3152.896	3661.484	1.947	2.49	317.169	1	14.727
8/10/2017 14:35	59700	12.771	17.728	29.11	3154.329	3663.135	1.948	2.491	317.025	1	14.729
8/10/2017 14:40	60000	12.772	17.728	29.111	3154.235	3662.99	1.948	2.491	317.034	1	14.726
8/10/2017 14:45	60300	12.771	17.728	29.108	3153.386	3662.01	1.948	2.49	317.119	1	14.726
8/10/2017 14:50	60600	12.772	17.728	29.11	3153.438	3662.057	1.948	2.49	317.114	1	14.725
8/10/2017 14:55	60900	12.772	17.728	29.11	3153.325	3661.933	1.948	2.49	317.126	1	14.725
8/10/2017 15:00	61200	12.771	17.728	29.109	3153.294	3661.911	1.948	2.49	317.129	1	14.724
8/10/2017 15:05	61500	12.77	17.728	29.106	3154.408	3663.212	1.948	2.491	317.101	1	14.724
8/10/2017 15:10	61800	12.768	17.728	29.103	3154.434	3663.25	1.948	2.491	317.014	1	14.724
8/10/2017 15:15	62100	12.768	17.728	29.102	3153.082	3661.701	1.948	2.49	317.15	1	14.725
8/10/2017 15:20	62400	12.774	17.728	29.115	3154.406	3663.239	1.948	2.491	317.017	1	14.721
8/10/2017 15:25	62700	12.773	17.728	29.113	3154.032	3662.754	1.948	2.491	317.055	1	14.718
8/10/2017 15:30	63000	12.778	17.728	29.124	3153.731	3662.418	1.948	2.49	317.085	1	14.714
8/10/2017 15:35	63300	12.777	17.728	29.121	3153.891	3662.611	1.948	2.491	317.069	1	14.715
8/10/2017 15:40	63600	12.775	17.729	29.119	3154.038	3662.74	1.948	2.491	317.054	1	14.716
8/10/2017 15:45	63900	12.774	17.728	29.115	3154.407	3663.197	1.948	2.491	317.017	1	14.717
8/10/2017 15:50	64200	12.772	17.728	29.111	3154.382	3663.21	1.948	2.491	317.019	1	14.718
8/10/2017 15:55	64500	12.771	17.729	29.109	3154.666	3663.469	1.949	2.491	316.991	1	14.719
8/10/2017 16:00	64800	12.771	17.728	29.109	3154.229	3662.997	1.948	2.491	317.035	1	14.72
8/10/2017 16:05	65100	12.77	17.728	29.107	3153.685	3662.286	1.948	2.49	317.089	1	14.719
8/10/2017 16:10	65400	12.77	17.728	29.106	3154.655	3663.498	1.949	2.491	316.992	1	14.718
8/10/2017 16:15	65700	12.771	17.728	29.108	3153.929	3662.627	1.948	2.491	317.065	1	14.718
8/10/2017 16:20	66000	12.771	17.728	29.11	3153.903	3662.611	1.948	2.491	317.067	1	14.717
8/10/2017 16:25	66300	12.771	17.728	29.11	3154.373	3663.199	1.948	2.491	317.02	1	14.717
8/10/2017 16:30	66600	12.771	17.728	29.108	3154.169	3662.92	1.948	2.491	317.041	1	14.716
8/10/2017 16:35	66900	12.77	17.728	29.106	3154.347	3663.134	1.948	2.491	317.023	1	14.715
8/10/2017 16:40	67200	12.771	17.728	29.11	3155.057	3663.966	1.949	2.491	316.951	1	14.715
8/10/2017 16:45	67500	12.77	17.728	29.106	3154.98	3663.912	1.9				

8/11/2017 3:05	104700	12767	17728	29099	3168.295	3679.347	1958	2502	315.627	1	14702
8/11/2017 3:10	105000	12764	17728	29092	3168.914	3680.065	1958	2502	315.566	1	14705
8/11/2017 3:15	105300	12761	17728	29085	3169.165	3680.378	1958	2503	315.541	1	14707
8/11/2017 3:20	105600	12761	17728	29085	3169.285	3680.482	1958	2503	315.529	1	14706
8/11/2017 3:25	105900	12761	17728	29086	3169.214	3680.406	1958	2503	315.536	1	14705
8/11/2017 3:30	106200	12762	17728	29089	3168.783	3679.885	1958	2502	315.579	1	14704
8/11/2017 3:35	106500	12762	17728	29089	3169.592	3680.859	1958	2503	315.498	1	14704
8/11/2017 3:40	106800	12763	17728	2909	3170.185	3681.519	1959	2503	315.439	1	14704
8/11/2017 3:45	107100	12763	17728	29091	3169.571	3680.835	1958	2503	315.5	1	14704
8/11/2017 3:50	107400	12762	17728	29089	3170.13	3681.506	1959	2503	315.444	1	14703
8/11/2017 3:55	107700	12763	17728	29092	3169.086	3680.243	1958	2503	315.548	1	14702
8/11/2017 4:00	108000	12764	17728	29094	3169.836	3681.137	1959	2503	315.474	1	14702
8/11/2017 4:05	108300	12765	17728	29095	3170.446	3681.844	1959	2504	315.413	1	14701
8/11/2017 4:10	108600	12765	17728	29095	3169.914	3681.218	1959	2503	315.466	1	14701
8/11/2017 4:15	108900	12764	17728	29094	3170.845	3682.322	1959	2504	315.373	1	14701
8/11/2017 4:20	109200	12763	17728	29092	3171.074	3682.574	1959	2504	315.351	1	14704
8/11/2017 4:25	109500	12761	17728	29086	3170.407	3681.777	1959	2504	315.417	1	14707
8/11/2017 4:30	109800	12757	17728	29076	3170.599	3682.029	1959	2504	315.398	1	14701
8/11/2017 4:35	110100	12757	17728	29077	3170.484	3681.866	1959	2504	315.409	1	14709
8/11/2017 4:40	110400	12756	17728	29076	3171.208	3682.751	1959	2504	315.337	1	14708
8/11/2017 4:45	110700	12759	17728	29082	3170.96	3682.427	1959	2504	315.362	1	14707
8/11/2017 4:50	111000	1276	17728	29084	3171.004	3682.479	1959	2504	315.357	1	14705
8/11/2017 4:55	111300	12762	17728	29088	3171.598	3683.183	196	2505	315.298	1	14704
8/11/2017 5:00	111600	12762	17728	29088	3171.756	3683.373	196	2505	315.283	1	14702
8/11/2017 5:05	111900	12763	17728	29092	3172.482	3684.209	196	2505	315.211	1	14701
8/11/2017 5:10	112200	12763	17728	29091	3171.548	3683.145	196	2505	315.303	1	147
8/11/2017 5:15	112500	12764	17728	29094	3172.121	3683.79	196	2505	315.247	1	14699
8/11/2017 5:20	112800	1276	17728	29084	3172.487	3684.221	196	2505	315.21	1	14702
8/11/2017 5:25	113100	12757	17728	29076	3173.501	3685.413	1961	2506	315.109	1	14706
8/11/2017 5:30	113400	12753	17728	29068	3173.243	3685.1	1961	2506	315.135	1	14709
8/11/2017 5:35	113700	12757	17728	29077	3172.658	3684.427	196	2505	315.193	1	14707
8/11/2017 5:40	114000	12757	17728	29078	3172.373	3684.067	196	2505	315.221	1	14705
8/11/2017 5:45	114300	12759	17728	29082	3172.687	3684.432	196	2505	315.19	1	14704
8/11/2017 5:50	114600	12761	17727	29087	3173.16	3685.038	1961	2506	315.143	1	14703
8/11/2017 5:55	114900	12762	17728	29089	3173.458	3685.371	1961	2506	315.114	1	14703
8/11/2017 6:00	115200	12762	17728	29088	3174.125	3686.102	1961	2507	315.047	1	14702
8/11/2017 6:05	115500	12762	17728	29088	3174.032	3686.008	1961	2506	315.057	1	14707
8/11/2017 6:10	115800	12763	17728	29091	3173.514	3685.415	1961	2506	315.108	1	14703
8/11/2017 6:15	116100	12762	17727	29087	3173.863	3685.854	1961	2506	315.073	1	14703
8/11/2017 6:20	116400	12765	17728	29096	3173.829	3685.787	1961	2506	315.077	1	14704
8/11/2017 6:25	116700	12764	17728	29093	3174.296	3686.316	1961	2507	315.03	1	14705
8/11/2017 6:30	117000	12765	17728	29095	3174.236	3686.223	1961	2507	315.036	1	14705
8/11/2017 6:35	117300	12761	17728	29086	3175.096	3687	1962	2507	314.951	1	14705
8/11/2017 6:40	117600	1276	17728	29085	3175.26	3687.436	1962	2507	314.935	1	14704
8/11/2017 6:45	117900	12762	17727	29089	3175.157	3687.372	1962	2507	314.945	1	14704
8/11/2017 6:50	118200	12761	17728	29087	3175.173	3687.326	1962	2507	314.944	1	14705
8/11/2017 6:55	118500	12761	17728	29086	3174.243	3686.283	1961	2507	315.036	1	14707
8/11/2017 7:00	118800	12759	17728	29083	3175.075	3687.234	1962	2507	314.953	1	14708
8/11/2017 7:05	119100	12761	17728	29086	3174.666	3686.745	1962	2507	314.994	1	14709
8/11/2017 7:10	119400	12762	17728	29088	3175.771	3688.028	1962	2508	314.884	1	14706
8/11/2017 7:15	119700	12763	17728	29091	3175.698	3687.944	1962	2508	314.891	1	14705
8/11/2017 7:20	120000	12762	17728	29089	3175.501	3687.729	1962	2508	314.911	1	14707
8/11/2017 7:25	120300	12761	17728	29086	3175.422	3687.623	1962	2508	314.919	1	14709
8/11/2017 7:30	120600	12759	17728	29082	3175.45	3687.656	1962	2508	314.916	1	14711
8/11/2017 7:35	120900	1276	17728	29083	3175.991	3688.312	1963	2508	314.862	1	14712
8/11/2017 7:40	121200	12761	17728	29087	3175.406	3687.59	1962	2508	314.92	1	14712
8/11/2017 7:45	121500	1276	17728	29085	3176.474	3688.831	1963	2508	314.814	1	14712
8/11/2017 7:50	121800	12762	17728	29089	3176.019	3688.323	1963	2508	314.86	1	14711
8/11/2017 7:55	122100	12764	17728	29092	3176.283	3688.644	1963	2508	314.833	1	1471
8/11/2017 8:00	122400	12766	17728	29097	3176.243	3688.569	1963	2508	314.837	1	14708
8/11/2017 8:05	122700	12766	17728	29098	3176.952	3689.4	1963	2509	314.767	1	14709
8/11/2017 8:10	123000	12765	17728	29095	3176.871	3689.334	1963	2509	314.775	1	14711
8/11/2017 8:15	123300	12763	17727	2909	3177.002	3689.492	1963	2509	314.762	1	14711
8/11/2017 8:20	123600	12761	17728	29085	3177.238	3689.738	1963	2509	314.739	1	14714
8/11/2017 8:25	123900	1276	17728	29083	3176.784	3689.219	1963	2509	314.784	1	14716
8/11/2017 8:30	124200	12756	17728	29074	3176.976	3689.449	1963	2509	314.765	1	14718
8/11/2017 8:35	124500	1276	17728	29085	3177.611	3690.172	1964	2509	314.702	1	14715
8/11/2017 8:40	124800	12764	17728	29093	3177.242	3689.93	1963	2509	314.738	1	14712
8/11/2017 8:45	125100	12767	17728	29099	3177.885	3690.469	1964	251	314.675	1	14709
8/11/2017 8:50	125400	12765	17728	29096	3177.469	3690	1964	2509	314.716	1	1471
8/11/2017 8:55	125700	12764	17728	29094	3177.729	3690.317	1964	2509	314.69	1	14711
8/11/2017 9:00	126000	12762	17728	29089	3178.036	3690.651	1964	251	314.66	1	14713
8/11/2017 9:05	126300	12762	17727	2909	3179.228	3692.077	1965	2511	314.542	1	14713
8/11/2017 9:10	126600	12763	17728	29093	3178.737	3691.055	1964	251	314.626	1	14715
8/11/2017 9:15	126900	12763	17728	29092	3178.725	3691.451	1964	251	314.592	1	14713
8/11/2017 9:20	127200	12761	17728	29086	3179.493	3692.365	1965	2511	314.516	1	14714
8/11/2017 9:25	127500	12759	17728	29081	3179.605	3692.481	1965	2511	314.504	1	14716
8/11/2017 9:30	127800	12758	17728	29079	3179.685	3692.574	1965	2511	314.497	1	14718
8/11/2017 9:35	128100	12758	17728	29081	3179.284	3692.101	1965	2511	314.536	1	14718
8/11/2017 9:40	128400	12758	17728	29078	3180.021	3692.591	1965	2511	314.465	1	14716
8/11/2017 9:45	128700	12758	17728	2908	3180.479	3693.514	1966	2511	314.418	1	14718
8/11/2017 9:50	129000	12759	17728	29081	3179.995	3692.948	1965	2511	314.466	1	14716
8/11/2017 9:55	129300	12761	17727	29086	3180.196	3693.21	1965	2511	314.446	1	14714
8/11/2017 10:00	129600	12764	17727	29094	3179.79	3692.731	1965	2511	314.486	1	14712
8/11/2017 10:05	129900	12762	17728	2909	3180.786	3693.853	1966	2512	314.388	1	14713
8/11/2017 10:10	130200	12761	17727	29085	3180.716	3693.385	1966	2512	314.395	1	14715
8/11/2017 10:15	130500	12762	17728	29088	3180.778	3693.835	1966	2512	314.388	1	14714
8/11/2017 10:20	130800	12759	17728	29082	3181.306	3694.457	1966	2512	314.336	1	14716
8/11/2017 10:25	131100	12757	17728	29078	3180.978	3694.081	1966	2512	314.369	1	14719
8/11/2017 10:30	131400	12759	17728	29082	3180.845	3693.941	1966	2512	314.382	1	14721
8/11/2017 10:35	131700	12756	17728	29075	3181.141	3694.286	1966	2512	314.353	1	1472
8/11/2017 10:40	132000										

8/11/2017 20:40	168000	12.752	17.728	29.067	3210.13	3727.951	1.985	2.535	311.514	1	14.677
8/11/2017 20:45	168300	12.753	17.728	29.067	3210.809	3728.739	1.985	2.536	311.448	1	14.677
8/11/2017 20:50	168600	12.756	17.728	29.074	3209.672	3727.419	1.985	2.535	311.558	1	14.679
8/11/2017 20:55	168900	12.748	17.728	29.056	3209.601	3727.322	1.985	2.535	311.565	1	14.681
8/11/2017 21:00	169200	12.748	17.728	29.056	3209.898	3727.674	1.985	2.535	311.536	1	14.684
8/11/2017 21:05	169500	12.75	17.727	29.062	3210.328	3728.217	1.985	2.535	311.495	1	14.681
8/11/2017 21:10	169800	12.754	17.728	29.074	3210.569	3728.446	1.985	2.535	311.471	1	14.678
8/11/2017 21:15	170100	12.755	17.727	29.073	3211.383	3729.42	1.986	2.536	311.392	1	14.675
8/11/2017 21:20	170400	12.753	17.727	29.068	3210.479	3728.37	1.985	2.535	311.48	1	14.677
8/11/2017 21:25	170700	12.753	17.727	29.067	3211.518	3729.576	1.986	2.536	311.379	1	14.679
8/11/2017 21:30	171000	12.751	17.728	29.063	3210.764	3728.672	1.985	2.535	311.452	1	14.681
8/11/2017 21:35	171300	12.753	17.728	29.068	3211.228	3729.226	1.986	2.536	311.407	1	14.681
8/11/2017 21:40	171600	12.754	17.728	29.054	3211.772	3729.857	1.986	2.536	311.355	1	14.68
8/11/2017 21:45	171900	12.753	17.728	29.068	3211.42	3729.449	1.986	2.536	311.389	1	14.679
8/11/2017 21:50	172200	12.755	17.728	29.073	3211.717	3729.801	1.986	2.536	311.36	1	14.681
8/11/2017 21:55	172500	12.75	17.728	29.06	3212.035	3730.156	1.986	2.537	311.329	1	14.683
8/11/2017 22:00	172800	12.747	17.728	29.055	3212.933	3731.17	1.987	2.537	311.242	1	14.684
8/11/2017 22:05	173100	12.75	17.728	29.06	3212.715	3730.938	1.987	2.537	311.263	1	14.682
8/11/2017 22:10	173400	12.752	17.727	29.066	3213.059	3731.366	1.987	2.537	311.23	1	14.68
8/11/2017 22:15	173700	12.753	17.728	29.069	3214.513	3733.005	1.988	2.538	311.089	1	14.678
8/11/2017 22:20	174000	12.755	17.728	29.073	3214.257	3732.729	1.988	2.538	311.114	1	14.677
8/11/2017 22:25	174300	12.756	17.728	29.076	3214.265	3732.753	1.988	2.538	311.113	1	14.677
8/11/2017 22:30	174600	12.758	17.727	29.08	3214.918	3733.554	1.988	2.539	311.05	1	14.676
8/11/2017 22:35	174900	12.76	17.727	29.085	3215.721	3734.458	1.989	2.539	310.972	1	14.675
8/11/2017 22:40	175200	12.76	17.728	29.084	3215.361	3734.025	1.988	2.539	311.007	1	14.674
8/11/2017 22:45	175500	12.76	17.728	29.083	3214.951	3733.535	1.988	2.539	311.047	1	14.673
8/11/2017 22:50	175800	12.756	17.728	29.075	3215.244	3733.876	1.988	2.539	311.018	1	14.675
8/11/2017 22:55	176100	12.754	17.728	29.069	3215.018	3733.621	1.988	2.539	311.04	1	14.678
8/11/2017 23:00	176400	12.751	17.728	29.064	3216.343	3735.151	1.989	2.54	310.912	1	14.68
8/11/2017 23:05	176700	12.753	17.728	29.069	3216.251	3735.066	1.989	2.54	310.973	1	14.679
8/11/2017 23:10	177000	12.755	17.728	29.073	3216.925	3735.835	1.989	2.54	310.921	1	14.677
8/11/2017 23:15	177300	12.755	17.728	29.073	3216.925	3735.835	1.989	2.54	310.856	1	14.676
8/11/2017 23:20	177600	12.757	17.728	29.077	3217.139	3736.098	1.99	2.541	310.835	1	14.676
8/11/2017 23:25	177900	12.758	17.727	29.08	3216.012	3734.811	1.989	2.54	310.944	1	14.677
8/11/2017 23:30	178200	12.757	17.728	29.078	3216.928	3735.845	1.989	2.54	310.856	1	14.677
8/11/2017 23:35	178500	12.755	17.727	29.072	3217.037	3736.001	1.99	2.54	310.845	1	14.679
8/11/2017 23:40	178800	12.752	17.728	29.066	3216.945	3735.847	1.989	2.54	310.854	1	14.684
8/11/2017 23:45	179100	12.75	17.728	29.06	3216.615	3735.475	1.989	2.54	310.886	1	14.684
8/11/2017 23:50	179400	12.752	17.728	29.065	3217.09	3735.99	1.989	2.54	310.84	1	14.682
8/11/2017 23:55	179700	12.754	17.728	29.07	3216.879	3735.781	1.989	2.54	310.86	1	14.68
8/12/2017 0:00	180000	12.756	17.728	29.075	3216.665	3735.525	1.989	2.54	310.881	1	14.678
8/12/2017 0:05	180300	12.756	17.727	29.075	3217.672	3736.723	1.99	2.541	310.784	1	14.679
8/12/2017 0:10	180600	12.756	17.728	29.075	3216.51	3735.36	1.989	2.54	310.896	1	14.686
8/12/2017 0:15	180900	12.755	17.728	29.072	3217.517	3736.515	1.99	2.541	310.799	1	14.682
8/12/2017 0:20	181200	12.756	17.728	29.075	3217.527	3736.527	1.99	2.541	310.798	1	14.682
8/12/2017 0:25	181500	12.754	17.728	29.071	3217.579	3736.566	1.99	2.541	310.793	1	14.682
8/12/2017 0:30	181800	12.754	17.728	29.071	3217.193	3736.138	1.99	2.541	310.83	1	14.682
8/12/2017 0:35	182100	12.752	17.728	29.065	3217.082	3736.018	1.99	2.54	310.841	1	14.684
8/12/2017 0:40	182400	12.753	17.728	29.068	3216.955	3735.847	1.991	2.542	310.612	1	14.686
8/12/2017 0:45	182700	12.751	17.728	29.064	3229.118	3750.045	1.997	2.55	309.682	1	14.687
8/12/2017 0:50	183000	12.753	17.727	29.069	3242.958	3766.133	2.007	2.561	308.36	1	14.686
8/12/2017 0:55	183300	12.755	17.728	29.072	3258.257	3783.841	2.017	2.573	306.913	1	14.684
8/12/2017 1:00	183600	12.756	17.727	29.076	3272.838	3800.788	2.026	2.585	305.545	1	14.682
8/12/2017 1:05	183900	12.753	17.727	29.068	3286.431	3816.597	2.035	2.595	304.281	1	14.684
8/12/2017 1:10	184200	12.752	17.728	29.065	3299.922	3832.234	2.044	2.606	303.037	1	14.687
8/12/2017 1:15	184500	12.749	17.728	29.06	3312.126	3846.408	2.052	2.616	301.921	1	14.689
8/12/2017 1:20	184800	12.75	17.727	29.061	3324.749	3861.081	2.06	2.626	300.775	1	14.689
8/12/2017 1:25	185100	12.751	17.728	29.064	3336.806	3875.069	2.068	2.635	299.688	1	14.688
8/12/2017 1:30	185400	12.752	17.727	29.066	3347.803	3887.862	2.075	2.644	298.703	1	14.688
8/12/2017 1:35	185700	12.753	17.727	29.068	3358.733	3900.562	2.082	2.652	297.731	1	14.688
8/12/2017 1:40	186000	12.752	17.728	29.066	3369.809	3913.38	2.09	2.661	296.753	1	14.688
8/12/2017 1:45	186300	12.751	17.728	29.062	3379.134	3924.262	2.096	2.668	295.934	1	14.684
8/12/2017 1:50	186600	12.753	17.727	29.068	3387.873	3934.396	2.102	2.675	295.17	1	14.686
8/12/2017 1:55	186900	12.756	17.728	29.076	3397.303	3945.316	2.108	2.683	294.351	1	14.683
8/12/2017 2:00	187200	12.76	17.728	29.084	3406.999	3956.584	2.114	2.69	293.513	1	14.68
8/12/2017 2:05	187500	12.756	17.728	29.076	3415.422	3966.342	2.12	2.697	292.79	1	14.684
8/12/2017 2:10	187800	12.753	17.727	29.067	3423.792	3976.109	2.125	2.704	292.074	1	14.687
8/12/2017 2:15	188100	12.75	17.727	29.061	3431.528	3985.871	2.13	2.71	291.415	1	14.691
8/12/2017 2:20	188400	12.753	17.728	29.067	3438.956	3993.688	2.135	2.716	290.786	1	14.687
8/12/2017 2:25	188700	12.757	17.728	29.076	3446.206	4002.107	2.14	2.721	290.174	1	14.683
8/12/2017 2:30	189000	12.761	17.727	29.087	3454.264	4011.521	2.145	2.728	289.497	1	14.679
8/12/2017 2:35	189300	12.761	17.727	29.087	3461.051	4019.362	2.15	2.733	288.93	1	14.68
8/12/2017 2:40	189600	12.763	17.727	29.09	3467.503	4026.863	2.154	2.738	288.392	1	14.688
8/12/2017 2:45	189900	12.761	17.728	29.086	3474.568	4035.107	2.159	2.744	287.806	1	14.692
8/12/2017 2:50	190200	12.756	17.727	29.076	3479.927	4041.307	2.162	2.748	287.362	1	14.684
8/12/2017 2:55	190500	12.753	17.727	29.069	3486.8	4049.265	2.167	2.754	286.796	1	14.687
8/12/2017 3:00	190800	12.75	17.727	29.061	3492.656	4056.089	2.171	2.758	286.315	1	14.691
8/12/2017 3:05	191100	12.754	17.728	29.071	3497.672	4061.875	2.174	2.762	285.904	1	14.687
8/12/2017 3:10	191400	12.759	17.727	29.081	3503.344	4068.495	2.178	2.767	285.442	1	14.684
8/12/2017 3:15	191700	12.763	17.728	29.09	3508.221	4074.416	2.181	2.77	285.045	1	14.686
8/12/2017 3:20	192000	12.762	17.727	29.088	3512.322	4078.936	2.184	2.774	284.712	1	14.682
8/12/2017 3:25	192300	12.761	17.727	29.087	3518.196	4085.734	2.187	2.778	284.237	1	14.682
8/12/2017 3:30	192600	12.762	17.727	29.088	3522.463	4090.713	2.19	2.782	283.892	1	14.683
8/12/2017 3:35	192900	12.761	17.727	29.086	3527.01	4095.986	2.193	2.785	283.526	1	14.684
8/12/2017 3:40	193200	12.76	17.727	29.083	3530.886	4100.487	2.196	2.788	283.215	1	14.684
8/12/2017 3:45	193500	12.761	17.727	29.087	3534.424	4105.729	2.198	2.791	282.932	1	14.685
8/12/2017 3:50	193800	12.761	17.727	29.087	3538.185	4108.97	2.201	2.794	282.631	1	14.684
8/12/2017 3:55	194100	12.761	17.72								

8/12/2017 14:15	231300	12.768	17.728	29.103	3266.728	3793.619	2.022	2.58	306.117	1	14.706
8/12/2017 14:20	231600	12.768	17.728	29.103	3267.097	3794.077	2.022	2.58	306.082	1	14.705
8/12/2017 14:25	231900	12.769	17.728	29.105	3265.476	3792.188	2.021	2.579	306.234	1	14.705
8/12/2017 14:30	232200	12.77	17.728	29.106	3264.542	3791.147	2.021	2.578	306.322	1	14.704
8/12/2017 14:35	232500	12.768	17.728	29.103	3264.346	3790.912	2.02	2.578	306.34	1	14.706
8/12/2017 14:40	232800	12.766	17.728	29.097	3264.395	3790.969	2.021	2.578	306.336	1	14.707
8/12/2017 14:45	233100	12.764	17.728	29.094	3264.15	3790.604	2.02	2.578	306.358	1	14.709
8/12/2017 14:50	233400	12.765	17.728	29.095	3262.181	3788.383	2.019	2.576	306.543	1	14.707
8/12/2017 14:55	233700	12.765	17.728	29.096	3261.509	3787.611	2.019	2.576	306.607	1	14.705
8/12/2017 15:00	234000	12.767	17.727	29.1	3261.7	3787.853	2.019	2.576	306.589	1	14.704
8/12/2017 15:05	234300	12.765	17.727	29.095	3260.989	3787.035	2.018	2.575	306.655	1	14.705
8/12/2017 15:10	234600	12.762	17.728	29.089	3259.968	3785.798	2.018	2.574	306.751	1	14.707
8/12/2017 15:15	234900	12.761	17.728	29.086	3259.689	3785.482	2.017	2.574	306.778	1	14.708
8/12/2017 15:20	235200	12.761	17.728	29.087	3258.988	3784.719	2.017	2.574	306.844	1	14.707
8/12/2017 15:25	235500	12.762	17.728	29.088	3259.297	3785.027	2.017	2.574	306.815	1	14.707
8/12/2017 15:30	235800	12.763	17.727	29.09	3257.821	3783.349	2.016	2.573	306.954	1	14.706
8/12/2017 15:35	236100	12.763	17.728	29.09	3257.399	3782.844	2.016	2.572	306.993	1	14.705
8/12/2017 15:40	236400	12.763	17.728	29.091	3257.044	3782.417	2.016	2.572	307.027	1	14.704
8/12/2017 15:45	236700	12.765	17.728	29.096	3256.681	3782.198	2.016	2.572	307.042	1	14.702
8/12/2017 15:50	237000	12.763	17.728	29.091	3256.145	3781.344	2.015	2.571	307.112	1	14.704
8/12/2017 15:55	237300	12.761	17.728	29.086	3255.656	3780.814	2.015	2.571	307.158	1	14.706
8/12/2017 16:00	237600	12.759	17.728	29.082	3258.496	3784.126	2.017	2.573	306.89	1	14.708
8/12/2017 16:05	237900	12.76	17.727	29.083	3266.26	3793.157	2.022	2.579	306.161	1	14.708
8/12/2017 16:10	238200	12.76	17.727	29.085	3276.398	3807.245	2.03	2.589	305.027	1	14.708
8/12/2017 16:15	238500	12.761	17.728	29.085	3291.067	3821.951	2.038	2.599	303.853	1	14.708
8/12/2017 16:20	238800	12.763	17.727	29.092	3303.457	3836.369	2.046	2.609	302.713	1	14.704
8/12/2017 16:25	239100	12.767	17.727	29.099	3316.368	3851.356	2.055	2.619	301.535	1	14.701
8/12/2017 16:30	239400	12.775	17.727	29.117	3327.249	3864.015	2.062	2.628	300.549	1	14.697
8/12/2017 16:35	239700	12.771	17.727	29.109	3339.309	3878.02	2.07	2.637	299.463	1	14.701
8/12/2017 16:40	240000	12.763	17.727	29.09	3349.84	3880.234	2.077	2.645	298.522	1	14.705
8/12/2017 16:45	240300	12.759	17.728	29.082	3360.249	3902.285	2.083	2.654	297.597	1	14.708
8/12/2017 16:50	240600	12.763	17.727	29.09	3370.804	3914.58	2.09	2.662	296.665	1	14.706
8/12/2017 16:55	240900	12.765	17.728	29.095	3380.908	3926.284	2.097	2.67	295.779	1	14.703
8/12/2017 17:00	241200	12.767	17.727	29.101	3389.655	3936.503	2.103	2.677	295.015	1	14.7
8/12/2017 17:05	241500	12.767	17.727	29.099	3399.319	3947.719	2.109	2.684	294.177	1	14.699
8/12/2017 17:10	241800	12.767	17.727	29.099	3408.785	3958.682	2.115	2.692	293.36	1	14.699
8/12/2017 17:15	242100	12.768	17.727	29.101	3416.366	3967.486	2.12	2.698	292.709	1	14.698
8/12/2017 17:20	242400	12.769	17.727	29.103	3424.72	3977.202	2.126	2.704	291.995	1	14.697
8/12/2017 17:25	242700	12.769	17.727	29.104	3432.815	3986.595	2.131	2.711	291.306	1	14.696
8/12/2017 17:30	243000	12.77	17.727	29.106	3439.912	3994.853	2.136	2.717	290.705	1	14.696
8/12/2017 17:35	243300	12.77	17.727	29.106	3447.115	4003.186	2.141	2.722	290.098	1	14.696
8/12/2017 17:40	243600	12.77	17.727	29.107	3453.434	4010.533	2.145	2.727	289.567	1	14.696
8/12/2017 17:45	243900	12.77	17.728	29.106	3460.074	4018.266	2.149	2.732	289.041	1	14.696
8/12/2017 17:50	244200	12.767	17.728	29.099	3466.353	4025.505	2.153	2.737	288.488	1	14.697
8/12/2017 17:55	244500	12.765	17.727	29.095	3472.802	4033.033	2.158	2.742	287.952	1	14.699
8/12/2017 18:00	244800	12.764	17.727	29.093	3478.189	4039.313	2.161	2.747	287.506	1	14.701
8/12/2017 18:05	245100	12.766	17.728	29.098	3484.078	4046.067	2.165	2.751	287.02	1	14.699
8/12/2017 18:10	245400	12.767	17.727	29.1	3489.966	4052.974	2.169	2.756	286.536	1	14.698
8/12/2017 18:15	245700	12.768	17.727	29.103	3496.198	4060.17	2.173	2.761	286.025	1	14.696
8/12/2017 18:20	246000	12.771	17.727	29.11	3501.144	4065.963	2.176	2.765	285.621	1	14.693
8/12/2017 18:25	246300	12.775	17.727	29.119	3506.103	4071.706	2.18	2.769	285.217	1	14.689
8/12/2017 18:30	246600	12.778	17.727	29.125	3511.251	4077.684	2.183	2.773	284.799	1	14.686
8/12/2017 18:35	246900	12.774	17.727	29.116	3516.024	4083.235	2.186	2.777	284.412	1	14.689
8/12/2017 18:40	247200	12.771	17.727	29.109	3519.752	4087.564	2.189	2.78	284.111	1	14.692
8/12/2017 18:45	247500	12.768	17.727	29.103	3524.76	4093.38	2.192	2.783	283.707	1	14.694
8/12/2017 18:50	247800	12.769	17.728	29.105	3528.573	4097.969	2.194	2.786	283.494	1	14.694
8/12/2017 18:55	248100	12.768	17.727	29.101	3532.525	4102.39	2.197	2.79	283.084	1	14.695
8/12/2017 19:00	248400	12.769	17.727	29.104	3536.296	4106.745	2.199	2.793	282.782	1	14.695
8/12/2017 19:05	248700	12.772	17.727	29.111	3539.384	4110.364	2.201	2.795	282.535	1	14.694
8/12/2017 19:10	249000	12.773	17.727	29.113	3543.671	4115.342	2.204	2.798	282.193	1	14.693
8/12/2017 19:15	249300	12.773	17.727	29.113	3546.786	4118.951	2.206	2.801	281.945	1	14.692
8/12/2017 19:20	249600	12.774	17.727	29.117	3549.996	4122.688	2.208	2.803	281.69	1	14.692
8/12/2017 19:25	249900	12.774	17.727	29.115	3552.91	4126.071	2.21	2.806	281.459	1	14.691
8/12/2017 19:30	250200	12.775	17.727	29.119	3556.346	4130.086	2.213	2.808	281.188	1	14.69
8/12/2017 19:35	250500	12.777	17.727	29.122	3558.854	4132.959	2.214	2.81	280.989	1	14.692
8/12/2017 19:40	250800	12.774	17.727	29.116	3562.071	4136.686	2.216	2.813	280.736	1	14.693
8/12/2017 19:45	251100	12.777	17.727	29.123	3564.839	4139.91	2.218	2.815	280.518	1	14.695
8/12/2017 19:50	251400	12.773	17.728	29.113	3567.204	4142.624	2.22	2.817	280.332	1	14.696
8/12/2017 19:55	251700	12.773	17.727	29.113	3569.602	4145.449	2.221	2.819	280.143	1	14.696
8/12/2017 20:00	252000	12.772	17.727	29.111	3572.318	4148.603	2.223	2.821	279.93	1	14.697
8/12/2017 20:05	252300	12.772	17.727	29.112	3574.018	4150.576	2.224	2.822	279.797	1	14.696
8/12/2017 20:10	252600	12.775	17.727	29.118	3576.047	4152.909	2.226	2.824	279.638	1	14.695
8/12/2017 20:15	252900	12.776	17.727	29.122	3578.955	4156.294	2.228	2.826	279.411	1	14.694
8/12/2017 20:20	253200	12.777	17.727	29.123	3580.673	4158.223	2.229	2.828	279.277	1	14.695
8/12/2017 20:25	253500	12.777	17.727	29.122	3582.709	4160.646	2.23	2.829	279.118	1	14.696
8/12/2017 20:30	253800	12.776	17.727	29.121	3583.969	4162.181	2.231	2.83	279.02	1	14.697
8/12/2017 20:35	254100	12.776	17.727	29.12	3586.015	4164.542	2.232	2.832	278.861	1	14.698
8/12/2017 20:40	254400	12.776	17.727	29.12	3588.165	4166.999	2.234	2.834	278.694	1	14.698
8/12/2017 20:45	254700	12.777	17.727	29.123	3589.608	4168.682	2.235	2.835	278.582	1	14.698
8/12/2017 20:50	255000	12.778	17.727	29.124	3591.077	4169.277	2.235	2.835	278.542	1	14.696
8/12/2017 20:55	255300	12.78	17.728	29.129	3592.568	4172.071	2.237	2.837	278.352	1	14.694
8/12/2017 21:00	255600	12.781	17.727	29.131	3593.492	4173.21	2.237	2.838	278.281	1	14.693
8/12/2017 21:05	255900	12.78	17.727	29.129	3595.45	4175.466	2.238	2.839	278.129	1	14.694
8/12/2017 21:10	256200	12.778	17.727	29.125	3596.655	4176.883	2.239	2.84	278.036	1	14.695
8/12/2017 21:15	256500	12.778	17.727	29.126	3599.068	4179.685	2.241	2.842	277.85	1	14.697
8/12/2017 21:20	256800	12.78	17.728	29.129	3600.999	4180.817	2.242	2.843	277.77	1	14.695
8/12/2017 21:25	257100	12.781	17.728	29.131	3601.41	4182.356	2.242	2.844	277.669	1</	

8/13/2017 7:50	294600	12.808	17.728	29.194	3478.027	4039.039	2.161	2.747	287.519	1	14.703
8/13/2017 7:55	294900	12.806	17.728	29.189	3470.52	4030.312	2.156	2.741	288.141	1	14.706
8/13/2017 8:00	295200	12.805	17.728	29.186	3463.985	4022.708	2.152	2.735	288.685	1	14.708
8/13/2017 8:05	295500	12.806	17.728	29.19	3457.032	4014.649	2.147	2.73	289.265	1	14.71
8/13/2017 8:10	295800	12.804	17.728	29.185	3450.713	4007.319	2.143	2.725	289.795	1	14.712
8/13/2017 8:15	296100	12.803	17.728	29.182	3443.203	3998.805	2.138	2.719	290.427	1	14.714
8/13/2017 8:20	296400	12.804	17.728	29.184	3437.193	3991.64	2.134	2.714	290.955	1	14.713
8/13/2017 8:25	296700	12.805	17.728	29.186	3431.145	3984.586	2.13	2.71	291.448	1	14.712
8/13/2017 8:30	297000	12.807	17.728	29.19	3424.367	3976.7	2.126	2.704	292.025	1	14.71
8/13/2017 8:35	297300	12.805	17.728	29.187	3418.103	3969.44	2.121	2.699	292.56	1	14.712
8/13/2017 8:40	297600	12.806	17.728	29.189	3412.197	3962.591	2.118	2.695	293.066	1	14.713
8/13/2017 8:45	297900	12.805	17.728	29.186	3406.342	3955.798	2.114	2.69	293.57	1	14.714
8/13/2017 8:50	298200	12.805	17.728	29.185	3400.125	3949.725	2.11	2.686	294.022	1	14.715
8/13/2017 8:55	298500	12.804	17.728	29.184	3393.76	3943.509	2.107	2.682	294.485	1	14.715
8/13/2017 9:00	298800	12.803	17.728	29.182	3390.083	3936.901	2.103	2.677	294.978	1	14.716
8/13/2017 9:05	299100	12.802	17.728	29.18	3384.121	3929.97	2.099	2.672	295.498	1	14.717
8/13/2017 9:10	299400	12.802	17.728	29.18	3378.902	3923.917	2.096	2.668	295.954	1	14.718
8/13/2017 9:15	299700	12.802	17.728	29.18	3373.523	3917.693	2.092	2.664	296.426	1	14.719
8/13/2017 9:20	300000	12.803	17.728	29.181	3368.229	3911.484	2.089	2.66	296.892	1	14.718
8/13/2017 9:25	300300	12.803	17.728	29.183	3363.003	3905.468	2.085	2.656	297.353	1	14.717
8/13/2017 9:30	300600	12.806	17.728	29.188	3358.19	3899.887	2.082	2.652	297.779	1	14.716
8/13/2017 9:35	300900	12.803	17.727	29.183	3353.165	3894.073	2.079	2.648	298.226	1	14.718
8/13/2017 9:40	301200	12.803	17.728	29.182	3348.136	3888.181	2.075	2.644	298.674	1	14.721
8/13/2017 9:45	301500	12.801	17.728	29.179	3344.048	3883.441	2.073	2.641	299.039	1	14.723
8/13/2017 9:50	301800	12.801	17.728	29.178	3340.254	3879.043	2.07	2.638	299.378	1	14.722
8/13/2017 9:55	302100	12.803	17.728	29.181	3335.812	3873.869	2.067	2.634	299.777	1	14.722
8/13/2017 10:00	302400	12.804	17.728	29.184	3330.566	3867.799	2.064	2.63	300.249	1	14.721
8/13/2017 10:05	302700	12.804	17.727	29.185	3326.686	3863.323	2.061	2.627	300.599	1	14.722
8/13/2017 10:10	303000	12.804	17.728	29.185	3323.409	3859.488	2.059	2.624	300.896	1	14.723
8/13/2017 10:15	303300	12.804	17.727	29.183	3319.725	3855.247	2.057	2.622	301.23	1	14.723
8/13/2017 10:20	303600	12.804	17.728	29.185	3315.412	3850.194	2.054	2.618	301.622	1	14.723
8/13/2017 10:25	303900	12.803	17.728	29.182	3312.089	3846.342	2.052	2.616	301.924	1	14.723
8/13/2017 10:30	304200	12.803	17.728	29.183	3308.627	3842.292	2.05	2.613	302.24	1	14.723
8/13/2017 10:35	304500	12.802	17.728	29.181	3305.333	3838.459	2.047	2.61	302.541	1	14.724
8/13/2017 10:40	304800	12.803	17.728	29.181	3301.552	3834.098	2.045	2.607	302.888	1	14.724
8/13/2017 10:45	305100	12.802	17.728	29.18	3298.074	3830.066	2.043	2.604	303.207	1	14.725
8/13/2017 10:50	305400	12.8	17.728	29.175	3294.675	3826.75	2.041	2.603	303.469	1	14.726
8/13/2017 10:55	305700	12.798	17.728	29.17	3292.507	3823.571	2.039	2.6	303.72	1	14.725
8/13/2017 11:00	306000	12.799	17.728	29.173	3289.501	3820.096	2.037	2.598	303.997	1	14.728
8/13/2017 11:05	306300	12.799	17.727	29.172	3287.584	3817.914	2.036	2.596	304.175	1	14.728
8/13/2017 11:10	306600	12.8	17.727	29.175	3285.121	3815.061	2.034	2.594	304.403	1	14.729
8/13/2017 11:15	306900	12.797	17.727	29.168	3282.51	3812.036	2.032	2.592	304.645	1	14.73
8/13/2017 11:20	307200	12.8	17.728	29.174	3279.298	3808.247	2.03	2.59	304.943	1	14.729
8/13/2017 11:25	307500	12.803	17.728	29.182	3277.438	3806.101	2.029	2.588	305.116	1	14.725
8/13/2017 11:30	307800	12.803	17.727	29.183	3274.782	3803.046	2.027	2.586	305.364	1	14.723
8/13/2017 11:35	308100	12.803	17.728	29.181	3272.947	3800.894	2.026	2.585	305.535	1	14.725
8/13/2017 11:40	308400	12.801	17.727	29.176	3271.425	3799.185	2.025	2.583	305.677	1	14.726
8/13/2017 11:45	308700	12.799	17.728	29.172	3268.33	3795.509	2.023	2.581	305.967	1	14.728
8/13/2017 11:50	309000	12.799	17.728	29.174	3266.813	3793.794	2.022	2.58	306.109	1	14.728
8/13/2017 11:55	309300	12.797	17.727	29.17	3264.143	3790.698	2.02	2.578	306.359	1	14.727
8/13/2017 12:00	309600	12.798	17.728	29.17	3263.136	3789.492	2.02	2.577	306.454	1	14.727
8/13/2017 12:05	309900	12.798	17.728	29.172	3260.906	3786.903	2.018	2.575	306.663	1	14.726
8/13/2017 12:10	310200	12.799	17.727	29.173	3259.151	3784.901	2.017	2.574	306.828	1	14.725
8/13/2017 12:15	310500	12.799	17.728	29.174	3256.927	3782.282	2.016	2.572	307.038	1	14.724
8/13/2017 12:20	310800	12.798	17.728	29.171	3255.292	3780.391	2.015	2.571	307.192	1	14.725
8/13/2017 12:25	311100	12.797	17.728	29.167	3254.247	3779.163	2.014	2.57	307.291	1	14.726
8/13/2017 12:30	311400	12.795	17.728	29.163	3252.075	3776.669	2.012	2.568	307.496	1	14.728
8/13/2017 12:35	311700	12.795	17.728	29.164	3250.802	3775.162	2.012	2.567	307.616	1	14.726
8/13/2017 12:40	312000	12.797	17.728	29.167	3249.61	3773.792	2.011	2.566	307.729	1	14.725
8/13/2017 12:45	312300	12.798	17.727	29.17	3248.016	3771.969	2.01	2.565	307.88	1	14.723
8/13/2017 12:50	312600	12.797	17.727	29.169	3246.015	3769.654	2.008	2.563	308.07	1	14.724
8/13/2017 12:55	312900	12.796	17.728	29.166	3244.636	3768.066	2.008	2.562	308.256	1	14.725
8/13/2017 13:00	313200	12.795	17.727	29.163	3243.546	3766.778	2.007	2.561	308.305	1	14.725
8/13/2017 13:05	313500	12.795	17.728	29.165	3242.368	3765.396	2.006	2.56	308.417	1	14.724
8/13/2017 13:10	313800	12.797	17.727	29.168	3240.651	3763.409	2.005	2.559	308.58	1	14.722
8/13/2017 13:15	314100	12.798	17.728	29.171	3240.269	3762.951	2.005	2.559	308.616	1	14.721
8/13/2017 13:20	314400	12.799	17.728	29.172	3238.124	3760.446	2.003	2.557	308.821	1	14.72
8/13/2017 13:25	314700	12.798	17.728	29.171	3237.085	3759.233	2.003	2.556	308.92	1	14.721
8/13/2017 13:30	315000	12.799	17.728	29.173	3236.309	3758.353	2.002	2.556	308.994	1	14.719
8/13/2017 13:35	315300	12.796	17.728	29.167	3234.767	3756.569	2.001	2.554	309.141	1	14.721
8/13/2017 13:40	315600	12.795	17.728	29.164	3233.389	3754.969	2	2.553	309.273	1	14.724
8/13/2017 13:45	315900	12.793	17.727	29.158	3232.422	3753.853	2	2.553	309.366	1	14.726
8/13/2017 13:50	316200	12.794	17.728	29.162	3231.661	3752.919	1.999	2.552	309.438	1	14.723
8/13/2017 13:55	316500	12.797	17.728	29.168	3230.479	3751.58	1.998	2.551	309.552	1	14.721
8/13/2017 14:00	316800	12.797	17.728	29.169	3229.581	3750.51	1.998	2.55	309.638	1	14.718
8/13/2017 14:05	317100	12.797	17.728	29.168	3229.156	3750.045	1.997	2.55	309.678	1	14.719
8/13/2017 14:10	317400	12.799	17.728	29.172	3227.355	3747.918	1.996	2.549	309.851	1	14.72
8/13/2017 14:15	317700	12.794	17.728	29.162	3226.711	3747.199	1.996	2.548	309.913	1	14.722
8/13/2017 14:20	318000	12.791	17.728	29.155	3225.237	3745.487	1.995	2.547	310.055	1	14.722
8/13/2017 14:25	318300	12.79	17.727	29.152	3224.476	3744.633	1.994	2.546	310.128	1	14.723
8/13/2017 14:30	318600	12.788	17.728	29.148	3223.901	3743.95	1.994	2.546	310.183	1	14.724
8/13/2017 14:35	318900	12.789	17.728	29.151	3222.969	3742.854	1.993	2.545	310.273	1	14.722
8/13/2017 14:40	319200	12.791	17.727	29.154	3222.478	3742.326	1.993	2.545	310.32	1	14.72
8/13/2017 14:45	319500	12.793	17.728	29.158	3221.5	3741.125	1.992	2.544	310.414	1	14.719
8/13/2017 14:50	319800	12.792	17.728	29.157	3220.361	3739.796	1.992	2.543	310.524	1	14.718
8/13/2017 14:55	320100	12.792	17.727	29.153	3219.73	3738.75	1.991	2.542	310.62	1	14.717
8/13/2017 15:00	320400	12.791	17.728	29.155	3218.895	3738.129	1.991	2.542	310.666	1	14.716
8/13/2017 15:05	32										

8/14/2017 1:25	357900	12.811	17.727	29.201	3627.038	4212.157	2.259	2.864	275.707	1	14.692
8/14/2017 1:30	358200	12.808	17.728	29.194	3629.044	4214.448	2.261	2.866	275.555	1	14.694
8/14/2017 1:35	358500	12.815	17.727	29.21	3628.852	4214.249	2.261	2.866	275.569	1	14.693
8/14/2017 1:40	358800	12.812	17.727	29.203	3630.038	4215.609	2.261	2.867	275.479	1	14.691
8/14/2017 1:45	359100	12.813	17.727	29.204	3630.489	4216.165	2.262	2.867	275.445	1	14.69
8/14/2017 1:50	359400	12.81	17.727	29.199	3630.75	4216.479	2.262	2.867	275.425	1	14.691
8/14/2017 1:55	359700	12.808	17.728	29.194	3631.37	4216.87	2.262	2.867	275.363	1	14.693
8/14/2017 2:00	360000	12.806	17.727	29.189	3632.739	4218.779	2.263	2.869	275.274	1	14.694
8/14/2017 2:05	360300	12.807	17.727	29.19	3632.009	4217.931	2.263	2.868	275.33	1	14.693
8/14/2017 2:10	360600	12.809	17.728	29.195	3632.997	4219.013	2.263	2.869	275.255	1	14.692
8/14/2017 2:15	360900	12.809	17.727	29.196	3633.642	4219.803	2.264	2.869	275.206	1	14.691
8/14/2017 2:20	361200	12.812	17.727	29.202	3634.116	4220.353	2.264	2.87	275.17	1	14.69
8/14/2017 2:25	361500	12.812	17.727	29.202	3633.811	4219.999	2.264	2.87	275.193	1	14.689
8/14/2017 2:30	361800	12.812	17.727	29.202	3633.98	4220.237	2.264	2.87	275.18	1	14.688
8/14/2017 2:35	362100	12.813	17.727	29.205	3634.32	4220.599	2.264	2.87	275.155	1	14.689
8/14/2017 2:40	362400	12.81	17.728	29.198	3631.79	4217.637	2.262	2.868	275.346	1	14.69
8/14/2017 2:45	362700	12.809	17.727	29.195	3619.492	4203.37	2.254	2.858	276.282	1	14.69
8/14/2017 2:50	363000	12.811	17.728	29.201	3603.703	4185.01	2.244	2.846	277.492	1	14.689
8/14/2017 2:55	363300	12.813	17.727	29.205	3586.947	4165.567	2.233	2.833	278.789	1	14.688
8/14/2017 3:00	363600	12.814	17.728	29.206	3572.535	4148.799	2.223	2.821	279.913	1	14.687
8/14/2017 3:05	363900	12.815	17.728	29.209	3557.245	4131.042	2.213	2.809	281.116	1	14.686
8/14/2017 3:10	364200	12.815	17.728	29.209	3544.608	4116.383	2.205	2.799	282.119	1	14.686
8/14/2017 3:15	364500	12.815	17.727	29.21	3533.194	4103.143	2.197	2.79	283.03	1	14.685
8/14/2017 3:20	364800	12.813	17.728	29.206	3521.626	4089.702	2.19	2.781	283.96	1	14.686
8/14/2017 3:25	365100	12.813	17.728	29.204	3511.762	4078.254	2.183	2.773	284.757	1	14.687
8/14/2017 3:30	365400	12.812	17.728	29.202	3501.867	4066.7	2.177	2.765	285.562	1	14.688
8/14/2017 3:35	365700	12.81	17.728	29.198	3492.989	4056.438	2.171	2.758	286.288	1	14.688
8/14/2017 3:40	366000	12.809	17.728	29.195	3484.935	4047.061	2.166	2.752	286.949	1	14.688
8/14/2017 3:45	366300	12.81	17.727	29.199	3477.343	4038.29	2.161	2.746	287.576	1	14.687
8/14/2017 3:50	366600	12.806	17.728	29.188	3468.867	4028.386	2.155	2.739	288.279	1	14.691
8/14/2017 3:55	366900	12.803	17.728	29.181	3461.477	4019.803	2.15	2.733	288.894	1	14.695
8/14/2017 4:00	367200	12.8	17.728	29.175	3454.253	4011.452	2.145	2.728	289.498	1	14.699
8/14/2017 4:05	367500	12.803	17.728	29.182	3447.463	4003.568	2.141	2.722	290.068	1	14.695
8/14/2017 4:10	367800	12.805	17.728	29.186	3439.539	3994.35	2.136	2.716	290.737	1	14.692
8/14/2017 4:15	368100	12.81	17.728	29.198	3433.137	3986.923	2.131	2.711	291.279	1	14.688
8/14/2017 4:20	368400	12.81	17.728	29.199	3426.133	3978.775	2.127	2.706	291.874	1	14.686
8/14/2017 4:25	368700	12.814	17.728	29.207	3420.14	3971.83	2.123	2.701	292.386	1	14.686
8/14/2017 4:30	369000	12.815	17.728	29.21	3412.855	3963.385	2.118	2.695	293.01	1	14.681
8/14/2017 4:35	369300	12.815	17.728	29.209	3407.513	3957.173	2.115	2.691	293.469	1	14.682
8/14/2017 4:40	369600	12.813	17.727	29.205	3401.241	3949.921	2.11	2.686	294.01	1	14.683
8/14/2017 4:45	369900	12.812	17.728	29.202	3395.768	3943.502	2.107	2.682	294.484	1	14.683
8/14/2017 4:50	370200	12.812	17.728	29.202	3389.268	3935.969	2.103	2.676	295.049	1	14.683
8/14/2017 4:55	370500	12.812	17.728	29.206	3382.997	3928.711	2.098	2.672	295.596	1	14.696
8/14/2017 5:00	370800	12.812	17.728	29.203	3378.278	3923.192	2.095	2.668	296.009	1	14.683
8/14/2017 5:05	371100	12.817	17.727	29.213	3372.978	3917.082	2.092	2.664	296.474	1	14.682
8/14/2017 5:10	371400	12.814	17.728	29.206	3367.184	3910.339	2.088	2.659	296.984	1	14.681
8/14/2017 5:15	371700	12.814	17.727	29.207	3362.412	3904.812	2.085	2.655	297.406	1	14.681
8/14/2017 5:20	372000	12.813	17.728	29.205	3356.339	3897.699	2.081	2.65	297.944	1	14.682
8/14/2017 5:25	372300	12.815	17.728	29.2	3351.638	3892.292	2.078	2.647	298.362	1	14.683
8/14/2017 5:30	372600	12.812	17.728	29.203	3346.077	3885.797	2.074	2.642	298.857	1	14.684
8/14/2017 5:35	372900	12.812	17.727	29.202	3340.593	3879.481	2.071	2.638	299.348	1	14.684
8/14/2017 5:40	373200	12.81	17.727	29.198	3335.689	3873.809	2.067	2.634	299.788	1	14.684
8/14/2017 5:45	373500	12.81	17.728	29.199	3331.832	3869.269	2.065	2.631	300.135	1	14.683
8/14/2017 5:50	373800	12.808	17.728	29.194	3326.503	3863.095	2.061	2.627	300.616	1	14.686
8/14/2017 5:55	374100	12.805	17.728	29.186	3322.862	3858.83	2.059	2.624	300.945	1	14.69
8/14/2017 6:00	374400	12.801	17.727	29.178	3318.242	3853.533	2.056	2.62	301.364	1	14.693
8/14/2017 6:05	374700	12.804	17.728	29.184	3314.009	3848.594	2.053	2.617	301.749	1	14.691
8/14/2017 6:10	375000	12.807	17.728	29.191	3309.512	3843.357	2.05	2.613	302.159	1	14.688
8/14/2017 6:15	375300	12.81	17.728	29.197	3305.917	3839.174	2.048	2.611	302.488	1	14.686
8/14/2017 6:20	375600	12.813	17.728	29.205	3301.051	3833.523	2.045	2.607	302.934	1	14.684
8/14/2017 6:25	375900	12.815	17.728	29.208	3297.14	3828.989	2.042	2.604	303.293	1	14.682
8/14/2017 6:30	376200	12.816	17.728	29.213	3293.177	3824.712	2.039	2.601	303.658	1	14.68
8/14/2017 6:35	376500	12.815	17.727	29.209	3289.863	3820.559	2.037	2.598	303.964	1	14.681
8/14/2017 6:40	376800	12.814	17.728	29.207	3286.302	3816.417	2.035	2.595	304.293	1	14.683
8/14/2017 6:45	377100	12.812	17.728	29.203	3282.517	3812	2.032	2.592	304.644	1	14.684
8/14/2017 6:50	377400	12.811	17.727	29.2	3279.157	3808.126	2.03	2.59	304.956	1	14.684
8/14/2017 6:55	377700	12.811	17.727	29.2	3275.612	3804.01	2.028	2.587	305.286	1	14.684
8/14/2017 7:00	378000	12.811	17.728	29.2	3272.74	3800.688	2.026	2.584	305.554	1	14.684
8/14/2017 7:05	378300	12.81	17.728	29.198	3269.488	3796.863	2.024	2.582	305.858	1	14.684
8/14/2017 7:10	378600	12.81	17.728	29.198	3266.36	3793.259	2.022	2.579	306.151	1	14.685
8/14/2017 7:15	378900	12.809	17.727	29.196	3263.16	3789.549	2.02	2.577	306.451	1	14.685
8/14/2017 7:20	379200	12.809	17.728	29.196	3260.886	3786.887	2.018	2.575	306.665	1	14.686
8/14/2017 7:25	379500	12.808	17.728	29.192	3258.104	3783.649	2.016	2.573	306.927	1	14.688
8/14/2017 7:30	379800	12.807	17.728	29.192	3255.345	3780.438	2.015	2.571	307.187	1	14.691
8/14/2017 7:35	380100	12.808	17.727	29.192	3252.351	3777.019	2.013	2.568	307.47	1	14.69
8/14/2017 7:40	380400	12.807	17.728	29.191	3250.612	3774.963	2.011	2.567	307.634	1	14.691
8/14/2017 7:45	380700	12.806	17.727	29.189	3248.167	3772.145	2.01	2.565	307.866	1	14.692
8/14/2017 7:50	381000	12.805	17.728	29.185	3244.983	3768.426	2.008	2.563	308.168	1	14.694
8/14/2017 7:55	381300	12.803	17.727	29.182	3243.36	3766.577	2.007	2.561	308.322	1	14.696
8/14/2017 8:00	381600	12.799	17.728	29.17	3239.846	3762.453	2.004	2.558	308.657	1	14.697
8/14/2017 8:05	381900	12.798	17.728	29.172	3238.522	3760.916	2.004	2.557	308.783	1	14.698
8/14/2017 8:10	382200	12.801	17.728	29.178	3235.454	3757.339	2.002	2.555	309.076	1	14.697
8/14/2017 8:15	382500	12.801	17.728	29.177	3233.51	3755.11	2	2.553	309.261	1	14.697
8/14/2017 8:20	382800	12.798	17.728	29.171	3231.481	3752.724	1.999	2.552	309.456	1	14.699
8/14/2017 8:25	383100	12.797	17.728	29.169	3230.196	3751.247	1.998	2.551	309.579	1	14.701
8/14/2017 8:30	383400	12.796	17.727	29.165	3228.024	3749.874	1.997	2.549	309.77	1	14.704
8/14/2017 8:35	383700	12.796	17.728	29.167	3225.636	3745.966	1.995	2.547	310.016	1	14.701
8/14/2017 8:40	384000	12.799	17.728	29.173	3224.576	3744.727					

8/14/2017 19:00	421200	12.773	17.727	29.113	3171.983	3683.679	1.96	2.505	315.26	1	14.682
8/14/2017 19:05	421500	12.774	17.727	29.116	3172.206	3683.923	1.96	2.505	315.238	1	14.68
8/14/2017 19:10	421800	12.776	17.728	29.121	3171.897	3683.551	1.96	2.505	315.269	1	14.678
8/14/2017 19:15	422100	12.779	17.727	29.127	3172.275	3684.019	1.96	2.505	315.231	1	14.676
8/14/2017 19:20	422400	12.777	17.728	29.122	3172.425	3684.164	1.96	2.505	315.216	1	14.678
8/14/2017 19:25	422700	12.777	17.727	29.122	3171.638	3683.279	1.96	2.505	315.294	1	14.68
8/14/2017 19:30	423000	12.773	17.729	29.115	3172.692	3684.502	1.96	2.505	315.19	1	14.681
8/14/2017 19:35	423300	12.774	17.727	29.115	3172.436	3684.198	1.96	2.505	315.215	1	14.68
8/14/2017 19:40	423600	12.774	17.728	29.117	3173.154	3685.017	1.961	2.506	315.144	1	14.678
8/14/2017 19:45	423900	12.776	17.727	29.12	3173.353	3685.255	1.961	2.506	315.124	1	14.676
8/14/2017 19:50	424200	12.774	17.727	29.116	3173.432	3685.362	1.961	2.506	315.116	1	14.676
8/14/2017 19:55	424500	12.775	17.727	29.119	3173.556	3685.513	1.961	2.506	315.104	1	14.676
8/14/2017 20:00	424800	12.776	17.729	29.119	3173.777	3685.065	1.961	2.506	315.142	1	14.676
8/14/2017 20:05	425100	12.777	17.728	29.123	3172.989	3684.825	1.961	2.506	315.16	1	14.675
8/14/2017 20:10	425400	12.778	17.727	29.125	3173.389	3685.312	1.961	2.506	315.121	1	14.674
8/14/2017 20:15	425700	12.778	17.727	29.126	3173.017	3684.88	1.961	2.506	315.157	1	14.673
8/14/2017 20:20	426000	12.776	17.727	29.119	3173.144	3685.012	1.961	2.506	315.145	1	14.674
8/14/2017 20:25	426300	12.773	17.727	29.114	3173.865	3685.878	1.961	2.506	315.073	1	14.675
8/14/2017 20:30	426600	12.775	17.727	29.11	3173.695	3685.66	1.961	2.506	315.09	1	14.677
8/14/2017 20:35	426900	12.774	17.727	29.116	3174.726	3686.857	1.962	2.507	314.988	1	14.675
8/14/2017 20:40	427200	12.777	17.728	29.123	3174.49	3686.547	1.962	2.507	315.011	1	14.673
8/14/2017 20:45	427500	12.778	17.727	29.125	3174.728	3686.852	1.962	2.507	314.988	1	14.671
8/14/2017 20:50	427800	12.773	17.727	29.114	3174.688	3686.813	1.962	2.507	314.992	1	14.673
8/14/2017 20:55	428100	12.776	17.727	29.121	3175.026	3687.213	1.962	2.507	314.958	1	14.676
8/14/2017 21:00	428400	12.769	17.727	29.105	3175.83	3688.147	1.963	2.508	314.878	1	14.679
8/14/2017 21:05	428700	12.768	17.728	29.103	3175.406	3687.633	1.962	2.508	314.92	1	14.679
8/14/2017 21:10	429000	12.77	17.728	29.107	3175.917	3688.219	1.963	2.508	314.87	1	14.678
8/14/2017 21:15	429300	12.771	17.727	29.109	3175.878	3688.187	1.963	2.508	314.874	1	14.678
8/14/2017 21:20	429600	12.771	17.727	29.108	3175.899	3688.227	1.963	2.508	314.871	1	14.679
8/14/2017 21:25	429900	12.77	17.727	29.107	3177.094	3689.6	1.963	2.509	314.753	1	14.68
8/14/2017 21:30	430200	12.771	17.728	29.109	3177.018	3689.491	1.963	2.509	314.761	1	14.681
8/14/2017 21:35	430500	12.772	17.727	29.111	3176.826	3689.303	1.963	2.509	314.78	1	14.679
8/14/2017 21:40	430800	12.772	17.728	29.112	3177.35	3689.876	1.963	2.509	314.728	1	14.678
8/14/2017 21:45	431100	12.776	17.727	29.12	3177.066	3689.567	1.963	2.509	314.756	1	14.676
8/14/2017 21:50	431400	12.773	17.727	29.115	3177.294	3689.832	1.963	2.509	314.733	1	14.679
8/14/2017 21:55	431700	12.771	17.727	29.108	3177.27	3689.811	1.963	2.509	314.736	1	14.682
8/14/2017 22:00	432000	12.767	17.728	29.099	3177.655	3690.23	1.964	2.509	314.698	1	14.686
8/14/2017 22:05	432300	12.766	17.727	29.098	3178.214	3690.929	1.964	2.51	314.642	1	14.686
8/14/2017 22:10	432600	12.765	17.727	29.095	3178.888	3691.711	1.965	2.51	314.575	1	14.687
8/14/2017 22:15	432900	12.764	17.727	29.093	3179.203	3692.049	1.965	2.511	314.544	1	14.688
8/14/2017 22:20	433200	12.764	17.728	29.093	3179.102	3691.917	1.965	2.511	314.554	1	14.687
8/14/2017 22:25	433500	12.764	17.727	29.094	3180.1	3693.098	1.965	2.511	314.455	1	14.686
8/14/2017 22:30	433800	12.765	17.727	29.095	3180.224	3693.24	1.965	2.511	314.443	1	14.686
8/14/2017 22:35	434100	12.766	17.727	29.098	3180.989	3694.166	1.966	2.512	314.368	1	14.684
8/14/2017 22:40	434400	12.767	17.727	29.1	3180.201	3693.215	1.965	2.511	314.446	1	14.683
8/14/2017 22:45	434700	12.768	17.727	29.103	3180.867	3694.01	1.966	2.512	314.38	1	14.681
8/14/2017 22:50	435000	12.768	17.727	29.103	3181.557	3694.811	1.966	2.512	314.312	1	14.681
8/14/2017 22:55	435300	12.768	17.727	29.102	3182.128	3695.46	1.967	2.513	314.255	1	14.682
8/14/2017 23:00	435600	12.768	17.727	29.101	3182.864	3696.3	1.967	2.513	314.182	1	14.682
8/14/2017 23:05	435900	12.768	17.727	29.102	3182.554	3695.956	1.967	2.513	314.213	1	14.681
8/14/2017 23:10	436200	12.771	17.728	29.109	3183.731	3697.301	1.968	2.514	314.097	1	14.679
8/14/2017 23:15	436500	12.772	17.727	29.111	3183.752	3697.331	1.968	2.514	314.095	1	14.677
8/14/2017 23:20	436800	12.77	17.727	29.106	3183.459	3697.013	1.968	2.514	314.124	1	14.679
8/14/2017 23:25	437100	12.768	17.727	29.102	3183.637	3697.235	1.968	2.514	314.106	1	14.68
8/14/2017 23:30	437400	12.767	17.727	29.1	3184.972	3698.785	1.969	2.515	313.975	1	14.681
8/14/2017 23:35	437700	12.765	17.728	29.096	3184.877	3698.617	1.968	2.515	313.984	1	14.682
8/14/2017 23:40	438000	12.764	17.727	29.093	3185.232	3699.065	1.969	2.515	313.949	1	14.682
8/14/2017 23:45	438300	12.765	17.727	29.095	3186.164	3700.132	1.969	2.516	313.857	1	14.683
8/14/2017 23:50	438600	12.763	17.727	29.09	3186.375	3700.377	1.969	2.516	313.836	1	14.684
8/14/2017 23:55	438900	12.761	17.727	29.087	3186.752	3700.831	1.97	2.517	313.799	1	14.684
8/15/2017 0:00	439200	12.76	17.727	29.084	3186.663	3700.74	1.97	2.517	313.808	1	14.685
8/15/2017 0:05	439500	12.762	17.727	29.089	3187.086	3701.211	1.97	2.517	313.766	1	14.679
8/15/2017 0:10	439800	12.763	17.727	29.091	3188.115	3702.413	1.971	2.518	313.665	1	14.681
8/15/2017 0:15	440100	12.765	17.727	29.096	3187.959	3702.233	1.97	2.518	313.68	1	14.679
8/15/2017 0:20	440400	12.762	17.727	29.089	3189.139	3703.61	1.971	2.518	313.564	1	14.68
8/15/2017 0:25	440700	12.766	17.727	29.098	3188.636	3703.019	1.971	2.518	313.614	1	14.681
8/15/2017 0:30	441000	12.76	17.727	29.084	3189.558	3704.074	1.971	2.519	313.523	1	14.683
8/15/2017 0:35	441300	12.761	17.727	29.082	3190.082	3704.468	1.972	2.519	313.472	1	14.681
8/15/2017 0:40	441600	12.762	17.727	29.088	3189.954	3704.55	1.972	2.519	313.484	1	14.681
8/15/2017 0:45	441900	12.762	17.727	29.089	3190.29	3704.931	1.972	2.519	313.451	1	14.68
8/15/2017 0:50	442200	12.764	17.727	29.093	3190.653	3705.346	1.972	2.52	313.415	1	14.679
8/15/2017 0:55	442500	12.765	17.727	29.095	3191.888	3706.795	1.973	2.521	313.294	1	14.678
8/15/2017 1:00	442800	12.766	17.728	29.098	3191.922	3706.813	1.973	2.521	313.291	1	14.677
8/15/2017 1:05	443100	12.764	17.727	29.093	3191.74	3706.629	1.973	2.521	313.309	1	14.679
8/15/2017 1:10	443400	12.762	17.728	29.088	3191.947	3706.842	1.973	2.521	313.288	1	14.678
8/15/2017 1:15	443700	12.761	17.727	29.086	3193.058	3708.139	1.974	2.522	313.179	1	14.679
8/15/2017 1:20	444000	12.762	17.727	29.089	3192.974	3708.057	1.974	2.521	313.188	1	14.677
8/15/2017 1:25	444300	12.764	17.727	29.093	3193.633	3708.822	1.974	2.522	313.123	1	14.674
8/15/2017 1:30	444600	12.766	17.727	29.098	3194.774	3710.139	1.975	2.523	313.011	1	14.672
8/15/2017 1:35	444900	12.765	17.727	29.097	3194.982	3710.97	1.975	2.523	312.991	1	14.672
8/15/2017 1:40	445200	12.766	17.727	29.097	3195.262	3710.72	1.975	2.523	312.963	1	14.672
8/15/2017 1:45	445500	12.764	17.727	29.093	3195.432	3710.925	1.975	2.523	312.947	1	14.672
8/15/2017 1:50	445800	12.765	17.727	29.095	3194.919	3710.337	1.975	2.523	312.997	1	14.672
8/15/2017 1:55	446100	12.764	17.727	29.094	3195.424	3710.901	1.975	2.523	312.948	1	14.671
8/15/2017 2:00	446400	12.764	17.727	29.093	3197.056	3712.819	1.976	2.525	312.788	1	14.671
8/15/2017 2:05	446700	12.763	17.727	29.091	3196.977	3712.754	1.976	2.525	312.796	1	14.672
8/15/2017 2:10	447000	12.761	17.727	29.087	3196.786	3712.497	1.976	2.524	312.814	1	14.674
8/15/20											

8/15/2017 12:35	484500	12749	17727	29058	3215349	3734033	1988	2539	311008	1	14706
8/15/2017 12:40	484800	12752	17728	29065	3214544	3733084	1988	2538	311086	1	14703
8/15/2017 12:45	485100	12753	17727	29068	3214405	3732936	1988	2538	311.1	1	14699
8/15/2017 12:50	485400	12753	17727	29068	3214211	3732711	1988	2538	311.118	1	14701
8/15/2017 12:55	485700	12756	17727	29074	3212828	3731.12	1987	2537	312.252	1	14702
8/15/2017 13:00	486000	12749	17727	29059	3212466	3730461	1986	2537	311.307	1	14704
8/15/2017 13:05	486300	29.25	17727	29062	3212046	3730219	1986	2537	311.265	1	14702
8/15/2017 13:10	486600	12753	17728	29068	3211756	3729847	1986	2536	311.356	1	14701
8/15/2017 13:15	486900	12753	17727	29069	3211684	3729785	1986	2536	311.363	1	14699
8/15/2017 13:20	487200	12751	17727	29064	3211477	3729566	1986	2536	311.383	1	14701
8/15/2017 13:25	487500	12752	17727	29065	3210788	3728766	1985	2536	311.45	1	14703
8/15/2017 13:30	487800	12749	17728	29059	3211261	3729264	1986	2536	311.404	1	14704
8/15/2017 13:35	488100	12747	17747	29055	3728815	3710856	1985	2536	311.443	1	14705
8/15/2017 13:40	488400	12746	17728	29052	3209.98	3727798	1985	2535	311.528	1	14706
8/15/2017 13:45	488700	12744	17727	29048	3209788	3727574	1985	2535	311.547	1	14706
8/15/2017 13:50	489000	12748	17727	29056	3209419	3727139	1985	2534	311.583	1	14704
8/15/2017 13:55	489300	1275	17727	29062	3209792	3727.58	1985	2535	311.547	1	14702
8/15/2017 14:00	489600	12752	17728	29067	3208.6	3726.174	1984	2534	311.662	1	14699
8/15/2017 14:05	489900	12753	17727	29067	3207841	3725325	1983	2533	311.736	1	14699
8/15/2017 14:10	490200	12752	17727	29065	3208795	3726436	1984	2534	311.643	1	14699
8/15/2017 14:15	490500	12752	17727	29066	3208167	3725706	1984	2533	311.705	1	14699
8/15/2017 14:20	490800	12749	17727	2906	3207879	3725366	1984	2533	311.732	1	14699
8/15/2017 14:25	491100	1275	17727	29061	3207825	3725345	1983	2533	311.738	1	14699
8/15/2017 14:30	491400	1275	17727	2906	3206876	3724.193	1983	2532	311.83	1	14699
8/15/2017 14:35	491700	12752	17727	29066	3206517	3723776	1983	2532	311.865	1	14698
8/15/2017 14:40	492000	12752	17727	29066	3206061	3723247	1982	2532	311.909	1	14697
8/15/2017 14:45	492300	12752	17728	29066	3206735	3724015	1983	2532	311.844	1	14696
8/15/2017 14:50	492600	12751	17728	29064	3205.22	3722.249	1982	2531	311.991	1	14697
8/15/2017 14:55	492900	1275	17728	29061	3206487	3723719	1983	2532	311.868	1	14698
8/15/2017 15:00	493200	12748	17727	29056	3205427	3722576	1982	2531	311.971	1	14.7
8/15/2017 15:05	493500	12747	17727	29054	3204593	3721572	1981	2531	312.052	1	14699
8/15/2017 15:10	493800	12748	17727	29056	3204874	3721861	1982	2531	312.025	1	14699
8/15/2017 15:15	494100	12749	17728	29058	3204446	3721.35	1981	2531	312.066	1	14698
8/15/2017 15:20	494400	12747	17727	29054	3204132	3721	1981	253	312.097	1	14698
8/15/2017 15:25	494700	12748	17727	29057	3204767	3721744	1981	2531	312.035	1	14698
8/15/2017 15:30	495000	12747	17727	29055	3204327	3721248	1981	253	312.078	1	14698
8/15/2017 15:35	495300	12749	17727	29058	3203.86	3720.72	1981	253	312.124	1	14699
8/15/2017 15:40	495600	12747	17727	29055	3204273	3721.2	1981	253	312.083	1	14699
8/15/2017 15:45	495900	12747	17727	29054	3203621	3720406	1981	253	312.147	1	14.7
8/15/2017 15:50	496200	12747	17727	29054	3203323	3720.06	1981	253	312.176	1	14698
8/15/2017 15:55	496500	12751	17727	29063	3203383	3720.137	1981	253	312.17	1	14696
8/15/2017 16:00	496800	12752	17728	29067	3204083	3720928	1981	253	312.102	1	14694
8/15/2017 16:05	497100	12751	17727	29063	3203838	3720.68	1981	253	312.126	1	14694
8/15/2017 16:10	497400	12751	17727	29063	3203677	3720492	1981	253	312.141	1	14694
8/15/2017 16:15	497700	12.75	17728	29062	3202927	3719593	1.98	2529	312.214	1	14694
8/15/2017 16:20	498000	12749	17727	29059	3204116	3720995	1981	253	312.099	1	14694
8/15/2017 16:25	498300	12749	17727	29058	3203077	3719774	1.98	2529	312.2	1	14694
8/15/2017 16:30	498600	12752	17727	29066	3203485	3720248	1981	253	312.16	1	14695
8/15/2017 16:35	498900	12749	17727	29059	3202969	3718189	1.98	2529	312.275	1	14693
8/15/2017 16:40	499200	12752	17727	29063	3202895	3719592	1.98	2529	312.218	1	14692
8/15/2017 16:45	499500	12752	17727	29067	3201897	3718455	1.98	2529	312.315	1	14691
8/15/2017 16:50	499800	12753	17727	29069	3202302	3718925	1.98	2529	312.275	1	14691
8/15/2017 16:55	500100	12753	17727	29068	3201499	3717978	1979	2528	312.354	1	14691
8/15/2017 17:00	500400	12751	17727	29064	3201317	3717759	1979	2528	312.371	1	14691
8/15/2017 17:05	500700	1275	17727	29061	3200.59	3716885	1979	2527	312.442	1	14692
8/15/2017 17:10	501000	12.75	17727	29062	3200556	3716378	1979	2528	312.436	1	14693
8/15/2017 17:15	501300	12748	17727	29057	3200973	3717.33	1979	2528	312.405	1	14695
8/15/2017 17:20	501600	12748	17727	29057	3200763	3717.124	1979	2528	312.426	1	14695
8/15/2017 17:25	501900	12748	17727	29057	3200849	3717.186	1979	2528	312.417	1	14695
8/15/2017 17:30	502200	12749	17727	29058	3200.54	3716865	1979	2527	312.447	1	14695
8/15/2017 17:35	502500	12748	17727	29057	3199.542	3715706	1978	2527	312.545	1	14695
8/15/2017 17:40	502800	12748	17727	29056	3198865	3714566	1978	2526	312.611	1	14694
8/15/2017 17:45	503100	12747	17727	29055	3199.106	3715.2	1978	2526	312.587	1	14695
8/15/2017 17:50	503400	12748	17727	29056	3199.07	3715.142	1978	2526	312.591	1	14694
8/15/2017 17:55	503700	12747	17727	29054	3198.631	3714.626	1977	2526	312.634	1	14693
8/15/2017 18:00	504000	12747	17727	29055	3198.267	3714.21	1977	2526	312.669	1	14692
8/15/2017 18:05	504300	12748	17728	29056	3198.058	3713939	1977	2525	312.69	1	14693
8/15/2017 18:10	504600	12747	17728	29054	3198.999	3715054	1978	2526	312.598	1	14698
8/15/2017 18:15	504900	12746	17727	29052	3197.682	3713524	1977	2525	312.727	1	14694
8/15/2017 18:20	505200	12747	17727	29055	3197.671	3713.54	1977	2525	312.728	1	14692
8/15/2017 18:25	505500	12749	17727	29059	3198.269	3714.219	1977	2526	312.669	1	14691
8/15/2017 18:30	505800	12751	17727	29063	3197.28	3713.05	1977	2525	312.766	1	14689
8/15/2017 18:35	506100	1275	17727	29061	3196.616	3712.286	1976	2524	312.831	1	14689
8/15/2017 18:40	506400	12.75	17727	2906	3197.181	3712.949	1977	2525	312.776	1	14699
8/15/2017 18:45	506700	12748	17727	29056	3196.146	3711.746	1976	2524	312.877	1	14.69
8/15/2017 18:50	507000	12747	17727	29055	3196.682	3712.376	1976	2524	312.824	1	14691
8/15/2017 18:55	507300	12747	17727	29054	3196.115	3711.689	1976	2524	312.88	1	14692
8/15/2017 19:00	507600	12744	17727	29049	3196.557	3712.209	1976	2524	312.837	1	14693
8/15/2017 19:05	507900	12747	17727	29054	3196.076	3711.651	1976	2524	312.884	1	14692
8/15/2017 19:10	508200	12748	17727	29056	3195.745	3711.296	1976	2524	312.916	1	14691
8/15/2017 19:15	508500	12749	17727	29059	3195.595	3711.1	1975	2524	312.931	1	14.69
8/15/2017 19:20	508800	12747	17727	29054	3195.608	3711.107	1975	2524	312.93	1	14691
8/15/2017 19:25	509100	12748	17727	29056	3195.518	3711.002	1975	2523	312.938	1	14691
8/15/2017 19:30	509400	12747	17727	29054	3195.152	3710.57	1975	2523	312.974	1	14691
8/15/2017 19:35	509700	12746	17727	29053	3195.578	3711.065	1975	2524	312.932	1	14691
8/15/2017 19:40	510000	12747	17727	29053	3195.338	3710.52	1975	2523	312.956	1	14691
8/15/2017 19:45	510300	12747	17727	29054	3194.609	3709.962	1975	2523	313.027	1	14.69
8/15/2017 19:50	510600	12748	17728	29056	3194.508	3709.816	1975	2523	313.037	1	14.69
8/15/2017 19:55	510900	12749	17727	29058	3194.342	3709.645	1975	2523	313.054	1	14.69
8/15/2017 20:00	511200	12749	17727	2906	3194.571	3709.947	1975	2523	313.031	1	14.69
8/15/2017 20:05	511500	12746	17727	29053	3195.086	3710.523	1975	2523	312.981	1	14691
8/15/2017 20:10	511800	12745	17727	29049							

8/16/2017 6:10	547800	12.74	17.727	29.039	3197.449	3713.26	1.977	2.525	312.749	1	14.709
8/16/2017 6:15	548100	12.743	17.727	29.044	3197.045	3712.791	1.976	2.525	312.789	1	14.708
8/16/2017 6:20	548400	12.741	17.727	29.042	3196.534	3712.191	1.976	2.524	312.839	1	14.71
8/16/2017 6:25	548700	12.739	17.727	29.037	3197.295	3713.059	1.977	2.525	312.764	1	14.712
8/16/2017 6:30	549000	12.738	17.727	29.034	3197.409	3713.228	1.977	2.525	312.753	1	14.714
8/16/2017 6:35	549300	12.739	17.727	29.037	3197.977	3711.528	1.976	2.524	312.893	1	14.712
8/16/2017 6:40	549600	12.741	17.727	29.041	3197.085	3712.831	1.976	2.525	312.785	1	14.711
8/16/2017 6:45	549900	12.744	17.727	29.048	3196.442	3712.09	1.976	2.524	312.848	1	14.709
8/16/2017 6:50	550200	12.739	17.727	29.037	3197.039	3712.791	1.976	2.525	312.789	1	14.714
8/16/2017 6:55	550500	12.735	17.727	29.028	3197.186	3713.011	1.977	2.525	312.775	1	14.719
8/16/2017 7:00	550800	12.732	17.727	29.02	3196.82	3712.544	1.976	2.524	312.811	1	14.723
8/16/2017 7:05	551100	12.733	17.727	29.022	3196.002	3711.558	1.976	2.524	312.891	1	14.722
8/16/2017 7:10	551400	12.737	17.727	29.03	3197.083	3712.842	1.976	2.525	312.785	1	14.721
8/16/2017 7:15	551700	12.737	17.727	29.031	3196.469	3712.108	1.976	2.524	312.845	1	14.72
8/16/2017 7:20	552000	12.739	17.727	29.036	3196.131	3711.751	1.976	2.524	312.878	1	14.719
8/16/2017 7:25	552300	12.741	17.727	29.041	3195.812	3711.374	1.976	2.524	312.91	1	14.718
8/16/2017 7:30	552600	12.748	17.727	29.057	3196.24	3711.856	1.976	2.524	312.868	1	14.717
8/16/2017 7:35	552900	12.743	17.727	29.044	3195.978	3711.53	1.976	2.524	312.893	1	14.718
8/16/2017 7:40	553200	12.741	17.727	29.04	3196.744	3712.47	1.976	2.524	312.819	1	14.719
8/16/2017 7:45	553500	12.741	17.727	29.04	3195.782	3711.331	1.976	2.524	312.912	1	14.72
8/16/2017 7:50	553800	12.738	17.727	29.035	3195.878	3711.435	1.976	2.524	312.903	1	14.722
8/16/2017 7:55	554100	12.737	17.727	29.031	3196.7	3712.39	1.976	2.524	312.823	1	14.724
8/16/2017 8:00	554400	12.735	17.727	29.028	3195.693	3711.228	1.976	2.524	312.921	1	14.726
8/16/2017 8:05	554700	12.737	17.727	29.031	3195.726	3711.274	1.976	2.524	312.918	1	14.725
8/16/2017 8:10	555000	12.737	17.727	29.03	3195.59	3711.13	1.975	2.524	312.931	1	14.725
8/16/2017 8:15	555300	12.737	17.727	29.032	3195.336	3710.813	1.975	2.523	312.956	1	14.724
8/16/2017 8:20	555600	12.741	17.727	29.041	3196.587	3712.259	1.976	2.524	312.834	1	14.721
8/16/2017 8:25	555900	12.744	17.727	29.047	3196.749	3712.425	1.976	2.524	312.818	1	14.718
8/16/2017 8:30	556200	12.748	17.727	29.056	3196.032	3711.622	1.976	2.524	312.888	1	14.715
8/16/2017 8:35	556500	12.744	17.727	29.048	3195.352	3710.825	1.975	2.523	312.955	1	14.72
8/16/2017 8:40	556800	12.74	17.727	29.038	3196.294	3711.933	1.976	2.524	312.862	1	14.724
8/16/2017 8:45	557100	12.735	17.727	29.027	3195.489	3711.02	1.975	2.523	312.941	1	14.729
8/16/2017 8:50	557400	12.741	17.727	29.04	3196.009	3711.588	1.976	2.524	312.89	1	14.728
8/16/2017 8:55	557700	12.739	17.727	29.036	3196.741	3712.424	1.976	2.524	312.819	1	14.727
8/16/2017 9:00	558000	12.74	17.727	29.038	3195.781	3711.337	1.976	2.524	312.913	1	14.725
8/16/2017 9:05	558300	12.737	17.727	29.031	3195.691	3711.247	1.976	2.524	312.921	1	14.729
8/16/2017 9:10	558600	12.736	17.727	29.02	3196	3711.599	1.976	2.524	312.891	1	14.733
8/16/2017 9:15	558900	12.729	17.727	29.013	3195.901	3711.478	1.976	2.524	312.901	1	14.737
8/16/2017 9:20	559200	12.731	17.727	29.017	3195.603	3711.102	1.975	2.524	312.93	1	14.735
8/16/2017 9:25	559500	12.739	17.727	29.036	3195.809	3711.355	1.976	2.524	312.91	1	14.733
8/16/2017 9:30	559800	12.736	17.727	29.03	3196.393	3712.011	1.976	2.524	312.853	1	14.731
8/16/2017 9:35	560100	12.734	17.727	29.024	3196.173	3711.807	1.976	2.524	312.874	1	14.732
8/16/2017 9:40	560400	12.734	17.727	29.026	3196.7	3712.406	1.976	2.524	312.823	1	14.733
8/16/2017 9:45	560700	12.733	17.727	29.022	3196.015	3711.631	1.976	2.524	312.89	1	14.735
8/16/2017 9:50	561000	12.734	17.727	29.025	3197.062	3712.817	1.976	2.525	312.787	1	14.734
8/16/2017 9:55	561300	12.733	17.727	29.022	3196.719	3712.427	1.976	2.524	312.821	1	14.733
8/16/2017 10:00	561600	12.734	17.728	29.025	3196.702	3712.35	1.976	2.524	312.822	1	14.732
8/16/2017 10:05	561900	12.734	17.727	29.025	3196.752	3712.466	1.976	2.524	312.818	1	14.732
8/16/2017 10:10	562200	12.735	17.727	29.026	3196.774	3712.408	1.976	2.524	312.815	1	14.732
8/16/2017 10:15	562500	12.738	17.727	29.035	3196.334	3711.965	1.976	2.524	312.858	1	14.732
8/16/2017 10:20	562800	12.736	17.727	29.028	3196.273	3711.895	1.976	2.524	312.864	1	14.731
8/16/2017 10:25	563100	12.737	17.727	29.032	3196.139	3711.732	1.976	2.524	312.878	1	14.729
8/16/2017 10:30	563400	12.739	17.727	29.036	3196.737	3712.427	1.976	2.524	312.819	1	14.728
8/16/2017 10:35	563700	12.737	17.727	29.032	3195.926	3711.476	1.976	2.524	312.898	1	14.729
8/16/2017 10:40	564000	12.738	17.727	29.035	3195.715	3711.246	1.976	2.524	312.919	1	14.73
8/16/2017 10:45	564300	12.736	17.727	29.03	3195.532	3711.049	1.975	2.524	312.937	1	14.732
8/16/2017 10:50	564600	12.734	17.727	29.025	3195.631	3711.148	1.975	2.524	312.927	1	14.733
8/16/2017 10:55	564900	12.734	17.727	29.024	3196.073	3711.663	1.976	2.524	312.884	1	14.735
8/16/2017 11:00	565200	12.731	17.727	29.018	3196.208	3711.796	1.976	2.524	312.871	1	14.736
8/16/2017 11:05	565500	12.733	17.727	29.022	3196.881	3712.586	1.976	2.525	312.805	1	14.737
8/16/2017 11:10	565800	12.731	17.728	29.018	3196.705	3712.361	1.976	2.524	312.822	1	14.737
8/16/2017 11:15	566100	12.73	17.727	29.015	3196.966	3712.698	1.976	2.525	312.797	1	14.738
8/16/2017 11:20	566400	12.732	17.727	29.02	3196.473	3712.148	1.976	2.524	312.845	1	14.736
8/16/2017 11:25	566700	12.735	17.727	29.027	3196.604	3712.301	1.976	2.524	312.832	1	14.734
8/16/2017 11:30	567000	12.736	17.727	29.03	3197.281	3713.072	1.977	2.525	312.766	1	14.732
8/16/2017 11:35	567300	12.737	17.727	29.031	3196.61	3712.301	1.976	2.524	312.831	1	14.733
8/16/2017 11:40	567600	12.734	17.727	29.026	3197.3	3713.116	1.977	2.525	312.764	1	14.733
8/16/2017 11:45	567900	12.735	17.727	29.026	3197.53	3713.347	1.977	2.525	312.747	1	14.734
8/16/2017 11:50	568200	12.735	17.727	29.027	3197.215	3712.982	1.977	2.525	312.772	1	14.732
8/16/2017 11:55	568500	12.735	17.727	29.027	3197.479	3713.288	1.977	2.525	312.746	1	14.731
8/16/2017 12:00	568800	12.735	17.727	29.027	3197.025	3712.774	1.976	2.525	312.791	1	14.729
8/16/2017 12:05	569100	12.736	17.727	29.029	3198.36	3714.333	1.977	2.526	312.66	1	14.729
8/16/2017 12:10	569400	12.734	17.727	29.026	3197.766	3713.644	1.977	2.525	312.718	1	14.729
8/16/2017 12:15	569700	12.734	17.727	29.024	3198.546	3714.55	1.977	2.526	312.642	1	14.73
8/16/2017 12:20	570000	12.735	17.727	29.027	3197.995	3713.901	1.977	2.525	312.696	1	14.729
8/16/2017 12:25	570300	12.735	17.727	29.028	3198.622	3714.643	1.977	2.526	312.635	1	14.729
8/16/2017 12:30	570600	12.736	17.727	29.029	3198.909	3714.978	1.978	2.526	312.607	1	14.728
8/16/2017 12:35	570900	12.736	17.727	29.029	3198.912	3714.937	1.978	2.526	312.606	1	14.728
8/16/2017 12:40	571200	12.735	17.728	29.028	3199.729	3715.871	1.978	2.527	312.527	1	14.728
8/16/2017 12:45	571500	12.736	17.728	29.03	3197.526	3715.996	1.979	2.527	312.465	1	14.728
8/16/2017 12:50	571800	12.735	17.727	29.028	3200.372	3716.67	1.979	2.527	312.464	1	14.727
8/16/2017 12:55	572100	12.737	17.727	29.032	3200.365	3716.64	1.979	2.527	312.464	1	14.725
8/16/2017 13:00	572400	12.737	17.727	29.032	3200.17	3716.448	1.978	2.527	312.483	1	14.724
8/16/2017 13:05	572700	12.738	17.727	29.034	3200.72	3717.08	1.979	2.528	312.43	1	14.726
8/16/2017 13:10	573000	12.735	17.727	29.027	3200.354	3716.64	1.979	2.527	312.465	1	14.727
8/16/2017 13:15	573300	12.733	17.727	29.024	3201.067	3717.477	1.979	2.528	312.396	1	14.729
8/16/2017 13:20	573600	12.732	17.727	29.02	3201.981	3718.559	1.98	2.529	312.307	1	14.73
8/16/2017 13:25	57										

8/16/2017 23:45	611100	12.728	17.727	29.012	3207.479	3724.914	1.983	2.533	311.771	1	14.73
8/16/2017 23:50	611400	12.728	17.727	29.011	3207.406	3724.844	1.983	2.533	311.778	1	14.73
8/16/2017 23:55	611700	12.73	17.727	29.016	3207.537	3724.975	1.983	2.533	311.766	1	14.73

Report Date:	8/18/2017 9:04										
Report User Name:	WMassoll										
Report Computer Name:	WKST52										
Application:	WinSitu.exe										
Application Version:	5.6.27.1										
Log File Properties											
File Name	MPWSP MW-5D Pre Test_2017-08-17_14-24-12-583-BaroMerge.wsl										
Create Date	8/18/2017 9:00										
Device Properties											
Device	Aqua TROLL 200										
Site	MPWSP MW-5D										
Device Name											
Serial Number	398697										
Firmware Version	2										
Hardware Version	2										
Device Address	1										
Device Comm Cfg	19200										
Used Memory	87										
Used Battery	37										
Log Configuration											
Log Name	MPWSP MW-5D Pre Test										
Created By	Skuiper										
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: Skuiper											
1/26/2017 10:46 Log Download - Used Battery: 37% Used Memory: 90% User Name: Skuiper											
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: Skuiper 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											
5/25/2017 11:02 Log Download - Used Battery: 43% Used Memory: 100% User Name: AVanHaitsma Interval - Start Time: 5/17/2017 10:00:00 PM Stop Time: 5/25/2017 11:45:00 AM											
6/1/2017 16:48 Log Download - Used Battery: 43% Used Memory: 100% User Name: WMassoll Interval - Start Time: 4/30/2017 10:00:00 PM Stop Time: 6/1/2017 5:45:00 PM											
6/8/2017 11:18 Log Download - Used Battery: 44% Used Memory: 100% User Name: WMassoll Interval - Start Time: 5/31/2017 10:00:00 PM Stop Time: 6/8/2017 12:00:00 PM											
6/15/2017 7:55 Log Download - Used Battery: 44% Used Memory: 100% User Name: AVanHaitsma Interval - Start Time: 6/7/2017 10:00:00 PM Stop Time: 6/15/2017 8:45:00 AM											
6/15/2017 10:21 Log Download - Used Battery: 44% Used Memory: 100% User Name: AVanHaitsma Interval - Start Time: 6/7/2017 10:00:00 PM Stop Time: 6/15/2017 10:45:00 AM											
6/22/2017 11:51 Log Download - Used Battery: 45% Used Memory: 100% User Name: AVanHaitsma Interval - Start Time: 6/14/2017 10:00:00 PM Stop Time: 6/22/2017 12:45:00 PM											
6/29/2017 14:52 Log Download - Used Battery: 45% Used Memory: 100% User Name: WMassoll Interval - Start Time: 6/21/2017 10:00:00 PM Stop Time: 6/29/2017 3:45:00 PM											
7/6/2017 8:05 Log Download - Used Battery: 45% Used Memory: 100% User Name: AVanHaitsma Interval - Start Time: 5/31/2017 10:00:00 PM Stop Time: 7/6/2017 9:00:00 AM											
7/13/2017 11:42 Log Download - Used Battery: 46% Used Memory: 100% User Name: WMassoll Interval - Start Time: 7/5/2017 10:00:00 PM Stop Time: 7/13/2017 12:30:00 PM											
7/20/2017 10:46 Log Download - Used Battery: 46% Used Memory: 100% User Name: WMassoll Interval - Start Time: 7/12/2017 10:00:00 PM Stop Time: 7/20/2017 11:45:00 AM											
7/27/2017 10:05 Log Download - Used Battery: 46% Used Memory: 100% User Name: AVanHaitsma Interval - Start Time: 7/19/2017 10:00:00 PM Stop Time: 7/27/2017 11:00:00 AM											
8/3/2017 9:38 Log Download - Used Battery: 47% Used Memory: 100% User Name: AVanHaitsma Interval - Start Time: 6/30/2017 10:00:00 PM Stop Time: 8/3/2017 10:30:00 AM											
8/10/2017 10:54 Log Download - Used Battery: 47% Used Memory: 100% User Name: WMassoll Interval - Start Time: 8/2/2017 10:00:00 PM Stop Time: 8/10/2017 10:45:00 AM											
8/10/2017 10:56 Log Download - Used Battery: 47% Used Memory: 100% User Name: WMassoll Interval - Start Time: 8/2/2017 10:00:00 PM Stop Time: 8/10/2017 11:45:00 AM											
8/17/2017 14:25 Log Download - Used Battery: 47% Used Memory: 100% User Name: AVanHaitsma Interval - Start Time: 8/9/2017 10:00:00 PM Stop Time: 8/17/2017 4:15:00 PM											
8/18/2017 9:00 User Note: "Pressure & Level adjusted by baro data from: "MPWSP Barotroll_2017-08-17_15-14-23-201.wsl""											
Log Data:											
Record Count	738										
Sensors	2										
	1										
	398697 PCTD 300 PSIA (200.7m/658.7ft)										
	2										
	0 Baro-Adjustment Calc										
Time Zone: Pacific Daylight Time											
Date and Time	Elapsed Time Seconds	Sensor: PCTD(A) 658.7ft SNR: 398697 Corrected Pressure (PSI)	Sensor: PCTD(A) 658.7ft SNR: 398697 Temperature (C)	Sensor: PCTD(A) 658.7ft SNR: 398697 Corrected Depth (ft)	Sensor: PCTD(A) 658.7ft SNR: 398697 Actual Conductivity (µS/cm)	Sensor: PCTD(A) 658.7ft SNR: 398697 Specific Conductivity (µS/cm)	Sensor: PCTD(A) 658.7ft SNR: 398697 Salinity (PSU)	Sensor: PCTD(A) 658.7ft SNR: 398697 Total Dissolved Solids (ppt)	Sensor: PCTD(A) 658.7ft SNR: 398697 Resistivity (ohm-cm)	Sensor: PCTD(A) 658.7ft SNR: 398697 Water Density (g/cm3)	Sensor: PCTD(A) 658.7ft SNR: 000000 Barometric Pressure (PSI)
8/10/2017 0:00	7200	141.167	21.313	321.764	4863.496	5231.933		2.852	3.558	205.613	14.711
8/10/2017 0:15	8100	141.21	21.311	321.86	4863.131	5231.737		2.852	3.558	205.629	1
8/10/2017 0:30	9000	141.174	21.307	321.78	4860.95	5229.816		2.851	3.556	205.721	1
8/10/2017 0:45	9900	141.177	21.306	321.786	4859.724	5228.618		2.85	3.555	205.773	1
8/10/2017 1:00	10800	141.182	21.306	321.798	4858.036	5226.802		2.849	3.554	205.845	1
8/10/2017 1:15	11700	141.217	21.307	321.876	4856.599	5225.101	2.848	2.848	3.553	205.907	1
8/10/2017 1:30	12600	141.189	21.308	321.814	4855.323	5223.667	2.847	2.847	3.552	205.96	1
8/10/2017 1:45	13500	141.18	21.31	321.793	4855.152	5223.268	2.847	2.847	3.552	205.967	1
8/10/2017 2:00	14400	141.186	21.309	321.807	4854.013	5222.126	2.846	2.846	3.551	206.015	1
8/10/2017 2:15	15300	141.188	21.306	321.81	4853.47	5221.946	2.846	2.846	3.551	206.038	1
8/10/2017 2:30	16200	141.185	21.303	321.804	4852.11	5220.718	2.846	2.846	3.55	206.096	1
8/10/2017 2:45	17100	141.22	21.304	321.854	4849.654	5218.055	2.844	2.844	3.548	206.2	1
8/10/2017 3:00	18000	141.19	21.302	321.815	4848.049	5216.49	2.843	2.843	3.547	206.269	1
8/10/2017 3:15	18900	141.192	21.302	321.82	4846.795	5215.14	2.842	2.842	3.546	206.322	1
8/10/2017 3:30	19800	141.193	21.3	321.821	4845.163	5213.61	2.841	2.841	3.545	206.391	1
8/10/2017 3:45	20700	141.199	21.301	321.835	4845.155	5213.45	2.841	2.841	3.545	206.392	1
8/10/2017 4:00	21600	141.196	21.302	321.83	4844.807	5213.048	2.841	2.841	3.545	206.407	1
8/10/2017 4:15	22500	141.201	21.302	321.84	4844.152	5212.343	2.841	2.841	3.544	206.434	1
8/10/2017 4:30	23400	141.229	21.303	321.905	4844.579	5212.652	2.841	2.841	3.545	206.416	1
8/10/2017 4:45	24300	141.198	21.303	321.833	4843.596	5211.585	2.84	2.84	3.544	206.458	1
8/10/2017 5:00	25200	141.196	21.306	321.828	4843.776	5211.526	2.84	2.84	3.544	206.451	1
8/10/2017 5:15	26100	141.239	21.304	321.928	4843.277	5211.102	2.84	2.84	3.544	206.472	1
8/10/2017 5:30	27000	141.206	21.305	321.852	4843.668	5211.495	2.84	2.84	3.544	206.455	1
8/10/2017 5:45	27900	141.203	21.305	321.822	4842.917	5210.752	2.84	2.84	3.543	206.487	1
8/10/2017 6:00	28800	141.199	21.304	321.836	4842.083	5209.836	2.839	2.839	3.543	206.523	1
8/10/2017 6:15	29700	141.199	21.306	321.835	4842.627	5210.271	2.84	2.84	3.543	206.499	1
8/10/2017 6:30	30600	141.198	21.306	321.833	4843.123	5210.766	2.84	2.84	3.543	206.478	1
8/10/2017 6:45	31500	141.188	21.303	321.811	4841.531	5209.364	2.839	2.839	3.542	206.546	1
8/10/2017 7:00	32400	141.194	21.305	321.825	4843.059	5210.792	2.84	2.84	3.543	206.481	1
8/10/2017 7:15	33300	141.19	21.305	321.817	4841.985	5209.693	2.839	2.839	3.543	206.527	1
8/10/2017 7:30	34200	141.188	21.306	321.822	4842.429	5209.872	2.839	2.839	3.542	206.516	1
8/10/2017 7:45	35100	141.189	21.306	321.813	4842.11	5209.667	2.839	2.839	3.543	206.522	1
8/10/2017 8:00	36000	141.198	21.307	321.833	4843.519	5211.137	2.84	2.84	3.544	206.461	1
8/10/2017 8:15	36900	141.225	21.304	321.894	4842.366	5210.167	2.839	2.839	3.543	206.511	1
8/10/2017 8:30	37800	141.185	21.305	321.805	4843.254	5211.03	2.84	2.84	3.544	206.473	1
8/10/2017 8:45	38700	141.225	21.306	321.895	4843.538	5211.295	2.84	2.84	3.544	206.461	1
8/10/2017 9:00	39600	141.183	21.306	321.801	4843.523	5212.364	2.841	2.841	3.544	206.419	1
8/10/2017 9:15	40500	141.19	21.307	321.816	4845.442	5213.141	2.841	2.841	3.545	206.38	1
8/10/2017 9:30	41400	141.191	21.306	321.818	4846.36	5214.212	2.842	2.842	3.546	206.34	1
8/10/2017 9:45	42300	141.18	21.306	321.792	4847.518	5215.458	2.843	2.843	3.547	206.291	1
8/10/2017 10:00	43200	141.223	21.307	321.892	4847.749	5215.668	2.843	2.843	3.547	206.281	1
8/10/201											

8/11/2017 1:00	97200	141.192	21.334	321.82	4904.833	5274.122	2.877	3.586	203.881	1	14.706
8/11/2017 1:15	98100	141.191	21.331	321.818	4904.229	5273.842	2.876	3.586	203.906	1	14.709
8/11/2017 1:30	99000	141.204	21.329	321.847	4903.514	5273.217	2.876	3.586	203.935	1	14.702
8/11/2017 1:45	99900	141.199	21.328	321.836	4903.741	5273.575	2.876	3.586	203.926	1	14.704
8/11/2017 2:00	100800	141.166	21.326	321.76	4903.809	5273.865	2.876	3.586	203.923	1	14.7
8/11/2017 2:15	101700	141.207	21.329	321.854	4904.14	5273.965	2.877	3.586	203.909	1	14.706
8/11/2017 2:30	102600	141.193	21.325	321.823	4904.297	5273.499	2.876	3.586	203.903	1	14.71
8/11/2017 2:45	103500	141.205	21.328	321.851	4904.763	5274.664	2.877	3.587	203.883	1	14.702
8/11/2017 3:00	104400	141.215	21.329	321.871	4904.421	5274.201	2.877	3.586	203.898	1	14.7
8/11/2017 3:15	105300	141.214	21.332	321.869	4904.521	5274.061	2.877	3.586	203.894	1	14.707
8/11/2017 3:30	106200	141.213	21.332	321.869	4905.898	5275.486	2.877	3.587	203.836	1	14.704
8/11/2017 3:45	107100	141.22	21.333	321.884	4906.237	5275.698	2.878	3.587	203.822	1	14.704
8/11/2017 4:00	108000	141.225	21.336	321.894	4906.481	5275.733	2.878	3.587	203.812	1	14.702
8/11/2017 4:15	108900	141.223	21.33	321.891	4906.521	5276.347	2.878	3.588	203.81	1	14.701
8/11/2017 4:30	109800	141.221	21.327	321.887	4906.436	5276.596	2.878	3.588	203.814	1	14.71
8/11/2017 4:45	110700	141.222	21.329	321.888	4906.772	5276.71	2.878	3.588	203.8	1	14.707
8/11/2017 5:00	111600	141.229	21.332	321.905	4907.357	5277.045	2.878	3.588	203.776	1	14.702
8/11/2017 5:15	112500	141.238	21.332	321.925	4907.277	5276.998	2.878	3.588	203.779	1	14.699
8/11/2017 5:30	113400	141.219	21.328	321.882	4907.461	5277.633	2.879	3.589	203.771	1	14.709
8/11/2017 5:45	114300	141.192	21.329	321.821	4909.51	5279.75	2.88	3.59	203.686	1	14.704
8/11/2017 6:00	115200	141.23	21.327	321.907	4908.225	5278.558	2.879	3.589	203.74	1	14.702
8/11/2017 6:15	116100	141.233	21.325	321.912	4908.543	5279.082	2.88	3.59	203.726	1	14.703
8/11/2017 6:30	117000	141.192	21.331	321.82	4909.466	5279.398	2.88	3.59	203.688	1	14.705
8/11/2017 6:45	117900	141.235	21.328	321.917	4909.054	5279.356	2.88	3.59	203.705	1	14.704
8/11/2017 7:00	118800	141.204	21.325	321.847	4909.196	5279.765	2.88	3.59	203.699	1	14.708
8/11/2017 7:15	119700	141.236	21.325	321.92	4908.8	5279.405	2.88	3.59	203.716	1	14.705
8/11/2017 7:30	120600	141.192	21.332	321.82	4910.299	5280.19	2.88	3.591	203.654	1	14.711
8/11/2017 7:45	121500	141.225	21.336	321.896	4912.956	5282.6	2.882	3.592	203.543	1	14.712
8/11/2017 8:00	122400	141.195	21.333	321.827	4914.436	5284.591	2.883	3.594	203.482	1	14.708
8/11/2017 8:15	123300	141.233	21.331	321.918	4913.613	5283.905	2.882	3.593	203.516	1	14.711
8/11/2017 8:30	124200	141.189	21.325	321.813	4912.892	5283.767	2.882	3.593	203.546	1	14.718
8/11/2017 8:45	125100	141.232	21.33	321.911	4913.416	5283.835	2.882	3.593	203.524	1	14.709
8/11/2017 9:00	126000	141.232	21.324	321.912	4912.762	5283.732	2.882	3.593	203.551	1	14.713
8/11/2017 9:15	126900	141.226	21.326	321.898	4912.538	5283.292	2.882	3.593	203.561	1	14.713
8/11/2017 9:30	127800	141.223	21.323	321.891	4911.875	5282.864	2.882	3.592	203.588	1	14.718
8/11/2017 9:45	128700	141.175	21.328	321.781	4913.208	5283.813	2.882	3.593	203.533	1	14.718
8/11/2017 10:00	129600	141.223	21.327	321.891	4913.647	5284.333	2.883	3.593	203.515	1	14.712
8/11/2017 10:15	130500	141.226	21.327	321.899	4914.461	5285.227	2.883	3.594	203.481	1	14.714
8/11/2017 10:30	131400	141.182	21.332	321.797	4914.421	5284.689	2.883	3.594	203.483	1	14.721
8/11/2017 10:45	132300	141.174	21.334	321.778	4915.377	5285.422	2.883	3.594	203.443	1	14.718
8/11/2017 11:00	133200	141.21	21.337	321.861	4916.999	5286.909	2.884	3.595	203.376	1	14.717
8/11/2017 11:15	134100	141.223	21.332	321.891	4915.667	5286.01	2.884	3.594	203.431	1	14.711
8/11/2017 11:30	135000	141.221	21.336	321.887	4916.798	5286.986	2.884	3.595	203.386	1	14.72
8/11/2017 11:45	135900	141.191	21.333	321.818	4916.543	5286.79	2.884	3.595	203.395	1	14.712
8/11/2017 12:00	136800	141.219	21.33	321.882	4915.528	5286.042	2.884	3.595	203.437	1	14.716
8/11/2017 12:15	137700	141.212	21.338	321.866	4917.726	5287.521	2.884	3.596	203.346	1	14.719
8/11/2017 12:30	138600	141.225	21.338	321.895	4919.271	5289.182	2.885	3.597	203.282	1	14.71
8/11/2017 12:45	139500	141.224	21.339	321.893	4920.371	5290.334	2.886	3.597	203.237	1	14.716
8/11/2017 13:00	140400	141.228	21.333	321.922	4919.58	5290.122	2.886	3.597	203.269	1	14.715
8/11/2017 13:15	141300	141.233	21.327	321.915	4918.929	5290.042	2.886	3.597	203.296	1	14.71
8/11/2017 13:30	142200	141.245	21.33	321.941	4918.968	5289.76	2.886	3.597	203.295	1	14.703
8/11/2017 13:45	143100	141.24	21.329	321.93	4919.062	5289.965	2.886	3.597	203.291	1	14.708
8/11/2017 14:00	144000	141.197	21.332	321.832	4919.306	5289.941	2.886	3.597	203.281	1	14.709
8/11/2017 14:15	144900	141.243	21.332	321.935	4919.753	5290.347	2.886	3.597	203.262	1	14.712
8/11/2017 14:30	145800	141.243	21.33	321.937	4919.756	5290.56	2.886	3.598	203.262	1	14.705
8/11/2017 14:45	146700	141.256	21.323	321.965	4919.324	5290.915	2.886	3.598	203.28	1	14.704
8/11/2017 15:00	147600	141.257	21.325	321.967	4918.888	5290.255	2.886	3.597	203.298	1	14.704
8/11/2017 15:15	148500	141.221	21.325	321.887	4919.729	5291.16	2.887	3.598	203.263	1	14.7
8/11/2017 15:30	149400	141.252	21.331	321.956	4920.321	5291.1	2.886	3.598	203.239	1	14.695
8/11/2017 15:45	150300	141.299	21.329	322.065	4920.039	5291.035	2.886	3.598	203.25	1	14.697
8/11/2017 16:00	151200	141.26	21.33	322.075	4921.186	5292.191	2.887	3.599	203.203	1	14.7
8/11/2017 16:15	152100	141.262	21.332	322.08	4922.757	5293.491	2.888	3.6	203.138	1	14.698
8/11/2017 16:30	153000	141.266	21.338	321.988	4925.368	5295.755	2.889	3.601	203.031	1	14.687
8/11/2017 16:45	153900	141.252	21.34	321.957	4927.109	5297.465	2.89	3.602	202.959	1	14.699
8/11/2017 17:00	154800	141.263	21.335	321.982	4927.321	5298.208	2.891	3.603	202.95	1	14.694
8/11/2017 17:15	155700	141.258	21.334	321.971	4926.529	5297.509	2.89	3.602	202.983	1	14.691
8/11/2017 17:30	156600	141.276	21.33	322.012	4925.909	5297.271	2.89	3.602	203.008	1	14.685
8/11/2017 17:45	157500	141.275	21.322	322.008	4926.364	5297.708	2.89	3.602	203.026	1	14.688
8/11/2017 18:00	158400	141.282	21.338	322.025	4928.445	5299.045	2.891	3.603	202.904	1	14.677
8/11/2017 18:15	159300	141.276	21.339	322.011	4929.524	5300.176	2.892	3.604	202.859	1	14.682
8/11/2017 18:30	160200	141.248	21.339	321.948	4930.296	5300.958	2.892	3.605	202.828	1	14.676
8/11/2017 18:45	161100	141.286	21.332	322.033	4928.942	5300.323	2.892	3.604	202.883	1	14.676
8/11/2017 19:00	162000	141.256	21.33	321.965	4928.948	5300.463	2.892	3.604	202.883	1	14.666
8/11/2017 19:15	162900	141.289	21.331	322.042	4928.936	5300.335	2.892	3.604	202.884	1	14.676
8/11/2017 19:30	163800	141.292	21.328	322.047	4928.857	5300.575	2.892	3.604	202.887	1	14.672
8/11/2017 19:45	164700	141.281	21.328	322.023	4929.555	5301.355	2.892	3.605	202.858	1	14.677
8/11/2017 20:00	165600	141.286	21.33	322.035	4929.448	5301.03	2.892	3.605	202.862	1	14.678
8/11/2017 20:15	166500	141.254	21.333	321.963	4929.946	5301.221	2.892	3.605	202.842	1	14.67
8/11/2017 20:30	167400	141.283	21.333	322.028	4930.408	5301.738	2.893	3.605	202.823	1	14.675
8/11/2017 20:45	168300	141.284	21.329	322.03	4929.651	5301.363	2.892	3.605	202.854	1	14.677
8/11/2017 21:00	169200	141.281	21.331	322.022	4930.274	5301.774	2.893	3.605	202.828	1	14.684
8/11/2017 21:15	170100	141.25	21.329	321.952	4930.12	5301.837	2.893	3.605	202.835	1	14.675
8/11/2017 21:30	171000	141.206	21.335	321.852	4932.309	5303.562	2.894	3.606	202.745	1	14.681
8/11/2017 21:45	171900	141.284	21.334	322.03	4932.252	5303.614	2.894	3.606	202.747	1	14.679
8/11/2017 22:00	172800	141.272	21.337	322.003	4933.058	5304.195	2.894	3.607	202.714	1	14.684
8/11/2017 22:15	173700	141.285	21.334	322.022	4935.724	5306.039	2.896	3.609	202.605	1	14.688
8/11/201											

8/13/2017 5:45	287100	141.096	21.311	321.602	4894.16	5265.119	2.871	3.58	204.325	1	14.7
8/13/2017 6:00	288000	141.135	21.31	321.69	4894.343	5265.42	2.872	3.58	204.318	1	14.697
8/13/2017 6:15	288900	141.139	21.31	321.699	4893.408	5264.404	2.871	3.58	204.357	1	14.704
8/13/2017 6:30	289800	141.06	21.31	321.518	4892.992	5263.957	2.871	3.579	204.374	1	14.701
8/13/2017 6:45	290700	141.145	21.309	321.714	4892.012	5263.091	2.87	3.579	204.415	1	14.698
8/13/2017 7:00	291600	141.096	21.309	321.602	4890.653	5261.582	2.869	3.578	204.472	1	14.706
8/13/2017 7:15	292500	141.148	21.309	321.719	4889.379	5259.222	2.869	3.577	204.525	1	14.703
8/13/2017 7:30	293400	141.101	21.309	321.613	4888.456	5259.182	2.868	3.576	204.564	1	14.704
8/13/2017 7:45	294300	141.113	21.31	321.641	4888.681	5259.319	2.868	3.576	204.554	1	14.701
8/13/2017 8:00	295200	141.099	21.311	321.609	4887.429	5257.896	2.867	3.575	204.607	1	14.708
8/13/2017 8:15	296100	141.133	21.311	321.685	4887.657	5258.114	2.867	3.576	204.597	1	14.714
8/13/2017 8:30	297000	141.136	21.309	321.694	4887.337	5257.997	2.867	3.575	204.61	1	14.71
8/13/2017 8:45	297900	141.104	21.309	321.62	4886.341	5257.104	2.867	3.575	204.652	1	14.714
8/13/2017 9:00	298800	141.138	21.305	321.697	4884.714	5255.601	2.866	3.574	204.72	1	14.716
8/13/2017 9:15	299700	141.119	21.303	321.653	4882.817	5253.749	2.865	3.573	204.8	1	14.719
8/13/2017 9:30	300600	141.149	21.303	321.722	4880.954	5251.754	2.864	3.571	204.878	1	14.716
8/13/2017 9:45	301500	141.147	21.304	321.719	4880.212	5250.87	2.863	3.571	204.909	1	14.723
8/13/2017 10:00	302400	141.12	21.307	321.655	4879.761	5250.091	2.863	3.57	204.928	1	14.721
8/13/2017 10:15	303300	141.124	21.307	321.665	4880.262	5250.603	2.863	3.571	204.907	1	14.723
8/13/2017 10:30	304200	141.15	21.309	321.725	4880.215	5250.325	2.863	3.57	204.909	1	14.723
8/13/2017 10:45	305100	141.147	21.309	321.718	4880.462	5250.591	2.863	3.57	204.899	1	14.725
8/13/2017 11:00	306000	141.15	21.311	321.723	4880.732	5250.692	2.863	3.57	204.887	1	14.728
8/13/2017 11:15	306900	141.147	21.313	321.718	4881.021	5250.757	2.863	3.571	204.875	1	14.73
8/13/2017 11:30	307800	141.121	21.315	321.659	4881.87	5251.452	2.863	3.571	204.84	1	14.723
8/13/2017 11:45	308700	141.12	21.316	321.657	4881.521	5250.982	2.863	3.571	204.854	1	14.728
8/13/2017 12:00	309600	141.117	21.316	321.649	4881.819	5251.332	2.863	3.571	204.842	1	14.727
8/13/2017 12:15	310500	141.12	21.316	321.655	4882.082	5251.596	2.864	3.571	204.831	1	14.724
8/13/2017 12:30	311400	141.158	21.315	321.743	4881.471	5251.042	2.863	3.571	204.856	1	14.728
8/13/2017 12:45	312300	141.167	21.316	321.763	4881.851	5251.489	2.863	3.571	204.84	1	14.723
8/13/2017 13:00	313200	141.123	21.314	321.662	4881.251	5250.901	2.863	3.571	204.865	1	14.725
8/13/2017 13:15	314100	141.163	21.315	321.755	4881.236	5250.819	2.863	3.571	204.866	1	14.721
8/13/2017 13:30	315000	141.139	21.315	321.7	4881.446	5250.997	2.863	3.571	204.857	1	14.719
8/13/2017 13:45	315900	141.163	21.315	321.754	4881.483	5251.122	2.863	3.571	204.856	1	14.726
8/13/2017 14:00	316800	141.175	21.316	321.781	4881.521	5251.011	2.863	3.571	204.854	1	14.718
8/13/2017 14:15	317700	141.144	21.315	321.71	4881.527	5251.103	2.863	3.571	204.854	1	14.722
8/13/2017 14:30	318600	141.136	21.315	321.693	4881.393	5250.939	2.863	3.571	204.86	1	14.724
8/13/2017 14:45	319500	141.184	21.315	321.803	4880.363	5250.943	2.862	3.57	204.903	1	14.719
8/13/2017 15:00	320400	141.193	21.314	321.823	4881.002	5250.614	2.863	3.57	204.876	1	14.716
8/13/2017 15:15	321300	141.168	21.314	321.765	4881.687	5251.444	2.863	3.571	204.847	1	14.71
8/13/2017 15:30	322200	141.207	21.312	321.853	4880.967	5250.851	2.863	3.571	204.877	1	14.711
8/13/2017 15:45	323100	141.167	21.313	321.764	4880.806	5250.554	2.863	3.57	204.884	1	14.708
8/13/2017 16:00	324000	141.212	21.314	321.866	4880.843	5250.5	2.863	3.57	204.883	1	14.708
8/13/2017 16:15	324900	141.185	21.315	321.865	4880.826	5250.415	2.863	3.57	204.883	1	14.707
8/13/2017 16:30	325800	141.207	21.312	321.853	4880.269	5250.119	2.863	3.57	204.907	1	14.711
8/13/2017 16:45	326700	141.234	21.311	321.915	4879.988	5249.881	2.863	3.57	204.919	1	14.704
8/13/2017 17:00	327600	141.199	21.31	321.835	4880.168	5250.161	2.863	3.57	204.911	1	14.698
8/13/2017 17:15	328500	141.231	21.308	321.908	4879.214	5249.381	2.862	3.57	204.951	1	14.703
8/13/2017 17:30	329400	141.236	21.307	321.92	4879.195	5249.455	2.862	3.57	204.952	1	14.699
8/13/2017 17:45	330300	141.207	21.305	321.854	4877.351	5247.688	2.861	3.568	205.029	1	14.696
8/13/2017 18:00	331200	141.248	21.304	321.947	4877.166	5247.611	2.861	3.568	205.037	1	14.695
8/13/2017 18:15	332100	141.217	21.303	321.877	4876.777	5247.268	2.861	3.568	205.053	1	14.693
8/13/2017 18:30	333000	141.217	21.305	321.877	4876.228	5246.48	2.861	3.568	205.077	1	14.692
8/13/2017 18:45	333900	141.228	21.305	321.902	4876.585	5246.835	2.861	3.568	205.062	1	14.69
8/13/2017 19:00	334800	141.231	21.307	321.908	4877.054	5247.188	2.861	3.568	205.042	1	14.686
8/13/2017 19:15	335700	141.24	21.308	321.93	4877.751	5247.825	2.861	3.569	205.013	1	14.683
8/13/2017 19:30	336600	141.274	21.307	322.006	4877.947	5248.103	2.861	3.569	205.004	1	14.686
8/13/2017 19:45	337500	141.243	21.306	321.937	4878.323	5248.601	2.862	3.569	204.988	1	14.684
8/13/2017 20:00	338400	141.243	21.309	321.936	4879.478	5249.606	2.862	3.57	204.94	1	14.687
8/13/2017 20:15	339300	141.243	21.308	321.936	4880.739	5250.974	2.863	3.571	204.887	1	14.686
8/13/2017 20:30	340200	141.251	21.311	321.954	4881.777	5251.816	2.864	3.571	204.843	1	14.687
8/13/2017 20:45	341100	141.291	21.315	322.045	4885.103	5254.921	2.865	3.573	204.704	1	14.686
8/13/2017 21:00	342000	141.298	21.312	322.098	4889.892	5259.344	2.868	3.576	204.503	1	14.689
8/13/2017 21:15	342900	141.284	21.324	322.029	4893.386	5262.855	2.87	3.579	204.357	1	14.692
8/13/2017 21:30	343800	141.251	21.326	321.955	4894.491	5263.854	2.871	3.579	204.311	1	14.696
8/13/2017 21:45	344700	141.288	21.328	322.038	4896.694	5266.044	2.872	3.581	204.219	1	14.692
8/13/2017 22:00	345600	141.293	21.329	322.05	4897.934	5267.301	2.873	3.582	204.168	1	14.697
8/13/2017 22:15	346500	141.301	21.326	322.068	4898.788	5268.476	2.873	3.583	204.132	1	14.695
8/13/2017 22:30	347400	141.309	21.326	322.08	4908.423	5268.073	2.873	3.583	204.147	1	14.697
8/13/2017 22:45	348300	141.305	21.33	322.078	4901.729	5271.203	2.875	3.584	204.01	1	14.691
8/13/2017 23:00	349200	141.304	21.326	322.075	4902.781	5272.799	2.876	3.586	203.966	1	14.701
8/13/2017 23:15	350100	141.304	21.325	322.075	4902.843	5272.912	2.876	3.586	203.963	1	14.695
8/13/2017 23:30	351000	141.27	21.327	321.998	4903.914	5273.884	2.876	3.586	203.919	1	14.693
8/13/2017 23:45	351900	141.276	21.328	322.012	4905.302	5275.329	2.877	3.587	203.861	1	14.694
8/14/2017 0:00	352800	141.306	21.33	322.08	4906.211	5276.041	2.878	3.588	203.823	1	14.693
8/14/2017 0:15	353700	141.314	21.334	322.098	4910.048	5279.769	2.88	3.59	203.664	1	14.695
8/14/2017 0:30	354600	141.309	21.331	322.086	4909.858	5279.886	2.88	3.59	203.672	1	14.696
8/14/2017 0:45	355500	141.318	21.331	322.107	4909.905	5279.899	2.88	3.59	203.67	1	14.696
8/14/2017 1:00	356400	141.323	21.326	322.118	4909.82	5280.321	2.88	3.591	203.673	1	14.694
8/14/2017 1:15	357300	141.331	21.324	322.137	4909.808	5280.536	2.88	3.591	203.674	1	14.689
8/14/2017 1:30	358200	141.321	21.325	322.115	4911.629	5282.205	2.881	3.592	203.599	1	14.694
8/14/2017 1:45	359100	141.323	21.332	322.119	4912.456	5282.575	2.882	3.592	203.564	1	14.69
8/14/2017 2:00	360000	141.326	21.332	322.126	4913.298	5283.443	2.882	3.593	203.529	1	14.694
8/14/2017 2:15	360900	141.29	21.33	322.042	4913.492	5283.833	2.882	3.593	203.521	1	14.691
8/14/2017 2:30	361800	141.332	21.33	322.139	4914.198	5284.639	2.883	3.594	203.492	1	14.688
8/14/2017 2:45	362700	141.344	21.33	322.167	4914.493	5284.994	2.883	3.594	203.48	1	14.69
8/14/2017 3:00	363600	141.301	21.325	32							

8/15/2017 10:30	477000	141.506	21.312	322.536	4937.947	5312.102	2.899	3.612	202.513	1	14.701
8/15/2017 10:45	477900	141.495	21.314	322.511	4938.332	5312.304	2.899	3.612	202.498	1	14.707
8/15/2017 11:00	478800	141.534	21.314	322.6	4938.59	5312.61	2.899	3.613	202.487	1	14.703
8/15/2017 11:15	479700	141.499	21.313	322.52	4937.859	5311.939	2.899	3.612	202.517	1	14.702
8/15/2017 11:30	480600	141.458	21.314	322.427	4938.59	5312.62	2.899	3.613	202.487	1	14.703
8/15/2017 11:45	481500	141.489	21.314	322.408	4937.86	5311.788	2.898	3.612	202.517	1	14.71
8/15/2017 12:00	482400	141.498	21.315	322.518	4939.427	5313.453	2.899	3.613	202.453	1	14.701
8/15/2017 12:15	483300	141.505	21.316	322.535	4940.262	5314.237	2.9	3.614	202.418	1	14.696
8/15/2017 12:30	484200	141.48	21.315	322.477	4939.55	5313.481	2.899	3.613	202.448	1	14.709
8/15/2017 12:45	485100	141.523	21.315	322.575	4939.72	5313.692	2.9	3.613	202.441	1	14.699
8/15/2017 13:00	486000	141.49	21.315	322.499	4939.615	5313.599	2.9	3.613	202.445	1	14.704
8/15/2017 13:15	486900	141.52	21.314	322.668	4939.571	5313.666	2.9	3.613	202.447	1	14.699
8/15/2017 13:30	487800	141.521	21.316	322.57	4940.616	5314.598	2.9	3.614	202.404	1	14.704
8/15/2017 13:45	488700	141.517	21.315	322.561	4940.762	5314.842	2.9	3.614	202.398	1	14.706
8/15/2017 14:00	489600	141.498	21.315	322.518	4940.391	5314.414	2.9	3.614	202.413	1	14.699
8/15/2017 14:15	490500	141.53	21.315	322.591	4940.854	5314.989	2.9	3.614	202.394	1	14.699
8/15/2017 14:30	491400	141.535	21.316	322.603	4941.163	5315.148	2.9	3.614	202.382	1	14.699
8/15/2017 14:45	492300	141.539	21.318	322.611	4941.461	5315.287	2.901	3.614	202.369	1	14.696
8/15/2017 15:00	493200	141.537	21.320	322.606	4941.512	5315.275	2.901	3.614	202.367	1	14.7
8/15/2017 15:15	494100	141.54	21.319	322.612	4942.303	5316.078	2.901	3.615	202.335	1	14.698
8/15/2017 15:30	495000	141.54	21.317	322.613	4942.636	5316.685	2.901	3.615	202.321	1	14.698
8/15/2017 15:45	495900	141.551	21.318	322.638	4942.452	5316.373	2.901	3.615	202.329	1	14.7
8/15/2017 16:00	496800	141.517	21.319	322.561	4943.08	5316.886	2.901	3.615	202.303	1	14.694
8/15/2017 16:15	497700	141.561	21.319	322.661	4943.221	5317.085	2.902	3.616	202.297	1	14.694
8/15/2017 16:30	498600	141.564	21.321	322.669	4943.838	5317.46	2.902	3.616	202.272	1	14.695
8/15/2017 16:45	499500	141.57	21.321	322.681	4943.651	5317.279	2.902	3.616	202.28	1	14.691
8/15/2017 17:00	500400	141.571	21.321	322.684	4944.979	5318.688	2.903	3.617	202.225	1	14.691
8/15/2017 17:15	501300	141.545	21.323	322.625	4945.418	5319.008	2.903	3.617	202.207	1	14.695
8/15/2017 17:30	502200	141.576	21.324	322.695	4946.38	5319.917	2.903	3.618	202.168	1	14.695
8/15/2017 17:45	503100	141.588	21.324	322.722	4946.462	5319.986	2.903	3.618	202.165	1	14.695
8/15/2017 18:00	504000	141.585	21.325	322.715	4946.604	5320.054	2.903	3.618	202.159	1	14.692
8/15/2017 18:15	504900	141.589	21.325	322.725	4947.162	5320.615	2.904	3.618	202.136	1	14.694
8/15/2017 18:30	505800	141.595	21.326	322.74	4948.063	5321.497	2.904	3.619	202.099	1	14.689
8/15/2017 18:45	506700	141.595	21.326	322.739	4948.099	5321.556	2.904	3.619	202.098	1	14.69
8/15/2017 19:00	507600	141.598	21.325	322.746	4948.647	5322.174	2.905	3.619	202.075	1	14.693
8/15/2017 19:15	508500	141.614	21.325	322.781	4949.14	5322.771	2.905	3.619	202.055	1	14.69
8/15/2017 19:30	509400	141.61	21.327	322.772	4948.979	5322.34	2.905	3.619	202.062	1	14.694
8/15/2017 19:45	510300	141.623	21.326	322.803	4950.038	5323.602	2.905	3.62	202.019	1	14.69
8/15/2017 20:00	511200	141.616	21.327	322.787	4950.79	5324.315	2.906	3.621	201.988	1	14.69
8/15/2017 20:15	512100	141.615	21.328	322.783	4950.867	5324.255	2.906	3.62	201.985	1	14.695
8/15/2017 20:30	513000	141.592	21.325	322.731	4950.63	5324.402	2.906	3.621	201.994	1	14.695
8/15/2017 20:45	513900	141.635	21.325	322.83	4950.789	5324.554	2.906	3.621	201.988	1	14.694
8/15/2017 21:00	514800	141.624	21.326	322.806	4950.187	5323.82	2.906	3.62	202.013	1	14.698
8/15/2017 21:15	515700	141.621	21.327	322.797	4951.293	5324.866	2.906	3.621	201.967	1	14.696
8/15/2017 21:30	516600	141.628	21.331	322.814	4954.088	5327.459	2.908	3.623	201.853	1	14.703
8/15/2017 21:45	517500	141.624	21.334	322.806	4955.416	5328.504	2.908	3.623	201.799	1	14.701
8/15/2017 22:00	518400	141.588	21.331	322.723	4956.716	5330.257	2.909	3.625	201.746	1	14.707
8/15/2017 22:15	519300	141.615	21.327	322.784	4956.861	5330.835	2.91	3.625	201.741	1	14.701
8/15/2017 22:30	520200	141.586	21.328	322.771	4956.204	5329.975	2.909	3.624	201.767	1	14.717
8/15/2017 22:45	521100	141.616	21.335	322.786	4958.319	5331.549	2.91	3.625	201.681	1	14.714
8/15/2017 23:00	522000	141.629	21.336	322.817	4958.783	5331.972	2.91	3.626	201.662	1	14.709
8/15/2017 23:15	522900	141.619	21.336	322.793	4960.943	5334.235	2.912	3.627	201.575	1	14.706
8/15/2017 23:30	523800	141.625	21.337	322.807	4961.433	5334.657	2.912	3.628	201.555	1	14.71
8/15/2017 23:45	524700	141.623	21.335	322.802	4962.676	5336.177	2.913	3.629	201.504	1	14.704
8/16/2017 0:00	525600	141.623	21.332	322.803	4961.479	5335.312	2.912	3.628	201.553	1	14.704
8/16/2017 0:15	526500	141.623	21.329	322.804	4961.552	5335.62	2.912	3.628	201.55	1	14.703
8/16/2017 0:30	527400	141.617	21.33	322.788	4962.06	5336.11	2.913	3.629	201.529	1	14.707
8/16/2017 0:45	528300	141.583	21.336	322.712	4962.975	5336.44	2.913	3.629	201.492	1	14.702
8/16/2017 1:00	529200	141.619	21.337	322.794	4964.18	5337.648	2.914	3.63	201.443	1	14.707
8/16/2017 1:15	530100	141.581	21.334	322.708	4963.815	5337.544	2.913	3.63	201.458	1	14.704
8/16/2017 1:30	531000	141.621	21.334	322.798	4964.59	5338.358	2.914	3.63	201.427	1	14.707
8/16/2017 1:45	531900	141.583	21.331	322.771	4965.018	5339.175	2.914	3.631	201.409	1	14.703
8/16/2017 2:00	532800	141.617	21.333	322.788	4964.931	5338.89	2.914	3.63	201.413	1	14.7
8/16/2017 2:15	533700	141.615	21.33	322.785	4964.542	5338.808	2.914	3.63	201.428	1	14.702
8/16/2017 2:30	534600	141.614	21.334	322.782	4965.403	5339.281	2.915	3.631	201.394	1	14.702
8/16/2017 2:45	535500	141.58	21.33	322.705	4964.598	5338.819	2.914	3.63	201.426	1	14.704
8/16/2017 3:00	536400	141.617	21.328	322.788	4964.99	5339.452	2.915	3.631	201.41	1	14.706
8/16/2017 3:15	537300	141.623	21.332	322.804	4965.985	5340.556	2.915	3.631	201.37	1	14.728
8/16/2017 3:30	538200	141.615	21.331	322.785	4965.304	5339.492	2.915	3.631	201.398	1	14.705
8/16/2017 3:45	539100	141.576	21.337	322.695	4967.843	5341.511	2.916	3.632	201.295	1	14.704
8/16/2017 4:00	540000	141.608	21.339	322.769	4967.298	5340.753	2.915	3.632	201.317	1	14.706
8/16/2017 4:15	540900	141.62	21.329	322.796	4965.853	5340.255	2.915	3.631	201.375	1	14.698
8/16/2017 4:30	541800	141.62	21.327	322.797	4965.951	5340.648	2.915	3.632	201.371	1	14.702
8/16/2017 4:45	542700	141.611	21.328	322.774	4965.891	5340.784	2.915	3.632	201.374	1	14.702
8/16/2017 5:00	543600	141.616	21.328	322.787	4965.996	5340.524	2.915	3.632	201.369	1	14.708
8/16/2017 5:15	544500	141.616	21.331	322.786	4966.856	5341.2	2.916	3.632	201.335	1	14.707
8/16/2017 5:30	545400	141.615	21.329	322.785	4966.637	5341.118	2.916	3.632	201.343	1	14.712
8/16/2017 5:45	546300	141.626	21.329	322.808	4967.162	5341.692	2.916	3.632	201.322	1	14.71
8/16/2017 6:00	547200	141.619	21.331	322.793	4967.865	5342.218	2.916	3.633	201.294	1	14.712
8/16/2017 6:15	548100	141.597	21.33	322.742	4967.382	5341.823	2.916	3.632	201.313	1	14.708
8/16/2017 6:30	549000	141.615	21.334	322.784	4967.969	5342.06	2.916	3.633	201.29	1	14.714
8/16/2017 6:45	549900	141.592	21.339	322.731	4970.095	5343.807	2.917	3.634	201.203	1	14.709
8/16/2017 7:00	550800	141.62	21.335	322.795	4970.933	5345.064	2.918	3.635	201.169	1	14.723
8/16/2017 7:15	551700	141.625	21.334	322.808	4971.346	5345.662	2.918	3.635	201.153	1	14.72
8/16/2017 7:30	552600	141.63	21.329	322.82	4971.509	5346.415	2.919	3.636	201.146	1	14.717
8/16/2017 7:45	553500	141.627	21.34	322.812	4972.491	5346.812	2.919	3.635	201.106	1	14.72
8/16/2017 8:00											

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	
	8/10/2017	0:00:00	0	86.688	16	1239
	8/10/2017	0:15:00	0	86.692	16	1240.2
	8/10/2017	0:30:00	0	86.726	16	1239
	8/10/2017	0:45:00	0	86.664	16	1239
	8/10/2017	1:00:00	0	86.665	16	1239
	8/10/2017	1:15:00	0	86.686	16	1239
	8/10/2017	1:30:00	0	86.688	16	1239
	8/10/2017	1:45:00	0	86.671	16	1239
	8/10/2017	2:00:00	0	86.712	16	1240.2
	8/10/2017	2:15:00	0	86.674	16	1237.8
	8/10/2017	2:30:00	0	86.676	16	1240.2
	8/10/2017	2:45:00	0	86.678	16	1239
	8/10/2017	3:00:00	0	86.678	16	1239
	8/10/2017	3:15:00	0	86.679	16	1240.2
	8/10/2017	3:30:00	0	86.7	16	1239
	8/10/2017	3:45:00	0	86.699	16	1239
	8/10/2017	4:00:00	0	86.662	16	1237.8
	8/10/2017	4:15:00	0	86.683	16	1237.8
	8/10/2017	4:30:00	0	86.683	16	1239
	8/10/2017	4:45:00	0	86.686	16	1239
	8/10/2017	5:00:00	0	86.703	16	1240.2
	8/10/2017	5:15:00	0	86.661	16	1239
	8/10/2017	5:30:00	0	86.642	16	1239
	8/10/2017	5:45:00	0	86.656	16	1239
	8/10/2017	6:00:00	0	86.673	16	1240.2
	8/10/2017	6:15:00	0	86.729	16	1239
	8/10/2017	6:30:00	0	86.668	16	1240.2
	8/10/2017	6:45:00	0	86.665	16	1239
	8/10/2017	7:00:00	0	86.664	16	1239
	8/10/2017	7:15:00	0	86.664	16	1239
	8/10/2017	7:30:00	0	86.639	16	1240.2
	8/10/2017	7:45:00	0	86.637	16	1239
	8/10/2017	8:00:00	0	86.657	16	1239
	8/10/2017	8:15:00	0	86.674	16	1239
	8/10/2017	8:30:00	0	86.635	16	1239
	8/10/2017	8:45:00	0	86.635	16	1240.2
	8/10/2017	9:00:00	0	86.59	16	1239
	8/10/2017	9:15:00	0	86.588	16	1239
	8/10/2017	9:30:00	0	86.606	16	1237.8
	8/10/2017	9:45:00	0	86.587	16	1239
	8/10/2017	10:00:00	0	86.602	16	1237.8
	8/10/2017	10:15:00	0	86.62	16	1239
	8/10/2017	10:30:00	0	86.557	16	1239
	8/10/2017	10:45:00	0	86.592	16	1240.2
	8/10/2017	11:00:00	0	86.651	16	1239
	8/10/2017	11:15:00	0	86.63	16	1240.2
	8/10/2017	11:30:00	0	86.632	16	1239
	8/10/2017	11:45:00	0	86.593	16	1239
	8/10/2017	12:00:00	0	86.574	16	1239
	8/10/2017	12:15:00	0	86.596	16	1239
	8/10/2017	12:30:00	0	86.599	16	1239
	8/10/2017	12:45:00	0	86.579	16	1239
	8/10/2017	13:00:00	0	86.581	16	1239
	8/10/2017	13:15:00	0	86.619	16	1240.2
	8/10/2017	13:30:00	0	86.6	16	1239
	8/10/2017	13:45:00	0	86.558	16	1239
	8/10/2017	14:00:00	0	86.599	16	1239
	8/10/2017	14:15:00	0	86.541	16	1240.2
	8/10/2017	14:30:00	0	86.6	16	1239
	8/10/2017	14:45:00	0	86.564	16	1239
	8/10/2017	15:00:00	0	86.552	16	1239
	8/10/2017	15:15:00	0	86.554	16	1239
	8/10/2017	15:30:00	0	86.534	16	1240.2
	8/10/2017	15:45:00	0	86.554	16	1239
	8/10/2017	16:00:00	0	86.557	16	1239
	8/10/2017	16:15:00	0	86.543	16	1240.2
	8/10/2017	16:30:00	0	86.562	16	1239
	8/10/2017	16:45:00	0	86.565	16	1240.2
	8/10/2017	17:00:00	0	86.569	16	1239
	8/10/2017	17:15:00	0	86.553	16	1239
	8/10/2017	17:30:00	0	86.578	16	1239
	8/10/2017	17:45:00	0	86.577	16	1239
	8/10/2017	18:00:00	0	86.58	16	1239
	8/10/2017	18:15:00	0	86.562	16	1239
	8/10/2017	18:30:00	0	86.581	16	1239
	8/10/2017	18:45:00	0	86.543	16	1239
	8/10/2017	19:00:00	0	86.563	16	1239
	8/10/2017	19:15:00	0	86.602	16	1239
	8/10/2017	19:30:00	0	86.591	16	1239
	8/10/2017	19:45:00	0	86.606	16	1239

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8/10/2017	20:15:00	0	86.588	16	1239
8/10/2017	20:30:00	0	86.573	16	1239
8/10/2017	20:45:00	0	86.613	16	1239
8/10/2017	21:00:00	0	86.59	16	1239
8/10/2017	21:15:00	0	86.591	16	1239
8/10/2017	21:30:00	0	86.585	16	1239
8/10/2017	21:45:00	0	86.567	16	1239
8/10/2017	22:00:00	0	86.601	16	1237.8
8/10/2017	22:15:00	0	86.579	16	1239
8/10/2017	22:30:00	0	86.618	16	1239
8/10/2017	22:45:00	0	86.597	16	1239
8/10/2017	23:00:00	0	86.618	16	1239
8/10/2017	23:15:00	0	86.557	16	1239
8/10/2017	23:30:00	0	86.598	16	1239
8/10/2017	23:45:00	0	86.58	16	1239
8/11/2017	0:00:00	0	86.6	16	1239
8/11/2017	0:15:00	0	86.577	16	1239
8/11/2017	0:30:00	0	86.559	16	1237.8
8/11/2017	0:45:00	0	86.578	16	1237.8
8/11/2017	1:00:00	0	86.623	16	1239
8/11/2017	1:15:00	0	86.601	16	1239
8/11/2017	1:30:00	0	86.565	16	1239
8/11/2017	1:45:00	0	86.624	16	1240.2
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8/11/2017	4:45:00	0	86.589	16	1239
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8/11/2017	6:00:00	0	86.611	16	1239
8/11/2017	6:15:00	0	86.588	16	1239
8/11/2017	6:30:00	0	86.607	16	1239
8/11/2017	6:45:00	0	86.584	16	1239
8/11/2017	7:00:00	0	86.561	16	1239
8/11/2017	7:15:00	0	86.619	16	1239
8/11/2017	7:30:00	0	86.573	16	1239
8/11/2017	7:45:00	0	86.588	16	1239
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8/11/2017	8:30:00	0	86.544	16	1239
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8/11/2017	9:45:00	0	86.516	16	1239
8/11/2017	10:00:00	0	86.535	16	1240.2
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8/11/2017	10:30:00	0	86.534	16	1239
8/11/2017	10:45:00	0	86.551	16	1240.2
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8/11/2017	11:15:00	0	86.551	16	1239
8/11/2017	11:30:00	0	86.538	16	1239
8/11/2017	11:45:00	0	86.619	16	1239
8/11/2017	12:00:00	0	86.561	16	1240.2
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8/11/2017	12:30:00	0	86.543	16	1239
8/11/2017	12:45:00	0	86.548	16	1239
8/11/2017	13:00:00	0	86.574	16	1240.2
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8/11/2017	13:45:00	0	86.522	16	1239
8/11/2017	14:00:00	0	86.544	16	1240.2
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8/11/2017	14:30:00	0	86.511	16	1239
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8/15/2017	1:45:00	0	86.795	16	1239
8/15/2017	2:00:00	0	86.776	16	1239
8/15/2017	2:15:00	0	86.852	16	1239
8/15/2017	2:30:00	0	86.832	16	1239
8/15/2017	2:45:00	0	86.814	16	1239
8/15/2017	3:00:00	0	86.812	16	1239
8/15/2017	3:15:00	0	86.793	16	1239
8/15/2017	3:30:00	0	86.798	16	1239
8/15/2017	3:45:00	0	86.819	16	1239
8/15/2017	4:00:00	0	86.839	16	1239
8/15/2017	4:15:00	0	86.823	16	1239
8/15/2017	4:30:00	0	86.781	16	1239
8/15/2017	4:45:00	0	86.82	16	1239
8/15/2017	5:00:00	0	86.8	16	1240.2
8/15/2017	5:15:00	0	86.839	16	1240.2
8/15/2017	5:30:00	0	86.818	16	1239
8/15/2017	5:45:00	0	86.818	16	1239
8/15/2017	6:00:00	0	86.819	16	1240.2
8/15/2017	6:15:00	0	86.856	16	1239
8/15/2017	6:30:00	0	86.848	16	1239
8/15/2017	6:45:00	0	86.802	16	1239
8/15/2017	7:00:00	0	86.857	16	1239
8/15/2017	7:15:00	0	86.832	16	1239
8/15/2017	7:30:00	0	86.827	16	1239
8/15/2017	7:45:00	0	86.843	16	1239
8/15/2017	8:00:00	0	86.834	16	1240.2
8/15/2017	8:15:00	0	86.829	16	1239
8/15/2017	8:30:00	0	86.806	16	1239
8/15/2017	8:45:00	0	86.866	16	1240.2
8/15/2017	9:00:00	0	86.842	16	1239
8/15/2017	9:15:00	0	86.802	16	1239
8/15/2017	9:30:00	0	86.842	16	1239
8/15/2017	9:45:00	0	86.797	16	1239
8/15/2017	10:00:00	0	86.832	16	1240.2
8/15/2017	10:15:00	0	86.794	16	1239
8/15/2017	10:30:00	0	86.866	16	1239
8/15/2017	10:45:00	0	86.803	16	1239
8/15/2017	11:00:00	0	86.763	16	1240.2
8/15/2017	11:15:00	0	86.782	16	1239
8/15/2017	11:30:00	0	86.84	16	1239
8/15/2017	11:45:00	0	86.8	16	1239
8/15/2017	12:00:00	0	86.8	16	1239
8/15/2017	12:15:00	0	86.842	16	1239
8/15/2017	12:30:00	0	86.844	16	1240.2
8/15/2017	12:45:00	0	86.824	16	1240.2
8/15/2017	13:00:00	0	86.807	16	1240.2
8/15/2017	13:15:00	0	86.828	16	1239
8/15/2017	13:30:00	0	86.79	16	1239
8/15/2017	13:45:00	0	86.831	16	1239
8/15/2017	14:00:00	0	86.829	16	1239
8/15/2017	14:15:00	0	86.795	16	1239
8/15/2017	14:30:00	0	86.854	16	1239
8/15/2017	14:45:00	0	86.837	16	1239
8/15/2017	15:00:00	0	86.801	16	1239
8/15/2017	15:15:00	0	86.823	16	1240.2
8/15/2017	15:30:00	0	86.86	16	1240.2
8/15/2017	15:45:00	0	86.799	16	1239
8/15/2017	16:00:00	0	86.822	16	1239
8/15/2017	16:15:00	0	86.784	16	1239
8/15/2017	16:30:00	0	86.823	16	1240.2
8/15/2017	16:45:00	0	86.843	16	1239
8/15/2017	17:00:00	0	86.823	16	1239
8/15/2017	17:15:00	0	86.821	16	1240.2
8/15/2017	17:30:00	0	86.802	16	1239
8/15/2017	17:45:00	0	86.805	16	1240.2
8/15/2017	18:00:00	0	86.808	16	1239
8/15/2017	18:15:00	0	86.809	16	1239
8/15/2017	18:30:00	0	86.827	16	1239
8/15/2017	18:45:00	0	86.83	16	1239
8/15/2017	19:00:00	0	86.811	16	1240.2
8/15/2017	19:15:00	0	86.869	16	1239
8/15/2017	19:30:00	0	86.851	16	1240.2
8/15/2017	19:45:00	0	86.833	16	1239

8/15/2017	20:00:00	0	86.809	16	1240.2
8/15/2017	20:15:00	0	86.827	16	1239
8/15/2017	20:30:00	0	86.844	16	1240.2
8/15/2017	20:45:00	0	86.88	16	1239
8/15/2017	21:00:00	0	86.875	16	1240.2
8/15/2017	21:15:00	0	86.853	16	1239
8/15/2017	21:30:00	0	86.83	16	1240.2
8/15/2017	21:45:00	0	86.825	16	1240.2
8/15/2017	22:00:00	0	86.803	16	1240.2
8/15/2017	22:15:00	0	86.859	16	1239
8/15/2017	22:30:00	0	86.878	16	1240.2
8/15/2017	22:45:00	0	86.877	16	1240.2
8/15/2017	23:00:00	0	86.838	16	1239
8/15/2017	23:15:00	0	86.837	16	1240.2
8/15/2017	23:30:00	0	86.878	16	1239
8/15/2017	23:45:00	0	86.877	16	1237.8
8/16/2017	0:00:00	0	86.855	16	1240.2
8/16/2017	0:15:00	0	86.861	16	1239
8/16/2017	0:30:00	0	86.841	16	1240.2
8/16/2017	0:45:00	0	86.88	16	1239
8/16/2017	1:00:00	0	86.858	16	1240.2
8/16/2017	1:15:00	0	86.879	16	1239
8/16/2017	1:30:00	0	86.843	16	1239
8/16/2017	1:45:00	0	86.863	16	1240.2
8/16/2017	2:00:00	0	86.864	16	1239
8/16/2017	2:15:00	0	86.848	16	1239
8/16/2017	2:30:00	0	86.862	16	1239
8/16/2017	2:45:00	0	86.819	16	1239
8/16/2017	3:00:00	0	86.878	16	1239
8/16/2017	3:15:00	0	86.841	16	1240.2
8/16/2017	3:30:00	0	86.862	16	1240.2
8/16/2017	3:45:00	0	86.841	16	1239
8/16/2017	4:00:00	0	86.841	16	1240.2
8/16/2017	4:15:00	0	86.845	16	1239
8/16/2017	4:30:00	0	86.822	16	1240.2
8/16/2017	4:45:00	0	86.841	16	1239
8/16/2017	5:00:00	0	86.876	16	1240.2
8/16/2017	5:15:00	0	86.855	16	1239
8/16/2017	5:30:00	0	86.813	16	1239
8/16/2017	5:45:00	0	86.83	16	1239
8/16/2017	6:00:00	0	86.866	16	1240.2
8/16/2017	6:15:00	0	86.883	16	1239
8/16/2017	6:30:00	0	86.84	16	1240.2
8/16/2017	6:45:00	0	86.818	16	1240.2
8/16/2017	7:00:00	0	86.868	16	1240.2
8/16/2017	7:15:00	0	86.845	16	1240.2
8/16/2017	7:30:00	0	86.82	16	1240.2
8/16/2017	7:45:00	0	86.856	16	1239
8/16/2017	8:00:00	0	86.854	16	1239
8/16/2017	8:15:00	0	86.83	16	1239
8/16/2017	8:30:00	0	86.827	16	1239
8/16/2017	8:45:00	0	86.845	16	1240.2
8/16/2017	9:00:00	0	86.822	16	1240.2
8/16/2017	9:15:00	0	86.84	16	1240.2
8/16/2017	9:30:00	0	86.876	16	1239
8/16/2017	9:45:00	0	86.797	16	1240.2
8/16/2017	10:00:00	0	86.799	16	1240.2
8/16/2017	10:15:00	0	86.819	16	1239
8/16/2017	10:30:00	0	86.817	16	1240.2
8/16/2017	10:45:00	0	86.815	16	1240.2
8/16/2017	11:00:00	0	86.815	16	1239
8/16/2017	11:15:00	0	86.818	16	1239
8/16/2017	11:30:00	0	86.802	16	1239
8/16/2017	11:45:00	0	86.825	16	1239
8/16/2017	12:00:00	0	86.811	16	1239
8/16/2017	12:15:00	0	86.829	16	1240.2
8/16/2017	12:30:00	0	86.85	16	1239
8/16/2017	12:45:00	0	86.812	16	1240.2
8/16/2017	13:00:00	0	86.813	16	1241.4
8/16/2017	13:15:00	0	86.814	16	1239
8/16/2017	13:30:00	0	86.87	16	1240.2
8/16/2017	13:45:00	0	86.811	16	1239
8/16/2017	14:00:00	0	86.81	16	1239
8/16/2017	14:15:00	0	86.814	16	1240.2
8/16/2017	14:30:00	0	86.796	16	1240.2
8/16/2017	14:45:00	0	86.82	16	1239
8/16/2017	15:00:00	0	86.802	16	1240.2
8/16/2017	15:15:00	0	86.824	16	1239
8/16/2017	15:30:00	0	86.808	16	1239
8/16/2017	15:45:00	0	86.788	16	1239
8/16/2017	16:00:00	0	86.806	16	1240.2
8/16/2017	16:15:00	0	86.829	16	1239
8/16/2017	16:30:00	0	86.806	16	1239
8/16/2017	16:45:00	0	86.807	16	1239
8/16/2017	17:00:00	0	86.849	16	1239
8/16/2017	17:15:00	0	86.809	16	1239
8/16/2017	17:30:00	0	86.831	16	1240.2
8/16/2017	17:45:00	0	86.833	16	1239
8/16/2017	18:00:00	0	86.851	16	1239
8/16/2017	18:15:00	0	86.835	16	1240.2
8/16/2017	18:30:00	0	86.836	16	1240.2
8/16/2017	18:45:00	0	86.856	16	1239
8/16/2017	19:00:00	0	86.878	16	1239
8/16/2017	19:15:00	0	86.835	16	1239
8/16/2017	19:30:00	0	86.851	16	1239
8/16/2017	19:45:00	0	86.852	16	1240.2

8/16/2017	20:00:00	0	86.849	16	1239
8/16/2017	20:15:00	0	86.809	16	1239
8/16/2017	20:30:00	0	86.828	16	1240.2
8/16/2017	20:45:00	0	86.825	16	1239
8/16/2017	21:00:00	0	86.818	16	1239
8/16/2017	21:15:00	0	86.85	16	1239
8/16/2017	21:30:00	0	86.828	16	1239
8/16/2017	21:45:00	0	86.866	16	1239
8/16/2017	22:00:00	0	86.824	16	1239
8/16/2017	22:15:00	0	86.824	16	1240.2
8/16/2017	22:30:00	0	86.844	16	1239
8/16/2017	22:45:00	0	86.865	16	1239
8/16/2017	23:00:00	0	86.86	16	1240.2
8/16/2017	23:15:00	0	86.859	16	1240.2
8/16/2017	23:30:00	0	86.862	16	1239
8/16/2017	23:45:00	0	86.819	16	1240.2

Serial_number: 1071264

Project ID: MPWSP TSW Long Term Pumping

Location: MPWSP MW-5S

LEVEL

UNIT: ft

Offset: 0.000000 ft

Altitude: 80.000000 ft

Density: 1.000000 kg/L

TEMPERATURE

UNIT: Deg C

CONDUCTIVITY

UNIT: μS/cm

Date	Time	ms	LEVEL	TEMPERATURE	CONDUCTIVITY	
	8/10/2017	0:00:00	0	29.936	15.8	1977.3
	8/10/2017	0:15:00	0	29.98	15.8	1977.3
	8/10/2017	0:30:00	0	29.954	15.8	1977.3
	8/10/2017	0:45:00	0	29.971	15.8	1977.3
	8/10/2017	1:00:00	0	30.011	15.8	1977.3
	8/10/2017	1:15:00	0	29.954	15.8	1977.3
	8/10/2017	1:30:00	0	29.976	15.8	1977.3
	8/10/2017	1:45:00	0	29.978	15.8	1977.3
	8/10/2017	2:00:00	0	29.94	15.8	1977.3
	8/10/2017	2:15:00	0	29.961	15.8	1977.3
	8/10/2017	2:30:00	0	29.983	15.8	1977.3
	8/10/2017	2:45:00	0	29.985	15.8	1977.3
	8/10/2017	3:00:00	0	29.945	15.8	1977.3
	8/10/2017	3:15:00	0	30.006	15.8	1977.3
	8/10/2017	3:30:00	0	29.968	15.8	1977.3
	8/10/2017	3:45:00	0	29.987	15.8	1977.3
	8/10/2017	4:00:00	0	29.989	15.8	1977.3
	8/10/2017	4:15:00	0	29.97	15.8	1977.3
	8/10/2017	4:30:00	0	29.99	15.8	1978.5
	8/10/2017	4:45:00	0	29.993	15.8	1977.3
	8/10/2017	5:00:00	0	30.03	15.8	1977.3
	8/10/2017	5:15:00	0	29.988	15.8	1977.3
	8/10/2017	5:30:00	0	29.969	15.8	1977.3
	8/10/2017	5:45:00	0	29.963	15.8	1977.3
	8/10/2017	6:00:00	0	29.98	15.8	1977.3
	8/10/2017	6:15:00	0	29.937	15.8	1977.3
	8/10/2017	6:30:00	0	29.935	15.8	1977.3
	8/10/2017	6:45:00	0	29.992	15.8	1978.5
	8/10/2017	7:00:00	0	29.951	15.8	1977.3
	8/10/2017	7:15:00	0	29.931	15.8	1977.3
	8/10/2017	7:30:00	0	29.926	15.8	1977.3
	8/10/2017	7:45:00	0	29.924	15.8	1977.3
	8/10/2017	8:00:00	0	29.944	15.8	1977.3
	8/10/2017	8:15:00	0	29.922	15.8	1977.3
	8/10/2017	8:30:00	0	29.942	15.8	1977.3
	8/10/2017	8:45:00	0	30.001	15.8	1977.3
	8/10/2017	9:00:00	0	29.976	15.8	1977.3
	8/10/2017	9:15:00	0	29.993	15.8	1977.3
	8/10/2017	9:30:00	0	29.953	15.8	1977.3
	8/10/2017	9:45:00	0	30.012	15.8	1978.5
	8/10/2017	10:00:00	0	29.949	15.8	1977.3
	8/10/2017	10:15:00	0	29.947	15.8	1977.3
	8/10/2017	10:30:00	0	29.943	15.8	1977.3
	8/10/2017	10:45:00	0	29.939	15.8	1977.3
	8/10/2017	11:00:00	0	29.919	15.8	1974.9
	8/10/2017	11:15:00	0	29.976	15.8	1974.9
	8/10/2017	11:30:00	0	29.978	15.8	1977.3
	8/10/2017	11:45:00	0	29.96	15.8	1974.9
	8/10/2017	12:00:00	0	29.94	15.8	1977.3
	8/10/2017	12:15:00	0	29.943	15.8	1977.3
	8/10/2017	12:30:00	0	29.966	15.8	1974.9
	8/10/2017	12:45:00	0	29.945	15.8	1974.9
	8/10/2017	13:00:00	0	29.947	15.8	1974.9
	8/10/2017	13:15:00	0	29.946	15.8	1974.9
	8/10/2017	13:30:00	0	29.947	15.8	1974.9
	8/10/2017	13:45:00	0	29.964	15.8	1977.3
	8/10/2017	14:00:00	0	29.946	15.8	1974.9
	8/10/2017	14:15:00	0	29.967	15.8	1977.3
	8/10/2017	14:30:00	0	29.947	15.8	1974.9
	8/10/2017	14:45:00	0	29.95	15.8	1974.9
	8/10/2017	15:00:00	0	29.997	15.8	1974.9
	8/10/2017	15:15:00	0	29.98	15.8	1977.3
	8/10/2017	15:30:00	0	29.979	15.8	1974.9
	8/10/2017	15:45:00	0	29.98	15.8	1974.9
	8/10/2017	16:00:00	0	29.963	15.8	1977.3
	8/10/2017	16:15:00	0	29.968	15.8	1977.3
	8/10/2017	16:30:00	0	29.928	15.8	1974.9
	8/10/2017	16:45:00	0	29.931	15.8	1974.9
	8/10/2017	17:00:00	0	29.975	15.8	1977.3
	8/10/2017	17:15:00	0	29.998	15.8	1974.9
	8/10/2017	17:30:00	0	29.944	15.8	1977.3
	8/10/2017	17:45:00	0	29.943	15.8	1977.3
	8/10/2017	18:00:00	0	29.986	15.8	1977.3
	8/10/2017	18:15:00	0	30.007	15.8	1974.9
	8/10/2017	18:30:00	0	29.987	15.8	1974.9
	8/10/2017	18:45:00	0	29.988	15.8	1974.9
	8/10/2017	19:00:00	0	29.988	15.8	1974.9
	8/10/2017	19:15:00	0	29.988	15.8	1974.9
	8/10/2017	19:30:00	0	29.997	15.8	1977.3
	8/10/2017	19:45:00	0	29.992	15.8	1974.9

8/10/2017	20:00:00	0	29.996	15.8	1974.9
8/10/2017	20:15:00	0	29.974	15.8	1974.9
8/10/2017	20:30:00	0	29.998	15.8	1974.9
8/10/2017	20:45:00	0	29.999	15.8	1974.9
8/10/2017	21:00:00	0	29.956	15.8	1977.3
8/10/2017	21:15:00	0	29.977	15.8	1974.9
8/10/2017	21:30:00	0	29.991	15.8	1974.9
8/10/2017	21:45:00	0	29.992	15.8	1974.9
8/10/2017	22:00:00	0	30.007	15.8	1974.9
8/10/2017	22:15:00	0	29.985	15.8	1977.3
8/10/2017	22:30:00	0	29.925	15.8	1977.3
8/10/2017	22:45:00	0	29.983	15.8	1977.3
8/10/2017	23:00:00	0	29.984	15.8	1977.3
8/10/2017	23:15:00	0	29.982	15.8	1977.3
8/10/2017	23:30:00	0	29.984	15.8	1977.3
8/10/2017	23:45:00	0	29.966	15.8	1977.3
8/11/2017	0:00:00	0	30.006	15.8	1974.9
8/11/2017	0:15:00	0	29.983	15.8	1974.9
8/11/2017	0:30:00	0	29.944	15.8	1977.3
8/11/2017	0:45:00	0	29.964	15.8	1977.3
8/11/2017	1:00:00	0	30.009	15.8	1977.3
8/11/2017	1:15:00	0	30.026	15.8	1977.3
8/11/2017	1:30:00	0	29.931	15.8	1974.9
8/11/2017	1:45:00	0	29.95	15.8	1974.9
8/11/2017	2:00:00	0	29.947	15.8	1974.9
8/11/2017	2:15:00	0	30.01	15.8	1977.3
8/11/2017	2:30:00	0	29.989	15.8	1974.9
8/11/2017	2:45:00	0	29.972	15.8	1977.3
8/11/2017	3:00:00	0	29.97	15.8	1974.9
8/11/2017	3:15:00	0	29.974	15.8	1977.3
8/11/2017	3:30:00	0	29.974	15.8	1974.9
8/11/2017	3:45:00	0	29.956	15.8	1974.9
8/11/2017	4:00:00	0	29.973	15.8	1977.3
8/11/2017	4:15:00	0	29.994	15.8	1977.3
8/11/2017	4:30:00	0	29.936	15.8	1974.9
8/11/2017	4:45:00	0	29.975	15.8	1974.9
8/11/2017	5:00:00	0	29.999	15.8	1974.9
8/11/2017	5:15:00	0	30.038	15.8	1977.3
8/11/2017	5:30:00	0	29.959	15.8	1977.3
8/11/2017	5:45:00	0	29.98	15.8	1977.3
8/11/2017	6:00:00	0	29.977	15.8	1974.9
8/11/2017	6:15:00	0	29.974	15.8	1977.3
8/11/2017	6:30:00	0	29.973	15.8	1977.3
8/11/2017	6:45:00	0	30.01	15.8	1974.9
8/11/2017	7:00:00	0	29.986	15.8	1974.9
8/11/2017	7:15:00	0	29.985	15.8	1974.9
8/11/2017	7:30:00	0	29.959	15.8	1977.3
8/11/2017	7:45:00	0	29.954	15.8	1977.3
8/11/2017	8:00:00	0	29.949	15.8	1977.3
8/11/2017	8:15:00	0	29.948	15.8	1978.5
8/11/2017	8:30:00	0	29.929	15.8	1974.9
8/11/2017	8:45:00	0	29.966	15.8	1974.9
8/11/2017	9:00:00	0	29.964	15.8	1977.3
8/11/2017	9:15:00	0	29.945	15.8	1974.9
8/11/2017	9:30:00	0	29.984	15.8	1974.9
8/11/2017	9:45:00	0	29.981	15.8	1974.9
8/11/2017	10:00:00	0	29.96	15.8	1974.9
8/11/2017	10:15:00	0	29.961	15.8	1977.3
8/11/2017	10:30:00	0	29.959	15.8	1977.3
8/11/2017	10:45:00	0	29.957	15.8	1974.9
8/11/2017	11:00:00	0	29.957	15.8	1974.9
8/11/2017	11:15:00	0	29.977	15.8	1977.3
8/11/2017	11:30:00	0	29.983	15.8	1974.9
8/11/2017	11:45:00	0	29.986	15.8	1977.3
8/11/2017	12:00:00	0	29.927	15.8	1974.9
8/11/2017	12:15:00	0	29.968	15.8	1974.9
8/11/2017	12:30:00	0	29.988	15.8	1977.3
8/11/2017	12:45:00	0	30.012	15.8	1977.3
8/11/2017	13:00:00	0	30	15.8	1977.3
8/11/2017	13:15:00	0	30.023	15.8	1977.3
8/11/2017	13:30:00	0	30.009	15.8	1977.3
8/11/2017	13:45:00	0	29.987	15.8	1977.3
8/11/2017	14:00:00	0	29.969	15.8	1974.9
8/11/2017	14:15:00	0	30.01	15.8	1977.3
8/11/2017	14:30:00	0	29.995	15.8	1977.3
8/11/2017	14:45:00	0	30.016	15.8	1977.3
8/11/2017	15:00:00	0	29.96	15.8	1977.3
8/11/2017	15:15:00	0	29.985	15.8	1977.3
8/11/2017	15:30:00	0	30.008	15.8	1977.3
8/11/2017	15:45:00	0	30.03	15.8	1974.9
8/11/2017	16:00:00	0	30.013	15.8	1977.3
8/11/2017	16:15:00	0	29.993	15.8	1977.3
8/11/2017	16:30:00	0	30.014	15.8	1977.3
8/11/2017	16:45:00	0	30.02	15.8	1977.3
8/11/2017	17:00:00	0	30.028	15.8	1977.3
8/11/2017	17:15:00	0	30.014	15.8	1977.3
8/11/2017	17:30:00	0	30.018	15.8	1977.3
8/11/2017	17:45:00	0	29.984	15.8	1974.9
8/11/2017	18:00:00	0	30.069	15.8	1977.3
8/11/2017	18:15:00	0	30.019	15.8	1977.3
8/11/2017	18:30:00	0	30	15.8	1977.3
8/11/2017	18:45:00	0	30.024	15.8	1977.3
8/11/2017	19:00:00	0	30.009	15.8	1977.3
8/11/2017	19:15:00	0	30.029	15.8	1974.9
8/11/2017	19:30:00	0	30.046	15.8	1974.9
8/11/2017	19:45:00	0	30.027	15.8	1974.9

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8/11/2017	20:15:00	0	29.985	15.8	1977.3
8/11/2017	20:30:00	0	30.021	15.8	1977.3
8/11/2017	20:45:00	0	30.016	15.8	1974.9
8/11/2017	21:00:00	0	29.993	15.8	1977.3
8/11/2017	21:15:00	0	30.013	15.8	1977.3
8/11/2017	21:30:00	0	29.994	15.8	1977.3
8/11/2017	21:45:00	0	29.973	15.8	1977.3
8/11/2017	22:00:00	0	29.934	15.8	1977.3
8/11/2017	22:15:00	0	29.973	15.8	1977.3
8/11/2017	22:30:00	0	29.969	15.8	1974.9
8/11/2017	22:45:00	0	29.95	15.8	1974.9
8/11/2017	23:00:00	0	29.974	15.8	1977.3
8/11/2017	23:15:00	0	29.99	15.8	1977.3
8/11/2017	23:30:00	0	29.967	15.8	1977.3
8/11/2017	23:45:00	0	29.987	15.8	1974.9
8/12/2017	0:00:00	0	30.003	15.8	1977.3
8/12/2017	0:15:00	0	29.958	15.8	1977.3
8/12/2017	0:30:00	0	29.98	15.8	1977.3
8/12/2017	0:45:00	0	30.019	15.8	1974.9
8/12/2017	1:00:00	0	29.961	15.8	1977.3
8/12/2017	1:15:00	0	29.981	15.8	1974.9
8/12/2017	1:30:00	0	29.995	15.8	1974.9
8/12/2017	1:45:00	0	29.979	15.8	1977.3
8/12/2017	2:00:00	0	29.938	15.8	1977.3
8/12/2017	2:15:00	0	29.998	15.8	1974.9
8/12/2017	2:30:00	0	29.998	15.8	1974.9
8/12/2017	2:45:00	0	30.019	15.8	1974.9
8/12/2017	3:00:00	0	30.021	15.8	1974.9
8/12/2017	3:15:00	0	29.998	15.8	1974.9
8/12/2017	3:30:00	0	29.978	15.8	1977.3
8/12/2017	3:45:00	0	29.979	15.8	1977.3
8/12/2017	4:00:00	0	29.999	15.8	1977.3
8/12/2017	4:15:00	0	29.995	15.8	1974.9
8/12/2017	4:30:00	0	29.957	15.8	1974.9
8/12/2017	4:45:00	0	29.996	15.8	1977.3
8/12/2017	5:00:00	0	29.975	15.8	1974.9
8/12/2017	5:15:00	0	29.955	15.8	1974.9
8/12/2017	5:30:00	0	30.012	15.8	1977.3
8/12/2017	5:45:00	0	29.952	15.8	1977.3
8/12/2017	6:00:00	0	29.97	15.8	1974.9
8/12/2017	6:15:00	0	29.969	15.8	1977.3
8/12/2017	6:30:00	0	29.984	15.8	1978.5
8/12/2017	6:45:00	0	29.999	15.8	1978.5
8/12/2017	7:00:00	0	29.992	15.8	1974.9
8/12/2017	7:15:00	0	29.948	15.8	1974.9
8/12/2017	7:30:00	0	29.962	15.8	1977.3
8/12/2017	7:45:00	0	29.977	15.8	1977.3
8/12/2017	8:00:00	0	29.931	15.8	1974.9
8/12/2017	8:15:00	0	29.983	15.8	1977.3
8/12/2017	8:30:00	0	29.94	15.8	1974.9
8/12/2017	8:45:00	0	29.919	15.8	1977.3
8/12/2017	9:00:00	0	29.938	15.8	1974.9
8/12/2017	9:15:00	0	29.937	15.8	1974.9
8/12/2017	9:30:00	0	29.977	15.8	1977.3
8/12/2017	9:45:00	0	29.974	15.8	1974.9
8/12/2017	10:00:00	0	29.952	15.8	1974.9
8/12/2017	10:15:00	0	29.991	15.8	1977.3
8/12/2017	10:30:00	0	29.93	15.8	1974.9
8/12/2017	10:45:00	0	29.948	15.8	1977.3
8/12/2017	11:00:00	0	29.929	15.8	1977.3
8/12/2017	11:15:00	0	29.967	15.8	1974.9
8/12/2017	11:30:00	0	30.004	15.8	1974.9
8/12/2017	11:45:00	0	29.97	15.8	1977.3
8/12/2017	12:00:00	0	29.951	15.8	1974.9
8/12/2017	12:15:00	0	29.956	15.8	1977.3
8/12/2017	12:30:00	0	29.993	15.8	1977.3
8/12/2017	12:45:00	0	29.997	15.8	1974.9
8/12/2017	13:00:00	0	30.001	15.8	1977.3
8/12/2017	13:15:00	0	29.963	15.8	1977.3
8/12/2017	13:30:00	0	29.984	15.8	1974.9
8/12/2017	13:45:00	0	30.022	15.8	1977.3
8/12/2017	14:00:00	0	29.968	15.8	1974.9
8/12/2017	14:15:00	0	30.024	15.8	1974.9
8/12/2017	14:30:00	0	30.046	15.8	1974.9
8/12/2017	14:45:00	0	30.028	15.8	1974.9
8/12/2017	15:00:00	0	29.974	15.8	1974.9
8/12/2017	15:15:00	0	29.958	15.8	1977.3
8/12/2017	15:30:00	0	30.014	15.8	1977.3
8/12/2017	15:45:00	0	29.995	15.8	1974.9
8/12/2017	16:00:00	0	30.018	15.8	1977.3
8/12/2017	16:15:00	0	29.997	15.8	1974.9
8/12/2017	16:30:00	0	30.019	15.8	1977.3
8/12/2017	16:45:00	0	29.999	15.8	1977.3
8/12/2017	17:00:00	0	29.986	15.8	1974.9
8/12/2017	17:15:00	0	30.005	15.8	1977.3
8/12/2017	17:30:00	0	29.987	15.8	1974.9
8/12/2017	17:45:00	0	29.993	15.8	1974.9
8/12/2017	18:00:00	0	29.995	15.8	1974.9
8/12/2017	18:15:00	0	30.035	15.8	1977.3
8/12/2017	18:30:00	0	30.019	15.8	1977.3
8/12/2017	18:45:00	0	30.003	15.8	1974.9
8/12/2017	19:00:00	0	30.039	15.8	1977.3
8/12/2017	19:15:00	0	30.021	15.8	1977.3
8/12/2017	19:30:00	0	30.04	15.8	1977.3
8/12/2017	19:45:00	0	30.018	15.8	1974.9

8/12/2017	20:00:00	0	30	15.8	1977.3
8/12/2017	20:15:00	0	30.011	15.8	1977.3
8/12/2017	20:30:00	0	29.992	15.8	1974.9
8/12/2017	20:45:00	0	29.969	15.8	1977.3
8/12/2017	21:00:00	0	29.97	15.8	1977.3
8/12/2017	21:15:00	0	29.951	15.8	1977.3
8/12/2017	21:30:00	0	30.011	15.8	1977.3
8/12/2017	21:45:00	0	30.029	15.8	1974.9
8/12/2017	22:00:00	0	30.011	15.8	1974.9
8/12/2017	22:15:00	0	29.989	15.8	1977.3
8/12/2017	22:30:00	0	29.988	15.8	1974.9
8/12/2017	22:45:00	0	29.99	15.8	1974.9
8/12/2017	23:00:00	0	29.967	15.8	1977.3
8/12/2017	23:15:00	0	30.026	15.8	1977.3
8/12/2017	23:30:00	0	29.964	15.8	1977.3
8/12/2017	23:45:00	0	30.003	15.8	1974.9
8/13/2017	0:00:00	0	30.001	15.8	1977.3
8/13/2017	0:15:00	0	29.956	15.8	1974.9
8/13/2017	0:30:00	0	29.96	15.8	1974.9
8/13/2017	0:45:00	0	30.025	15.8	1974.9
8/13/2017	1:00:00	0	30.026	15.8	1974.9
8/13/2017	1:15:00	0	29.987	15.8	1974.9
8/13/2017	1:30:00	0	30.027	15.8	1974.9
8/13/2017	1:45:00	0	29.991	15.8	1977.3
8/13/2017	2:00:00	0	29.993	15.8	1974.9
8/13/2017	2:15:00	0	29.974	15.8	1974.9
8/13/2017	2:30:00	0	29.955	15.8	1974.9
8/13/2017	2:45:00	0	29.997	15.8	1977.3
8/13/2017	3:00:00	0	29.979	15.8	1974.9
8/13/2017	3:15:00	0	29.997	15.8	1974.9
8/13/2017	3:30:00	0	29.998	15.8	1974.9
8/13/2017	3:45:00	0	30.039	15.8	1977.3
8/13/2017	4:00:00	0	30.02	15.8	1974.9
8/13/2017	4:15:00	0	30.02	15.8	1974.9
8/13/2017	4:30:00	0	29.998	15.8	1974.9
8/13/2017	4:45:00	0	29.996	15.8	1974.9
8/13/2017	5:00:00	0	29.977	15.8	1974.9
8/13/2017	5:15:00	0	30.012	15.8	1974.9
8/13/2017	5:30:00	0	30.03	15.8	1974.9
8/13/2017	5:45:00	0	29.966	15.8	1974.9
8/13/2017	6:00:00	0	29.965	15.8	1974.9
8/13/2017	6:15:00	0	29.998	15.8	1974.9
8/13/2017	6:30:00	0	30.016	15.8	1974.9
8/13/2017	6:45:00	0	29.975	15.8	1977.3
8/13/2017	7:00:00	0	29.972	15.8	1974.9
8/13/2017	7:15:00	0	29.988	15.8	1977.3
8/13/2017	7:30:00	0	29.949	15.8	1977.3
8/13/2017	7:45:00	0	29.945	15.8	1974.9
8/13/2017	8:00:00	0	29.978	15.8	1974.9
8/13/2017	8:15:00	0	29.972	15.8	1974.9
8/13/2017	8:30:00	0	29.972	15.8	1974.9
8/13/2017	8:45:00	0	30.004	15.8	1977.3
8/13/2017	9:00:00	0	29.964	15.8	1977.3
8/13/2017	9:15:00	0	29.941	15.8	1974.9
8/13/2017	9:30:00	0	29.996	15.8	1974.9
8/13/2017	9:45:00	0	30.01	15.8	1977.3
8/13/2017	10:00:00	0	29.967	15.8	1977.3
8/13/2017	10:15:00	0	29.961	15.8	1974.9
8/13/2017	10:30:00	0	29.942	15.8	1977.3
8/13/2017	10:45:00	0	29.963	15.8	1974.9
8/13/2017	11:00:00	0	29.96	15.8	1974.9
8/13/2017	11:15:00	0	29.995	15.8	1974.9
8/13/2017	11:30:00	0	29.958	15.8	1977.3
8/13/2017	11:45:00	0	29.976	15.8	1974.9
8/13/2017	12:00:00	0	29.98	15.8	1974.9
8/13/2017	12:15:00	0	29.983	15.8	1974.9
8/13/2017	12:30:00	0	30.006	15.8	1974.9
8/13/2017	12:45:00	0	29.987	15.8	1974.9
8/13/2017	13:00:00	0	29.969	15.8	1974.9
8/13/2017	13:15:00	0	29.99	15.8	1974.9
8/13/2017	13:30:00	0	29.991	15.8	1977.3
8/13/2017	13:45:00	0	29.952	15.8	1974.9
8/13/2017	14:00:00	0	29.994	15.8	1974.9
8/13/2017	14:15:00	0	29.995	15.8	1977.3
8/13/2017	14:30:00	0	30.018	15.8	1977.3
8/13/2017	14:45:00	0	29.981	15.8	1977.3
8/13/2017	15:00:00	0	29.988	15.8	1974.9
8/13/2017	15:15:00	0	29.991	15.8	1974.9
8/13/2017	15:30:00	0	29.997	15.8	1974.9
8/13/2017	15:45:00	0	30.016	15.8	1977.3
8/13/2017	16:00:00	0	30.002	15.8	1974.9
8/13/2017	16:15:00	0	30.006	15.8	1977.3
8/13/2017	16:30:00	0	30.028	15.8	1974.9
8/13/2017	16:45:00	0	29.995	15.8	1977.3
8/13/2017	17:00:00	0	30.056	15.8	1974.9
8/13/2017	17:15:00	0	29.98	15.8	1974.9
8/13/2017	17:30:00	0	30.027	15.8	1974.9
8/13/2017	17:45:00	0	30.03	15.8	1974.9
8/13/2017	18:00:00	0	30.072	15.8	1977.3
8/13/2017	18:15:00	0	30.038	15.8	1974.9
8/13/2017	18:30:00	0	30.044	15.8	1977.3
8/13/2017	18:45:00	0	30.005	15.8	1974.9
8/13/2017	19:00:00	0	30.045	15.8	1974.9
8/13/2017	19:15:00	0	30.049	15.8	1974.9
8/13/2017	19:30:00	0	30.034	15.8	1977.3
8/13/2017	19:45:00	0	30.051	15.8	1977.3

8/13/2017	20:00:00	0	30.088	15.8	1974.9
8/13/2017	20:15:00	0	29.991	15.8	1974.9
8/13/2017	20:30:00	0	30.022	15.8	1974.9
8/13/2017	20:45:00	0	30.025	15.8	1974.9
8/13/2017	21:00:00	0	30.041	15.8	1974.9
8/13/2017	21:15:00	0	30.018	15.8	1974.9
8/13/2017	21:30:00	0	30.019	15.8	1974.9
8/13/2017	21:45:00	0	30	15.8	1974.9
8/13/2017	22:00:00	0	30.031	15.8	1974.9
8/13/2017	22:15:00	0	30.01	15.8	1974.9
8/13/2017	22:30:00	0	29.993	15.8	1974.9
8/13/2017	22:45:00	0	30.011	15.8	1974.9
8/13/2017	23:00:00	0	30.012	15.8	1974.9
8/13/2017	23:15:00	0	30.01	15.8	1977.3
8/13/2017	23:30:00	0	30.012	15.8	1974.9
8/13/2017	23:45:00	0	30.033	15.8	1977.3
8/14/2017	0:00:00	0	30.01	15.8	1974.9
8/14/2017	0:15:00	0	29.993	15.8	1977.3
8/14/2017	0:30:00	0	30.076	15.8	1974.9
8/14/2017	0:45:00	0	30.019	15.8	1974.9
8/14/2017	1:00:00	0	29.998	15.8	1974.9
8/14/2017	1:15:00	0	30.017	15.8	1974.9
8/14/2017	1:30:00	0	30.041	15.8	1974.9
8/14/2017	1:45:00	0	30.022	15.8	1974.9
8/14/2017	2:00:00	0	30.008	15.8	1974.9
8/14/2017	2:15:00	0	30.031	15.8	1974.9
8/14/2017	2:30:00	0	30.033	15.8	1974.9
8/14/2017	2:45:00	0	30.032	15.8	1974.9
8/14/2017	3:00:00	0	30.01	15.8	1974.9
8/14/2017	3:15:00	0	30.03	15.8	1974.9
8/14/2017	3:30:00	0	30.033	15.8	1974.9
8/14/2017	3:45:00	0	30.017	15.8	1974.9
8/14/2017	4:00:00	0	30.033	15.8	1974.9
8/14/2017	4:15:00	0	30.017	15.8	1974.9
8/14/2017	4:30:00	0	30.038	15.8	1974.9
8/14/2017	4:45:00	0	30.022	15.8	1977.3
8/14/2017	5:00:00	0	30.022	15.8	1977.3
8/14/2017	5:15:00	0	29.997	15.8	1974.9
8/14/2017	5:30:00	0	29.978	15.8	1974.9
8/14/2017	5:45:00	0	30.041	15.8	1974.9
8/14/2017	6:00:00	0	30.016	15.8	1974.9
8/14/2017	6:15:00	0	30.033	15.8	1977.3
8/14/2017	6:30:00	0	30.01	15.8	1974.9
8/14/2017	6:45:00	0	30.05	15.8	1974.9
8/14/2017	7:00:00	0	29.974	15.8	1974.9
8/14/2017	7:15:00	0	29.991	15.8	1974.9
8/14/2017	7:30:00	0	30.005	15.8	1974.9
8/14/2017	7:45:00	0	30	15.8	1974.9
8/14/2017	8:00:00	0	29.999	15.8	1974.9
8/14/2017	8:15:00	0	29.996	15.8	1974.9
8/14/2017	8:30:00	0	30.012	15.8	1974.9
8/14/2017	8:45:00	0	29.99	15.8	1974.9
8/14/2017	9:00:00	0	30.025	15.8	1974.9
8/14/2017	9:15:00	0	29.98	15.8	1974.9
8/14/2017	9:30:00	0	29.982	15.8	1974.9
8/14/2017	9:45:00	0	29.998	15.8	1974.9
8/14/2017	10:00:00	0	29.996	15.8	1974.9
8/14/2017	10:15:00	0	29.993	15.8	1974.9
8/14/2017	10:30:00	0	29.971	15.8	1974.9
8/14/2017	10:45:00	0	30.028	15.8	1974.9
8/14/2017	11:00:00	0	29.973	15.8	1974.9
8/14/2017	11:15:00	0	29.994	15.8	1974.9
8/14/2017	11:30:00	0	29.993	15.8	1974.9
8/14/2017	11:45:00	0	30.01	15.8	1974.9
8/14/2017	12:00:00	0	29.975	15.8	1974.9
8/14/2017	12:15:00	0	30.002	15.8	1974.9
8/14/2017	12:30:00	0	29.982	15.8	1974.9
8/14/2017	12:45:00	0	29.985	15.8	1974.9
8/14/2017	13:00:00	0	30.04	15.8	1974.9
8/14/2017	13:15:00	0	30.021	15.8	1977.3
8/14/2017	13:30:00	0	29.985	15.8	1974.9
8/14/2017	13:45:00	0	30.004	15.8	1974.9
8/14/2017	14:00:00	0	30.01	15.8	1974.9
8/14/2017	14:15:00	0	30.016	15.8	1974.9
8/14/2017	14:30:00	0	30.015	15.8	1974.9
8/14/2017	14:45:00	0	29.997	15.8	1974.9
8/14/2017	15:00:00	0	30.019	15.8	1974.9
8/14/2017	15:15:00	0	30.063	15.8	1974.9
8/14/2017	15:30:00	0	30.063	15.8	1974.9
8/14/2017	15:45:00	0	30.047	15.8	1974.9
8/14/2017	16:00:00	0	29.993	15.8	1974.9
8/14/2017	16:15:00	0	30.016	15.8	1977.3
8/14/2017	16:30:00	0	30.011	15.8	1974.9
8/14/2017	16:45:00	0	30.032	15.8	1974.9
8/14/2017	17:00:00	0	30.04	15.8	1977.3
8/14/2017	17:15:00	0	30.022	15.8	1974.9
8/14/2017	17:30:00	0	30.002	15.8	1974.9
8/14/2017	17:45:00	0	30.019	15.8	1974.9
8/14/2017	18:00:00	0	30.079	15.8	1974.9
8/14/2017	18:15:00	0	30.048	15.8	1974.9
8/14/2017	18:30:00	0	30.052	15.8	1974.9
8/14/2017	18:45:00	0	30.049	15.8	1974.9
8/14/2017	19:00:00	0	30.032	15.8	1974.9
8/14/2017	19:15:00	0	30.029	15.8	1974.9
8/14/2017	19:30:00	0	30.031	15.8	1974.9
8/14/2017	19:45:00	0	30.035	15.8	1974.9

8/14/2017	20:00:00	0	30.015	15.8	1974.9
8/14/2017	20:15:00	0	30.017	15.8	1974.9
8/14/2017	20:30:00	0	30.059	15.8	1974.9
8/14/2017	20:45:00	0	29.981	15.8	1977.3
8/14/2017	21:00:00	0	30.041	15.8	1974.9
8/14/2017	21:15:00	0	30.031	15.8	1974.9
8/14/2017	21:30:00	0	30.028	15.8	1974.9
8/14/2017	21:45:00	0	30.002	15.8	1974.9
8/14/2017	22:00:00	0	30.021	15.8	1974.9
8/14/2017	22:15:00	0	30.024	15.8	1974.9
8/14/2017	22:30:00	0	30.005	15.8	1974.9
8/14/2017	22:45:00	0	30.004	15.8	1974.9
8/14/2017	23:00:00	0	30.005	15.8	1977.3
8/14/2017	23:15:00	0	29.987	15.8	1974.9
8/14/2017	23:30:00	0	29.988	15.8	1974.9
8/14/2017	23:45:00	0	30.009	15.8	1974.9
8/15/2017	0:00:00	0	30.072	15.8	1974.9
8/15/2017	0:15:00	0	30.013	15.8	1974.9
8/15/2017	0:30:00	0	30.053	15.8	1974.9
8/15/2017	0:45:00	0	30.033	15.8	1974.9
8/15/2017	1:00:00	0	29.995	15.8	1974.9
8/15/2017	1:15:00	0	30.058	15.8	1977.3
8/15/2017	1:30:00	0	30.041	15.8	1974.9
8/15/2017	1:45:00	0	30.023	15.8	1974.9
8/15/2017	2:00:00	0	30.044	15.8	1974.9
8/15/2017	2:15:00	0	30.041	15.8	1974.9
8/15/2017	2:30:00	0	30.041	15.8	1974.9
8/15/2017	2:45:00	0	30.042	15.8	1974.9
8/15/2017	3:00:00	0	30.001	15.8	1974.9
8/15/2017	3:15:00	0	30.041	15.8	1977.3
8/15/2017	3:30:00	0	30.007	15.8	1974.9
8/15/2017	3:45:00	0	30.027	15.8	1974.9
8/15/2017	4:00:00	0	30.048	15.8	1977.3
8/15/2017	4:15:00	0	30.012	15.8	1974.9
8/15/2017	4:30:00	0	30.029	15.8	1974.9
8/15/2017	4:45:00	0	30.068	15.8	1974.9
8/15/2017	5:00:00	0	30.068	15.8	1974.9
8/15/2017	5:15:00	0	30.009	15.8	1974.9
8/15/2017	5:30:00	0	30.026	15.8	1974.9
8/15/2017	5:45:00	0	30.046	15.8	1974.9
8/15/2017	6:00:00	0	30.027	15.8	1977.3
8/15/2017	6:15:00	0	30.085	15.8	1974.9
8/15/2017	6:30:00	0	30.017	15.8	1974.9
8/15/2017	6:45:00	0	29.99	15.8	1974.9
8/15/2017	7:00:00	0	29.987	15.8	1974.9
8/15/2017	7:15:00	0	29.982	15.8	1974.9
8/15/2017	7:30:00	0	29.996	15.8	1974.9
8/15/2017	7:45:00	0	29.992	15.8	1974.9
8/15/2017	8:00:00	0	30.003	15.8	1974.9
8/15/2017	8:15:00	0	30.018	15.8	1974.9
8/15/2017	8:30:00	0	29.995	15.8	1974.9
8/15/2017	8:45:00	0	29.996	15.8	1974.9
8/15/2017	9:00:00	0	29.992	15.8	1974.9
8/15/2017	9:15:00	0	29.991	15.8	1974.9
8/15/2017	9:30:00	0	30.032	15.8	1977.3
8/15/2017	9:45:00	0	30.026	15.8	1974.9
8/15/2017	10:00:00	0	30.002	15.8	1977.3
8/15/2017	10:15:00	0	30.042	15.8	1974.9
8/15/2017	10:30:00	0	29.956	15.8	1974.9
8/15/2017	10:45:00	0	29.992	15.8	1974.9
8/15/2017	11:00:00	0	29.952	15.8	1977.3
8/15/2017	11:15:00	0	30.03	15.8	1974.9
8/15/2017	11:30:00	0	29.97	15.8	1974.9
8/15/2017	11:45:00	0	29.989	15.8	1977.3
8/15/2017	12:00:00	0	30.028	15.8	1974.9
8/15/2017	12:15:00	0	29.972	15.8	1974.9
8/15/2017	12:30:00	0	30.033	15.8	1974.9
8/15/2017	12:45:00	0	29.994	15.8	1974.9
8/15/2017	13:00:00	0	29.976	15.8	1977.3
8/15/2017	13:15:00	0	29.998	15.8	1974.9
8/15/2017	13:30:00	0	30.019	15.8	1974.9
8/15/2017	13:45:00	0	30.04	15.8	1974.9
8/15/2017	14:00:00	0	30.019	15.8	1974.9
8/15/2017	14:15:00	0	30.063	15.8	1974.9
8/15/2017	14:30:00	0	30.004	15.8	1977.3
8/15/2017	14:45:00	0	30.027	15.8	1974.9
8/15/2017	15:00:00	0	30.049	15.8	1977.3
8/15/2017	15:15:00	0	30.032	15.8	1974.9
8/15/2017	15:30:00	0	30.01	15.8	1977.3
8/15/2017	15:45:00	0	30.008	15.8	1977.3
8/15/2017	16:00:00	0	30.07	15.8	1974.9
8/15/2017	16:15:00	0	30.033	15.8	1977.3
8/15/2017	16:30:00	0	29.992	15.8	1974.9
8/15/2017	16:45:00	0	30.013	15.8	1977.3
8/15/2017	17:00:00	0	30.032	15.8	1974.9
8/15/2017	17:15:00	0	30.069	15.8	1977.3
8/15/2017	17:30:00	0	30.031	15.8	1974.9
8/15/2017	17:45:00	0	30.034	15.8	1974.9
8/15/2017	18:00:00	0	30.037	15.8	1974.9
8/15/2017	18:15:00	0	30.038	15.8	1974.9
8/15/2017	18:30:00	0	30.036	15.8	1974.9
8/15/2017	18:45:00	0	30.058	15.8	1974.9
8/15/2017	19:00:00	0	30.04	15.8	1974.9
8/15/2017	19:15:00	0	29.999	15.8	1974.9
8/15/2017	19:30:00	0	30.06	15.8	1974.9
8/15/2017	19:45:00	0	30.022	15.8	1974.9

8/15/2017	20:00:00	0	30.038	15.8	1974.9
8/15/2017	20:15:00	0	30.055	15.8	1974.9
8/15/2017	20:30:00	0	30.034	15.8	1974.9
8/15/2017	20:45:00	0	30.03	15.8	1974.9
8/15/2017	21:00:00	0	30.005	15.8	1974.9
8/15/2017	21:15:00	0	30.023	15.8	1974.9
8/15/2017	21:30:00	0	30	15.8	1974.9
8/15/2017	21:45:00	0	29.995	15.8	1974.9
8/15/2017	22:00:00	0	30.051	15.8	1974.9
8/15/2017	22:15:00	0	30.009	15.8	1977.3
8/15/2017	22:30:00	0	30.009	15.8	1977.3
8/15/2017	22:45:00	0	30.047	15.8	1974.9
8/15/2017	23:00:00	0	30.047	15.8	1974.9
8/15/2017	23:15:00	0	30.007	15.8	1974.9
8/15/2017	23:30:00	0	30.048	15.8	1974.9
8/15/2017	23:45:00	0	29.988	15.8	1974.9
8/16/2017	0:00:00	0	30.005	15.8	1974.9
8/16/2017	0:15:00	0	30.011	15.8	1974.9
8/16/2017	0:30:00	0	30.05	15.8	1974.9
8/16/2017	0:45:00	0	30.03	15.8	1974.9
8/16/2017	1:00:00	0	30.027	15.8	1974.9
8/16/2017	1:15:00	0	30.01	15.8	1974.9
8/16/2017	1:30:00	0	30.013	15.8	1973.7
8/16/2017	1:45:00	0	30.052	15.8	1974.9
8/16/2017	2:00:00	0	30.053	15.8	1974.9
8/16/2017	2:15:00	0	30.037	15.8	1974.9
8/16/2017	2:30:00	0	30.031	15.8	1974.9
8/16/2017	2:45:00	0	30.048	15.8	1974.9
8/16/2017	3:00:00	0	29.989	15.8	1974.9
8/16/2017	3:15:00	0	30.011	15.8	1974.9
8/16/2017	3:30:00	0	29.992	15.8	1974.9
8/16/2017	3:45:00	0	30.03	15.8	1974.9
8/16/2017	4:00:00	0	30.011	15.8	1977.3
8/16/2017	4:15:00	0	30.073	15.8	1974.9
8/16/2017	4:30:00	0	30.051	15.8	1974.9
8/16/2017	4:45:00	0	30.011	15.8	1974.9
8/16/2017	5:00:00	0	30.026	15.8	1974.9
8/16/2017	5:15:00	0	30.005	15.8	1974.9
8/16/2017	5:30:00	0	30.003	15.8	1974.9
8/16/2017	5:45:00	0	30.019	15.8	1974.9
8/16/2017	6:00:00	0	29.997	15.8	1974.9
8/16/2017	6:15:00	0	30.033	15.8	1974.9
8/16/2017	6:30:00	0	30.009	15.8	1974.9
8/16/2017	6:45:00	0	30.007	15.8	1974.9
8/16/2017	7:00:00	0	29.998	15.8	1974.9
8/16/2017	7:15:00	0	29.995	15.8	1974.9
8/16/2017	7:30:00	0	30.028	15.8	1974.9
8/16/2017	7:45:00	0	29.967	15.8	1977.3
8/16/2017	8:00:00	0	29.984	15.8	1974.9
8/16/2017	8:15:00	0	30.019	15.8	1974.9
8/16/2017	8:30:00	0	30.016	15.8	1974.9
8/16/2017	8:45:00	0	29.975	15.8	1974.9
8/16/2017	9:00:00	0	29.992	15.8	1974.9
8/16/2017	9:15:00	0	29.97	15.8	1974.9
8/16/2017	9:30:00	0	29.986	15.8	1974.9
8/16/2017	9:45:00	0	30.005	15.8	1974.9
8/16/2017	10:00:00	0	30.027	15.8	1974.9
8/16/2017	10:15:00	0	29.969	15.8	1974.9
8/16/2017	10:30:00	0	30.006	15.8	1977.3
8/16/2017	10:45:00	0	30.004	15.8	1974.9
8/16/2017	11:00:00	0	30.024	15.8	1974.9
8/16/2017	11:15:00	0	30.027	15.8	1974.9
8/16/2017	11:30:00	0	30.01	15.8	1974.9
8/16/2017	11:45:00	0	30.034	15.8	1974.9
8/16/2017	12:00:00	0	29.98	15.8	1974.9
8/16/2017	12:15:00	0	30.018	15.8	1974.9
8/16/2017	12:30:00	0	30.019	15.8	1974.9
8/16/2017	12:45:00	0	30.04	15.8	1977.3
8/16/2017	13:00:00	0	30.002	15.8	1974.9
8/16/2017	13:15:00	0	30.022	15.8	1974.9
8/16/2017	13:30:00	0	30.059	15.8	1974.9
8/16/2017	13:45:00	0	30.019	15.8	1974.9
8/16/2017	14:00:00	0	30.018	15.8	1974.9
8/16/2017	14:15:00	0	30.082	15.8	1974.9
8/16/2017	14:30:00	0	30.084	15.8	1974.9
8/16/2017	14:45:00	0	30.009	15.8	1974.9
8/16/2017	15:00:00	0	30.07	15.8	1974.9
8/16/2017	15:15:00	0	30.032	15.8	1974.9
8/16/2017	15:30:00	0	30.036	15.8	1974.9
8/16/2017	15:45:00	0	30.036	15.8	1974.9
8/16/2017	16:00:00	0	29.995	15.8	1974.9
8/16/2017	16:15:00	0	30.077	15.8	1974.9
8/16/2017	16:30:00	0	30.034	15.8	1974.9
8/16/2017	16:45:00	0	30.055	15.8	1974.9
8/16/2017	17:00:00	0	30.038	15.8	1974.9
8/16/2017	17:15:00	0	30.018	15.8	1977.3
8/16/2017	17:30:00	0	30.079	15.8	1974.9
8/16/2017	17:45:00	0	30.022	15.8	1974.9
8/16/2017	18:00:00	0	30.04	15.8	1974.9
8/16/2017	18:15:00	0	30.083	15.8	1974.9
8/16/2017	18:30:00	0	30.025	15.8	1974.9
8/16/2017	18:45:00	0	30.045	15.8	1974.9
8/16/2017	19:00:00	0	30.047	15.8	1974.9
8/16/2017	19:15:00	0	30.004	15.8	1974.9
8/16/2017	19:30:00	0	30.06	15.8	1974.9
8/16/2017	19:45:00	0	30.061	15.8	1973.7

8/16/2017	20:00:00	0	30.019	15.8	1974.9
8/16/2017	20:15:00	0	30.077	15.8	1974.9
8/16/2017	20:30:00	0	30.017	15.8	1974.9
8/16/2017	20:45:00	0	29.994	15.8	1974.9
8/16/2017	21:00:00	0	30.046	15.8	1974.9
8/16/2017	21:15:00	0	30	15.8	1974.9
8/16/2017	21:30:00	0	29.998	15.8	1974.9
8/16/2017	21:45:00	0	30.075	15.8	1974.9
8/16/2017	22:00:00	0	29.994	15.8	1974.9
8/16/2017	22:15:00	0	30.013	15.8	1974.9
8/16/2017	22:30:00	0	30.073	15.8	1974.9
8/16/2017	22:45:00	0	29.995	15.8	1974.9
8/16/2017	23:00:00	0	30.049	15.8	1974.9
8/16/2017	23:15:00	0	30.068	15.8	1974.9
8/16/2017	23:30:00	0	30.031	15.8	1974.9
8/16/2017	23:45:00	0	30.028	15.8	1974.9

Report Date: 8/18/2017 9:06
Report User Name: WMassoll
Report Computer Name: WKST52
Application: WinSitu.exe
Application Version: 5.6.27.1

Log File Properties
File Name MPSWP MW-6M(L) LT Test_2017-08-17_10-58-31-924-BaroMerge.w
Create Date 8/18/2017 9:00

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

Log Configuration	Log Name	MPSWP MW-6M(L) LT Test
	Created By	WMassoll
	Computer Name	PROB00K2
	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		

Date and Time	Note	User Name	WMAssol Interval	Start Time	3/16/17 12:00:00 PM	Stop Time	3/16/17 1:00:00 PM
3/16/17 11:30:10	Log Download - Used Battery: 3% Used Memory: 3%	User Name: WMAssol					
3/16/17 13:00:10	Log Download - Used Battery: 3% Used Memory: 3%	User Name: WMAssol Interval		Start Time: 3/16/17 12:00:00 PM	Stop Time: 3/16/17 1:00:00 PM		
3/23/17 13:04:10	Log Download - Used Battery: 3% Used Memory: 3%	User Name: AvaniHatsima Interval		Start Time: 3/16/17 12:00:00 PM	Stop Time: 3/23/17 2:00:00 PM		
3/30/17 11:34:10	Log Download - Used Battery: 3% Used Memory: 4%	User Name: AvaniHatsima Interval		Start Time: 3/22/17 10:00:00 PM	Stop Time: 3/30/17 12:45:00 PM		
4/6/17 10:19:10	Log Download - Used Battery: 4% Used Memory: 4%	User Name: WMAssol Interval		Start Time: 2/28/17 12:00:00 PM	Stop Time: 3/31/17 11:59:00 PM		
4/6/17 10:27:10	Log Download - Used Battery: 4% Used Memory: 4%	User Name: WMAssol Interval		Start Time: 3/16/17 12:00:00 PM	Stop Time: 4/7/17 6:00:00 AM		
4/6/17 11:53:10	Log Download - Used Battery: 4% Used Memory: 4%	User Name: WMAssol Interval		Start Time: 3/16/17 12:00:00 PM	Stop Time: 4/6/17 12:45:00 PM		
4/13/17 8:49:10	Log Download - Used Battery: 4% Used Memory: 6%	User Name: WMAssol Interval		Start Time: 4/5/17 12:00:00 PM	Stop Time: 4/13/17 9:45:00 AM		
4/13/17 8:51:10	Log Download - Used Battery: 4% Used Memory: 6%	User Name: WMAssol Interval		Start Time: 4/5/17 12:00:00 PM	Stop Time: 4/13/17 8:45:00 AM		
4/13/17 9:02:10	Log Download - Used Battery: 4% Used Memory: 6%	User Name: WMAssol Interval		Start Time: 4/5/17 12:00:00 PM	Stop Time: 4/13/17 9:45:00 AM		
4/20/17 10:45:10	Log Download - Used Battery: 4% Used Memory: 6%	User Name: AvaniHatsima Interval		Start Time: 4/12/17 10:00:00 PM	Stop Time: 4/20/17 12:45:00 PM		
4/27/17 9:50:10	Log Download - Used Battery: 5% Used Memory: 7%	User Name: WMAssol Interval		Start Time: 4/19/17 10:00:00 PM	Stop Time: 4/27/17 10:45:00 AM		
5/4/17 10:12:10	Log Download - Used Battery: 5% Used Memory: 7%	User Name: AvaniHatsima Interval		Start Time: 3/31/17 10:00:00 PM	Stop Time: 5/4/17 12:00:00 PM		
5/11/17 10:13:10	Log Download - Used Battery: 5% Used Memory: 9%	User Name: WMAssol Interval		Start Time: 5/2/17 10:00:00 PM	Stop Time: 5/11/17 12:00:00 PM		
5/18/17 14:33:10	Log Download - Used Battery: 6% Used Memory: 9%	User Name: WMAssol Interval		Start Time: 5/10/17 10:00:00 PM	Stop Time: 5/18/17 3:30:00 PM		
5/25/17 10:04:10	Log Download - Used Battery: 6% Used Memory: 10%	User Name: AvaniHatsima Interval		Start Time: 5/17/17 10:00:00 PM	Stop Time: 5/25/17 10:55:00 AM		
6/1/17 14:58:10	Log Download - Used Battery: 7% Used Memory: 10%	User Name: WMAssol Interval		Start Time: 4/30/17 10:00:00 PM	Stop Time: 6/1/17 3:45:00 PM		
6/8/17 8:22:10	Log Download - Used Battery: 7% Used Memory: 12%	User Name: WMAssol Interval		Start Time: 5/31/17 10:00:00 PM	Stop Time: 6/8/17 8:15:00 AM		
6/15/17 13:18:10	Log Download - Used Battery: 7% Used Memory: 12%	User Name: AvaniHatsima Interval		Start Time: 6/7/17 10:00:00 PM	Stop Time: 6/15/17 2:00:00 PM		
6/15/17 17:15:10	Log Download - Used Battery: 7% Used Memory: 14%	User Name: WMAssol Interval		Start Time: 6/1/17 10:00:00 PM	Stop Time: 6/15/17 12:00:00 PM		
6/29/17 7:54:10	Log Download - Used Battery: 8% Used Memory: 14%	User Name: WMAssol Interval		Start Time: 6/21/17 10:00:00 PM	Stop Time: 6/29/17 8:45:00 AM		
7/6/17 7:01:10	Log Download - Used Battery: 9% Used Memory: 15%	User Name: AvaniHatsima Interval		Start Time: 5/31/17 10:00:00 PM	Stop Time: 7/6/17 11:45:00 PM		
7/13/17 10:13:10	Log Download - Used Battery: 9% Used Memory: 15%	User Name: WMAssol Interval		Start Time: 7/5/17 10:00:00 PM	Stop Time: 7/13/17 11:00:00 AM		
7/20/17 9:19:10	Log Download - Used Battery: 9% Used Memory: 17%	User Name: WMAssol Interval		Start Time: 7/12/17 10:00:00 PM	Stop Time: 7/20/17 9:15:00 AM		
7/27/17 11:00:10	Log Download - Used Battery: 10% Used Memory: 17%	User Name: AvaniHatsima Interval		Start Time: 7/19/17 10:00:00 PM	Stop Time: 7/27/17 12:00:00 PM		
8/3/17 11:43:10	Log Download - Used Battery: 10% Used Memory: 18%	User Name: WMAssol Interval		Start Time: 7/27/17 10:00:00 PM	Stop Time: 8/3/17 11:00:00 AM		
8/10/17 8:07:10	Log Download - Used Battery: 10% Used Memory: 18%	User Name: WMAssol Interval		Start Time: 8/2/17 10:00:00 PM	Stop Time: 8/10/17 8:00:00 AM		
8/17/17 10:57:10	Log Download - Used Battery: 11% Used Memory: 20%	User Name: AvaniHatsima Interval		Start Time: 8/9/17 10:00:00 PM	Stop Time: 8/17/17 11:30:00 AM		
8/18/17 9:00:10	User Note: "Pressur & Level adjusted by baro data from "MPWPSP Barotroll 17-08-17-15-14-23-201" will						

Log Data:
Record Count 724

Sensors	2	
	1	483472 PCTD 300 PSIA (200.7m/658.7ft)
	2	0 Baro-Adjustment Calc

Time Zone: Pacific Daylight Time																	
		Sensor: PCTD(A) 658.7ft SNR: 483472		Sensor: PCTD(A) 658.7ft SNR: 483472		Sensor: PCTD(A) 658.7ft SNR: 483472		Sensor: PCTD(A) 658.7ft SNR: 483472		Sensor: PCTD(A) 658.7ft SNR: 483472		Sensor: PCTD(A) 658.7ft SNR: 483472		Sensor: PCTD(A) 658.7ft SNR: 483472		Sensor: Baro-Adj Calc SNR: 000000	
Date and Time	Elapsed Time Seconds	Corrected Pressure (PSI)	Temperature (C)	Depth (ft)	Actual Conductivity (µS/cm)	Specific Conductivity (µS/cm)	Salinity (PSU)	Total Dissolved Solids (ppt)	Resistivity (ohm-cm)	Water Density (g/cm3)	Barometric Pressure (PSI)						
8/10/2017 0:00	7200	113.137	20.394	257.873	4391.483	4815.092	2.61	3.274	227.713	1							
8/10/2017 0:15	8100	113.125	20.389	257.846	4388.688	4812.529	2.608	3.273	227.859	1							
8/10/2017 0:30	9000	113.082	20.393	257.748	4390.662	4813.614	2.609	3.273	227.787	1							
8/10/2017 0:45	9900	113.066	20.391	257.713	4391.661	4815.543	2.61	3.275	227.704	1							
8/10/2017 1:00	10800	113.038	20.402	257.649	4390.141	4812.838	2.608	3.273	227.783	1							
8/10/2017 1:15	11700	113.019	20.397	257.604	4389.337	4812.405	2.608	3.272	227.825	1							
8/10/2017 1:30	12600	113.025	20.384	257.618	4389.56	4814.014	2.609	3.274	227.813	1							
8/10/2017 1:45	13500	113.024	20.398	257.617	4392.024	4815.263	2.61	3.274	227.685	1							
8/10/2017 2:00	14400	113.03	20.401	257.631	4391.133	4813.994	2.609	3.275	227.732	1							
8/10/2017 2:15	15300	113.026	20.4	257.626	4390.366	4813.294	2.609	3.273	227.771	1							
8/10/2017 2:30	16200	113.021	20.394	257.61	4392.253	4815.945	2.61	3.274	227.674	1							
8/10/2017 2:45	17100	113.024	20.399	257.617	4391.387	4814.511	2.609	3.274	227.719	1							
8/10/2017 3:00	18000	113.026	20.392	257.621	4391.515	4815.339	2.61	3.274	227.712	1							
8/10/2017 3:15	18900	113.024	20.403	257.616	4392.793	4815.595	2.61	3.275	227.646	1							
8/10/2017 3:30	19800	113.034	20.411	257.64	4392.383	4814.361	2.609	3.274	227.667	1							
8/10/2017 3:45	20700	113.034	20.391	257.639	4391.842	4815.794	2.61	3.275	227.696	1							
8/10/2017 4:00	21600	113.05	20.401	257.675	4391.125	4813.959	2.609	3.273	227.732	1							
8/10/2017 4:15	22500	113.051	20.397	257.679	4391.602	4814.878	2.609	3.274	227.707	1							
8/10/2017 4:30	23400	113.053	20.401	257.682	4390.496	4813.35	2.609	3.273	227.765	1							
8/10/2017 4:45	24300	113.063	20.386	257.706	4392.031	4816.503	2.61	3.275	227.685	1							
8/10/2017 5:00	25200	113.066	20.38	257.713	4390.458	4815.395	2.61	3.274	227.767	1							
8/10/2017 5:15	26100	113.069	20.381	257.719	4390.441	4815.235	2.61	3.274	227.768	1							
8/10/2017 5:30	27000	113.085	20.392	257.756	4392.872	4816.852	2.611	3.275	227.641	1							
8/10/2017 5:45	27900	113.085	20.397	257.756	4392.179	4815.503	2.61	3.275	227.677	1							
8/10/2017 6:00	28800	113.083	20.394	257.751	4391.836	4815.479	2.61	3.275	227.695	1							
8/10/2017 6:15	29700	113.074	20.392	257.73	4392.402	4816.293	2.61	3.275	227.666	1							
8/10/2017 6:30	30600	113.064	20.398	257.709	4393.93	4817.405	2.611	3.276	227.588	1							
8/10/2017 6:45	31500	113.078	20.393	257.74	4390.625	4814.231	2.609	3.274	227.757	1							

8/11/2017 2:30	102600	112.852	20397	257.225	4404.515	4829.027	2.618	3.284	227.04	1	14.71
8/11/2017 2:45	103500	112.874	20398	257.274	4402.76	4827.086	2.617	3.282	227.13	1	14.702
8/11/2017 3:00	104400	112.887	20387	257.304	4402.803	4828.255	2.617	3.283	227.128	1	14.7
8/11/2017 3:15	105300	112.878	20389	257.285	4403.484	4828.728	2.617	3.284	227.093	1	14.707
8/11/2017 3:30	106200	112.871	20399	257.268	4404.539	4828.876	2.618	3.284	227.039	1	14.704
8/11/2017 3:45	107100	112.888	20388	257.306	4401.576	4826.733	2.616	3.282	227.191	1	14.704
8/11/2017 4:00	108000	112.888	20385	257.307	4401.964	4827.507	2.617	3.283	227.171	1	14.702
8/11/2017 4:15	108900	112.904	20387	257.343	4401.739	4827.008	2.616	3.282	227.183	1	14.701
8/11/2017 4:30	109800	112.916	20401	257.371	4406.132	4830.447	2.618	3.285	226.956	1	14.71
8/11/2017 4:45	110700	112.952	20411	257.452	4404.419	4827.527	2.617	3.283	227.045	1	14.707
8/11/2017 5:00	111600	112.989	20394	257.536	4403.813	4828.629	2.617	3.283	227.076	1	14.702
8/11/2017 5:15	112500	113.037	20387	257.647	4405.472	4829.733	2.618	3.284	226.99	1	14.699
8/11/2017 5:30	113400	113.072	20388	257.672	4402.547	4827.987	2.617	3.283	227.136	1	14.709
8/11/2017 5:45	114300	113.117	20389	257.828	4403.958	4829.282	2.618	3.284	227.068	1	14.704
8/11/2017 6:00	115200	113.148	20402	257.899	4405.102	4829.22	2.618	3.284	227.01	1	14.702
8/11/2017 6:15	116100	113.154	20396	257.912	4405.392	4830.095	2.618	3.284	226.995	1	14.703
8/11/2017 6:30	117000	113.139	20402	257.88	4405.838	4830.046	2.618	3.284	226.972	1	14.705
8/11/2017 6:45	117900	113.118	20397	257.831	4404.656	4829.209	2.618	3.284	227.033	1	14.704
8/11/2017 7:00	118800	113.09	20412	257.766	4405.599	4828.722	2.617	3.284	226.984	1	14.708
8/11/2017 7:15	119700	113.05	20403	257.675	4405.199	4829.194	2.618	3.284	227.005	1	14.705
8/11/2017 7:30	120600	112.997	20415	257.555	4405.296	4828.153	2.617	3.283	226.999	1	14.711
8/11/2017 7:45	121500	112.968	20412	257.49	4406.379	4829.586	2.618	3.284	226.944	1	14.712
8/11/2017 8:00	122400	112.952	20413	257.453	4406.581	4829.676	2.618	3.284	226.933	1	14.708
8/11/2017 8:15	123300	112.898	20416	257.33	4407.196	4830.077	2.618	3.284	226.902	1	14.711
8/11/2017 8:30	124200	112.851	20409	257.223	4406.798	4830.409	2.618	3.285	226.922	1	14.718
8/11/2017 8:45	125100	112.832	20406	257.179	4406.876	4830.803	2.619	3.285	226.918	1	14.709
8/11/2017 9:00	126000	112.817	20412	257.145	4406.969	4830.242	2.618	3.285	226.913	1	14.713
8/11/2017 9:15	126900	112.837	20417	257.19	4406.2	4828.94	2.618	3.284	226.953	1	14.713
8/11/2017 9:30	127800	112.834	20401	257.185	4405.743	4829.967	2.618	3.284	226.976	1	14.718
8/11/2017 9:45	128700	112.831	20415	257.176	4407.492	4830.488	2.618	3.285	226.886	1	14.718
8/11/2017 10:00	129600	112.837	20395	257.191	4404.941	4831.563	2.618	3.284	227.018	1	14.712
8/11/2017 10:15	130500	112.833	20391	257.18	4404.225	4829.328	2.618	3.284	227.055	1	14.714
8/11/2017 10:30	131400	112.823	20388	257.158	4403.723	4829.105	2.618	3.284	227.081	1	14.721
8/11/2017 10:45	132300	112.825	20398	257.163	4406.848	4831.488	2.619	3.285	226.92	1	14.718
8/11/2017 11:00	133200	112.821	20398	257.154	4404.534	4828.959	2.618	3.284	227.039	1	14.718
8/11/2017 11:15	134100	112.823	20384	257.158	4403.484	4829.285	2.618	3.284	227.093	1	14.717
8/11/2017 11:30	135000	112.818	20393	257.147	4405.4	4830.413	2.618	3.285	226.994	1	14.72
8/11/2017 11:45	135900	112.849	20401	257.218	4405.337	4829.55	2.618	3.284	226.997	1	14.712
8/11/2017 12:00	136800	112.846	20392	257.212	4404.103	4829.141	2.618	3.284	227.061	1	14.716
8/11/2017 12:15	137700	112.845	20386	257.209	4403.131	4828.712	2.617	3.284	227.111	1	14.719
8/11/2017 12:30	138600	112.864	20398	257.251	4404.554	4829.062	2.618	3.284	227.038	1	14.71
8/11/2017 12:45	139500	112.859	20379	257.241	4402.764	4828.937	2.618	3.284	227.13	1	14.716
8/11/2017 13:00	140400	112.867	20397	257.245	4404.447	4829.245	2.618	3.284	227.043	1	14.714
8/11/2017 13:15	141300	112.864	20383	257.252	4405.391	4831.456	2.619	3.285	226.995	1	14.71
8/11/2017 13:30	142200	112.888	20394	257.307	4406.152	4831.159	2.619	3.285	226.955	1	14.703
8/11/2017 13:45	143100	112.878	20401	257.284	4407.482	4831.937	2.619	3.286	226.887	1	14.708
8/11/2017 14:00	144000	112.885	20.4	257.299	4405.203	4829.499	2.618	3.284	227.004	1	14.709
8/11/2017 14:15	144900	112.893	20399	257.319	4406.407	4830.898	2.619	3.285	226.942	1	14.712
8/11/2017 14:30	145800	112.988	20389	257.353	4405.337	4830.672	2.619	3.285	226.997	1	14.705
8/11/2017 14:45	146700	112.895	20387	257.324	4405.879	4831.576	2.619	3.285	226.969	1	14.704
8/11/2017 15:00	147600	112.907	20386	257.351	4404.37	4830.062	2.618	3.284	227.047	1	14.704
8/11/2017 15:15	148500	112.92	20393	257.379	4406.175	4831.29	2.619	3.285	226.954	1	14.7
8/11/2017 15:30	149400	112.92	20387	257.38	4404.772	4830.406	2.618	3.285	227.026	1	14.695
8/11/2017 15:45	150300	112.929	20385	257.401	4405.268	4831.099	2.619	3.285	227.001	1	14.697
8/11/2017 16:00	151200	112.918	20384	257.375	4404.122	4829.984	2.618	3.284	227.06	1	14.7
8/11/2017 16:15	152100	112.945	20378	257.466	4405.231	4831.802	2.619	3.286	227.003	1	14.695
8/11/2017 16:30	153000	112.955	20379	257.46	4404.858	4831.261	2.619	3.285	227.022	1	14.687
8/11/2017 16:45	153900	112.947	20.37	257.44	4402.329	4829.379	2.618	3.284	227.153	1	14.699
8/11/2017 17:00	154800	112.952	20393	257.453	4403.762	4828.688	2.617	3.284	227.079	1	14.694
8/11/2017 17:15	155700	112.968	20372	257.489	4403.469	4830.478	2.618	3.285	227.094	1	14.691
8/11/2017 17:30	156600	112.985	20388	257.528	4405.332	4830.87	2.619	3.285	226.998	1	14.685
8/11/2017 17:45	157500	112.982	20398	257.521	4406.609	4831.27	2.619	3.285	226.932	1	14.688
8/11/2017 18:00	158400	113.019	20391	257.605	4404.697	4829.864	2.618	3.284	227.03	1	14.677
8/11/2017 18:15	159300	113.03	20387	257.631	4406.142	4831.898	2.619	3.286	226.956	1	14.682
8/11/2017 18:30	160200	113.028	20402	257.625	4406.018	4830.198	2.618	3.285	226.962	1	14.676
8/11/2017 18:45	161100	113.039	20386	257.65	4405.634	4831.386	2.619	3.285	226.982	1	14.676
8/11/2017 19:00	162000	113.046	20378	257.666	4402.416	4828.661	2.617	3.283	227.148	1	14.666
8/11/2017 19:15	162900	113.043	20389	257.66	4406.045	4831.563	2.619	3.285	226.961	1	14.676
8/11/2017 19:30	163800	113.06	20397	257.699	4405.575	4830.27	2.618	3.285	226.985	1	14.672
8/11/2017 19:45	164700	113.059	20387	257.695	4404.858	4830.42	2.618	3.285	227.022	1	14.677
8/11/2017 20:00	165600	113.058	20389	257.695	4406.235	4831.798	2.619	3.286	226.951	1	14.678
8/11/2017 20:15	166500	113.088	20385	257.763	4404.461	4830.259	2.618	3.285	227.043	1	14.67
8/11/2017 20:30	167400	113.088	20392	257.762	4405.948	4831.147	2.619	3.285	226.966	1	14.675
8/11/2017 20:45	168300	113.098	20381	257.784	4404.885	4831.086	2.619	3.285	227.021	1	14.672
8/11/2017 21:00	169200	113.089	20383	257.764	4405.54	4831.602	2.619	3.285	226.987	1	14.684
8/11/2017 21:15	170100	113.097	20381	257.782	4404.25	4830.417	2.618	3.285	227.053	1	14.675
8/11/2017 21:30	171000	113.089	20379	257.764	4405.141	4831.535	2.619	3.285	227.007	1	14.681
8/11/2017 21:45	171900	113.104	20399	257.8	4405.554	4830.009	2.618	3.284	226.986	1	14.679
8/11/2017 22:00	172800	113.1	20389	257.789	4403.704	4828.986	2.618	3.284	227.082	1	14.684
8/11/2017 22:15	173700	113.119	20378	257.824	4402.446	4828.27	2.617	3.284	227.146	1	14.678
8/11/2017 22:30	174600	113.108	20375	257.808	4403.163	4829.86	2.618	3.284	227.109	1	14.676
8/11/2017 22:45	175500	113.092	20.41	257.771	4406.614	4830.109	2.618	3.284	226.932	1	14.673
8/11/2017 23:00	176400	113.052	20382	257.681	4404.612	4830.699	2.619	3.285	227.035	1	14.68
8/11/2017 23:15	177300	113.022	20395	257.613	4405.806	4830.681	2.619	3.285	226.973	1	14.676
8/11/2017 23:30	178200	112.999	20393	257.56	4405.373	4830.383	2.618	3.285	226.996	1	14.677
8/11/2017 23:45	179100	112.967	20386	257.487	4406.324	4830.284	2.619	3.284	227.101	1	14.684
8/12/2017 0:00	180000	112.958	20399	257.466							

8/13/2017 7:15	292500	113.421	20.409	258.522	4410.653	4834.634	2.621	3.288	226.724	1	14.703
8/13/2017 7:30	293400	113.412	20.403	258.501	4410.78	4835.348	2.621	3.288	226.717	1	14.704
8/13/2017 7:45	294300	113.413	20.397	258.502	4410.275	4835.396	2.621	3.288	226.743	1	14.701
8/13/2017 8:00	295200	113.41	20.406	258.497	4410.383	4834.63	2.621	3.288	226.738	1	14.708
8/13/2017 8:15	296100	113.418	20.396	258.514	4409.71	4834.892	2.621	3.288	226.772	1	14.714
8/13/2017 8:30	297000	113.416	20.383	258.51	4409.003	4835.461	2.621	3.288	226.809	1	14.71
8/13/2017 8:45	297900	113.409	20.398	258.495	4410.598	4835.637	2.621	3.288	226.727	1	14.714
8/13/2017 9:00	298800	113.414	20.393	258.505	4410.981	4836.578	2.622	3.289	226.707	1	14.716
8/13/2017 9:15	299700	113.433	20.394	258.55	4408.915	4834.196	2.621	3.287	226.813	1	14.719
8/13/2017 9:30	300600	113.457	20.388	258.604	4409.419	4835.387	2.621	3.288	226.787	1	14.716
8/13/2017 9:45	301500	113.461	20.397	258.613	4409.825	4834.867	2.621	3.288	226.766	1	14.723
8/13/2017 10:00	302400	113.48	20.397	258.655	4409.799	4834.909	2.621	3.288	226.764	1	14.721
8/13/2017 10:15	303300	113.502	20.391	258.707	4409.12	4834.688	2.621	3.288	226.803	1	14.723
8/13/2017 10:30	304200	113.505	20.399	258.712	4409.189	4833.994	2.62	3.287	226.799	1	14.723
8/13/2017 10:45	305100	113.519	20.395	258.745	4410.67	4836.006	2.622	3.288	226.723	1	14.725
8/13/2017 11:00	306000	113.51	20.415	258.724	4411.05	4834.37	2.621	3.287	226.703	1	14.728
8/13/2017 11:15	306900	113.512	20.405	258.729	4412.113	4836.588	2.622	3.289	226.649	1	14.73
8/13/2017 11:30	307800	113.521	20.401	258.75	4410.383	4835.072	2.621	3.288	226.738	1	14.723
8/13/2017 11:45	308700	113.525	20.387	258.759	4409.494	4835.068	2.621	3.288	226.806	1	14.728
8/13/2017 12:00	309600	113.511	20.394	258.727	4409.978	4835.406	2.621	3.288	226.759	1	14.727
8/13/2017 12:15	310500	113.507	20.386	258.717	4409.391	4835.515	2.621	3.288	226.789	1	14.724
8/13/2017 12:30	311400	113.458	20.396	258.607	4410.638	4835.874	2.622	3.288	226.725	1	14.728
8/13/2017 12:45	312300	113.423	20.395	258.526	4408.7	4833.908	2.62	3.287	226.824	1	14.723
8/13/2017 13:00	313200	113.382	20.407	258.433	4411.312	4835.551	2.621	3.288	226.69	1	14.725
8/13/2017 13:15	314100	113.372	20.407	258.54	4411.405	4835.644	2.621	3.288	226.685	1	14.721
8/13/2017 13:30	315000	113.388	20.386	258.446	4408.671	4834.707	2.621	3.288	226.826	1	14.719
8/13/2017 13:45	315900	113.389	20.4	258.449	4410.051	4834.806	2.621	3.288	226.755	1	14.726
8/13/2017 14:00	316800	113.411	20.389	258.498	4408.581	4834.371	2.621	3.287	226.83	1	14.718
8/13/2017 14:15	317700	113.427	20.404	258.536	4412.316	4836.962	2.622	3.289	226.638	1	14.722
8/13/2017 14:30	318600	113.457	20.388	258.604	4409.867	4835.903	2.622	3.288	226.764	1	14.724
8/13/2017 14:45	319500	113.465	20.383	258.622	4410.874	4837.477	2.622	3.289	226.712	1	14.719
8/13/2017 15:00	320400	113.487	20.369	258.672	4409.775	4837.663	2.623	3.29	226.769	1	14.716
8/13/2017 15:15	321300	113.49	20.382	258.678	4408.168	4834.59	2.621	3.288	226.852	1	14.71
8/13/2017 15:30	322200	113.486	20.385	258.671	4410.704	4837.034	2.622	3.289	226.721	1	14.711
8/13/2017 15:45	323100	113.465	20.382	258.621	4408.243	4834.716	2.621	3.288	226.848	1	14.708
8/13/2017 16:00	324000	113.457	20.392	258.603	4410.984	4836.642	2.622	3.289	226.707	1	14.708
8/13/2017 16:15	324900	113.459	20.388	258.609	4410.529	4836.609	2.622	3.289	226.73	1	14.704
8/13/2017 16:30	325800	113.451	20.392	258.59	4410.645	4836.261	2.622	3.289	226.724	1	14.711
8/13/2017 16:45	326700	113.493	20.378	258.686	4410.519	4837.592	2.623	3.29	226.731	1	14.704
8/13/2017 17:00	327600	113.514	20.39	258.733	4411.288	4837.18	2.622	3.289	226.691	1	14.698
8/13/2017 17:15	328500	113.519	20.391	258.746	4411.245	4837.026	2.622	3.289	226.693	1	14.703
8/13/2017 17:30	329400	113.513	20.369	258.73	4409.205	4837.072	2.622	3.289	226.798	1	14.699
8/13/2017 17:45	330300	113.51	20.395	258.725	4412.629	4838.127	2.623	3.29	226.622	1	14.686
8/13/2017 18:00	331200	113.506	20.395	258.715	4410.638	4835.97	2.622	3.288	226.725	1	14.695
8/13/2017 18:15	332100	113.501	20.382	258.703	4409.345	4835.906	2.622	3.288	226.791	1	14.693
8/13/2017 18:30	333000	113.5	20.401	258.702	4412.031	4836.932	2.622	3.289	226.653	1	14.692
8/13/2017 18:45	333900	113.499	20.392	258.699	4411.539	4837.277	2.622	3.289	226.678	1	14.69
8/13/2017 19:00	334800	113.511	20.387	258.727	4411.083	4837.291	2.622	3.289	226.702	1	14.686
8/13/2017 19:15	335700	113.506	20.384	258.715	4412.172	4838.813	2.623	3.29	226.646	1	14.683
8/13/2017 19:30	336600	113.514	20.392	258.734	4410.939	4836.673	2.622	3.289	226.709	1	14.686
8/13/2017 19:45	337500	113.55	20.387	258.815	4409.846	4835.917	2.622	3.288	226.765	1	14.684
8/13/2017 20:00	338400	113.577	20.385	258.877	4410.662	4837.067	2.622	3.289	226.723	1	14.687
8/13/2017 20:15	339300	113.608	20.399	258.948	4413.404	4838.65	2.623	3.29	226.582	1	14.686
8/13/2017 20:30	340200	113.646	20.405	259.034	4413.016	4837.605	2.623	3.29	226.602	1	14.687
8/13/2017 20:45	341100	113.67	20.405	259.088	4413.403	4838.011	2.623	3.29	226.583	1	14.686
8/13/2017 21:00	342000	113.71	20.403	259.18	4413.481	4838.283	2.623	3.29	226.578	1	14.689
8/13/2017 21:15	342900	113.736	20.404	259.239	4414.165	4838.989	2.623	3.291	226.543	1	14.692
8/13/2017 21:30	343800	113.774	20.398	259.326	4412.699	4837.938	2.623	3.29	226.619	1	14.696
8/13/2017 21:45	344700	113.803	20.393	259.393	4411.421	4837.093	2.622	3.289	226.684	1	14.692
8/13/2017 22:00	345600	113.806	20.396	259.39	4413.782	4839.33	2.624	3.291	226.653	1	14.697
8/13/2017 22:15	346500	113.847	20.391	259.493	4412.261	4838.131	2.623	3.29	226.641	1	14.695
8/13/2017 22:30	347400	113.868	20.404	259.54	4415.151	4840.054	2.624	3.291	226.499	1	14.693
8/13/2017 22:45	348300	113.884	20.4	259.577	4413.903	4839.073	2.623	3.291	226.557	1	14.691
8/13/2017 23:00	349200	113.889	20.403	259.589	4414.726	4839.692	2.624	3.291	226.515	1	14.701
8/13/2017 23:15	350100	113.929	20.391	259.679	4413.605	4839.632	2.624	3.291	226.572	1	14.695
8/13/2017 23:30	351000	113.94	20.397	259.704	4413.859	4839.281	2.624	3.291	226.559	1	14.693
8/13/2017 23:45	351900	113.962	20.404	259.755	4415.438	4840.375	2.624	3.291	226.478	1	14.694
8/14/2017 0:00	352800	113.978	20.399	259.79	4414.198	4839.39	2.624	3.291	226.542	1	14.692
8/14/2017 0:15	353700	113.997	20.384	259.834	4412.224	4838.887	2.623	3.29	226.643	1	14.695
8/14/2017 0:30	354600	114.007	20.407	259.857	4414.798	4839.363	2.624	3.291	226.511	1	14.696
8/14/2017 0:45	355500	114.023	20.409	259.894	4417.101	4841.684	2.625	3.292	226.393	1	14.696
8/14/2017 1:00	356400	114.05	20.397	259.956	4415.141	4840.721	2.624	3.292	226.493	1	14.694
8/14/2017 1:15	357300	114.064	20.394	259.986	4413.738	4839.529	2.624	3.291	226.565	1	14.689
8/14/2017 1:30	358200	114.067	20.411	259.994	4416.18	4840.484	2.624	3.292	226.44	1	14.694
8/14/2017 1:45	359100	114.084	20.409	260.032	4415.991	4840.458	2.624	3.292	226.45	1	14.69
8/14/2017 2:00	360000	114.102	20.402	260.073	4414.206	4839.192	2.623	3.291	226.541	1	14.694
8/14/2017 2:15	360900	114.113	20.394	260.099	4415.006	4840.832	2.624	3.292	226.5	1	14.691
8/14/2017 2:30	361800	114.126	20.403	260.128	4414.805	4839.751	2.624	3.291	226.511	1	14.688
8/14/2017 2:45	362700	114.139	20.399	260.158	4415.612	4841.026	2.625	3.292	226.469	1	14.69
8/14/2017 3:00	363600	114.161	20.407	260.207	4416.155	4841.056	2.625	3.292	226.441	1	14.687
8/14/2017 3:15	364500	114.176	20.4	260.243	4416.241	4841.653	2.625	3.292	226.437	1	14.685
8/14/2017 3:30	365400	114.183	20.394	260.258	4414.738	4840.564	2.624	3.292	226.514	1	14.688
8/14/2017 3:45	366300	114.177	20.407	260.244	4417.523	4842.306	2.625	3.293	226.371	1	14.687
8/14/2017 4:00	367200	114.168	20.402	260.224	4416.642	4841.827	2.625	3.292	226.416	1	14.699
8/14/2017 4:15	368100	114.15	20.386	260.183	4414.654	4841.341	2.625	3.292	226.518	1	14.688
8/14/2017 4:30	369000	114.141	20.393	260.162	4414.627	4841.602	2.624	3.292	226.52	1	14

8/15/2017 12:00	482400	113.738	20.38	259.243	4422.413	4850.443	2.63	3.298	226.121	1	14.701
8/15/2017 12:15	483300	113.738	20.398	259.244	4423.931	4850.281	2.63	3.298	226.043	1	14.696
8/15/2017 12:30	484200	113.751	20.413	259.273	4424.944	4849.803	2.63	3.298	225.992	1	14.709
8/15/2017 12:45	485100	113.749	20.393	259.27	4422.912	4849.624	2.63	3.298	226.095	1	14.699
8/15/2017 13:00	486000	113.748	20.396	259.268	4424.322	4850.921	2.63	3.299	226.023	1	14.704
8/15/2017 13:15	486900	113.747	20.393	259.264	4425.936	4849.831	2.63	3.298	226.094	1	14.699
8/15/2017 13:30	487800	113.752	20.4	259.276	4422.978	4848.978	2.629	3.297	226.092	1	14.704
8/15/2017 13:45	488700	113.737	20.403	259.242	4424.686	4850.611	2.63	3.298	226.005	1	14.706
8/15/2017 14:00	489600	113.738	20.396	259.243	4423.173	4849.6	2.629	3.298	226.082	1	14.699
8/15/2017 14:15	490500	113.731	20.388	259.227	4424.644	4852.047	2.631	3.299	226.007	1	14.699
8/15/2017 14:30	491400	113.731	20.388	259.227	4422.423	4849.603	2.629	3.298	226.12	1	14.699
8/15/2017 14:45	492300	113.73	20.38	259.225	4422.415	4850.194	2.63	3.298	226.121	1	14.696
8/15/2017 15:00	493200	113.725	20.382	259.213	4423.426	4851.315	2.63	3.299	226.069	1	14.7
8/15/2017 15:15	494100	113.724	20.377	259.211	4423.132	4851.506	2.631	3.299	226.084	1	14.698
8/15/2017 15:30	495000	113.721	20.376	259.206	4422.095	4850.495	2.63	3.298	226.137	1	14.698
8/15/2017 15:45	495900	113.708	20.376	259.176	4423.418	4851.919	2.631	3.299	226.07	1	14.7
8/15/2017 16:00	496800	113.706	20.39	259.172	4423.956	4851.052	2.63	3.299	226.042	1	14.694
8/15/2017 16:15	497700	113.705	20.398	259.169	4426.099	4852.603	2.631	3.3	225.933	1	14.694
8/15/2017 16:30	498600	113.72	20.402	259.204	4425.84	4851.901	2.631	3.299	225.946	1	14.695
8/15/2017 16:45	499500	113.723	20.397	259.209	4423.749	4850.168	2.63	3.298	226.053	1	14.691
8/15/2017 17:00	500400	113.723	20.388	259.209	4423.512	4850.824	2.63	3.299	226.065	1	14.691
8/15/2017 17:15	501300	113.717	20.399	259.196	4424.505	4850.776	2.63	3.299	226.014	1	14.695
8/15/2017 17:30	502200	113.724	20.403	259.212	4426.017	4852.025	2.631	3.299	225.937	1	14.695
8/15/2017 17:45	503100	113.732	20.387	259.23	4423.672	4851.068	2.63	3.299	226.057	1	14.695
8/15/2017 18:00	504000	113.75	20.391	259.272	4423.604	4850.63	2.63	3.298	226.06	1	14.692
8/15/2017 18:15	504900	113.752	20.394	259.276	4423.654	4850.331	2.63	3.298	226.057	1	14.694
8/15/2017 18:30	505800	113.769	20.392	259.314	4423.849	4850.775	2.63	3.299	226.047	1	14.689
8/15/2017 18:45	506700	113.776	20.388	259.331	4424.076	4851.441	2.631	3.299	226.036	1	14.69
8/15/2017 19:00	507600	113.785	20.388	259.352	4424.651	4852.098	2.631	3.299	226.007	1	14.693
8/15/2017 19:15	508500	113.794	20.381	259.373	4423.578	4851.57	2.631	3.299	226.061	1	14.69
8/15/2017 19:30	509400	113.802	20.402	259.389	4424.717	4850.697	2.63	3.298	226.003	1	14.693
8/15/2017 19:45	510300	113.811	20.387	259.41	4424.89	4852.424	2.631	3.3	225.994	1	14.69
8/15/2017 20:00	511200	113.814	20.383	259.416	4422.87	4850.572	2.63	3.298	226.098	1	14.69
8/15/2017 20:15	512100	113.816	20.388	259.422	4426.09	4853.659	2.632	3.3	225.933	1	14.695
8/15/2017 20:30	513000	113.828	20.378	259.45	4423.945	4852.318	2.631	3.3	226.043	1	14.695
8/15/2017 20:45	513900	113.833	20.394	259.46	4425.704	4852.561	2.631	3.3	225.953	1	14.694
8/15/2017 21:00	514800	113.848	20.388	259.495	4424.761	4852.148	2.631	3.299	225.948	1	14.698
8/15/2017 21:15	515700	113.852	20.383	259.504	4424.095	4851.941	2.631	3.299	226.035	1	14.696
8/15/2017 21:30	516600	113.866	20.392	259.535	4426.205	4853.386	2.632	3.3	225.927	1	14.703
8/15/2017 21:45	517500	113.847	20.406	259.492	4426.794	4852.62	2.631	3.3	225.897	1	14.701
8/15/2017 22:00	518400	113.846	20.411	259.491	4428.294	4853.73	2.632	3.301	225.821	1	14.707
8/15/2017 22:15	519300	113.852	20.397	259.504	4425.491	4852.088	2.631	3.299	225.964	1	14.701
8/15/2017 22:30	520200	113.866	20.384	259.468	4425.933	4853.668	2.633	3.301	225.941	1	14.712
8/15/2017 22:45	521100	113.827	20.393	259.447	4425.797	4852.823	2.631	3.3	225.948	1	14.714
8/15/2017 23:00	522000	113.82	20.408	259.43	4427.535	4853.238	2.632	3.3	225.859	1	14.709
8/15/2017 23:15	522900	113.814	20.383	259.416	4425.021	4852.967	2.631	3.3	225.988	1	14.706
8/15/2017 23:30	523800	113.788	20.41	259.359	4429.137	4854.726	2.632	3.301	225.778	1	14.71
8/15/2017 23:45	524700	113.784	20.402	259.348	4427.229	4853.451	2.632	3.3	225.875	1	14.704
8/16/2017 0:00	525600	113.772	20.394	259.321	4426.886	4854.194	2.632	3.301	225.872	1	14.704
8/16/2017 0:15	526500	113.766	20.379	259.308	4423.15	4851.323	2.63	3.299	226.083	1	14.702
8/16/2017 0:30	527400	113.754	20.396	259.28	4426.313	4853.123	2.632	3.3	225.922	1	14.707
8/16/2017 0:45	528300	113.738	20.388	259.244	4424.877	4852.302	2.631	3.3	225.995	1	14.702
8/16/2017 1:00	529200	113.717	20.404	259.196	4427.265	4853.304	2.632	3.3	225.873	1	14.707
8/16/2017 1:15	530100	113.718	20.405	259.198	4428.648	4854.687	2.632	3.301	225.803	1	14.704
8/16/2017 1:30	531000	113.707	20.398	259.173	4427.34	4853.955	2.632	3.301	225.869	1	14.707
8/16/2017 1:45	531900	113.715	20.386	259.188	4424.778	4852.38	2.631	3.3	225.761	1	14.703
8/16/2017 2:00	532800	113.724	20.401	259.213	4426.15	4852.357	2.631	3.3	225.93	1	14.7
8/16/2017 2:15	533700	113.711	20.394	259.183	4427.661	4854.804	2.632	3.301	225.853	1	14.702
8/16/2017 2:30	534600	113.704	20.393	259.166	4427.077	4854.2	2.632	3.301	225.883	1	14.702
8/16/2017 2:45	535500	113.695	20.388	259.146	4424.928	4852.368	2.631	3.3	225.992	1	14.704
8/16/2017 3:00	536400	113.69	20.4	259.136	4427.773	4854.244	2.632	3.301	225.847	1	14.706
8/16/2017 3:15	537300	113.699	20.394	259.156	4428.438	4854.564	2.633	3.301	225.762	1	14.715
8/16/2017 3:30	538200	113.697	20.413	259.151	4430.033	4855.458	2.633	3.302	225.732	1	14.705
8/16/2017 3:45	539100	113.693	20.396	259.141	4426.618	4853.457	2.632	3.3	225.906	1	14.704
8/16/2017 4:00	540000	113.699	20.403	259.155	4428.127	4854.348	2.632	3.301	225.829	1	14.706
8/16/2017 4:15	540900	113.707	20.399	259.174	4429.307	4856.066	2.633	3.302	225.769	1	14.698
8/16/2017 4:30	541800	113.697	20.413	259.15	4429.805	4855.173	2.633	3.302	225.744	1	14.702
8/16/2017 4:45	542700	113.691	20.409	259.137	4429.469	4855.137	2.633	3.302	225.761	1	14.701
8/16/2017 5:00	543600	113.694	20.397	259.143	4427.578	4854.401	2.632	3.301	225.857	1	14.708
8/16/2017 5:15	544500	113.701	20.402	259.159	4427.865	4854.193	2.632	3.301	225.842	1	14.707
8/16/2017 5:30	545400	113.715	20.402	259.191	4427.938	4854.291	2.632	3.301	225.839	1	14.712
8/16/2017 5:45	546300	113.711	20.393	259.183	4427.264	4854.458	2.632	3.301	225.873	1	14.71
8/16/2017 6:00	547200	113.685	20.39	259.123	4428.616	4856.181	2.633	3.302	225.804	1	14.712
8/16/2017 6:15	548100	113.671	20.405	259.091	4428.066	4854.058	2.632	3.301	225.832	1	14.708
8/16/2017 6:30	549000	113.636	20.411	259.012	4429.28	4854.803	2.633	3.301	225.77	1	14.714
8/16/2017 6:45	549900	113.622	20.409	258.979	4429.425	4855.193	2.633	3.302	225.763	1	14.709
8/16/2017 7:00	550800	113.595	20.393	258.919	4428.454	4855.71	2.633	3.302	225.812	1	14.723
8/16/2017 7:15	551700	113.586	20.408	258.898	4430.234	4856.124	2.633	3.302	225.722	1	14.72
8/16/2017 7:30	552600	113.562	20.411	258.844	4431.206	4856.958	2.634	3.303	225.672	1	14.717
8/16/2017 7:45	553500	113.541	20.411	258.796	4430.571	4856.136	2.633	3.302	225.705	1	14.72
8/16/2017 8:00	554400	113.511	20.412	258.727	4430.15	4855.668	2.633	3.302	225.726	1	14.726
8/16/2017 8:15	555300	113.499	20.399	258.698	4429.291	4856.059	2.633	3.302	225.77	1	14.724
8/16/2017 8:30	556200	113.529	20.393	258.768	4427.773	4854.964	2.633	3.301	225.847	1	14.715
8/16/2017 8:45	557100	113.52	20.419	258.746	4431.265	4856.188	2.633	3.302	225.669	1	14.729
8/16/2017 9:00	558000	113.532	20.417	258.774	4431.112	4856.197	2.633	3.302	225.677	1	14.725
8/16/2017 9:15	558900	113.527	20.423	258.762	4430.995	4857.632	2.634	3.303	225.683	1	14.737
8/16/2017 9:30	559800	113.536									

Report Date: 8/18/2017 9:04
Report User Name: WMassoll
Report Computer Name: WKST52
Application: WinSitu.exe
Application Version: 5.6.27.1

Log File Properties
File Name MPWSP MW-6M LT Test_2017-08-17_11-00-24-287-BaroMerge.wsl
Create Date 8/18/2017 9:00

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

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

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

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

Log Notes:
Date and Time Note
2/17/2016 17:06 Log Download - Used Battery: 0% Used Memory: 1% User Name: CShaw
2/17/2016 17:50 Log Download - Used Battery: 0% Used Memory: 1% User Name: CShaw Interval - Start Time: 2/17/2016 5:30:00 PM Stop Time: 2/17/2016 5:45:00 PM
2/17/2016 17:53 Log Download - Used Battery: 0% Used Memory: 1% User Name: CShaw Interval - Start Time: 2/17/2016 5:30:00 PM Stop Time: 2/17/2016 6:45:00 PM
2/18/2016 10:20 Log Download - Used Battery: 0% Used Memory: 1% User Name: CShaw Interval - Start Time: 2/17/2016 5:30:00 PM Stop Time: 2/18/2016 11:00:00 AM
2/25/2016 9:31 Log Download - Used Battery: 1% Used Memory: 1% User Name: KMakar
3/3/2016 11:05 Log Download - Used Battery: 1% Used Memory: 3% User Name: SKuiper Interval - Start Time: 1/31/2016 10:30:00 PM Stop Time: 3/3/2016 11:30:00 AM
3/10/2016 14:06 Log Download - Used Battery: 1% Used Memory: 3% User Name: KMakar Interval - Start Time: 3/1/2016 12:00:00 PM Stop Time: 3/10/2016 2:15:00 PM
3/17/2016 15:14 Log Download - Used Battery: 2% Used Memory: 4% User Name: SKuiper Interval - Start Time: 3/8/2016 12:00:01 AM Stop Time: 3/17/2016 4:00:00 PM
3/24/2016 8:15 Log Download - Used Battery: 2% Used Memory: 4% User Name: KMakar Interval - Start Time: 3/15/2016 12:00:00 PM Stop Time: 3/24/2016 8:30:00 AM
3/31/2016 14:13 Log Download - Used Battery: 2% Used Memory: 6% User Name: SKuiper Interval - Start Time: 3/22/2016 12:00:00 PM Stop Time: 3/31/2016 3:00:00 PM
4/7/2016 8:45 Log Download - Used Battery: 3% Used Memory: 6% User Name: KMakar Interval - Start Time: 2/29/2016 5:00:00 PM Stop Time: 4/7/2016 1:30:00 PM
4/14/2016 8:24 Log Download - Used Battery: 3% Used Memory: 7% User Name: SKuiper Interval - Start Time: 4/5/2016 12:00:00 PM Stop Time: 4/14/2016 9:00:00 AM
4/21/2016 8:37 Log Download - Used Battery: 4% Used Memory: 7% User Name: ELinden Interval - Start Time: 4/12/2016 1:30:00 PM Stop Time: 4/21/2016 8:30:00 AM
4/28/2016 9:52 Log Download - Used Battery: 4% Used Memory: 9% User Name: KMakar Interval - Start Time: 4/19/2016 5:00:00 PM Stop Time: 4/28/2016 10:30:00 AM
5/5/2016 7:43 Log Download - Used Battery: 4% Used Memory: 9% User Name: SKuiper Interval - Start Time: 3/31/2016 12:00:00 PM Stop Time: 5/5/2016 8:05:00 AM
5/12/2016 8:17 Log Download - Used Battery: 5% Used Memory: 10% User Name: SKuiper Interval - Start Time: 5/3/2016 12:00:00 PM Stop Time: 5/12/2016 2:30:00 PM
5/12/2016 8:20 Log Download - Used Battery: 5% Used Memory: 10% User Name: SKuiper Interval - Start Time: 5/3/2016 12:00:00 PM Stop Time: 5/12/2016 8:15:00 AM
5/19/2016 11:18 Log Download - Used Battery: 5% Used Memory: 12% User Name: ELinden Interval - Start Time: 5/10/2016 12:00:00 PM Stop Time: 5/19/2016 1:00:00 PM
5/19/2016 11:22 Log Download - Used Battery: 5% Used Memory: 12% User Name: ELinden Interval - Start Time: 5/10/2016 12:00:00 PM Stop Time: 5/19/2016 11:45:00 AM
5/26/2016 8:04 Log Download - Used Battery: 5% Used Memory: 12% User Name: SKuiper Interval - Start Time: 5/17/2016 6:00:00 PM Stop Time: 5/26/2016 4:45:00 PM
6/2/2016 9:56 Log Download - Used Battery: 5% Used Memory: 14% User Name: SKuiper Interval - Start Time: 4/30/2016 10:00:00 PM Stop Time: 6/2/2016 4:15:00 PM
6/9/2016 8:06 Log Download - Used Battery: 6% Used Memory: 14% User Name: CShaw Interval - Start Time: 5/31/2016 5:00:00 AM Stop Time: 6/9/2016 5:30:00 PM
6/16/2016 9:25 Log Download - Used Battery: 6% Used Memory: 15% User Name: SKuiper Interval - Start Time: 6/7/2016 11:30:00 PM Stop Time: 6/16/2016 10:15:00 AM
6/16/2016 9:30 Log Download - Used Battery: 6% Used Memory: 15% User Name: SKuiper Interval - Start Time: 6/7/2016 11:30:00 PM Stop Time: 6/16/2016 9:15:00 AM
6/16/2016 9:32 Log Download - Used Battery: 6% Used Memory: 15% User Name: SKuiper Interval - Start Time: 6/7/2016 10:30:00 PM Stop Time: 6/16/2016 10:15:00 AM
6/23/2016 8:39 Log Download - Used Battery: 7% Used Memory: 15% User Name: SKuiper Interval - Start Time: 6/15/2016 10:00:00 PM Stop Time: 6/23/2016 7:15:00 PM
7/1/2016 10:10 Log Download - Used Battery: 7% Used Memory: 17% User Name: SKuiper Interval - Start Time: 5/31/2016 10:00:00 PM Stop Time: 7/1/2016 10:15:00 AM
7/8/2016 10:40 Log Download - Used Battery: 8% Used Memory: 17% User Name: SKuiper Interval - Start Time: 6/29/2016 10:00:00 PM Stop Time: 7/8/2016 11:00:00 AM
7/14/2016 16:49 Log Download - Used Battery: 8% Used Memory: 18% User Name: ELinden Interval - Start Time: 7/5/2016 12:00:00 PM Stop Time: 7/14/2016 5:45:00 PM
7/21/2016 16:10 Log Download - Used Battery: 8% Used Memory: 18% User Name: SKuiper Interval - Start Time: 7/13/2016 10:00:00 PM Stop Time: 7/21/2016 4:45:00 PM
7/28/2016 16:57 Log Download - Used Battery: 9% Used Memory: 20% User Name: SKuiper Interval - Start Time: 7/20/2016 10:00:00 PM Stop Time: 7/28/2016 5:30:00 PM
8/4/2016 14:05 Log Download - Used Battery: 9% Used Memory: 20% User Name: SKuiper Interval - Start Time: 6/30/2016 10:00:00 PM Stop Time: 8/4/2016 2:00:00 PM
8/11/2016 9:44 Log Download - Used Battery: 9% Used Memory: 21% User Name: ELinden Interval - Start Time: 8/3/2016 12:00:00 PM Stop Time: 8/11/2016 5:00:00 PM
8/18/2016 14:05 Log Download - Used Battery: 10% Used Memory: 21% User Name: SKuiper Interval - Start Time: 8/10/2016 10:00:00 PM Stop Time: 8/18/2016 3:50:00 PM
8/25/2016 11:10 Log 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 Log Download - Used Battery: 10% Used Memory: 23% User Name: skuiper Interval - Start Time: 7/31/2016 10:00:00 PM Stop Time: 9/1/2016 6:15:00 PM
9/8/2016 16:12 Log Download - Used Battery: 11% Used Memory: 25% User Name: SKuiper Interval - Start Time: 8/31/2016 10:00:00 PM Stop Time: 9/8/2016 4:45:00 PM
9/15/2016 12:00 Log Download - Used Battery: 11% Used Memory: 25% User Name: ANorris Interval - Start Time: 9/7/2016 10:00:00 PM Stop Time: 9/15/2016 12:45:00 PM
9/22/2016 10:14 Log Download - Used Battery: 12% Used Memory: 26% User Name: ANorris Interval - Start Time: 9/14/2016 10:00:00 PM Stop Time: 9/22/2016 10:00:00 PM
10/1/2016 8:44 Log Download - Used Battery: 12% Used Memory: 28% User Name: ANorris Interval - Start Time: 9/14/2016 10:00:00 PM Stop Time: 10/1/2016 9:45:00 AM
10/7/2016 15:34 Log Download - Used Battery: 12% Used Memory: 28% User Name: SKuiper Interval - Start Time: 9/28/2016 10:00:00 PM Stop Time: 10/7/2016 3:45:00 PM
10/13/2016 15:11 Log Download - Used Battery: 13% Used Memory: 29% User Name: SKuiper Interval - Start Time: 10/5/2016 10:00:00 PM Stop Time: 10/13/2016 3:15:00 PM
10/20/2016 14:24 Log Download - Used Battery: 13% Used Memory: 29% User Name: SKuiper Interval - Start Time: 10/12/2016 10:00:00 PM Stop Time: 10/20/2016 3:15:00 PM
10/27/2016 14:36 Log Download - Used Battery: 13% Used Memory: 31% User Name: SKuiper Interval - Start Time: 10/19/2016 10:00:00 PM Stop Time: 10/27/2016 2:45:00 PM
11/3/2016 14:09 Log Download - Used Battery: 14% Used Memory: 31% User Name: SKuiper Interval - Start Time: 9/30/2016 10:00:00 PM Stop Time: 11/3/2016 3:00:00 PM
11/10/2016 15:30 Log Download - Used Battery: 14% Used Memory: 32% User Name: SKuiper Interval - Start Time: 11/2/2016 10:00:00 PM Stop Time: 11/10/2016 4:00:00 PM
11/17/2016 13:31 Log Download - Used Battery: 15% Used Memory: 32% User Name: SKuiper Interval - Start Time: 11/9/2016 10:00:00 PM Stop Time: 11/17/2016 4:30:00 PM
11/24/2016 10:39 Log Download - Used Battery: 15% Used Memory: 34% User Name: SKuiper Interval - Start Time: 11/15/2016 10:00:00 PM Stop Time: 11/24/2016 5:15:00 PM
11/24/2016 10:41 Log Download - Used Battery: 15% Used Memory: 34% User Name: SKuiper Interval - Start Time: 11/15/2016 10:00:00 PM Stop Time: 11/24/2016 10:30:00 AM
11/24/2016 10:42 Log Download - Used Battery: 15% Used Memory: 34% User Name: SKuiper Interval - Start Time: 11/15/2016 10:00:00 PM Stop Time: 11/24/2016 10:30:00 AM
12/1/2016 15:33 Log Download - Used Battery: 15% Used Memory: 34% User Name: SKuiper Interval - Start Time: 10/31/2016 10:00:00 PM Stop Time: 12/1/2016 3:45:00 PM
12/8/2016 15:10 Log Download - Used Battery: 16% Used Memory: 35% User Name: SKuiper Interval - Start Time: 11/30/2016 10:00:00 PM Stop Time: 12/8/2016 4:30:00 PM
12/15/2016 14:27 Log Download - Used Battery: 16% Used Memory: 35% User Name: SKuiper Interval - Start Time: 12/7/2016 10:00:00 PM Stop Time: 12/15/2016 3:45:00 PM
12/21/2016 16:48 Log Download - Used Battery: 16% Used Memory: 37% User Name: ANorris Interval - Start Time: 9/14/2016 10:00:00 PM Stop Time: 10/2/2016 5:00:00 PM
12/21/2016 16:54 Log Download - Used Battery: 16% Used Memory: 37% User Name: ANorris Interval - Start Time: 12/14/2016 10:00:00 PM Stop Time: 12/21/2016 5:00:00 PM
12/22/2016 9:26 Log Download - Used Battery: 16% Used Memory: 37% User Name: ANorris Interval - Start Time: 12/14/2016 10:00:00 PM Stop Time: 12/22/2016 5:00:00 PM
1/5/2017 9:07 Log Download - Used Battery: 17% Used Memory: 39% User Name: SKuiper Interval - Start Time: 11/30/2016 10:00:00 PM Stop Time: 1/5/2017 4:30:00 PM
1/12/2017 14:53 Log Download - Used Battery: 17% Used Memory: 39% User Name: SKuiper Interval - Start Time: 1/4/2017 10:00:00 PM Stop Time: 1/12/2017 3:00:00 PM
1/19/2017 11:57 Log Download - Used Battery: 18% Used Memory: 40% User Name: EHernandez Interval - Start Time: 1/11/2017 10:00:00 PM Stop Time: 1/19/2017 12:15:00 PM
1/26/2017 7:52 Log Download - Used Battery: 18% Used Memory: 40% User Name: SKuiper Interval - Start Time: 1/18/2017 10:00:00 PM Stop Time: 1/26/2017 5:30:00 PM
1/26/2017 7:54 Log Download - Used Battery: 18% Used Memory: 40% User Name: SKuiper Interval - Start Time: 1/18/2017 10:00:00 PM Stop Time: 1/26/2017 7:45:00 AM
2/2/2017 13:26 Log Download - Used Battery: 19% Used Memory: 42% User Name: WMassoll Interval - Start Time: 12/31/2016 10:00:00 PM Stop Time: 2/2/2017 1:55:00 PM
2/9/2017 14:15 Log Download - Used Battery: 19% Used Memory: 42% User Name: EHernandez Interval - Start Time: 2/1/2017 12:00:00 AM Stop Time: 2/9/2017 3:00:00 PM
2/16/2017 9:55 Log Download - Used Battery: 19% Used Memory: 43% User Name: WMassoll Interval - Start Time: 2/8/2017 10:00:00 PM Stop Time: 2/16/2017 10:15:00 AM
8/18/2017 9:00 User Note: "Pressure & Level adjusted by baro data from: "MPWSP Barotroll_2017-08-17_15-14-23-201.wsl""

Log Data:
Record Count 724
Sensors 2
1 440621 PCTD 100 PSIA (60.1m/197.3ft)
2 0 Baro-Adjustment Calc
Time Zone: Pacific Daylight Time

Date and Time	Elapsed Time Seconds	Sensor: PCTD(A) 197.3ft SNR: 440621		Sensor: PCTD(A) 197.3ft SNR: 440621		Sensor: PCTD(A) 197.3ft SNR: 440621		Sensor: PCTD(A) 197.3ft SNR: 440621		Sensor: PCTD(A) 197.3ft SNR: 440621		Sensor: PCTD(A) 197.3ft SNR: 440621		Sensor: PCTD(A) 197.3ft SNR: 440621		Sensor: PCTD(A) 197.3ft SNR: 440621		Sensor: Baro-Adj Calc SNR: 000000			
		Corrected		Temperature (C)		Depth (ft)		Actual Conductivity (µS/cm)		Specific Conductivity (µS/cm)		Salinity (PSU)		Total Dissolved Solids (ppt)		Resistivity (ohm-cm)		Water Density (g/cm3)		Barometric Pressure (PSI)	
		Pressure (PSI)																			
8/10/2017 0:00	7200		55.148	16.863	127.335	1227.198	1453.033	0.736	0.988	814.865	0.999	14.711									
8/10/2017 0:15	8100		55.142	16.862	127.322	1227.604	1453.546	0.736	0.988	814.595	0.999	14.714									
8/10/2017 0:30	9000		55.135	16.863	127.306	1226.993	1452.773	0.736	0.988	815.001	0.999	14.713									
8/10/2017 0:45	9900		55.136	16.862	127.307	1227.872	1453.868	0.736	0.989	814.417	0.999	14.714									
8/10/2017 1:00	10800		55.131	16.863	127.295	1227.602	1453.489	0.736	0.988	814.596	0.999	14.715									
8/10/2017 1:15	11700		55.123	16.86	127.278	1226.638	1452.465	0.735	0.988	815.236	0.999	14.717									
8/10/2017 1:30	12600		55.124	16.866	127.279	1227.553	1453.332	0.736	0.988	814.629	0.999	14.712									
8/10/2017 1:45	13500		55.124	16.862	127.28	1227.614	1453.54	0.736	0.988	814.588	0.999	14.713									
8/10/2017 2:00	14400		55.128	16.86	127.289	1227.721	1453.734	0.736	0.989	814.517	0.999	14.712									
8/10/2017 2:15	15300		55.134	16.864	127.303	1227.581	1453.452	0.736	0.988	814.61	0.999	14.709									
8/10/2017 2:30	16200		55.132	16.864	127.299	1227.845	1453.747	0.736	0.989	814.435	0.999	14.713									
8/10/2017 2:45	17100		55.139	16.865	127.315	1227.331	1453.118	0.736	0.988	814.776	0.999	14.71									
8/10/2017 3:00	18000		55.143	16.863	127.322	1227.55	1453.452	0.736	0.988	814.631	0.999	14.708									
8/10/2017 3:15	18900		55.146	16.863	127.329	1228.177	1454.172	0.736	0.989	814.215	0.999	14.711									
8/10/2017 3:30	19800		55.153	16.865	127.347	1228.149	1454.094	0.736	0.989	814.233	0.999	14.708									
8/10/2017 3:45	20700		55.159	16.862	127.36	1228.246	1454.303	0.736	0.989	814.169	0.999	14.705									
8/10/2017 4:00	21600		55.166	16.866	127.375	1227.003	1452.699	0.736	0.988	814.994	0.999	14.701									
8/10/2017 4:15	22500		55.163	16.861	127.369	1228.776	1454.97	0.737	0.989	813.818	0.999	14.708									
8/10/2017 4:30	23400		55.168	16.864	127.381	1227.515	1453.38	0.736	0.988	814.654	0.999	14.708									
8/10/2017 4:45	24300		55.177	16.86	127.403	1227.93	1453.981	0.736	0.989	814.378	0.999	14.706									
8/10/2017 5:00	25200		55.187	16.864	127.426	1227.818	1453.735	0.736	0.989	814.453	0.999	14.702									
8/10/2017 5:15	26100		55.191	16.865	127.433	1227.983	1453.879	0.736	0.989	814.344	0.999	14.707									
8/10/2017 5:30	27000		55.196	16.863	127.447	1227.9	1453.862	0.736	0.989	814.398	0.999	14.7									
8/10/2017 5:45	27900		55.204	16.864	127.465	1228.297	1454.285	0.736	0.989	814.136	0.999	14.706									
8/10/2017 6:00	28800		55.214	16.863	127.487	1227.753	1453.676	0.736	0.988	814.496	0.999	14.707									
8/10/2017 6:15	29700		55.221	16.861	127.504	1227.787	1453.779	0.736	0.989	814.474	0.999	14.712									
8/10/2017 6:30	30600		55.222	16.864	127.505	1227.929	1453.845	0.736	0.989	814.379	0.999	14.712									
8/10/2017 6:45	31500		55.223	16.862	127.509	1227.094	1452.919	0.736	0.988	814.934	0.999	14.716									
8/10/2017 7:00	32400		55.242	16.861	127.542	1228.128	1454.192	0.736	0.989	814.248	0.999	14.717									
8/10/2017 7:15	33300		55.231	16.861	127.526	1226.463	1452.203	0.735	0.987	815.353	0.999	14.717									
8/10/2017 7:30	34200		55.232	16.862	127.53	1226.678	1452.453	0.735	0.988	815.21	0.999	14.718									
8/10/2017 7:45	35100		55.23	16.861	127.524	1227.751	1453.755	0.736	0.989	814.497	0.999	14.718									
8/10/2017 8:00	36000		55.233	16.875	127.531	1226.459	1451.753	0.735	0.987	815.355	0.999	14.715									
8/10/2017 8:15	36900		55.223	16.958	127.509	1223.513	1445.55	0.732	0.983	817.319	0.999	14.719									
8/10/2017 8:30	37800		55.216	16.957	127.493	1223.68	1445.781	0.732	0.983	817.207	0.999	14.721									
8/10/2017 8:45	38700		55.215	16.957	127.489	1223.629	1445.724	0.732	0.983	817.241	0.999	14.717									
8/10/2017 9:00	39600		55.205	16.957	127.467	1223.594	1445.667	0.732	0.983	817.265	0.999	14.721									
8/10/2017 9:15	40500		55.198	16.956	127.45	1223.825	1445.995	0.732	0.983	817.111	0.999	14.721									
8/10/2017 9:30	41400		55.199	16.955	127.453	1223.653	1445.819	0.732	0.983	817.225	0.999	14.717									
8/10/2017 9:45	42300		55.184	16.957	127.417	1223.925	1446.074	0.732	0.983	817.044	0.999	14.726									
8/10/2017 10:00	43200		55.19	16.958	127.432	1223.685	1445.754	0.732	0.983	817.203	0.999	14.713									
8/10/2017 10:15	44100		55.178	16.955	127.405	1223.69	1445.845	0.732	0.983	817.2	0.999	14.723									
8/10/2017 10:30	45000		55.164	16.957	127.372	1223.847	1445.997	0.732	0.983	817.095	0.999	14.729									
8/10/2017 10:45	45900		55.165	16.954	127.373	1223.828	1446.045	0.732	0.983	817.108	0.999	14.725									
8/10/2017 11:00	46800		55.149	16.956	127.336	1223.651	1445.782	0.732	0.983	817.226	0.999	14.732									
8/10/2017 11:15	47700		55.149	16.957	127.338	1223.793	1445.904	0.732	0.983	817.131	0.999	14.725									
8/10/2017 11:30	48600		55.135	16.957	127.305	1223.997	1446.159	0.732	0.983	816.995	0.999	14.729									
8/10/2017 11:45	49500		55.131	16.957	127.297	1223.826	1445.96	0.732	0.983	817.11	0.999	14.727									
8/10/2017 12:00	50400		55.123	16.957	127.278	1223.776	1445.91	0.732	0.983	817.143	0.999	14.725									
8/10/2017 12:15	51300		55.111	16.957	127.249	1223.702	1445.793	0.732	0.983	817.192	0.999	14.728									
8/10/2017 12:30	52200		55.107	16.958	127.24	1223.929	1446.042	0.732	0.983	817.041	0.999	14.724									
8/10/2017 12:45	53100		55.094	16.957	127.211	1223.733	1445.835	0.732	0.983	817.172	0.999	14.726									
8/10/2017 13:00	54000		55.086	16.958	127.192	1223.96	1446.081	0.732	0.983	817.02	0.999	14.728									
8/10/2017 13:15	54900		55.099	16.954	127.222	1223.702	1445.891	0.732	0.983	817.192	0.999	14.723									
8/10/2017 13:30	55800		55.073	16.957	127.162	1223.565	1445.649	0.732	0.983	817.284	0.999	14.729									
8/10/2017 13:45	56700		55.067	16.955	127.148	1223.703	1445.866	0.732	0.983	817.192	0.999	14.731									
8/10/2017 14:00	57600		55.075	16.957	127.166	1223.864	1445.999	0.732	0.983	817.084	0.999	14.722									
8/10/2017 14:15	58500		55.07	16.958	127.155	1223.473	1445.52	0.732	0.983	817.345	0.999	14.726									
8/10/2017 14:30	59400		55.063	16.956	127.14	1223.666	1445.785	0.732	0.983	817.217	0.999	14.727									
8/10/2017 14:45	60300		55.065	16.955	127.143	1223.646	1445.792	0.732	0.983	817.23	0.999	14.726									
8/10/2017 15:00	61200		55.06	16.958	127.133	1223.965	1446.081	0.732	0.983	817.017	0.999	14.724									
8/10/2017 15:15	62100		55.059	16.956	127.131	1223.696	1445.821	0.732	0.983	817.196	0.999	14.725									
8/10/2017 15:30	63000		55.069	16.956	127.152	1223.594	1445.711	0.732	0.983	817.265	0.999	14.714									
8/10/2017 15:45	63900		55.067	16.956	127.148	1223.751	1445.911	0.732	0.983	817.16	0.999	14.718									
8/10/2017 16:00	64800		55.065	16.956	127.143	1223.371	1445.633	0.732	0.983	817.414	0.999	14.712									
8/10/2017 16:15	65700		55.065	16.956	127.144	1223.898	1446.068	0.732	0.983	817.061	0.999	14.717									
8/10/2017 16:30	66600		55.065	16.957	127.144	1223.766	1445.873	0.732	0.983	817.149	0.999	14.716									
8/10/2017 16:45	67500		55.071	16.956	127.158	1223.53	1445.653	0.732	0.983	817.307	0.999	14.715									
8/10/2017 17:00	68400		55.071	16.957	127.158	1223.504	1445.563	0.732	0.983	817.325	0.999	14.713									
8/10/2017 17:15	69300		55.071	16.958	127.158	1223.602	1445.672	0.732	0.983	817.26	0.999	14.715									

8/10/2017 17:30	70200	55.077	16.959	127.172	1223.787	1445.851	0.732	0.983	817.135	0.999	14.709
8/10/2017 17:45	71100	55.078	16.958	127.174	1223.543	1445.577	0.732	0.983	817.299	0.999	14.707
8/10/2017 18:00	72000	55.08	16.959	127.179	1223.595	1445.613	0.732	0.983	817.264	0.999	14.712
8/10/2017 18:15	72900	55.085	16.958	127.191	1223.612	1445.655	0.732	0.983	817.253	0.999	14.706
8/10/2017 18:30	73800	55.09	16.957	127.201	1223.516	1445.599	0.732	0.983	817.317	0.999	14.702
8/10/2017 18:45	74700	55.077	16.957	127.17	1223.562	1445.63	0.732	0.983	817.286	0.999	14.713
8/10/2017 19:00	75600	55.075	16.958	127.165	1223.477	1445.496	0.732	0.986	817.343	0.999	14.71
8/10/2017 19:15	76500	55.07	16.959	127.156	1223.748	1445.81	0.732	0.983	817.162	0.999	14.708
8/10/2017 19:30	77400	55.066	16.959	127.145	1223.574	1445.585	0.732	0.983	817.278	0.999	14.705
8/10/2017 19:45	78300	55.061	16.959	127.134	1223.828	1445.888	0.732	0.983	817.108	0.999	14.705
8/10/2017 20:00	79200	55.063	16.959	127.139	1223.705	1445.763	0.732	0.983	817.19	0.999	14.704
8/10/2017 20:15	80100	55.048	16.959	127.103	1223.424	1445.399	0.732	0.983	817.378	0.999	14.706
8/10/2017 20:30	81000	55.049	16.958	127.107	1223.525	1445.567	0.732	0.983	817.311	0.999	14.7
8/10/2017 20:45	81900	55.041	16.958	127.089	1223.77	1445.86	0.732	0.983	817.147	0.999	14.7
8/10/2017 21:00	82800	55.038	16.957	127.08	1223.596	1445.7	0.732	0.983	817.263	0.999	14.702
8/10/2017 21:15	83700	55.034	16.958	127.072	1223.645	1445.717	0.732	0.983	817.23	0.999	14.701
8/10/2017 21:30	84600	55.03	16.958	127.063	1223.591	1445.651	0.732	0.983	817.266	0.999	14.704
8/10/2017 21:45	85500	55.018	16.957	127.034	1223.874	1446.011	0.732	0.983	817.078	0.999	14.709
8/10/2017 22:00	86400	55.024	16.957	127.009	1223.524	1445.598	0.732	0.983	817.311	0.999	14.698
8/10/2017 22:15	87300	55.01	16.958	127.016	1223.61	1445.679	0.732	0.983	817.254	0.999	14.705
8/10/2017 22:30	88200	55	16.959	126.993	1223.668	1445.702	0.732	0.983	817.215	0.999	14.71
8/10/2017 22:45	89100	54.996	16.957	126.983	1223.721	1445.827	0.732	0.983	817.18	0.999	14.706
8/10/2017 23:00	90000	54.983	16.957	126.955	1223.531	1445.591	0.732	0.983	817.307	0.999	14.714
8/10/2017 23:15	90900	54.989	16.958	126.968	1223.723	1445.801	0.732	0.983	817.178	0.999	14.705
8/10/2017 23:30	91800	54.981	16.959	126.949	1223.722	1445.757	0.732	0.983	817.179	0.999	14.71
8/10/2017 23:45	92700	54.983	16.958	126.954	1223.857	1445.945	0.732	0.983	817.089	0.999	14.701
8/11/2017 0:00	93600	54.975	16.956	126.935	1223.483	1445.575	0.732	0.983	817.339	0.999	14.706
8/11/2017 0:15	94500	54.972	16.958	126.928	1223.747	1445.841	0.732	0.983	817.162	0.999	14.706
8/11/2017 0:30	95400	54.966	16.957	126.915	1223.841	1445.977	0.732	0.983	817.1	0.999	14.711
8/11/2017 0:45	96300	54.969	16.959	126.921	1223.816	1445.862	0.732	0.983	817.116	0.999	14.707
8/11/2017 1:00	97200	54.963	16.958	126.907	1223.79	1445.869	0.732	0.983	817.133	0.999	14.706
8/11/2017 1:15	98100	54.96	16.957	126.9	1223.6	1445.681	0.732	0.983	817.26	0.999	14.709
8/11/2017 1:30	99000	54.966	16.958	126.914	1223.779	1445.859	0.732	0.983	817.141	0.999	14.702
8/11/2017 1:45	99900	54.967	16.956	126.917	1223.551	1445.661	0.732	0.983	817.293	0.999	14.704
8/11/2017 2:00	100800	54.974	16.958	126.934	1223.932	1446.045	0.732	0.983	817.039	0.999	14.7
8/11/2017 2:15	101700	54.973	16.958	126.931	1223.574	1445.631	0.732	0.983	817.278	0.999	14.706
8/11/2017 2:30	102600	55.026	16.958	126.919	1223.735	1445.815	0.732	0.983	817.171	0.999	14.709
8/11/2017 2:45	103500	54.981	16.957	126.949	1223.635	1445.722	0.732	0.983	817.237	0.999	14.702
8/11/2017 3:00	104400	54.983	16.958	126.954	1223.973	1446.102	0.732	0.983	817.012	0.999	14.7
8/11/2017 3:15	105300	54.981	16.958	126.948	1223.608	1445.668	0.732	0.983	817.255	0.999	14.707
8/11/2017 3:30	106200	54.985	16.957	126.958	1223.986	1446.143	0.732	0.983	817.003	0.999	14.704
8/11/2017 3:45	107100	54.993	16.958	126.977	1223.772	1445.848	0.732	0.983	817.146	0.999	14.704
8/11/2017 4:00	108000	54.999	16.959	126.99	1223.49	1445.492	0.732	0.983	817.334	0.999	14.702
8/11/2017 4:15	108900	55.005	16.957	127.005	1223.703	1445.803	0.732	0.983	817.192	0.999	14.701
8/11/2017 4:30	109800	55.001	16.958	126.996	1223.84	1445.948	0.732	0.983	817.1	0.999	14.71
8/11/2017 4:45	110700	55.011	16.958	127.019	1223.773	1445.854	0.732	0.983	817.145	0.999	14.707
8/11/2017 5:00	111600	55.021	16.959	127.042	1223.599	1445.611	0.732	0.983	817.261	0.999	14.702
8/11/2017 5:15	112500	55.034	16.958	127.071	1223.844	1445.944	0.732	0.983	817.098	0.999	14.699
8/11/2017 5:30	113400	55.036	16.958	127.077	1223.735	1445.815	0.732	0.983	817.171	0.999	14.709
8/11/2017 5:45	114300	55.058	16.959	127.127	1223.587	1445.606	0.732	0.983	817.269	0.999	14.704
8/11/2017 6:00	115200	55.072	16.958	127.158	1223.756	1445.832	0.732	0.983	817.156	0.999	14.702
8/11/2017 6:15	116100	55.081	16.96	127.18	1223.575	1445.563	0.732	0.983	817.277	0.999	14.703
8/11/2017 6:30	117000	55.094	16.957	127.211	1223.526	1445.596	0.732	0.983	817.31	0.999	14.705
8/11/2017 6:45	117900	55.105	16.959	127.237	1223.696	1445.748	0.732	0.983	817.197	0.999	14.704
8/11/2017 7:00	118800	55.108	16.96	127.243	1223.717	1445.733	0.732	0.983	817.183	0.999	14.708
8/11/2017 7:15	119700	55.119	16.957	127.268	1223.66	1445.776	0.732	0.983	817.22	0.999	14.705
8/11/2017 7:30	120600	55.111	16.958	127.25	1223.614	1445.66	0.732	0.983	817.252	0.999	14.708
8/11/2017 7:45	121500	55.116	16.957	127.262	1223.57	1445.638	0.732	0.983	817.28	0.999	14.712
8/11/2017 8:00	122400	55.119	16.955	127.269	1223.507	1445.638	0.732	0.983	817.323	0.999	14.708
8/11/2017 8:15	123300	55.111	16.956	127.249	1223.991	1446.189	0.732	0.999	816.999	0.999	14.711
8/11/2017 8:30	124200	55.095	16.957	127.214	1223.613	1445.708	0.732	0.983	817.252	0.999	14.718
8/11/2017 8:45	125100	55.102	16.956	127.228	1223.772	1445.922	0.732	0.983	817.143	0.999	14.709
8/11/2017 9:00	126000	55.084	16.957	127.187	1223.744	1445.851	0.732	0.983	817.165	0.999	14.713
8/11/2017 9:15	126900	55.078	16.957	127.174	1223.959	1446.112	0.732	0.983	817.021	0.999	14.713
8/11/2017 9:30	127800	55.063	16.958	127.138	1223.894	1446.006	0.732	0.983	817.064	0.999	14.718
8/11/2017 9:45	128700	55.048	16.957	127.105	1223.832	1445.97	0.732	0.983	817.106	0.999	14.718
8/11/2017 10:00	129600	55.049	16.958	127.107	1223.747	1445.815	0.732	0.983	817.163	0.999	14.712
8/11/2017 10:15	130500	55.035	16.959	127.075	1223.409	1446.24	0.732	0.983	816.968	0.999	14.706
8/11/2017 10:30	131400	55.017	16.957	127.032	1223.949	1446.103	0.732	0.983	817.027	0.999	14.721
8/11/2017 10:45	132300	55.014	16.955	127.025	1223.856	1446.064	0.732	0.983	817.089	0.999	14.718
8/11/2017 11:00	133200	55.002	16.957	126.997	1223.713	1445.806	0.732	0.983	817.185	0.999	14.718
8/11/2017 11:15	134100	54.995	16.956	126.982	1223.821	1445.98	0.732	0.983	817.113	0.999	14.717
8/11/2017 11:30	135000	54.986	16.958	126.96	1223.975	1446.113	0.732	0.983	817.01	0.999	14.72
8/11/2017 11:45	135900	54.982	16.955	126.951	1223.71	1445.851	0.732	0.983	817.187	0.999	14.718
8/11/2017 12:00	136800	54.973	16.956	126.931	1223.902	1446.093	0.732	0.983	817.059	0.999	14.716
8/11/2017 12:15	137700	54.967	16.957	126.916	1223.87	1446.023	0.732	0.983	817.081	0.999	14.719
8/11/2017 12:30	138600	54.971	16.955	126.927	1223.895	1446.101	0.732	0.983	817.064	0.999	14.71
8/11/2017 12:45	139500	54.96	16.956	126.9	1223.725	1445.863	0.732	0.983	817.177	0.999	14.716
8/11/2017 13:00	140400	54.955	16.954	126.89	1223.946	1446.19	0.732	0.983	817.029	0.999	14.715
8/11/2017 13:15	141300	54.950	16.953	126.896	1223.994	1446.286	0.732	0.983	816.998	0.999	14.71
8/11/2017 13:30	142200	54.956	16.955	126.892	1223.734	1445.911	0.732	0.983	817.171	0.999	14.703
8/11/2017 13:45	143100	54.951	16.955	126.88	1223.835	1446.025	0.732	0.983	817.103	0.999	14.708
8/11/2017 14:00	144000	54.94	16.956	126.855	1223.765	1445.931	0.732	0.983	817.15	0.999	14.709
8/11/2017 14:15	144900	54.933	16.956	126.838	1224.055	1446.265	0.732	0.983	816.957	0.999	14.712
8/11/2017 14:30	145800	54.931	16.957	126.834	1223.6						

8/12/2017 22:15	260100	54.998	16.959	126.989	1223.735	1445.792	0.732	0.983	817.171	0.999	14.7
8/12/2017 22:30	261000	55	16.959	126.993	1223.903	1445.982	0.732	0.983	817.058	0.999	14.695
8/12/2017 22:45	261900	55.009	16.96	127.014	1223.496	1445.482	0.732	0.983	817.33	0.999	14.693
8/12/2017 23:00	262800	55.004	16.96	127.001	1223.848	1445.886	0.732	0.983	817.095	0.999	14.7
8/12/2017 23:15	263700	55.004	16.959	127.003	1223.981	1446.071	0.732	0.983	817.006	0.999	14.698
8/12/2017 23:30	264600	55.002	16.959	126.997	1223.661	1445.689	0.732	0.983	817.219	0.999	14.7
8/12/2017 23:45	265500	55.004	16.959	127.002	1223.577	1445.609	0.732	0.983	817.176	0.999	14.701
8/13/2017 0:00	266400	55.009	16.959	127.014	1223.934	1446.016	0.732	0.983	817.038	0.999	14.701
8/13/2017 0:15	267300	55.014	16.959	127.026	1223.502	1445.491	0.732	0.983	817.326	0.999	14.701
8/13/2017 0:30	268200	55.017	16.958	127.032	1223.667	1445.729	0.732	0.983	817.216	0.999	14.702
8/13/2017 0:45	269100	55.033	16.959	127.069	1223.993	1446.086	0.732	0.983	816.998	0.999	14.692
8/13/2017 1:00	270000	55.031	16.96	127.065	1223.522	1445.506	0.732	0.983	817.313	0.999	14.696
8/13/2017 1:15	270900	55.032	16.961	127.067	1223.699	1445.567	0.732	0.983	817.195	0.999	14.7
8/13/2017 1:30	271800	55.042	16.958	127.09	1223.661	1445.719	0.732	0.983	817.22	0.999	14.696
8/13/2017 1:45	272700	55.054	16.959	127.119	1223.951	1446.022	0.732	0.983	817.026	0.999	14.695
8/13/2017 2:00	273600	55.064	16.958	127.141	1223.581	1445.636	0.732	0.983	817.273	0.999	14.694
8/13/2017 2:15	274500	55.072	16.959	127.159	1223.672	1445.714	0.732	0.983	817.213	0.999	14.693
8/13/2017 2:30	275400	55.081	16.958	127.181	1223.806	1445.897	0.732	0.983	817.123	0.999	14.695
8/13/2017 2:45	276300	55.086	16.958	127.193	1223.758	1445.853	0.732	0.983	817.155	0.999	14.695
8/13/2017 3:00	277200	55.093	16.959	127.208	1223.682	1445.73	0.732	0.983	817.206	0.999	14.692
8/13/2017 3:15	278100	55.103	16.96	127.231	1223.703	1445.72	0.732	0.983	817.192	0.999	14.694
8/13/2017 3:30	279000	55.111	16.961	127.25	1223.651	1445.607	0.732	0.983	817.227	0.999	14.692
8/13/2017 3:45	279900	55.117	16.96	127.263	1223.507	1445.474	0.732	0.983	817.323	0.999	14.694
8/13/2017 4:00	280800	55.129	16.959	127.291	1223.735	1445.769	0.732	0.983	817.171	0.999	14.691
8/13/2017 4:15	281700	55.135	16.957	127.305	1223.474	1445.549	0.732	0.983	817.343	0.999	14.692
8/13/2017 4:30	282600	55.142	16.959	127.322	1223.516	1445.508	0.732	0.983	817.317	0.999	14.689
8/13/2017 4:45	283500	55.146	16.959	127.331	1223.538	1445.548	0.732	0.983	817.302	0.999	14.698
8/13/2017 5:00	284400	55.156	16.961	127.355	1223.721	1445.713	0.732	0.983	817.179	0.999	14.691
8/13/2017 5:15	285300	55.166	16.96	127.377	1223.375	1445.321	0.732	0.983	817.411	0.999	14.693
8/13/2017 5:30	286200	55.176	16.96	127.401	1223.583	1445.575	0.732	0.983	817.272	0.999	14.695
8/13/2017 5:45	287100	55.18	16.955	127.41	1223.608	1445.776	0.732	0.983	817.255	0.999	14.7
8/13/2017 6:00	288000	55.191	16.959	127.435	1223.525	1445.524	0.732	0.983	817.311	0.999	14.697
8/13/2017 6:15	288900	55.202	16.956	127.461	1223.445	1445.541	0.732	0.983	817.364	0.999	14.704
8/13/2017 6:30	289800	55.212	16.96	127.484	1223.416	1445.379	0.732	0.983	817.383	0.999	14.701
8/13/2017 6:45	290700	55.241	16.96	127.551	1223.48	1445.454	0.732	0.983	817.341	0.999	14.698
8/13/2017 7:00	291600	55.222	16.958	127.506	1223.259	1445.247	0.732	0.983	817.489	0.999	14.706
8/13/2017 7:15	292500	55.227	16.957	127.518	1223.423	1445.486	0.732	0.983	817.379	0.999	14.719
8/13/2017 7:30	293400	55.229	16.959	127.523	1223.524	1445.542	0.732	0.983	817.312	0.999	14.704
8/13/2017 7:45	294300	55.233	16.958	127.531	1223.18	1445.146	0.732	0.983	817.541	0.999	14.701
8/13/2017 8:00	295200	55.23	16.959	127.523	1223.431	1445.407	0.732	0.983	817.374	0.999	14.708
8/13/2017 8:15	296100	55.218	16.959	127.497	1223.218	1445.158	0.732	0.983	817.516	0.999	14.714
8/13/2017 8:30	297000	55.216	16.958	127.491	1223.656	1445.716	0.732	0.983	817.223	0.999	14.71
8/13/2017 8:45	297900	55.209	16.958	127.476	1223.188	1445.137	0.732	0.983	817.536	0.999	14.714
8/13/2017 9:00	298800	55.206	16.959	127.469	1223.556	1445.587	0.732	0.983	817.29	0.999	14.716
8/13/2017 9:15	299700	55.204	16.959	127.465	1223.293	1445.256	0.732	0.983	817.466	0.999	14.719
8/13/2017 9:30	300600	55.207	16.96	127.47	1223.282	1445.217	0.732	0.983	817.473	0.999	14.716
8/13/2017 9:45	301500	55.203	16.959	127.462	1223.385	1445.368	0.732	0.983	817.404	0.999	14.723
8/13/2017 10:00	302400	55.203	16.959	127.462	1223.445	1445.456	0.732	0.983	817.364	0.999	14.721
8/13/2017 10:15	303300	55.204	16.957	127.465	1223.074	1445.65	0.732	0.983	817.612	0.999	14.723
8/13/2017 10:30	304200	55.199	16.957	127.453	1223.226	1445.231	0.732	0.983	817.51	0.999	14.723
8/13/2017 10:45	305100	55.201	16.96	127.457	1223.403	1445.369	0.732	0.983	817.392	0.999	14.725
8/13/2017 11:00	306000	55.197	16.96	127.447	1223.285	1445.223	0.732	0.983	817.471	0.999	14.728
8/13/2017 11:15	306900	55.193	16.961	127.439	1223.167	1445.05	0.732	0.983	817.55	0.999	14.73
8/13/2017 11:30	307800	55.198	16.96	127.451	1223.359	1445.303	0.732	0.983	817.421	0.999	14.723
8/13/2017 11:45	308700	55.195	16.96	127.444	1223.271	1445.201	0.732	0.983	817.48	0.999	14.728
8/13/2017 12:00	309600	55.192	16.961	127.437	1223.252	1445.257	0.732	0.983	817.426	0.999	14.727
8/13/2017 12:15	310500	55.192	16.962	127.437	1222.919	1444.732	0.731	0.982	817.715	0.999	14.724
8/13/2017 12:30	311400	55.19	16.959	127.431	1223.203	1445.166	0.732	0.983	817.526	0.999	14.728
8/13/2017 12:45	312300	55.199	16.96	127.452	1223.212	1445.135	0.732	0.983	817.52	0.999	14.723
8/13/2017 13:00	313200	55.203	16.961	127.462	1223.129	1445.004	0.732	0.983	817.576	0.999	14.725
8/13/2017 13:15	314100	55.207	16.961	127.471	1223.197	1445.094	0.732	0.983	817.53	0.999	14.721
8/13/2017 13:30	315000	55.215	16.96	127.489	1223.211	1445.149	0.732	0.983	817.52	0.999	14.719
8/13/2017 13:45	315900	55.215	16.958	127.49	1223.242	1445.238	0.732	0.983	817.5	0.999	14.726
8/13/2017 14:00	316800	55.224	16.958	127.512	1223.075	1445.03	0.732	0.983	817.611	0.999	14.718
8/13/2017 14:15	317700	55.226	16.96	127.515	1223.197	1445.128	0.732	0.983	817.53	0.999	14.722
8/13/2017 14:30	318600	55.233	16.958	127.53	1223.29	1445.298	0.732	0.983	817.467	0.999	14.724
8/13/2017 14:45	319500	55.246	16.959	127.562	1223.168	1445.103	0.732	0.983	817.549	0.999	14.719
8/13/2017 15:00	320400	55.252	16.954	127.574	1223.256	1444.804	0.731	0.983	817.691	0.999	14.727
8/13/2017 15:15	321300	55.264	16.961	127.603	1223.318	1445.234	0.731	0.983	817.449	0.999	14.71
8/13/2017 15:30	322200	55.266	16.959	127.607	1223.386	1445.36	0.732	0.983	817.404	0.999	14.711
8/13/2017 15:45	323100	55.276	16.96	127.63	1222.949	1444.832	0.731	0.982	817.695	0.999	14.708
8/13/2017 16:00	324000	55.283	16.957	127.646	1223.269	1445.282	0.732	0.983	817.482	0.999	14.708
8/13/2017 16:15	324900	55.293	16.958	127.669	1223.268	1445.255	0.732	0.983	817.482	0.999	14.702
8/13/2017 16:30	325800	55.292	16.959	127.668	1223.371	1445.268	0.732	0.983	817.413	0.999	14.713
8/13/2017 16:45	326700	55.306	16.959	127.699	1222.965	1444.885	0.731	0.983	817.685	0.999	14.704
8/13/2017 17:00	327600	55.332	16.959	127.76	1223.401	1445.372	0.732	0.983	817.393	0.999	14.698
8/13/2017 17:15	328500	55.321	16.958	127.735	1223.457	1445.484	0.732	0.983	817.356	0.999	14.703
8/13/2017 17:30	329400	55.332	16.958	127.76	1222.962	1444.911	0.732	0.983	817.687	0.999	14.699
8/13/2017 17:45	330300	55.34	16.96	127.778	1223.43	1445.389	0.732	0.983	817.374	0.999	14.696
8/13/2017 18:00	331200	55.346	16.96	127.791	1223.165	1445.09	0.732	0.983	817.551	0.999	14.695
8/13/2017 18:15	332100	55.36	16.96	127.825	1223.174	1445.075	0.732	0.983	817.545	0.999	14.693
8/13/2017 18:30	333000	55.363	16.959	127.832	1223.544	1445.546	0.732	0.983	817.298	0.999	14.692
8/13/2017 18:45	333900	55.377	16.96	127.864	1223.149	1445.06	0.732	0.983	817.562	0.999	14.69
8/13/2017 19:00	334800	55.381	16.957	127.873	1223.076	1445.054	0.732	0.983	817.611	0.999	14.686
8/13/2017 19:15	335700	55.396									

8/15/2017 3:00	450000	55.612	16.955	128.407	1223.15	1445.22	0.732	0.983	817.562	0.999	14.675
8/15/2017 3:15	450900	55.613	16.953	128.41	1223.324	1445.478	0.732	0.983	817.445	0.999	14.679
8/15/2017 3:30	451800	55.627	16.954	128.441	1223.191	1445.297	0.732	0.983	817.534	0.999	14.672
8/15/2017 3:45	452700	55.634	16.953	128.457	1222.993	1445.087	0.732	0.983	817.666	0.999	14.674
8/15/2017 4:00	453600	55.647	16.953	128.488	1223.122	1445.251	0.732	0.983	817.58	0.999	14.669
8/15/2017 4:15	454500	55.649	16.954	128.492	1223.256	1445.389	0.732	0.983	817.49	0.999	14.672
8/15/2017 4:30	455400	55.664	16.951	128.527	1223.328	1445.563	0.732	0.983	817.442	0.999	14.67
8/15/2017 4:45	456300	55.673	16.953	128.547	1222.971	1445.064	0.732	0.983	817.681	0.999	14.673
8/15/2017 5:00	457200	55.687	16.954	128.578	1223.213	1445.313	0.732	0.983	817.519	0.999	14.668
8/15/2017 5:15	458100	55.694	16.954	128.596	1223.234	1445.344	0.732	0.983	817.505	0.999	14.672
8/15/2017 5:30	459000	55.703	16.953	128.616	1223.026	1445.135	0.732	0.983	817.644	0.999	14.673
8/15/2017 5:45	459900	55.716	16.954	128.647	1222.994	1445.06	0.732	0.983	817.665	0.999	14.673
8/15/2017 6:00	460800	55.726	16.953	128.669	1223.055	1445.177	0.732	0.983	817.625	0.999	14.674
8/15/2017 6:15	461700	55.73	16.951	128.679	1223.107	1445.305	0.732	0.983	817.59	0.999	14.677
8/15/2017 6:30	462600	55.751	16.953	128.728	1223.062	1445.192	0.732	0.983	817.62	0.999	14.669
8/15/2017 6:45	463500	55.75	16.952	128.725	1223.17	1445.353	0.732	0.983	817.548	0.999	14.677
8/15/2017 7:00	464400	55.75	16.952	128.725	1222.921	1445.044	0.732	0.983	817.715	0.999	14.685
8/15/2017 7:15	465300	55.761	16.953	128.751	1222.885	1444.97	0.732	0.983	817.739	0.999	14.682
8/15/2017 7:30	466200	55.768	16.951	128.766	1223.097	1445.277	0.732	0.983	817.612	0.999	14.679
8/15/2017 7:45	467100	55.761	16.952	128.751	1222.997	1445.14	0.732	0.983	817.663	0.999	14.685
8/15/2017 8:00	468000	55.754	16.952	128.733	1223.044	1445.196	0.732	0.983	817.632	0.999	14.691
8/15/2017 8:15	468900	55.757	16.954	128.742	1223.015	1445.111	0.732	0.983	817.651	0.999	14.689
8/15/2017 8:30	469800	55.747	16.951	128.719	1222.983	1445.169	0.732	0.983	817.673	0.999	14.694
8/15/2017 8:45	470700	55.74	16.952	128.701	1223.044	1445.202	0.732	0.983	817.632	0.999	14.694
8/15/2017 9:00	471600	55.731	16.951	128.681	1222.895	1445.051	0.732	0.983	817.732	0.999	14.693
8/15/2017 9:15	472500	55.727	16.954	128.672	1223.184	1445.31	0.732	0.983	817.538	0.999	14.69
8/15/2017 9:30	473400	55.71	16.948	128.634	1223.098	1445.398	0.732	0.983	817.596	0.999	14.697
8/15/2017 9:45	474300	55.704	16.952	128.619	1223.347	1445.539	0.732	0.983	817.43	0.999	14.693
8/15/2017 10:00	475200	55.685	16.954	128.575	1223.142	1445.246	0.732	0.983	817.566	0.999	14.702
8/15/2017 10:15	476100	55.68	16.953	128.564	1223.129	1445.265	0.732	0.983	817.576	0.999	14.695
8/15/2017 10:30	477000	55.665	16.952	128.529	1223.425	1445.632	0.732	0.983	817.377	0.999	14.701
8/15/2017 10:45	477900	55.644	16.952	128.479	1223.246	1445.448	0.732	0.983	817.497	0.999	14.707
8/15/2017 11:00	478800	55.634	16.951	128.456	1223.286	1445.505	0.732	0.983	817.47	0.999	14.703
8/15/2017 11:15	479700	55.621	16.952	128.427	1223.229	1445.403	0.732	0.983	817.508	0.999	14.702
8/15/2017 11:30	480600	55.607	16.952	128.395	1223.145	1445.327	0.732	0.983	817.565	0.999	14.703
8/15/2017 11:45	481500	55.58	16.953	128.332	1223.421	1445.596	0.732	0.983	817.38	0.999	14.71
8/15/2017 12:00	482400	55.573	16.953	128.316	1223.141	1445.267	0.732	0.983	817.568	0.999	14.706
8/15/2017 12:15	483300	55.558	16.952	128.282	1223.412	1445.614	0.732	0.983	817.386	0.999	14.696
8/15/2017 12:30	484200	55.535	16.954	128.229	1223.386	1445.538	0.732	0.983	817.403	0.999	14.709
8/15/2017 12:45	485100	55.532	16.956	128.221	1223.158	1445.193	0.732	0.983	817.556	0.999	14.699
8/15/2017 13:00	486000	55.522	16.955	128.198	1223.081	1445.154	0.732	0.983	817.608	0.999	14.704
8/15/2017 13:15	486900	55.515	16.954	128.182	1223.145	1445.233	0.732	0.983	817.565	0.999	14.699
8/15/2017 13:30	487800	55.501	16.957	128.15	1223.193	1445.213	0.732	0.983	817.532	0.999	14.704
8/15/2017 13:45	488700	55.493	16.957	128.131	1223.265	1445.286	0.732	0.983	817.484	0.999	14.706
8/15/2017 14:00	489600	55.495	16.956	128.136	1222.986	1444.993	0.732	0.983	817.671	0.999	14.699
8/15/2017 14:15	490500	55.484	16.958	128.11	1223.286	1445.276	0.732	0.983	817.47	0.999	14.699
8/15/2017 14:30	491400	55.474	16.956	128.087	1223.129	1445.167	0.732	0.983	817.576	0.999	14.699
8/15/2017 14:45	492300	55.466	16.957	128.069	1223.012	1444.984	0.732	0.983	817.653	0.999	14.696
8/15/2017 15:00	493200	55.464	16.957	128.064	1223.108	1445.1	0.732	0.983	817.589	0.999	14.7
8/15/2017 15:15	494100	55.462	16.955	128.061	1223.129	1445.187	0.732	0.983	817.576	0.999	14.698
8/15/2017 15:30	495000	55.463	16.958	128.063	1223.112	1445.074	0.732	0.983	817.586	0.999	14.698
8/15/2017 15:45	495900	55.46	16.957	128.055	1222.976	1444.936	0.732	0.983	817.677	0.999	14.7
8/15/2017 16:00	496800	55.468	16.955	128.073	1223.478	1445.611	0.732	0.983	817.342	0.999	14.694
8/15/2017 16:15	497700	55.467	16.958	128.072	1223.043	1444.989	0.732	0.983	817.633	0.999	14.694
8/15/2017 16:30	498600	55.47	16.957	128.079	1222.988	1444.958	0.732	0.983	817.67	0.999	14.695
8/15/2017 16:45	499500	55.47	16.959	128.078	1223.387	1445.283	0.732	0.983	817.403	0.999	14.691
8/15/2017 17:00	500400	55.471	16.957	128.081	1223.032	1445.007	0.732	0.983	817.64	0.999	14.691
8/15/2017 17:15	501300	55.473	16.957	128.086	1223.256	1445.295	0.732	0.983	817.491	0.999	14.695
8/15/2017 17:30	502200	55.474	16.956	128.089	1222.981	1444.987	0.732	0.983	817.674	0.999	14.695
8/15/2017 17:45	503100	55.473	16.956	128.085	1223.203	1445.264	0.732	0.983	817.526	0.999	14.695
8/15/2017 18:00	504000	55.474	16.958	128.089	1223.06	1445.02	0.732	0.983	817.622	0.999	14.692
8/15/2017 18:15	504900	55.478	16.958	128.096	1223.116	1445.206	0.732	0.983	817.45	0.999	14.694
8/15/2017 18:30	505800	55.48	16.956	128.102	1223.071	1445.108	0.732	0.983	817.614	0.999	14.689
8/15/2017 18:45	506700	55.477	16.956	128.095	1223.16	1445.187	0.732	0.983	817.555	0.999	14.69
8/15/2017 19:00	507600	55.476	16.956	128.093	1223.025	1445.031	0.732	0.983	817.645	0.999	14.693
8/15/2017 19:15	508500	55.482	16.956	128.106	1223.189	1445.25	0.732	0.983	817.535	0.999	14.69
8/15/2017 19:30	509400	55.485	16.956	128.114	1223.135	1445.161	0.732	0.983	817.571	0.999	14.691
8/15/2017 19:45	510300	55.489	16.957	128.123	1223.195	1445.22	0.732	0.983	817.531	0.999	14.69
8/15/2017 20:00	511200	55.495	16.958	128.136	1222.914	1444.859	0.731	0.983	817.719	0.999	14.69
8/15/2017 20:15	512100	55.494	16.955	128.133	1223.115	1445.175	0.732	0.983	817.584	0.999	14.695
8/15/2017 20:30	513000	55.506	16.955	128.162	1223.04	1445.1	0.732	0.983	817.635	0.999	14.695
8/15/2017 20:45	513900	55.511	16.953	128.173	1223.005	1445.11	0.732	0.983	817.658	0.999	14.694
8/15/2017 21:00	514800	55.51	16.956	128.171	1223.117	1445.159	0.732	0.983	817.584	0.999	14.698
8/15/2017 21:15	515700	55.52	16.954	128.194	1223.038	1445.124	0.732	0.983	817.636	0.999	14.696
8/15/2017 21:30	516600	55.518	16.955	128.189	1223.279	1445.365	0.732	0.983	817.475	0.999	14.703
8/15/2017 21:45	517500	55.521	16.956	128.197	1222.962	1444.957	0.732	0.983	817.687	0.999	14.701
8/15/2017 22:00	518400	55.519	16.956	128.192	1223.105	1445.129	0.732	0.983	817.591	0.999	14.707
8/15/2017 22:15	519300	55.531	16.954	128.219	1222.942	1444.993	0.732	0.983	817.7	0.999	14.701
8/15/2017 22:30	520200	55.525	16.956	128.206	1223.221	1445.279	0.732	0.983	817.514	0.999	14.712
8/15/2017 22:45	521100	55.524	16.955	128.204	1223.047	1445.105	0.732	0.983	817.63	0.999	14.714
8/15/2017 23:00	522000	55.535	16.955	128.228	1222.986	1445.042	0.732	0.983	817.671	0.999	14.709
8/15/2017 23:15	522900	55.541	16.954	128.243	1222.994	1445.055	0.732	0.983	817.665	0.999	14.706
8/15/2017 23:30	523800	55.536	16.956	128.23	1223.042	1445.077	0.732	0.983	817.633	0.999	14.71
8/15/2017 23:45	524700	55.542	16.954	128.245	1223.144	1445.248	0.732	0.983	817.565	0.999	14.704
8/16/2017 0											

Report Date:	8/18/2017 9:06		
Report User Name:	WMassoll		
Report Computer Name:	WKST52		
Application:	WinSitu.exe		
Application Version:	5.6.27.1		

Log File Properties			
File Name	MPWSP MW-65 LT_Test_2017-08-17_11-02-41-805-BaroMerge.wsl		
Create Date	8/18/2017 9:00		

Device Properties			
Device	Aqua TROLL 200		
Site	MPWSP MW-65		
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-65 LT Test		
Created By	WMassoll		
Computer Name	PROBOOK2		
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			
Specific Gravity	0.999		
Depth			

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:			
Date and Time	Note		
3/16/2017 12:50 Used Battery: 2% Used Memory: 3% User Name: WMassoll			
3/16/2017 13:02 Log Download - Used Battery: 2% Used Memory: 3% User Name: WMassoll Interval - Start Time: 3/16/2017 1:00:00 PM Stop Time: 3/16/2017 3:00:00 PM			
3/23/2017 13:19 Log Download - Used Battery: 2% Used Memory: 3% User Name: AVanHaltma Interval - Start Time: 3/16/2017 1:00:00 PM Stop Time: 3/23/2017 1:15:00 PM			
3/30/2017 11:39 Log Download - Used Battery: 3% Used Memory: 4% User Name: AVanHaltma Interval - Start Time: 3/22/2017 10:00:00 PM Stop Time: 3/30/2017 12:30:00 PM			
4/6/2017 10:29 Log Download - Used Battery: 3% Used Memory: 4% User Name: WMassoll 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: WMassoll 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: WMassoll 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: WMassoll 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: AVanHaltma Interval - Start Time: 4/12/2017 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: WMassoll Interval - Start Time: 4/19/2017 10:00:00 PM Stop Time: 4/27/2017 10:45:00 AM			
5/4/2017 10:20 Log Download - Used Battery: 4% Used Memory: 7% User Name: AVanHaltma Interval - Start Time: 3/31/2017 10:00:00 PM Stop Time: 5/4/2017 11:15:00 AM			
5/11/2017 10:29 Log Download - Used Battery: 5% Used Memory: 9% User Name: AVanHaltma Interval - Start Time: 5/3/2017 10:00:00 PM Stop Time: 5/11/2017 11:15:00 AM			
5/18/2017 14:38 Log Download - Used Battery: 5% 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			
5/25/2017 10:09 Log Download - Used Battery: 6% Used Memory: 10% User Name: AVanHaltma Interval - Start Time: 5/17/2017 10:00:00 PM Stop Time: 5/25/2017 10:00:00 AM			
6/1/2017 14:45 Log Download - Used Battery: 6% Used Memory: 10% User Name: WMassoll Interval - Start Time: 4/30/2017 10:00:00 PM Stop Time: 6/1/2017 1:15:00 PM			
6/1/2017 14:46 Log Download - Used Battery: 6% Used Memory: 10% User Name: WMassoll Interval - Start Time: 4/30/2017 10:00:00 PM Stop Time: 6/1/2017 3:15:00 PM			
6/8/2017 8:14 Log Download - Used Battery: 6% Used Memory: 12% User Name: WMassoll Interval - Start Time: 5/31/2017 10:00:00 PM Stop Time: 6/8/2017 9:20:00 PM			
6/15/2017 13:24 Log Download - Used Battery: 7% Used Memory: 12% User Name: AVanHaltma Interval - Start Time: 6/7/2017 10:00:00 PM Stop Time: 6/15/2017 1:15:00 PM			
6/15/2017 13:26 Log Download - Used Battery: 7% Used Memory: 12% User Name: AVanHaltma Interval - Start Time: 6/7/2017 10:00:00 PM Stop Time: 6/15/2017 2:15:00 PM			
6/22/2017 7:23 Log Download - Used Battery: 7% Used Memory: 14% User Name: AVanHaltma Interval - Start Time: 6/14/2017 10:00:00 PM Stop Time: 6/22/2017 8:15:00 AM			
6/29/2017 7:50 Log Download - Used Battery: 7% Used Memory: 14% User Name: WMassoll Interval - Start Time: 6/21/2017 10:00:00 PM Stop Time: 6/29/2017 8:15:00 PM			
7/6/2017 7:09 Log Download - Used Battery: 8% Used Memory: 15% User Name: AVanHaltma Interval - Start Time: 5/31/2017 10:00:00 PM Stop Time: 7/6/2017 8:00:00 AM			
7/13/2017 10:08 Log Download - Used Battery: 8% Used Memory: 15% User Name: WMassoll Interval - Start Time: 7/5/2017 10:00:00 PM Stop Time: 7/13/2017 4:00:00 PM			
7/13/2017 10:10 Log Download - Used Battery: 8% Used Memory: 15% User Name: WMassoll Interval - Start Time: 7/5/2017 10:00:00 PM Stop Time: 7/13/2017 10:00:00 AM			
7/20/2017 9:15 Log Download - Used Battery: 9% Used Memory: 17% User Name: WMassoll Interval - Start Time: 7/12/2017 10:00:00 PM Stop Time: 7/20/2017 6:45:00 PM			
7/27/2017 11:05 Log Download - Used Battery: 9% Used Memory: 17% User Name: AVanHaltma Interval - Start Time: 7/19/2017 10:00:00 PM Stop Time: 7/27/2017 12:00:00 PM			
8/3/2017 11:47 Log Download - Used Battery: 9% Used Memory: 18% User Name: AVanHaltma Interval - Start Time: 6/30/2017 10:00:00 PM Stop Time: 8/3/2017 12:45:00 PM			
8/10/2017 8:03 Log Download - Used Battery: 10% Used Memory: 18% User Name: WMassoll Interval - Start Time: 8/2/2017 10:00:00 PM Stop Time: 8/10/2017 6:15:00 PM			
8/17/2017 11:01 Log Download - Used Battery: 10% Used Memory: 20% User Name: AVanHaltma Interval - Start Time: 8/9/2017 10:00:00 PM Stop Time: 8/17/2017 12:00:00 PM			
8/18/2017 9:00 User Note: "Pressure & Level adjusted by baro data from: "MPWSP Barotroll_2017-08-17_15-14-23-201.wsl""			

Log Data:			
Record Count	725		

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

Time Zone: Pacific Daylight Time			
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Date and Time	Elapsed Time Seconds	Sensor: PCTD(A) 35.8ft SNR: 498998		Sensor: PCTD(A) 35.8ft SNR: 498998		Sensor: PCTD(A) 35.8ft SNR: 498998		Sensor: PCTD(A) 35.8ft SNR: 498998		Sensor: PCTD(A) 35.8ft SNR: 498998		Sensor: PCTD(A) 35.8ft SNR: 498998		Sensor: PCTD(A) 35.8ft SNR: 498998		Sensor: PCTD(A) 35.8ft SNR: 498998		Sensor: Baro-Adj Calc SNR: 000000	
		Corrected		Corrected		Corrected		Corrected		Corrected		Corrected		Corrected		Corrected		Corrected	
		Pressure (PSI)	Temperature (C)	Depth (ft)	Actual Conductivity (µS/cm)	Specific Conductivity (µS/cm)	Salinity (PSU)	Total Dissolved Solids (ppt)	Resistivity (ohm-cm)	Water Density (g/cm3)	Barometric Pressure (PSI)								
8/10/2017 0:00	7200	11.902	17.003	27.482	1664.638	1664.721	1.009	1.336	600.731	1	14.711								
8/10/2017 0:15	8100	11.904	17.003	27.485	1664.784	1664.893	1.01	1.336	600.679	1	14.714								
8/10/2017 0:30	9000	11.9	17.003	27.476	1664.68	1664.77	1.009	1.336	600.716	1	14.713								
8/10/2017 0:45	9900	11.903	17.003	27.485	1664.497	1664.559	1.009	1.336	600.782	1	14.714								
8/10/2017 1:00	10800	11.898	17.003	27.471	1664.56	1664.629	1.009	1.336	600.759	1	14.715								
8/10/2017 1:15	11700	11.897	17.004	27.469	1664.495	1664.544	1.009	1.336	600.783	1	14.717								
8/10/2017 1:30	12600	11.901	17.003	27.478	1664.235	1664.257	1.009	1.336	600.877	1	14.712								
8/10/2017 1:45	13500	11.899	17.004	27.473	1664.435	1664.474	1.009	1.336	600.805	1	14.713								
8/10/2017 2:00	14400	11.901	17.004	27.478	1664.479	1664.521	1.009	1.336	600.789	1	14.712								
8/10/2017 2:15	15300	11.906	17.003	27.492	1664.262	1664.278	1.009	1.336	600.867	1	14.709								
8/10/2017 2:30	16200	11.901	17.003	27.479	1664.29	1664.314	1.009	1.336	600.857	1	14.713								
8/10/2017 2:45	17100	11.903	17.003	27.483	1664.243	1664.271	1.009	1.336	600.874	1	14.71								
8/10/2017 3:00	18000	11.901	17.003	27.478	1664.254	1664.268	1.009	1.336	600.87	1	14.708								
8/10/2017 3:15	18900	11.896	17.003	27.467	1663.889	1663.837	1.009	1.335	601.002	1	14.711								
8/10/2017 3:30	19800	11.899	17.003	27.475	1663.906	1663.906	1.009	1.335	600.98	1	14.708								
8/10/2017 3:45	20700	11.901	17.003	27.48	1664.044	1664.02	1.009	1.336	600.946	1	14.705								
8/10/2017 4:00	21600	11.904	17.003	27.466	1663.833	1663.771	1.009	1.335	601.022	1	14.701								
8/10/2017 4:15	22500	11.899	17.003	27.474	1664.16	1664.175	1.009	1.336	600.904	1	14.708								
8/10/2017 4:30	23400	11.898	17.004	27.473	1663.671	1663.571	1.009	1.335	601.081	1	14.708								
8/10/2017 4:45	24300	11.904	17.004	27.486	1663.641	1663.529	1.009	1.335	601.091	1	14.706								
8/10/2017 5:00	25200	11.903	17.003	27.483	1663.857	1663.857	1.009	1.335	600.998	1	14.702								
8/10/2017 5:15	26100	11.899	17.003	27.474	1663.686	1663.605	1.009	1.335	601.075	1	14.707								
8/10/2017 5:30	27000	11.91	17.003	27.469	1663.574	1663.473	1.009	1.335	601.116	1	14.7								
8/10/2017 5:45	27900	11.9	17.003	27.476	1663.847	1663.792	1.009	1.335	601.017	1	14.706								
8/10/2017 6:00	28800	11.9	17.003	27.477	1663.548	1663.442	1.009	1.335	601.125	1	14.707								
8/10/2017 6:15	29700	11.902	17.003	27.48	1663.446	1663.311	1.009	1.335	601.162	1	14.712								
8/10/2017 6:30	30600	11.897	17.003	27.471	1663.812	1663.758	1.009	1.335	601.029	1	14.712								
8/10/2017 6:45	31500	11.896	17.004	27.466	1663.597	1663.481	1.009	1.335	601.107	1	14.716								
8/10/2017 7:00	32400	11.899	17.003	27.461	1663.545	1663.443	1.009	1.335	601.126	1	14.719								
8/10/2017 7:15	33300	11.896	17.003	27.467	1663.496	1663.373	1.009	1.335	601.144	1	14.717								
8/10/2017 7:30	34200	11.894	17.003	27.464	1663.402	1663.281	1.009	1.335	601.177	1	14.718								
8/10/2017 7:45	35100	11.901	17.003	27.478	1663.296	1663.142	1.009	1.335	601.216	1	14.718								
8/10/2017 8:00	36000	11.898	17.005	27.473	1663.231	1662.99	1.009	1.335	601.239	1	14.715								
8/10/2017 8:15	36900	11.886	17.005	27.445	1662.439	1662.052	1.008	1.334	601.526	1	14.719								
8/10/2017 8:30	37800	11.885	17.005	27.463	1663.274	1662.974	1.008	1.335	601.549	1	14.721								
8/10/2017 8:45	38700	11.89	17.004	27.453	1662.606	1662.304	1.008	1.334	601.465	1	14.717								
8/10/2017 9:00	39600	11.886	17.003	27.445	1662.755	1662.495	1.008	1.334	601.412	1	14.719								
8/10/2017 9:15	40500	11.888	17.004	27.449	1662.623	1662.316	1.008	1.334	601.459	1	14.721								
8/10/2017 9:30	41400	11.891	17.004	27.457	1662.758	1662.486	1.008	1.335	601.411	1	14.717								
8/10/2017 9:45	42300	11.884	17.004	27.44	1662.805	1662.535	1.008	1.335	601.393	1	14.726								
8/10/2017 10:00	43200	11.902	17.004	27.482	1662.785	1662.526	1.008	1.335	601.401	1	14.702								
8/10/2017 10:15	44100	11.889	17.004	27.451	1662.829	1662.559	1.008	1.335	601.385	1	14.723								
8/10/2017 10:30	45000	11.883	17.004	27.438	1662.795	1662.535	1.008	1.335	601.397	1	14.729								
8/10/2017 10:45	45900	11.889	17.003	27.45	1662.668	1662.393	1.008	1.334	601.443	1	14.725								
8/10/2017 11:00	46800	11.884	17.003	27.44	1662.793	1662.544	1.008	1.335	601.398	1	14.732								
8/10/2017 11:15	47700	11.889	17.004	27.451	1663.03	1662.816	1.008	1.335	601.312	1	14.725								
8/10/2017 11:30	48600	11.887	17.003	27.446	1662.822	1662.574	1.008	1.335	601.387	1	14.729								
8/10/2017 11:45	49500	11.89	17.004	27.453	1662.886	1662.646	1.008	1.335	601.364	1	14.727								
8/10/2017 12:00	50400	11.891	17.003	27.457	1662.916	1662.689	1.008	1.335	601.353	1	14.725								
8/10/2017 12:15	51300	11.888	17.003	27.45	1662.89	1662.685	1.008	1.335	60										

8/11/2017 2:15	101700	11891	17004	27455	1660379	1959686	1007	1333	602272	1	14706
8/11/2017 2:30	102600	11886	17003	27446	1660295	1959595	1007	1333	602302	1	14701
8/11/2017 2:45	103500	11894	17004	27463	1660112	1959353	1007	1332	602369	1	14702
8/11/2017 3:00	104400	11899	17003	27474	1660092	1959352	1007	1332	602376	1	147
8/11/2017 3:15	105300	11889	17004	27452	1659909	1959128	1006	1332	602443	1	14707
8/11/2017 3:30	106200	11895	17004	27464	1659998	1959229	1006	1332	60241	1	14704
8/11/2017 3:45	107100	11892	17004	27458	1659922	1959157	1006	1332	602438	1	14704
8/11/2017 4:00	108000	11897	17004	27471	1659773	1958971	1006	1332	602492	1	14702
8/11/2017 4:15	108900	11893	17004	27461	1659814	1959016	1006	1332	602477	1	14701
8/11/2017 4:30	109800	11884	17004	27439	1659754	1958945	1006	1332	602499	1	1471
8/11/2017 4:45	110700	11887	17004	27488	1659901	1959112	1006	1332	602445	1	14707
8/11/2017 5:00	111600	11891	17004	27455	1659574	1958825	1006	1332	602506	1	14702
8/11/2017 5:15	112500	11894	17004	27462	1659851	1959064	1006	1332	602464	1	14699
8/11/2017 5:30	113400	11885	17003	27442	1659767	1958969	1006	1332	602494	1	14709
8/11/2017 5:45	114300	11888	17004	27448	1659665	1958833	1006	1332	602531	1	14704
8/11/2017 6:00	115200	1189	17003	27455	165956	195874	1006	1332	602569	1	14702
8/11/2017 6:15	116100	11892	17003	27459	1659602	1958773	1006	1332	602554	1	14703
8/11/2017 6:30	117000	11887	17003	27447	1659531	195869	1006	1332	60258	1	14705
8/11/2017 6:45	117900	1189	17003	27456	1659563	1958731	1006	1332	602568	1	14704
8/11/2017 7:00	118800	11884	17003	2744	165961	1958783	1006	1332	602551	1	14708
8/11/2017 7:15	119700	1189	17004	27454	1659266	1958373	1006	1332	602676	1	14705
8/11/2017 7:30	120600	11885	17003	27441	1659172	195827	1006	1332	60271	1	14711
8/11/2017 7:45	121500	11884	17004	2744	1659293	1958405	1006	1332	602666	1	14712
8/11/2017 8:00	122400	11892	17003	27457	1659276	1958389	1006	1332	602673	1	14708
8/11/2017 8:15	123300	11894	17003	27463	1659103	1958103	1006	1332	602762	1	14712
8/11/2017 8:30	124200	11883	17004	27437	1659082	1958155	1006	1332	602743	1	14718
8/11/2017 8:45	125100	11893	17004	27461	1659017	1958079	1006	1331	602766	1	14709
8/11/2017 9:00	126000	1189	17004	27455	1658945	1957976	1006	1331	602793	1	14713
8/11/2017 9:15	126900	1189	17003	27453	1658945	1958002	1006	1331	602793	1	14713
8/11/2017 9:30	127800	11885	17003	27443	1658976	1958039	1006	1331	602784	1	14718
8/11/2017 9:45	128700	11886	17003	27444	1659105	195814	1006	1332	602755	1	14718
8/11/2017 10:00	129600	11891	17003	27456	165899	1958055	1006	1331	602776	1	14712
8/11/2017 10:15	130500	11889	17004	27452	1658972	1958022	1006	1331	602783	1	14714
8/11/2017 10:30	131400	11882	17004	27434	165884	1957859	1006	1331	602831	1	14721
8/11/2017 10:45	132300	11886	17004	27445	1658684	1957667	1006	1331	602888	1	14718
8/11/2017 11:00	133200	11885	17004	27441	1658689	1957676	1006	1331	602886	1	14718
8/11/2017 11:15	134100	11888	17004	27448	1658773	195778	1006	1331	602855	1	14715
8/11/2017 11:30	135000	11889	17003	2745	1658802	1957832	1006	1331	602845	1	1472
8/11/2017 11:45	135900	11891	17003	27455	165882	1957854	1006	1331	602838	1	14712
8/11/2017 12:00	136800	11884	17004	2744	1658896	1957933	1006	1331	60281	1	14716
8/11/2017 12:15	137700	1188	17003	2743	1658686	1957692	1006	1331	602887	1	14719
8/11/2017 12:30	138600	1189	17003	27453	1658769	1957802	1006	1331	602857	1	1471
8/11/2017 12:45	139500	11883	17003	27437	1658764	1957806	1006	1331	602859	1	14716
8/11/2017 13:00	140400	11883	17004	27438	1658483	1957449	1006	1331	602961	1	14715
8/11/2017 13:15	141300	11886	17004	27444	1658637	195763	1006	1331	602905	1	1471
8/11/2017 13:30	142200	11897	17004	27469	1658524	195749	1006	1331	602946	1	14703
8/11/2017 13:45	143100	11889	17004	2745	1658516	1957484	1006	1331	602949	1	14708
8/11/2017 14:00	144000	11888	17004	27449	1658354	1957293	1005	1331	603008	1	14709
8/11/2017 14:15	144900	1188	17003	27431	1658289	1957205	1005	1331	603031	1	14713
8/11/2017 14:30	145800	11891	17004	27457	1658138	1957041	1005	1331	603086	1	14705
8/11/2017 14:45	146700	11891	17004	27455	1658219	1957134	1005	1331	603057	1	14704
8/11/2017 15:00	147600	11886	17004	27444	1658154	1957042	1005	1331	60308	1	14704
8/11/2017 15:15	148500	1189	17003	27454	1658183	1957098	1005	1331	60307	1	147
8/11/2017 15:30	149400	11892	17003	27458	165808	1956981	1005	1331	603107	1	14695
8/11/2017 15:45	150300	11893	17003	2746	1658009	1956902	1005	1331	603133	1	14697
8/11/2017 16:00	151200	1189	17004	27453	1658048	1956925	1005	1331	603119	1	147
8/11/2017 16:15	152100	11892	17003	27459	1657875	1956739	1005	1331	603182	1	14695
8/11/2017 16:30	153000	11894	17003	27463	1657878	195675	1005	1331	603181	1	14687
8/11/2017 16:45	153900	11881	17003	27434	1657808	1956672	1005	1331	603206	1	14699
8/11/2017 17:00	154800	11887	17004	27446	1657809	1956649	1005	1331	603206	1	14694
8/11/2017 17:15	155700	11891	17004	27456	1657779	195661	1005	133	603217	1	14691
8/11/2017 17:30	156600	11891	17003	27456	1657644	1956574	1005	1332	603266	1	14686
8/11/2017 17:45	157500	11892	17003	27458	1657682	1956515	1005	133	603252	1	14688
8/11/2017 18:00	158400	11895	17003	27466	1657597	1956407	1005	133	603283	1	14677
8/11/2017 18:15	159300	11888	17004	27449	1657664	1956475	1005	133	603258	1	14682
8/11/2017 18:30	160200	11893	17004	2746	1657537	1956328	1005	133	603305	1	14676
8/11/2017 18:45	161100	11891	17003	27455	165751	1956304	1005	133	603315	1	14676
8/11/2017 19:00	162000	11897	17004	27471	1657374	1956175	1005	133	603364	1	14664
8/11/2017 19:15	162900	11892	17004	27458	1657381	1956129	1005	133	603362	1	14676
8/11/2017 19:30	163800	11889	17004	27451	165735	19561	1005	133	603373	1	14672
8/11/2017 19:45	164700	11889	17003	2745	1657287	1956052	1005	133	603396	1	14677
8/11/2017 20:00	165600	11883	17003	27436	1657251	1956002	1005	133	603409	1	14678
8/11/2017 20:15	166500	11891	17003	27455	1657166	1955914	1005	133	60344	1	14667
8/11/2017 20:30	167400	11891	17003	27457	1657175	1955957	1005	133	603437	1	14675
8/11/2017 20:45	168300	11888	17003	27448	1656892	1955579	1005	133	60354	1	14677
8/11/2017 21:00	169200	11878	17004	27426	1656956	1955646	1005	133	603516	1	14684
8/11/2017 21:15	170100	11887	17004	27448	1656889	1955567	1005	133	603541	1	14675
8/11/2017 21:30	171000	11882	17004	27435	1656834	1955499	1004	133	603561	1	14681
8/11/2017 21:45	171900	11884	17003	2744	1657006	1955717	1005	133	603498	1	14679
8/11/2017 22:00	172800	1188	17003	27431	17255466	1955466	1004	133	603572	1	14684
8/11/2017 22:15	173700	1189	17003	27453	1656727	1955391	1004	133	60361	1	14678
8/11/2017 22:30	174600	11887	17003	27447	1656674	1955318	1004	133	603619	1	14676
8/11/2017 22:45	175500	1189	17004	27453	1656611	1955224	1004	133	603642	1	14673
8/11/2017 23:00	176400	11886	17003	27445	1656538	1955161	1004	133	603669	1	14678
8/11/2017 23:15	177300	11887	17004	27447	1656578	1955201	1004	133	603654	1	14676
8/11/2017 23:30	178200	11888	17003	27448	1656357	1954948	1004	1329	603725	1	14677
8/11/2017 23:45	179100	11884	17003	2744	1656344	1954951	1004	1329	603739	1	14684
8/12/2017 0:00	180000	11891	17004	27456	1656203	1954757	1004	1329	603791	1	14678
8/12/2017 0:15	180900	11883	17003	27437	1656268	1954846	1004	1329	603767	1	14682
8/12/2017 0:30	181800	11889	17003	27451	1656206	1954769	1004	1329	60379	1	14682
8/12/2017 0:45	182700	11879	17004	27429	1656236	1954796	1004	1329	603779	1	14687
8/12/2017 1:00	183600	11889	17004	27452	165632	1954896	1004	1329	603748	1	14682
8/12/2017 1:15	184500	11877	17003	27424	1656207	195477	1004	1329	603789	1	14689
8/12/2017 1:30											

8/13/2017 7:00	291600	11.882	17.003	27.434	1652.237	1950.118	1.002	1.326	605.24	1	14.706
8/13/2017 7:15	292500	11.882	17.003	27.435	1652.211	1950.061	1.002	1.326	605.25	1	14.703
8/13/2017 7:30	293400	11.885	17.003	27.442	1652.13	1949.974	1.001	1.326	605.279	1	14.704
8/13/2017 7:45	294300	11.885	17.003	27.442	1652.093	1949.934	1.001	1.326	605.293	1	14.701
8/13/2017 8:00	295200	11.88	17.003	27.43	1651.982	1949.791	1.001	1.326	605.334	1	14.708
8/13/2017 8:15	296100	11.876	17.003	27.422	1652.12	1949.98	1.002	1.326	605.334	1	14.714
8/13/2017 8:30	297000	11.879	17.003	27.429	1652.151	1950.006	1.002	1.326	605.272	1	14.71
8/13/2017 8:45	297900	11.884	17.003	27.44	1652.031	1949.865	1.001	1.326	605.315	1	14.714
8/13/2017 9:00	298800	11.879	17.003	27.427	1651.899	1949.701	1.001	1.326	605.364	1	14.716
8/13/2017 9:15	299700	11.882	17.003	27.434	1651.848	1949.633	1.001	1.326	605.383	1	14.719
8/13/2017 9:30	300600	11.882	17.003	27.434	1651.855	1949.653	1.001	1.326	605.38	1	14.716
8/13/2017 9:45	301500	11.876	17.003	27.421	1651.815	1949.602	1.001	1.326	605.395	1	14.723
8/13/2017 10:00	302400	11.879	17.003	27.429	1651.701	1949.471	1.001	1.326	605.336	1	14.721
8/13/2017 10:15	303300	11.878	17.003	27.426	1651.852	1949.635	1.001	1.326	605.381	1	14.723
8/13/2017 10:30	304200	11.879	17.003	27.429	1651.75	1949.528	1.001	1.326	605.419	1	14.723
8/13/2017 10:45	305100	11.878	17.003	27.427	1651.861	1949.645	1.001	1.326	605.378	1	14.725
8/13/2017 11:00	306000	11.877	17.003	27.425	1651.918	1949.743	1.001	1.326	605.357	1	14.728
8/13/2017 11:15	306900	11.875	17.002	27.418	1651.739	1949.546	1.001	1.326	605.423	1	14.73
8/13/2017 11:30	307800	11.884	17.003	27.44	1651.729	1949.492	1.001	1.326	605.426	1	14.723
8/13/2017 11:45	308700	11.879	17.003	27.427	1651.516	1949.252	1.001	1.325	605.504	1	14.728
8/13/2017 12:00	309600	11.88	17.003	27.43	1651.792	1949.567	1.001	1.326	605.403	1	14.727
8/13/2017 12:15	310500	11.883	17.003	27.437	1651.55	1949.281	1.001	1.326	605.492	1	14.724
8/13/2017 12:30	311400	11.882	17.003	27.435	1651.514	1949.25	1.001	1.325	605.505	1	14.728
8/13/2017 12:45	312300	11.887	17.003	27.446	1651.589	1949.343	1.001	1.326	605.477	1	14.723
8/13/2017 13:00	313200	11.88	17.003	27.43	1651.652	1949.41	1.001	1.326	605.454	1	14.725
8/13/2017 13:15	314100	11.883	17.003	27.437	1651.582	1949.311	1.001	1.326	605.48	1	14.721
8/13/2017 13:30	315000	11.885	17.003	27.443	1651.472	1949.201	1.001	1.325	605.52	1	14.719
8/13/2017 13:45	315900	11.877	17.003	27.423	1651.448	1949.188	1.001	1.325	605.529	1	14.726
8/13/2017 14:00	316800	11.886	17.003	27.444	1651.551	1949.294	1.001	1.326	605.491	1	14.718
8/13/2017 14:15	317700	11.881	17.002	27.433	1651.433	1949.177	1.001	1.325	605.535	1	14.722
8/13/2017 14:30	318600	11.883	17.003	27.454	1651.39	1949.089	1.001	1.325	605.551	1	14.724
8/13/2017 14:45	319500	11.889	17.003	27.45	1651.397	1949.112	1.001	1.325	605.548	1	14.719
8/13/2017 15:00	320400	11.885	17.003	27.443	1651.459	1949.185	1.001	1.325	605.525	1	14.716
8/13/2017 15:15	321300	11.892	17.003	27.458	1651.284	1948.991	1.001	1.325	605.589	1	14.71
8/13/2017 15:30	322200	11.886	17.003	27.444	1651.259	1948.949	1.001	1.325	605.599	1	14.711
8/13/2017 15:45	323100	11.888	17.003	27.448	1651.159	1948.847	1.001	1.325	605.635	1	14.708
8/13/2017 16:00	324000	11.892	17.003	27.458	1651.312	1949.058	1.001	1.325	605.579	1	14.709
8/13/2017 16:15	324900	11.896	17.003	27.467	1651.049	1948.698	1.001	1.325	605.676	1	14.702
8/13/2017 16:30	325800	11.882	17.003	27.436	1651.282	1948.981	1.001	1.325	605.59	1	14.711
8/13/2017 16:45	326700	11.887	17.003	27.447	1651.192	1948.858	1.001	1.325	605.623	1	14.704
8/13/2017 17:00	327600	11.893	17.003	27.461	1651.326	1949.04	1.001	1.325	605.574	1	14.698
8/13/2017 17:15	328500	11.891	17.003	27.456	1651.102	1948.771	1.001	1.325	605.656	1	14.703
8/13/2017 17:30	329400	11.89	17.003	27.454	1650.98	1948.641	1.001	1.325	605.701	1	14.699
8/13/2017 17:45	330300	11.892	17.003	27.458	1650.934	1948.566	1.001	1.325	605.718	1	14.696
8/13/2017 18:00	331200	11.892	17.003	27.458	1651.004	1948.641	1.001	1.325	605.692	1	14.695
8/13/2017 18:15	332100	11.891	17.003	27.457	1650.934	1948.573	1.001	1.325	605.718	1	14.693
8/13/2017 18:30	333000	11.89	17.003	27.454	1651.033	1948.675	1.001	1.325	605.681	1	14.692
8/13/2017 18:45	333900	11.89	17.003	27.455	1650.772	1948.39	1.001	1.325	605.777	1	14.69
8/13/2017 19:00	334800	11.894	17.003	27.464	1650.832	1948.484	1.001	1.325	605.755	1	14.686
8/13/2017 19:15	335700	11.902	17.003	27.481	1650.824	1948.421	1.001	1.325	605.758	1	14.683
8/13/2017 19:30	336600	11.892	17.003	27.459	1650.725	1948.305	1.001	1.325	605.794	1	14.686
8/13/2017 19:45	337500	11.9	17.003	27.477	1650.624	1948.203	1.001	1.325	605.832	1	14.684
8/13/2017 20:00	338400	11.892	17.003	27.459	1650.61	1948.199	1.001	1.325	605.836	1	14.687
8/13/2017 20:15	339300	11.892	17.003	27.458	1650.56	1948.136	1.001	1.325	605.855	1	14.686
8/13/2017 20:30	340200	11.896	17.003	27.468	1650.524	1948.081	1.001	1.325	605.888	1	14.687
8/13/2017 20:45	341100	11.894	17.003	27.462	1650.626	1948.202	1.001	1.325	605.831	1	14.686
8/13/2017 21:00	342000	11.891	17.003	27.456	1650.46	1948.002	1	1.325	605.892	1	14.689
8/13/2017 21:15	342900	11.888	17.002	27.449	1650.508	1948.09	1	1.325	605.874	1	14.692
8/13/2017 21:30	343800	11.885	17.003	27.441	1650.349	1947.874	1	1.325	605.933	1	14.696
8/13/2017 21:45	344700	11.894	17.003	27.463	1650.253	1947.777	1	1.324	605.968	1	14.692
8/13/2017 22:00	345600	11.884	17.003	27.44	1650.377	1947.923	1	1.325	605.922	1	14.697
8/13/2017 22:15	346500	11.888	17.003	27.448	1650.205	1947.713	1	1.324	605.985	1	14.695
8/13/2017 22:30	347400	11.89	17.003	27.454	1650.207	1947.711	1	1.324	605.985	1	14.692
8/13/2017 22:45	348300	11.892	17.003	27.459	1650.402	1947.953	1	1.325	605.913	1	14.691
8/13/2017 23:00	349200	11.888	17.003	27.449	1650.35	1947.884	1	1.325	605.932	1	14.701
8/13/2017 23:15	350100	11.894	17.003	27.462	1650.211	1947.705	1	1.324	605.983	1	14.695
8/13/2017 23:30	351000	11.891	17.003	27.457	1650.177	1947.66	1	1.324	605.996	1	14.693
8/13/2017 23:45	351900	11.89	17.003	27.454	1650.259	1947.755	1	1.325	605.965	1	14.694
8/14/2017 0:00	352800	11.887	17.003	27.447	1650.23	1947.742	1	1.324	605.976	1	14.697
8/14/2017 0:15	353700	11.891	17.003	27.455	1650.03	1947.495	1	1.324	606.05	1	14.695
8/14/2017 0:30	354600	11.888	17.003	27.448	1650.06	1947.546	1	1.324	606.039	1	14.696
8/14/2017 0:45	355500	11.887	17.003	27.448	1649.88	1947.333	1	1.324	606.105	1	14.696
8/14/2017 1:00	356400	11.888	17.003	27.449	1650.001	1947.465	1	1.324	606.06	1	14.694
8/14/2017 1:15	357300	11.899	17.003	27.475	1650.071	1947.552	1	1.324	606.334	1	14.699
8/14/2017 1:30	358200	11.889	17.003	27.452	1649.698	1947.111	1	1.324	606.172	1	14.694
8/14/2017 1:45	359100	11.893	17.003	27.46	1649.813	1947.258	1	1.324	606.129	1	14.69
8/14/2017 2:00	360000	11.887	17.002	27.448	1649.896	1947.368	1	1.324	606.099	1	14.694
8/14/2017 2:15	360900	11.89	17.003	27.454	1649.897	1947.339	1	1.324	606.098	1	14.691
8/14/2017 2:30	361800	11.896	17.003	27.467	1649.91	1947.364	1	1.324	606.094	1	14.688
8/14/2017 2:45	362700	11.898	17.003	27.45	1649.852	1947.288	1	1.324	606.115	1	14.69
8/14/2017 3:00	363600	11.893	17.003	27.461	1649.849	1947.281	1	1.324	606.116	1	14.687
8/14/2017 3:15	364500	11.899	17.003	27.475	1649.737	1947.168	1	1.324	606.157	1	14.685
8/14/2017 3:30	365400	11.897	17.003	27.469	1649.728	1947.135	1	1.324	606.16	1	14.688
8/14/2017 3:45	366300	11.891	17.003	27.457	1649.589	1946.986	1	1.324	606.211	1	14.687
8/14/2017 4:00	367200	11.879	17.003	27.429	1649.633	1947.042	1	1.324	606.195	1	14.699
8/14/2017 4:15	368100	11.896	17.003	27.467	1649.694	1947.167	1	1.324	606.173	1	14.688
8/14/2017 4:30	369000	11.901	17.002	27.478	1649.615	1947.028	1	1.324	606.202	1	14.681
8/14/2017 4:45	369900	11.894	17.003	27.464	1649.668	1947.076	1	1.324	606.182	1	14

8/15/2017 11:45	481500	11.894	17.002	27.462	1646.707	1943.604	0.998	1.322	607.272	1	14.71
8/15/2017 12:00	482400	11.905	17.002	27.487	1646.896	1943.822	0.998	1.322	607.203	1	14.701
8/15/2017 12:15	483300	11.91	17.002	27.501	1646.729	1943.633	0.998	1.322	607.265	1	14.696
8/15/2017 12:30	484200	11.896	17.002	27.467	1646.689	1943.599	0.998	1.322	607.279	1	14.709
8/15/2017 12:45	485100	11.909	17.002	27.497	1646.686	1943.583	0.998	1.322	607.28	1	14.699
8/15/2017 13:00	486000	11.901	17.003	27.478	1646.719	1943.595	0.998	1.322	607.268	1	14.704
8/15/2017 13:15	486900	11.904	17.002	27.487	1646.855	1943.779	0.998	1.322	607.218	1	14.699
8/15/2017 13:30	487800	11.899	17.002	27.474	1646.874	1943.793	0.998	1.322	607.211	1	14.704
8/15/2017 13:45	488700	11.898	17.002	27.471	1647.005	1943.971	0.998	1.322	607.163	1	14.706
8/15/2017 14:00	489600	11.904	17.002	27.485	1646.892	1943.849	0.998	1.322	607.204	1	14.699
8/15/2017 14:15	490500	11.904	17.002	27.486	1646.902	1943.845	0.998	1.322	607.201	1	14.699
8/15/2017 14:30	491400	11.903	17.002	27.483	1646.553	1943.561	0.998	1.322	607.293	1	14.699
8/15/2017 14:45	492300	11.906	17.002	27.491	1646.596	1943.473	0.998	1.322	607.314	1	14.696
8/15/2017 15:00	493200	11.902	17.002	27.48	1646.581	1943.466	0.998	1.322	607.319	1	14.7
8/15/2017 15:15	494100	11.902	17.002	27.481	1646.459	1943.314	0.998	1.321	607.364	1	14.698
8/15/2017 15:30	495000	11.905	17.002	27.489	1646.607	1943.493	0.998	1.322	607.31	1	14.698
8/15/2017 15:45	495900	11.899	17.003	27.474	1646.395	1943.216	0.998	1.321	607.388	1	14.7
8/15/2017 16:00	496800	11.909	17.002	27.497	1646.311	1943.132	0.998	1.321	607.419	1	14.694
8/15/2017 16:15	497700	11.905	17.002	27.489	1646.5	1943.359	0.998	1.321	607.349	1	14.694
8/15/2017 16:30	498600	11.903	17.002	27.483	1646.244	1943.057	0.998	1.321	607.443	1	14.695
8/15/2017 16:45	499500	11.907	17.002	27.492	1646.273	1943.099	0.998	1.321	607.433	1	14.691
8/15/2017 17:00	500400	11.906	17.002	27.491	1646.202	1943.019	0.998	1.321	607.459	1	14.691
8/15/2017 17:15	501300	11.904	17.002	27.485	1646.183	1942.978	0.998	1.321	607.466	1	14.695
8/15/2017 17:30	502200	11.903	17.002	27.485	1646.232	1943.061	0.998	1.321	607.448	1	14.695
8/15/2017 17:45	503100	11.908	17.002	27.495	1646.232	1943.043	0.998	1.321	607.448	1	14.695
8/15/2017 18:00	504000	11.906	17.002	27.49	1646.292	1943.114	0.998	1.321	607.426	1	14.692
8/15/2017 18:15	504900	11.903	17.002	27.484	1646.042	1942.834	0.998	1.321	607.518	1	14.694
8/15/2017 18:30	505800	11.908	17.002	27.495	1645.978	1942.767	0.998	1.321	607.541	1	14.689
8/15/2017 18:45	506700	11.907	17.003	27.493	1646.021	1942.782	0.998	1.321	607.526	1	14.69
8/15/2017 19:00	507600	11.902	17.002	27.482	1646.002	1942.783	0.998	1.321	607.533	1	14.693
8/15/2017 19:15	508500	11.909	17.002	27.497	1645.878	1942.644	0.998	1.321	607.578	1	14.69
8/15/2017 19:30	509400	11.906	17.002	27.491	1645.864	1942.628	0.998	1.321	607.584	1	14.691
8/15/2017 19:45	510300	11.91	17.002	27.5	1645.821	1942.581	0.998	1.321	607.599	1	14.69
8/15/2017 20:00	511200	11.907	17.002	27.492	1645.771	1942.507	0.997	1.321	607.618	1	14.69
8/15/2017 20:15	512100	11.902	17.002	27.481	1645.823	1942.564	0.998	1.321	607.599	1	14.695
8/15/2017 20:30	513000	11.902	17.002	27.482	1645.77	1942.498	0.997	1.321	607.618	1	14.695
8/15/2017 20:45	513900	11.905	17.002	27.488	1645.717	1942.439	0.997	1.321	607.638	1	14.694
8/15/2017 21:00	514800	11.901	17.002	27.479	1645.621	1942.329	0.997	1.321	607.673	1	14.698
8/15/2017 21:15	515700	11.903	17.002	27.484	1645.574	1942.277	0.997	1.321	607.691	1	14.696
8/15/2017 21:30	516600	11.898	17.002	27.472	1645.582	1942.279	0.997	1.321	607.688	1	14.703
8/15/2017 21:45	517500	11.901	17.002	27.48	1645.565	1942.259	0.997	1.321	607.694	1	14.701
8/15/2017 22:00	518400	11.898	17.002	27.471	1645.525	1942.216	0.997	1.321	607.709	1	14.707
8/15/2017 22:15	519300	11.903	17.002	27.484	1645.452	1942.122	0.997	1.321	607.736	1	14.706
8/15/2017 22:30	520200	11.895	17.002	27.465	1645.388	1942.058	0.997	1.321	607.759	1	14.712
8/15/2017 22:45	521100	11.895	17.002	27.464	1645.351	1942.015	0.997	1.321	607.773	1	14.714
8/15/2017 23:00	522000	11.904	17.002	27.486	1645.367	1942.041	0.997	1.321	607.767	1	14.709
8/15/2017 23:15	522900	11.902	17.002	27.482	1645.41	1942.084	0.997	1.321	607.751	1	14.706
8/15/2017 23:30	523800	11.899	17.002	27.475	1645.429	1942.103	0.997	1.321	607.744	1	14.71
8/15/2017 23:45	524700	11.904	17.002	27.487	1645.295	1941.967	0.997	1.321	607.794	1	14.704
8/16/2017 0:00	525600	11.911	17.002	27.501	1645.289	1941.948	0.997	1.321	607.796	1	14.704
8/16/2017 0:15	526500	11.908	17.002	27.495	1645.222	1941.878	0.997	1.32	607.821	1	14.702
8/16/2017 0:30	527400	11.902	17.002	27.482	1645.136	1941.757	0.997	1.32	607.852	1	14.707
8/16/2017 0:45	528300	11.911	17.002	27.502	1645.037	1941.652	0.997	1.32	607.889	1	14.702
8/16/2017 1:00	529200	11.901	17.002	27.479	1645.014	1941.598	0.997	1.32	607.897	1	14.707
8/16/2017 1:15	530100	11.905	17.002	27.488	1644.967	1941.565	0.997	1.32	607.915	1	14.704
8/16/2017 1:30	531000	11.903	17.002	27.484	1645.108	1941.717	0.997	1.32	607.863	1	14.703
8/16/2017 1:45	531900	11.907	17.002	27.492	1645.083	1941.68	0.997	1.32	607.872	1	14.703
8/16/2017 2:00	532800	11.914	17.002	27.51	1644.912	1941.488	0.997	1.32	607.935	1	14.7
8/16/2017 2:15	533700	11.907	17.002	27.493	1645.031	1941.621	0.997	1.32	607.891	1	14.702
8/16/2017 2:30	534600	11.907	17.002	27.494	1644.967	1941.565	0.997	1.32	607.915	1	14.702
8/16/2017 2:45	535500	11.907	17.002	27.492	1644.833	1941.418	0.997	1.32	607.965	1	14.704
8/16/2017 3:00	536400	11.906	17.002	27.489	1644.826	1941.45	0.997	1.32	607.967	1	14.705
8/16/2017 3:15	537300	11.91	17.002	27.499	1644.808	1941.374	0.997	1.32	607.974	1	14.701
8/16/2017 3:30	538200	11.906	17.002	27.491	1644.835	1941.394	0.997	1.32	607.964	1	14.705
8/16/2017 3:45	539100	11.906	17.002	27.491	1644.746	1941.301	0.997	1.32	607.997	1	14.704
8/16/2017 4:00	540000	11.905	17.002	27.488	1644.692	1941.24	0.997	1.32	608.017	1	14.706
8/16/2017 4:15	540900	11.913	17.002	27.507	1644.536	1941.033	0.997	1.32	608.074	1	14.698
8/16/2017 4:30	541800	11.909	17.002	27.498	1644.627	1941.122	0.997	1.32	608.024	1	14.705
8/16/2017 4:45	542700	11.904	17.002	27.486	1644.766	1941.324	0.997	1.32	607.989	1	14.707
8/16/2017 5:00	543600	11.903	17.002	27.485	1644.67	1941.215	0.997	1.32	608.025	1	14.708
8/16/2017 5:15	544500	11.905	17.002	27.489	1644.623	1941.167	0.997	1.32	608.042	1	14.707
8/16/2017 5:30	545400	11.901	17.002	27.479	1644.654	1941.196	0.997	1.32	608.031	1	14.712
8/16/2017 5:45	546300	11.904	17.002	27.485	1644.563	1941.089	0.997	1.32	608.064	1	14.71
8/16/2017 6:00	547200	11.904	17.002	27.486	1644.575	1941.106	0.997	1.32	608.06	1	14.715
8/16/2017 6:15	548100	11.909	17.002	27.498	1644.654	1941.207	0.997	1.32	608.031	1	14.708
8/16/2017 6:30	549000	11.908	17.002	27.496	1644.467	1940.983	0.997	1.32	608.1	1	14.714
8/16/2017 6:45	549900	11.91	17.002	27.501	1644.45	1940.944	0.997	1.32	608.106	1	14.709
8/16/2017 7:00	550800	11.896	17.002	27.468	1644.544	1941.067	0.997	1.32	608.071	1	14.723
8/16/2017 7:15	551700	11.903	17.002	27.483	1644.359	1940.863	0.997	1.32	608.14	1	14.72
8/16/2017 7:30	552600	11.908	17.002	27.494	1644.466	1940.984	0.997	1.32	608.1	1	14.717
8/16/2017 7:45	553500	11.907	17.002	27.492	1644.443	1940.95	0.997	1.32	608.109	1	14.72
8/16/2017 8:00	554400	11.901	17.002	27.479	1644.324	1940.802	0.997	1.32	608.153	1	14.726
8/16/2017 8:15	555300	11.905	17.002	27.488	1644.262	1940.741	0.997	1.32	608.176	1	14.724
8/16/2017 8:30	556200	11.915	17.002	27.512	1644.294	1940.774	0.997	1.32	608.164	1	14.715
8/16/2017 8:45	557100	11.903	17.002	27.483	1644.163	1940.628	0.996	1.32	608.212	1	14.729
8/16/2017 9:00	558000	11.906	17.002	27.49	1644.222	1940.679	0.996	1.32	608.19	1	14.725
8/16/2017 9:15	558900	11.897	17.002	27.469	1644.184	1940.641	0.996	1.32	608.205	1	14.737
8/16/2017 9:30	559800	11.									

8/10/2017 16:00	64800	115.095	19.236	262.336	34266.676	38505.785	24.711	26.184	29.183	1.017	14.72
8/10/2017 16:15	65700	115.097	19.236	262.341	34258.285	38496.711	24.705	26.178	29.19	1.017	14.718
8/10/2017 16:30	66600	115.11	19.235	262.37	34254.406	38492.633	24.702	26.175	29.193	1.017	14.716
8/10/2017 16:45	67500	115.097	19.236	262.341	34238.934	38474.965	24.69	26.163	29.207	1.017	14.715
8/10/2017 17:00	68400	115.098	19.235	262.343	34238.57	38474.777	24.689	26.163	29.207	1.017	14.713
8/10/2017 17:15	69300	115.092	19.236	262.331	34246.789	38483.578	24.696	26.169	29.2	1.017	14.715
8/10/2017 17:30	70200	115.091	19.235	262.329	34255.133	38505.281	24.711	26.184	29.184	1.017	14.714
8/10/2017 17:45	71100	115.093	19.235	262.333	34260.203	38499.301	24.707	26.18	29.188	1.017	14.707
8/10/2017 18:00	72000	115.093	19.236	262.332	34260.723	38499.602	24.707	26.18	29.188	1.017	14.712
8/10/2017 18:15	72900	115.087	19.235	262.319	34234.941	38470.984	24.687	26.16	29.21	1.017	14.706
8/10/2017 18:30	73800	115.082	19.235	262.307	34221.152	38455.203	24.676	26.15	29.222	1.017	14.702
8/10/2017 18:45	74700	115.081	19.236	262.305	34251.754	38488.453	24.7	26.173	29.196	1.017	14.713
8/10/2017 19:00	75600	115.088	19.235	262.321	34243.352	38480.289	24.693	26.167	29.203	1.017	14.707
8/10/2017 19:15	76500	115.111	19.236	262.373	34236.133	38471.969	24.687	26.161	29.209	1.017	14.708
8/10/2017 19:30	77400	115.077	19.236	262.296	34240.625	38476.863	24.691	26.164	29.205	1.017	14.705
8/10/2017 19:45	78300	115.068	19.236	262.276	34244.973	38481.609	24.694	26.167	29.201	1.017	14.705
8/10/2017 20:00	79200	115.075	19.235	262.291	34244.719	38481.902	24.694	26.168	29.202	1.017	14.704
8/10/2017 20:15	80100	115.065	19.235	262.268	34254.922	38493.438	24.703	26.176	29.193	1.017	14.706
8/10/2017 20:30	81000	115.063	19.235	262.271	34235.926	38472.02	24.694	26.161	29.209	1.017	14.7
8/10/2017 20:45	81900	115.073	19.235	262.287	34236.504	38472.887	24.688	26.162	29.209	1.017	14.7
8/10/2017 21:00	82800	115.063	19.235	262.264	34283.652	38525.797	24.726	26.198	29.168	1.017	14.702
8/10/2017 21:15	83700	115.064	19.235	262.267	34243.273	38480.125	24.693	26.166	29.203	1.017	14.701
8/10/2017 21:30	84600	115.069	19.235	262.279	34250.102	38487.949	24.699	26.172	29.197	1.017	14.704
8/10/2017 21:45	85500	115.058	19.235	262.253	34232.902	38468.766	24.685	26.159	29.212	1.017	14.709
8/10/2017 22:00	86400	115.081	19.235	262.305	34245.777	38482.938	24.695	26.168	29.205	1.017	14.698
8/10/2017 22:15	87300	115.077	19.235	262.297	34247.586	38484.91	24.697	26.17	29.199	1.017	14.705
8/10/2017 22:30	88200	115.066	19.235	262.27	34247.234	38484.945	24.697	26.17	29.199	1.017	14.71
8/10/2017 22:45	89100	115.102	19.235	262.353	34253.824	38492.574	24.702	26.175	29.194	1.017	14.706
8/10/2017 23:00	90000	115.07	19.236	262.28	34215.422	38449.047	24.671	26.145	29.227	1.017	14.714
8/10/2017 23:15	90900	115.08	19.234	262.302	34261.746	38501.605	24.708	26.181	29.187	1.017	14.705
8/10/2017 23:30	91800	115.083	19.235	262.315	34246.168	38472.438	24.698	26.161	29.209	1.017	14.71
8/10/2017 23:45	92700	115.093	19.235	262.332	34268.352	38508.676	24.713	26.186	29.181	1.017	14.701
8/11/2017 0:00	93600	115.096	19.235	262.34	34238.383	38474.781	24.689	26.163	29.207	1.017	14.706
8/11/2017 0:15	94500	115.105	19.235	262.361	34237.793	38473.965	24.689	26.162	29.207	1.017	14.706
8/11/2017 0:30	95400	115.103	19.235	262.356	34253.543	38491.816	24.702	26.174	29.194	1.017	14.711
8/11/2017 0:45	96300	115.114	19.235	262.381	34232.371	38468.246	24.685	26.158	29.212	1.017	14.707
8/11/2017 1:00	97200	115.11	19.234	262.371	34243.777	38481.566	24.694	26.167	29.202	1.017	14.704
8/11/2017 1:15	98100	115.112	19.235	262.375	34256.828	38495.727	24.704	26.177	29.191	1.017	14.709
8/11/2017 1:30	99000	115.128	19.235	262.413	34248.715	38486.391	24.698	26.171	29.198	1.017	14.702
8/11/2017 1:45	99900	115.127	19.235	262.41	34252.672	38491.059	24.701	26.174	29.195	1.017	14.704
8/11/2017 2:00	100800	115.139	19.235	262.437	34263.543	38503.496	24.71	26.182	29.186	1.017	14.7
8/11/2017 2:15	101700	115.163	19.235	262.492	34248.039	38486.074	24.697	26.171	29.199	1.017	14.706
8/11/2017 2:30	102600	115.14	19.236	262.444	34237.012	38472.887	24.688	26.167	29.202	1.017	14.712
8/11/2017 2:45	103500	115.137	19.235	262.433	34256.313	38494.93	24.704	26.177	29.192	1.017	14.702
8/11/2017 3:00	104400	115.149	19.235	262.461	34226.719	38461.598	24.68	26.154	29.217	1.017	14.7
8/11/2017 3:15	105300	115.133	19.235	262.424	34256.266	38494.875	24.704	26.177	29.192	1.017	14.707
8/11/2017 3:30	106200	115.14	19.235	262.439	34235.285	38471.086	24.687	26.16	29.21	1.017	14.704
8/11/2017 3:45	107100	115.136	19.235	262.431	34244.035	38481.133	24.694	26.167	29.202	1.017	14.704
8/11/2017 4:00	108000	115.142	19.235	262.445	34248.355	38475.191	24.69	26.161	29.207	1.017	14.702
8/11/2017 4:15	108900	115.138	19.235	262.435	34232.789	38468.281	24.685	26.158	29.212	1.017	14.701
8/11/2017 4:30	109800	115.122	19.235	262.398	34264.754	38504.34	24.71	26.183	29.185	1.017	14.71
8/11/2017 4:45	110700	115.123	19.235	262.4	34261.047	38500.539	24.708	26.18	29.188	1.017	14.707
8/11/2017 5:00	111600	115.134	19.236	262.425	34240.23	38476.352	24.691	26.164	29.205	1.017	14.702
8/11/2017 5:15	112500	115.122	19.235	262.399	34235.695	38472.203	24.688	26.161	29.209	1.017	14.699
8/11/2017 5:30	113400	115.101	19.235	262.352	34235.051	38471.035	24.687	26.16	29.21	1.017	14.709
8/11/2017 5:45	114300	115.107	19.236	262.365	34257.027	38495.297	24.704	26.177	29.191	1.017	14.704
8/11/2017 6:00	115200	115.105	19.235	262.359	34267.48	38507.402	24.713	26.185	29.182	1.017	14.702
8/11/2017 6:15	116100	115.09	19.235	262.327	34231.469	38467.082	24.684	26.158	29.213	1.017	14.703
8/11/2017 6:30	117000	115.078	19.235	262.299	34265.563	38505.613	24.711	26.184	29.184	1.017	14.705
8/11/2017 6:45	117900	115.07	19.235	262.28	34242.355	38479.391	24.693	26.166	29.204	1.017	14.704
8/11/2017 7:00	118800	115.071	19.235	262.282	34246.898	38484.273	24.696	26.169	29.2	1.017	14.708
8/11/2017 7:15	119700	115.059	19.235	262.254	34244.246	38481.371	24.694	26.167	29.205	1.017	14.707
8/11/2017 7:30	120600	115.052	19.235	262.238	34239.086	38475.859	24.69	26.164	29.206	1.017	14.711
8/11/2017 7:45	121500	115.051	19.235	262.236	34255.551	38493.859	24.703	26.176	29.192	1.017	14.712
8/11/2017 8:00	122400	115.049	19.235	262.232	34230.125	38465.645	24.683	26.157	29.214	1.017	14.708
8/11/2017 8:15	123300	115.046	19.234	262.225	34234.621	38471.125	24.687	26.16	29.21	1.017	14.711
8/11/2017 8:30	124200	115.021	19.234	262.167	34232.996	38469.653	24.686	26.159	29.212	1.017	14.718
8/11/2017 8:45	125100	115.031	19.235	262.192	34244.715	38482.11	24.695	26.168	29.205	1.017	14.709
8/11/2017 9:00	126000	115.016	19.234	262.156	34246.715	38484.793	24.697	26.17	29.2	1.017	14.713
8/11/2017 9:15	126900	115.017	19.235	262.158	34237.488	38473.563	24.689	26.162	29.208	1.017	14.713
8/11/2017 9:30	127800	115.01	19.235	262.143	34238.445	38475.211	24.69	26.163	29.207	1.017	14.718
8/11/2017 9:45	128700	115.003	19.235	262.128	34223.652	38458.371	24.678	26.152	29.22	1.017	14.718
8/11/2017 10:00	129600	115.007	19.234	262.137	34236.719	38473.484	24.688	26.162	29.208	1.017	14.712
8/11/2017 10:15	130500	115.006	19.235	262.133	34232.866	38465.36	24.685	26.159	29.215	1.017	14.714
8/11/2017 10:30	131400	115.007	19.235	262.137	34246.449	38484.133	24.696	26.169	29.2	1.017	14.721
8/11/2017 10:45	132300	115.004	19.236	262.129	34246.363	38483.313	24.696	26.169	29.2	1.017	14.718
8/11/2017 11:00	133200	114.997	19.235	262.133	34249.637	38487.273	24.698	26.171	29.197	1.017	14.718
8/11/2017 11:15	134100	115.005	19.235	262.131	34243.371	38480.746	24.694	26.167	29.203	1.017	14.717
8/11/2017 11:30	135000	115	19.236	262.12	34244.438	38481.301	24.694	26.167	29.202	1.017	14.72
8/11/2017 11:45	135900	115.011	19.235	262.161	34247.16	38437.16	24.663	26.137	29.226	1.017	14.713
8/11/2017 12:00	136800	115.012	19.235	262.148	34242.063	38478.984	24.692	26.166	29.204	1.017	14.716
8/11/2017 12:15	137700	115.011	19.235	262.144	34250.848	38488.637	24.699	26.172	29.196	1.017	14.719
8/11/2017 12:30	138600	115.026	19.235								

8/12/2017 20:45	254700	115.08	19235	262.304	34267.754	38507.785	24.713	26.185	29.182	1.017	14.698
8/12/2017 21:00	255600	115.078	19236	262.298	34262.797	38501.492	24.708	26.181	29.186	1.017	14.693
8/12/2017 21:15	256500	115.074	19236	262.289	34250.352	38487.727	24.699	26.172	29.197	1.017	14.697
8/12/2017 21:30	257400	115.069	19235	262.277	34257.344	38496.375	24.705	26.178	29.191	1.017	14.692
8/12/2017 21:45	258300	115.081	19236	262.305	34246.137	38483.141	24.695	26.169	29.2	1.017	14.694
8/12/2017 22:00	259200	115.065	19235	262.269	34250.324	38488.27	24.699	26.172	29.197	1.017	14.696
8/12/2017 22:15	260100	115.059	19235	262.254	34244.645	38470.367	24.686	26.16	29.217	1.017	14.7
8/12/2017 22:30	261000	115.063	19235	262.265	34254.699	38493.406	24.703	26.176	29.193	1.017	14.695
8/12/2017 22:45	261900	115.06	19236	262.256	34257.582	38495.852	24.704	26.177	29.191	1.017	14.693
8/12/2017 23:00	262800	115.05	19235	262.234	34236.859	38473.508	24.689	26.162	29.208	1.017	14.7
8/12/2017 23:15	263700	115.05	19235	262.235	34261.863	38501.168	24.708	26.181	29.187	1.017	14.698
8/12/2017 23:30	264600	115.057	19235	262.251	34243.998	38480.426	24.693	26.167	29.203	1.017	14.7
8/12/2017 23:45	265500	115.049	19235	262.231	34260.203	38499.148	24.707	26.179	29.188	1.017	14.701
8/13/2017 0:00	266400	115.058	19235	262.252	34268.613	38508.973	24.714	26.186	29.181	1.017	14.701
8/13/2017 0:15	267300	115.053	19235	262.241	34241.555	38478.563	24.692	26.165	29.204	1.017	14.701
8/13/2017 0:30	268200	115.041	19236	262.214	34274.902	38515.242	24.718	26.19	29.176	1.017	14.702
8/13/2017 0:45	269100	115.057	19236	262.251	34255.938	38494.004	24.703	26.176	29.192	1.017	14.692
8/13/2017 1:00	270000	115.052	19235	262.239	34224.664	38459.582	24.679	26.153	29.219	1.017	14.696
8/13/2017 1:15	270900	115.057	19235	262.25	34249.906	38487.516	24.698	26.172	29.197	1.017	14.7
8/13/2017 1:30	271800	115.062	19235	262.263	34210.297	38443.66	24.667	26.142	29.231	1.017	14.696
8/13/2017 1:45	272700	115.055	19236	262.245	34230.41	38465.387	24.683	26.156	29.214	1.017	14.695
8/13/2017 2:00	273600	115.059	19235	262.254	34270.727	38511.637	24.716	26.188	29.179	1.017	14.694
8/13/2017 2:15	274500	115.066	19235	262.271	34256.996	38496.055	24.705	26.177	29.191	1.017	14.693
8/13/2017 2:30	275400	115.064	19235	262.266	34264.672	38504.391	24.71	26.183	29.185	1.017	14.695
8/13/2017 2:45	276300	115.07	19235	262.281	34236.289	38472.785	24.688	26.161	29.209	1.017	14.699
8/13/2017 3:00	277200	115.074	19235	262.289	34226.227	38461.477	24.68	26.154	29.217	1.017	14.692
8/13/2017 3:15	278100	115.069	19235	262.279	34263.484	38503.059	24.71	26.182	29.186	1.017	14.694
8/13/2017 3:30	279000	115.078	19236	262.299	34257.32	38495.777	24.704	26.177	29.191	1.017	14.692
8/13/2017 3:45	279900	115.069	19235	262.278	34258.102	38496.938	24.705	26.178	29.19	1.017	14.694
8/13/2017 4:00	280800	115.074	19234	262.29	34234.168	38470.77	24.687	26.16	29.211	1.017	14.691
8/13/2017 4:15	281700	115.078	19235	262.299	34258.063	38496.68	24.705	26.178	29.19	1.017	14.693
8/13/2017 4:30	282600	115.089	19235	262.324	34256.727	38495.906	24.704	26.177	29.191	1.017	14.689
8/13/2017 4:45	283500	115.081	19235	262.304	34252.668	38490.758	24.701	26.174	29.195	1.017	14.698
8/13/2017 5:00	284400	115.08	19235	262.303	34254.203	38492.406	24.702	26.175	29.193	1.017	14.691
8/13/2017 5:15	285300	115.081	19236	262.305	34259.406	38497.68	24.706	26.178	29.189	1.017	14.693
8/13/2017 5:30	286200	115.075	19235	262.292	34253.664	38491.953	24.702	26.175	29.194	1.017	14.695
8/13/2017 5:45	287100	115.071	19234	262.281	34230.469	38466.618	24.684	26.157	29.214	1.017	14.7
8/13/2017 6:00	288000	115.077	19235	262.295	34248.219	38485.758	24.697	26.17	29.199	1.017	14.697
8/13/2017 6:15	288900	115.071	19236	262.283	34255.664	38493.695	24.703	26.176	29.192	1.017	14.704
8/13/2017 6:30	289800	115.078	19235	262.298	34251.715	38490.051	24.7	26.173	29.196	1.017	14.701
8/13/2017 6:45	290700	115.076	19234	262.293	34249.359	38487.688	24.699	26.172	29.198	1.017	14.698
8/13/2017 7:00	291600	115.059	19236	262.255	34255.641	38493.891	24.703	26.176	29.192	1.017	14.706
8/13/2017 7:15	292500	115.067	19235	262.248	34248.84	38486.457	24.698	26.177	29.197	1.017	14.708
8/13/2017 7:30	293400	115.062	19235	262.261	34252.348	38490.914	24.701	26.174	29.195	1.017	14.704
8/13/2017 7:45	294300	115.057	19236	262.25	34255.73	38493.77	24.703	26.176	29.192	1.017	14.701
8/13/2017 8:00	295200	115.082	19235	262.308	34246.145	38483.945	24.696	26.169	29.2	1.017	14.708
8/13/2017 8:15	296100	115.045	19235	262.222	34237.852	38474.402	24.689	26.163	29.207	1.017	14.714
8/13/2017 8:30	297000	115.051	19235	262.236	34257.375	38496.121	24.705	26.177	29.191	1.017	14.71
8/13/2017 8:45	297900	115.044	19235	262.221	34251.355	38500.656	24.708	26.18	29.187	1.017	14.714
8/13/2017 9:00	298800	115.026	19235	262.18	34231.216	38466.984	24.684	26.158	29.213	1.017	14.716
8/13/2017 9:15	299700	115.021	19235	262.168	34251.977	38490.414	24.701	26.173	29.195	1.017	14.719
8/13/2017 9:30	300600	115.032	19235	262.194	34230.594	38466.469	24.684	26.157	29.214	1.017	14.716
8/13/2017 9:45	301500	115.019	19235	262.165	34241.773	38478.949	24.692	26.166	29.204	1.017	14.723
8/13/2017 10:00	302400	115.018	19234	262.16	34257.84	38497.508	24.706	26.178	29.19	1.017	14.721
8/13/2017 10:15	303300	115.007	19234	262.137	34247.34	38485.418	24.697	26.17	29.199	1.017	14.723
8/13/2017 10:30	304200	115.016	19235	262.157	34255.703	38494.602	24.704	26.176	29.192	1.017	14.72
8/13/2017 10:45	305100	115.018	19235	262.161	34247.941	38485.523	24.697	26.17	29.199	1.017	14.725
8/13/2017 11:00	306000	115.001	19235	262.122	34272.816	38513.695	24.717	26.189	29.178	1.017	14.728
8/13/2017 11:15	306900	115.01	19235	262.143	34240.105	38476.504	24.691	26.164	29.206	1.017	14.73
8/13/2017 11:30	307800	115.017	19235	262.159	34263.262	38502.664	24.709	26.182	29.186	1.017	14.723
8/13/2017 11:45	308700	114.995	19235	262.11	34247.484	38485.367	24.697	26.17	29.199	1.017	14.728
8/13/2017 12:00	309600	115.015	19235	262.155	34249.273	38487.279	24.698	26.171	29.198	1.017	14.71
8/13/2017 12:15	310500	115.016	19235	262.156	34244.156	38481.777	24.694	26.168	29.202	1.017	14.724
8/13/2017 12:30	311400	115.012	19235	262.148	34260.664	38499.887	24.707	26.18	29.188	1.017	14.728
8/13/2017 12:45	312300	115.026	19235	262.18	34250.945	38488.746	24.699	26.172	29.196	1.017	14.723
8/13/2017 13:00	313200	115.027	19235	262.182	34265.957	38506.277	24.712	26.184	29.183	1.017	14.725
8/13/2017 13:15	314100	115.029	19235	262.186	34258.633	38497.977	24.706	26.179	29.19	1.017	14.721
8/13/2017 13:30	315000	115.038	19235	262.208	34256.793	38506.908	24.712	26.185	29.183	1.017	14.719
8/13/2017 13:45	315900	115.037	19235	262.205	34232.449	38468.258	24.685	26.158	29.212	1.017	14.726
8/13/2017 14:00	316800	115.048	19236	262.23	34237.973	38473.816	24.689	26.162	29.207	1.017	14.718
8/13/2017 14:15	317700	115.052	19235	262.239	34252.559	38490.637	24.701	26.174	29.195	1.017	14.722
8/13/2017 14:30	318600	115.054	19236	262.244	34257.723	38496.16	24.705	26.177	29.19	1.017	14.724
8/13/2017 14:45	319500	115.071	19235	262.281	34266.902	38506.973	24.712	26.185	29.183	1.017	14.719
8/13/2017 15:00	320400	115.081	19234	262.305	34258.679	38488.805	24.698	26.179	29.19	1.017	14.716
8/13/2017 15:15	321300	115.074	19236	262.29	34261.758	38500.695	24.708	26.18	29.187	1.017	14.71
8/13/2017 15:30	322200	115.091	19236	262.328	34243.141	38479.773	24.693	26.166	29.203	1.017	14.711
8/13/2017 15:45	323100	115.092	19236	262.329	34270.785	38510.91	24.715	26.187	29.179	1.017	14.708
8/13/2017 16:00	324000	115.109	19235	262.368	34270.621	38510.855	24.715	26.187	29.18	1.017	14.708
8/13/2017 16:15	324900	115.105	19235	262.36	34275.121	38516.066	24.719	26.191	29.176	1.017	14.702
8/13/2017 16:30	325800	115.12	19236	262.37	34258.766	38497.072	24.705	26.178	29.19	1.017	14.71
8/13/2017 16:45	326700	115.124	19235	262.404	34256.402	38494.953	24.704	26.177	29.192	1.017	14.704
8/13/2017 17:00	327600	115.136	19235	262.431	34260.352	38499.395	24.707	26.18	29.188	1.017	14.698
8/13/2017 17:15	328500	115.131	19236	262.418	34251.496	38489.164</					

8/15/2017 1:30	444600	115.213	19.236	262.607	34278.387	38519.086	24.721	26.193	29.173	1.017	14.672
8/15/2017 1:45	445500	115.211	19.234	262.602	34236.156	38473.004	24.688	26.162	29.209	1.017	14.672
8/15/2017 2:00	446400	115.211	19.235	262.601	34259.109	38498.141	24.706	26.179	29.189	1.017	14.671
8/15/2017 2:15	447300	115.199	19.235	262.575	34260.922	38500.109	24.707	26.18	29.188	1.017	14.676
8/15/2017 2:30	448200	115.194	19.235	262.563	34237.898	38474.305	24.689	26.163	29.207	1.017	14.682
8/15/2017 2:45	449100	115.208	19.235	262.596	34259.316	38496.305	24.706	26.179	29.189	1.017	14.675
8/15/2017 3:00	450000	115.207	19.235	262.592	34236.434	38472.879	24.688	26.162	29.209	1.017	14.675
8/15/2017 3:15	450900	115.206	19.235	262.59	34254.895	38493.695	24.703	26.176	29.193	1.017	14.679
8/15/2017 3:30	451800	115.198	19.236	262.572	34264.934	38504.043	24.71	26.183	29.184	1.017	14.672
8/15/2017 3:45	452700	115.204	19.235	262.586	34243.289	38480.512	24.694	26.167	29.203	1.017	14.674
8/15/2017 4:00	453600	115.219	19.235	262.62	34257.387	38496.355	24.705	26.178	29.191	1.017	14.669
8/15/2017 4:15	454500	115.219	19.235	262.619	34254.59	38492.992	24.702	26.175	29.193	1.017	14.672
8/15/2017 4:30	455400	115.207	19.236	262.592	34258.238	38496.738	24.705	26.178	29.19	1.017	14.67
8/15/2017 4:45	456300	115.215	19.235	262.611	34269.477	38509.723	24.714	26.187	29.18	1.017	14.673
8/15/2017 5:00	457200	115.223	19.235	262.629	34257.445	38496.492	24.705	26.178	29.191	1.017	14.668
8/15/2017 5:15	458100	115.224	19.235	262.631	34258.328	38497.703	24.706	26.178	29.19	1.017	14.672
8/15/2017 5:30	459000	115.23	19.236	262.645	34272.59	38512.867	24.716	26.189	29.178	1.017	14.673
8/15/2017 5:45	459900	115.231	19.236	262.646	34274.391	38514.809	24.718	26.19	29.176	1.017	14.673
8/15/2017 6:00	460800	115.229	19.234	262.643	34258.836	38498.91	24.707	26.179	29.19	1.017	14.674
8/15/2017 6:15	461700	115.232	19.235	262.65	34249.578	38487.871	24.699	26.172	29.197	1.017	14.677
8/15/2017 6:30	462600	115.24	19.235	262.668	34256.613	38495.41	24.704	26.177	29.191	1.017	14.669
8/15/2017 6:45	463500	115.232	19.234	262.65	34258.977	38498.859	24.706	26.179	29.189	1.017	14.677
8/15/2017 7:00	464400	115.24	19.235	262.668	34261.309	38500.543	24.708	26.18	29.187	1.017	14.685
8/15/2017 7:15	465300	115.248	19.235	262.686	34241.551	38476.629	24.692	26.165	29.204	1.017	14.682
8/15/2017 7:30	466200	115.246	19.235	262.681	34275.125	38516.141	24.719	26.191	29.176	1.017	14.679
8/15/2017 7:45	467100	115.247	19.235	262.684	34252.121	38490.438	24.701	26.174	29.195	1.017	14.685
8/15/2017 8:00	468000	115.244	19.235	262.677	34270.293	38510.426	24.715	26.187	29.18	1.017	14.691
8/15/2017 8:15	468900	115.245	19.234	262.68	34269.93	38510.957	24.715	26.187	29.18	1.017	14.689
8/15/2017 8:30	469800	115.255	19.235	262.702	34258.453	38497.691	24.706	26.178	29.19	1.017	14.694
8/15/2017 8:45	470700	115.254	19.236	262.699	34255.09	38492.906	24.702	26.175	29.193	1.017	14.694
8/15/2017 9:00	471600	115.261	19.235	262.714	34259.293	38498.719	24.706	26.179	29.189	1.017	14.693
8/15/2017 9:15	472500	115.254	19.235	262.7	34269.773	38509.98	24.714	26.187	29.18	1.017	14.69
8/15/2017 9:30	473400	115.251	19.235	262.692	34256.77	38495.367	24.704	26.177	29.191	1.017	14.697
8/15/2017 9:45	474300	115.256	19.235	262.704	34261.98	38501.809	24.709	26.181	29.187	1.017	14.693
8/15/2017 10:00	475200	115.252	19.235	262.694	34267.891	38508.297	24.713	26.186	29.182	1.017	14.702
8/15/2017 10:15	476100	115.252	19.235	262.695	34251.891	38489.961	24.7	26.173	29.195	1.017	14.695
8/15/2017 10:30	477000	115.261	19.236	262.716	34263.59	38502.824	24.709	26.182	29.185	1.017	14.701
8/15/2017 10:45	477900	115.246	19.235	262.681	34247.301	38484.871	24.697	26.17	29.199	1.017	14.707
8/15/2017 11:00	478800	115.25	19.235	262.69	34226.18	38460.992	24.68	26.153	29.217	1.017	14.703
8/15/2017 11:15	479700	115.251	19.235	262.693	34263.449	38503.238	24.71	26.182	29.186	1.017	14.702
8/15/2017 11:30	480600	115.249	19.236	262.689	34235.59	38471.207	24.687	26.16	29.209	1.017	14.703
8/15/2017 11:45	481500	115.244	19.235	262.678	34255.879	38494.441	24.703	26.176	29.192	1.017	14.71
8/15/2017 12:00	482400	115.254	19.236	262.699	34250.777	38488.996	24.7	26.173	29.196	1.017	14.706
8/15/2017 12:15	483300	115.257	19.236	262.706	34278.871	38519.996	24.722	26.194	29.172	1.017	14.696
8/15/2017 12:30	484200	115.253	19.235	262.697	34264.965	38505.012	24.711	26.183	29.184	1.017	14.709
8/15/2017 12:45	485100	115.263	19.234	262.721	34254.359	38493.457	24.703	26.176	29.193	1.017	14.699
8/15/2017 13:00	486000	115.255	19.236	262.702	34256.137	38494.449	24.703	26.176	29.192	1.017	14.704
8/15/2017 13:15	486900	115.263	19.234	262.72	34245.297	38483.273	24.695	26.169	29.201	1.017	14.699
8/15/2017 13:30	487800	115.262	19.236	262.718	34254.898	38504.648	24.711	26.183	29.184	1.017	14.704
8/15/2017 13:45	488700	115.255	19.235	262.701	34255.105	38493.496	24.703	26.176	29.193	1.017	14.703
8/15/2017 14:00	489600	115.269	19.234	262.733	34260.066	38499.941	24.707	26.18	29.189	1.017	14.699
8/15/2017 14:15	490500	115.269	19.236	262.733	34255.273	38493.324	24.703	26.175	29.193	1.017	14.699
8/15/2017 14:30	491400	115.279	19.235	262.757	34262.094	38501.496	24.708	26.181	29.187	1.017	14.699
8/15/2017 14:45	492300	115.283	19.235	262.765	34265.289	38504.941	24.711	26.183	29.184	1.017	14.696
8/15/2017 15:00	493200	115.278	19.236	262.755	34272.887	38513.047	24.717	26.189	29.178	1.017	14.7
8/15/2017 15:15	494100	115.284	19.236	262.767	34272.391	38512.492	24.716	26.188	29.178	1.017	14.698
8/15/2017 15:30	495000	115.291	19.236	262.783	34283.063	38524.703	24.725	26.197	29.169	1.017	14.698
8/15/2017 15:45	495900	115.303	19.235	262.811	34245.793	38483.395	24.696	26.169	29.201	1.017	14.7
8/15/2017 16:00	496800	115.312	19.236	262.833	34250.215	38487.793	24.699	26.172	29.197	1.017	14.694
8/15/2017 16:15	497700	115.313	19.236	262.834	34253.68	38491.465	24.701	26.174	29.194	1.017	14.694
8/15/2017 16:30	498600	115.323	19.235	262.857	34271.949	38512.348	24.716	26.188	29.178	1.017	14.695
8/15/2017 16:45	499500	115.324	19.236	262.862	34244.492	38481.262	24.694	26.167	29.202	1.017	14.697
8/15/2017 17:00	500400	115.337	19.235	262.889	34244.695	38481.945	24.695	26.168	29.202	1.017	14.691
8/15/2017 17:15	501300	115.342	19.235	262.899	34255.668	38494.203	24.703	26.176	29.192	1.017	14.695
8/15/2017 17:30	502200	115.348	19.235	262.913	34260.387	38499.508	24.707	26.18	29.188	1.017	14.695
8/15/2017 17:45	503100	115.35	19.235	262.919	34258.328	38497.414	24.706	26.178	29.19	1.017	14.695
8/15/2017 18:00	504000	115.359	19.235	262.939	34243.563	38481.113	24.694	26.167	29.203	1.017	14.692
8/15/2017 18:15	504900	115.365	19.235	262.951	34251.176	38500.31	24.708	26.18	29.188	1.017	14.698
8/15/2017 18:30	505800	115.374	19.235	262.974	34277.965	38519.328	24.721	26.193	29.173	1.017	14.689
8/15/2017 18:45	506700	115.379	19.235	262.985	34267.941	38507.781	24.713	26.185	29.182	1.017	14.69
8/15/2017 19:00	507600	115.375	19.236	262.975	34256.629	38495	24.704	26.177	29.191	1.017	14.693
8/15/2017 19:15	508500	115.389	19.235	263.007	34272.805	38513.531	24.717	26.189	29.178	1.017	14.69
8/15/2017 19:30	509400	115.394	19.236	263.018	34272.789	38513.09	24.717	26.189	29.178	1.017	14.691
8/15/2017 19:45	510300	115.377	19.235	262.98	34254.172	38492.498	24.712	26.175	29.192	1.017	14.694
8/15/2017 20:00	511200	115.388	19.235	263.004	34247.441	38485.32	24.697	26.17	29.199	1.017	14.69
8/15/2017 20:15	512100	115.382	19.236	262.991	34262.691	38501.813	24.709	26.181	29.186	1.017	14.695
8/15/2017 20:30	513000	115.395	19.235	263.022	34248.34	38486.113	24.697	26.171	29.198	1.017	14.695
8/15/2017 20:45	513900	115.393	19.235	263.016	34255.066	38493.598	24.703	26.176	29.193	1.017	14.694
8/15/2017 21:00	514800	115.379	19.235	262.985	34265.449	38505.637	24.711	26.184	29.184	1.017	14.698
8/15/2017 21:15	515700	115.373	19.235	262.973	34277.086	38518.344	24.72	26.192	29.174	1.017	14.696
8/15/2017 21:30	516600	115.375	19.236	262.976	34270.906	38510.891	24.715	26.187	29.179	1.017	14.703
8/15/2017 21:45	517500	115.379	19.235	262.985	34244.66	38482.344	24.695	26.168	29.202	1.017	14.701

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
	8/10/2017	0:10:13	0	133.162	21.6 5455.3
	8/10/2017	0:25:13	0	133.133	21.6 5372
	8/10/2017	0:40:13	0	133.166	21.7 5446.2
	8/10/2017	0:55:13	0	133.16	21.6 5380.6
	8/10/2017	1:10:13	0	133.159	21.6 5364.6
	8/10/2017	1:25:13	0	133.202	21.6 5361.4
	8/10/2017	1:40:13	0	133.182	21.6 5424.4
	8/10/2017	1:55:13	0	133.166	21.6 5357.1
	8/10/2017	2:10:13	0	133.187	21.6 5324
	8/10/2017	2:25:13	0	133.188	21.6 5403
	8/10/2017	2:40:13	0	133.172	21.6 5296.2
	8/10/2017	2:55:13	0	133.134	21.6 5252.4
	8/10/2017	3:10:13	0	133.212	21.6 5311.2
	8/10/2017	3:25:13	0	133.154	21.6 5289.8
	8/10/2017	3:40:13	0	133.118	21.6 5383.8
	8/10/2017	3:55:13	0	133.155	21.6 5353.9
	8/10/2017	4:10:13	0	133.177	21.6 5351.7
	8/10/2017	4:25:13	0	133.159	21.6 5456.4
	8/10/2017	4:40:13	0	133.157	21.6 5416.9
	8/10/2017	4:55:13	0	133.143	21.6 5430.8
	8/10/2017	5:10:13	0	133.201	21.6 5302.6
	8/10/2017	5:25:13	0	133.118	21.6 5401.9
	8/10/2017	5:40:13	0	133.104	21.5 5429.2
	8/10/2017	5:55:13	0	133.154	21.6 5536.5
	8/10/2017	6:10:13	0	133.151	21.6 5340
	8/10/2017	6:25:13	0	133.127	21.6 5380.6
	8/10/2017	6:40:13	0	133.146	21.6 5511.9
	8/10/2017	6:55:13	0	133.104	21.6 5562.1
	8/10/2017	7:10:13	0	133.081	21.6 5502.3
	8/10/2017	7:25:13	0	133.085	21.6 5498.1
	8/10/2017	7:40:13	0	133.097	21.6 5532.2
	8/10/2017	7:55:13	0	133.094	21.6 5530.1
	8/10/2017	8:10:13	0	133.075	21.6 5644.4
	8/10/2017	8:25:13	0	133.053	21.6 5647.6
	8/10/2017	8:40:13	0	133.072	21.6 5730.9
	8/10/2017	8:55:13	0	133.076	21.6 5640.1
	8/10/2017	9:10:13	0	133.028	21.6 5601.7
	8/10/2017	9:25:13	0	133.005	21.6 5579.2
	8/10/2017	9:40:13	0	133.025	21.6 5622
	8/10/2017	9:55:13	0	133.026	21.6 5635.8
	8/10/2017	10:10:13	0	133.021	21.6 5640.1
	8/10/2017	10:25:13	0	133.02	21.6 5610.2
	8/10/2017	10:40:13	0	132.958	21.6 5660.4
	8/10/2017	10:55:13	0	133.011	21.6 5767.2
	8/10/2017	11:10:13	0	132.991	21.6 5544
	8/10/2017	11:25:13	0	132.967	21.6 5629.4
	8/10/2017	11:40:13	0	133.009	21.6 5656.1
	8/10/2017	11:55:13	0	133.011	21.6 5647.6
	8/10/2017	12:10:13	0	132.969	21.6 5667.9
	8/10/2017	12:25:13	0	132.971	21.6 5624.1
	8/10/2017	12:40:13	0	132.997	21.6 5646.5
	8/10/2017	12:55:13	0	132.975	21.6 5595.3
	8/10/2017	13:10:13	0	133.019	21.6 5650.8
	8/10/2017	13:25:13	0	133.056	21.6 5584.6
	8/10/2017	13:40:13	0	132.979	21.6 5619.8
	8/10/2017	13:55:13	0	133.014	21.6 5547.2
	8/10/2017	14:10:13	0	132.976	21.6 5609.1
	8/10/2017	14:25:13	0	132.997	21.6 5523.7
	8/10/2017	14:40:13	0	132.977	21.6 5569.6
	8/10/2017	14:55:13	0	132.975	21.6 5489.5
	8/10/2017	15:10:13	0	133.008	21.6 5593.1
	8/10/2017	15:25:13	0	132.952	21.6 5456.4
	8/10/2017	15:40:13	0	133.009	21.5 5574.7
	8/10/2017	15:55:13	0	132.99	21.6 5524.8
	8/10/2017	16:10:13	0	132.991	21.5 5507.3
	8/10/2017	16:25:13	0	133.038	21.6 5416.9
	8/10/2017	16:40:13	0	132.958	21.6 5478.8
	8/10/2017	16:55:13	0	133	21.6 5452.1
	8/10/2017	17:10:13	0	133.004	21.5 5481.6
	8/10/2017	17:25:13	0	132.985	21.6 5485.2
	8/10/2017	17:40:13	0	133.016	21.6 5460.7
	8/10/2017	17:55:13	0	133.013	21.6 5503.4
	8/10/2017	18:10:13	0	133.015	21.6 5515.2
	8/10/2017	18:25:13	0	132.98	21.6 5459.6
	8/10/2017	18:40:13	0	132.978	21.6 5473.5
	8/10/2017	18:55:13	0	132.959	21.6 5542.9
	8/10/2017	19:10:13	0	133.04	21.6 5532.2
	8/10/2017	19:25:13	0	133.013	21.6 5495.9
	8/10/2017	19:40:13	0	133.012	21.6 5541.9
	8/10/2017	19:55:13	0	132.961	21.6 5534.4

8/10/2017	20:10:13	0	132.97	21.5	5470.9
8/10/2017	20:25:13	0	133.022	21.6	5470.3
8/10/2017	20:40:13	0	133.01	21.6	5624.1
8/10/2017	20:55:13	0	133.012	21.6	5610.2
8/10/2017	21:10:13	0	133.008	21.5	5526.5
8/10/2017	21:25:13	0	132.993	21.6	5593.1
8/10/2017	21:40:13	0	133.022	21.5	5518
8/10/2017	21:55:13	0	133.027	21.6	5556.8
8/10/2017	22:10:13	0	132.981	21.6	5649.7
8/10/2017	22:25:13	0	133.036	21.6	5656.1
8/10/2017	22:40:13	0	132.957	21.6	5558.9
8/10/2017	22:55:13	0	133.013	21.6	5510.9
8/10/2017	23:10:13	0	133.037	21.6	5613.4
8/10/2017	23:25:13	0	132.973	21.6	5607
8/10/2017	23:40:13	0	133.014	21.6	5538.6
8/10/2017	23:55:13	0	133.036	21.6	5613.4
8/11/2017	0:10:13	0	133.058	21.6	5406.2
8/11/2017	0:25:13	0	132.995	21.6	5448.9
8/11/2017	0:40:13	0	133.036	21.6	5412.6
8/11/2017	0:55:13	0	133.07	21.6	5509.8
8/11/2017	1:10:13	0	133.041	21.6	5404.1
8/11/2017	1:25:13	0	132.996	21.6	5348.5
8/11/2017	1:40:13	0	133.061	21.6	5437.2
8/11/2017	1:55:13	0	133.023	21.6	5312.2
8/11/2017	2:10:13	0	133.036	21.6	5424.4
8/11/2017	2:25:13	0	133.042	21.6	5542.9
8/11/2017	2:40:13	0	133.058	21.6	5435.1
8/11/2017	2:55:13	0	133.064	21.6	5420.1
8/11/2017	3:10:13	0	133.039	21.6	5343.2
8/11/2017	3:25:13	0	133.045	21.6	5305.8
8/11/2017	3:40:13	0	133.043	21.6	5441.5
8/11/2017	3:55:13	0	133.069	21.6	5397.7
8/11/2017	4:10:13	0	133.044	21.6	5312.2
8/11/2017	4:25:13	0	133.064	21.6	5452.1
8/11/2017	4:40:13	0	133.066	21.6	5329.3
8/11/2017	4:55:13	0	133.062	21.6	5351.7
8/11/2017	5:10:13	0	133.051	21.6	5357.1
8/11/2017	5:25:13	0	133.069	21.6	5446.8
8/11/2017	5:40:13	0	133.07	21.6	5448.9
8/11/2017	5:55:13	0	133.073	21.6	5371
8/11/2017	6:10:13	0	133.05	21.6	5371
8/11/2017	6:25:13	0	133.025	21.6	5332.5
8/11/2017	6:40:13	0	133.046	21.6	5429.7
8/11/2017	6:55:13	0	133.005	21.6	5420.1
8/11/2017	7:10:13	0	133.018	21.6	5475.6
8/11/2017	7:25:13	0	133.02	21.6	5520.5
8/11/2017	7:40:13	0	133.014	21.6	5497
8/11/2017	7:55:13	0	133.027	21.6	5607
8/11/2017	8:10:13	0	133.021	21.6	5534.4
8/11/2017	8:25:13	0	132.999	21.6	5551.5
8/11/2017	8:40:13	0	133.001	21.6	5518.4
8/11/2017	8:55:13	0	132.979	21.6	5469.2
8/11/2017	9:10:13	0	132.936	21.6	5666.8
8/11/2017	9:25:13	0	132.919	21.6	5617.7
8/11/2017	9:40:13	0	132.957	21.6	5541.9
8/11/2017	9:55:13	0	132.954	21.6	5461.8
8/11/2017	10:10:13	0	132.952	21.6	5599.5
8/11/2017	10:25:13	0	132.934	21.6	5698.8
8/11/2017	10:40:13	0	132.953	21.6	5687.1
8/11/2017	10:55:13	0	132.989	21.6	5614.5
8/11/2017	11:10:13	0	132.929	21.6	5646.5
8/11/2017	11:25:13	0	132.945	21.6	5686
8/11/2017	11:40:13	0	132.914	21.6	5691.4
8/11/2017	11:55:13	0	132.938	21.6	5579.2
8/11/2017	12:10:13	0	132.938	21.6	5619.8
8/11/2017	12:25:13	0	132.959	21.6	5647.6
8/11/2017	12:40:13	0	132.898	21.6	5641.2
8/11/2017	12:55:13	0	132.981	21.6	5516.2
8/11/2017	13:10:13	0	132.989	21.6	5649.7
8/11/2017	13:25:13	0	132.953	21.6	5586.7
8/11/2017	13:40:13	0	132.903	21.6	5555.7
8/11/2017	13:55:13	0	132.92	21.6	5611.3
8/11/2017	14:10:13	0	132.921	21.6	5483.1
8/11/2017	14:25:13	0	132.901	21.6	5554.7
8/11/2017	14:40:13	0	132.927	21.6	5591
8/11/2017	14:55:13	0	132.985	21.6	5600.6
8/11/2017	15:10:13	0	132.91	21.6	5525.8
8/11/2017	15:25:13	0	132.937	21.6	5528
8/11/2017	15:40:13	0	132.959	21.6	5492.7
8/11/2017	15:55:13	0	132.961	21.6	5502.3
8/11/2017	16:10:13	0	132.947	21.6	5435.1
8/11/2017	16:25:13	0	132.946	21.6	5546.1
8/11/2017	16:40:13	0	132.923	21.6	5536.5
8/11/2017	16:55:13	0	132.969	21.6	5523.7
8/11/2017	17:10:13	0	132.937	21.6	5651.9
8/11/2017	17:25:13	0	132.984	21.6	5372
8/11/2017	17:40:13	0	132.967	21.6	5455.3
8/11/2017	17:55:13	0	132.993	21.6	5420.1
8/11/2017	18:10:13	0	132.995	21.6	5392.3
8/11/2017	18:25:13	0	132.932	21.5	5488
8/11/2017	18:40:13	0	132.97	21.5	5399.2
8/11/2017	18:55:13	0	132.974	21.6	5408.4
8/11/2017	19:10:13	0	132.98	21.6	5398.7
8/11/2017	19:25:13	0	133.005	21.6	5525.8
8/11/2017	19:40:13	0	132.998	21.6	5475.6
8/11/2017	19:55:13	0	132.962	21.6	5429.7

8/11/2017	20:10:13	0	132.942	21.6	5491.7
8/11/2017	20:25:13	0	132.94	21.6	5430.8
8/11/2017	20:40:13	0	132.977	21.6	5555.7
8/11/2017	20:55:13	0	132.952	21.6	5403
8/11/2017	21:10:13	0	133.005	21.6	5477.8
8/11/2017	21:25:13	0	132.987	21.6	5560
8/11/2017	21:40:13	0	132.948	21.6	5419
8/11/2017	21:55:13	0	132.965	21.6	5467.1
8/11/2017	22:10:13	0	132.947	21.6	5532.2
8/11/2017	22:25:13	0	133.008	21.6	5640.1
8/11/2017	22:40:13	0	132.981	21.6	5542.9
8/11/2017	22:55:13	0	133	21.6	5523.7
8/11/2017	23:10:13	0	132.989	21.6	5629.4
8/11/2017	23:25:13	0	132.985	21.5	5509.4
8/11/2017	23:40:13	0	132.979	21.6	5475.6
8/11/2017	23:55:13	0	132.943	21.5	5562.9
8/12/2017	0:10:13	0	133	21.5	5467.7
8/12/2017	0:25:13	0	133.007	21.5	5566.1
8/12/2017	0:40:13	0	132.952	21.5	5481.6
8/12/2017	0:55:13	0	133.011	21.6	5470.3
8/12/2017	1:10:13	0	133.033	21.5	5370.3
8/12/2017	1:25:13	0	132.996	21.5	5421.7
8/12/2017	1:40:13	0	132.966	21.5	5521.2
8/12/2017	1:55:13	0	132.972	21.5	5602.5
8/12/2017	2:10:13	0	132.97	21.5	5467.7
8/12/2017	2:25:13	0	132.951	21.5	5477.3
8/12/2017	2:40:13	0	132.971	21.5	5408.9
8/12/2017	2:55:13	0	132.971	21.5	5399.2
8/12/2017	3:10:13	0	132.996	21.5	5462.4
8/12/2017	3:25:13	0	132.992	21.5	5390.7
8/12/2017	3:40:13	0	132.97	21.5	5389.6
8/12/2017	3:55:13	0	132.97	21.5	5432.4
8/12/2017	4:10:13	0	133.034	21.5	5429.2
8/12/2017	4:25:13	0	133.027	21.5	5404.6
8/12/2017	4:40:13	0	133.008	21.5	5363.9
8/12/2017	4:55:13	0	132.971	21.5	5489.1
8/12/2017	5:10:13	0	133.007	21.5	5421.7
8/12/2017	5:25:13	0	133.008	21.5	5490.2
8/12/2017	5:40:13	0	132.928	21.5	5331.8
8/12/2017	5:55:13	0	133.004	21.5	5495.5
8/12/2017	6:10:13	0	132.982	21.5	5372.5
8/12/2017	6:25:13	0	132.965	21.5	5509.4
8/12/2017	6:40:13	0	132.98	21.5	5485.9
8/12/2017	6:55:13	0	132.977	21.5	5403.5
8/12/2017	7:10:13	0	132.948	21.5	5465.6
8/12/2017	7:25:13	0	132.964	21.5	5558.6
8/12/2017	7:40:13	0	132.958	21.5	5515.9
8/12/2017	7:55:13	0	132.974	21.5	5463.4
8/12/2017	8:10:13	0	132.987	21.5	5522.3
8/12/2017	8:25:13	0	132.939	21.5	5452.7
8/12/2017	8:40:13	0	132.934	21.5	5515.9
8/12/2017	8:55:13	0	132.931	21.5	5613.2
8/12/2017	9:10:13	0	132.932	21.5	5616.4
8/12/2017	9:25:13	0	132.95	21.5	5738.4
8/12/2017	9:40:13	0	132.892	21.5	5548
8/12/2017	9:55:13	0	132.948	21.5	5598.2
8/12/2017	10:10:13	0	132.926	21.5	5648.5
8/12/2017	10:25:13	0	132.904	21.5	5617.5
8/12/2017	10:40:13	0	132.885	21.5	5516.9
8/12/2017	10:55:13	0	132.861	21.5	5595
8/12/2017	11:10:13	0	132.884	21.5	5711.7
8/12/2017	11:25:13	0	132.881	21.5	5569.4
8/12/2017	11:40:13	0	132.934	21.5	5852.9
8/12/2017	11:55:13	0	132.902	21.5	5560.8
8/12/2017	12:10:13	0	132.92	21.5	5575.8
8/12/2017	12:25:13	0	132.891	21.5	5629.3
8/12/2017	12:40:13	0	132.923	21.5	5584.3
8/12/2017	12:55:13	0	132.946	21.5	5652.8
8/12/2017	13:10:13	0	132.893	21.5	5661.4
8/12/2017	13:25:13	0	132.935	21.5	5562.9
8/12/2017	13:40:13	0	132.938	21.5	5461.3
8/12/2017	13:55:13	0	132.952	21.5	5518
8/12/2017	14:10:13	0	132.922	21.5	5605.7
8/12/2017	14:25:13	0	132.937	21.5	5479.5
8/12/2017	14:40:13	0	132.939	21.5	5585.4
8/12/2017	14:55:13	0	132.939	21.5	5583.3
8/12/2017	15:10:13	0	132.944	21.5	5550.1
8/12/2017	15:25:13	0	132.894	21.5	5506.2
8/12/2017	15:40:13	0	132.927	21.5	5377.8
8/12/2017	15:55:13	0	132.965	21.5	5485.9
8/12/2017	16:10:13	0	132.971	21.5	5404.6
8/12/2017	16:25:13	0	132.928	21.5	5465.6
8/12/2017	16:40:13	0	132.97	21.5	5476.3
8/12/2017	16:55:13	0	132.967	21.5	5466.6
8/12/2017	17:10:13	0	132.96	21.5	5406.7
8/12/2017	17:25:13	0	132.975	21.5	5522.3
8/12/2017	17:40:13	0	132.937	21.5	5466.6
8/12/2017	17:55:13	0	132.983	21.5	5490.2
8/12/2017	18:10:13	0	132.968	21.5	5407.8
8/12/2017	18:25:13	0	132.984	21.5	5371.4
8/12/2017	18:40:13	0	132.948	21.5	5454.9
8/12/2017	18:55:13	0	132.96	21.6	5369.9
8/12/2017	19:10:13	0	132.951	21.5	5490.2
8/12/2017	19:25:13	0	132.993	21.5	5343.6
8/12/2017	19:40:13	0	132.974	21.5	5407.8
8/12/2017	19:55:13	0	132.989	21.5	5411

8/12/2017	20:10:13	0	132.998	21.5	5413.1
8/12/2017	20:25:13	0	132.964	21.5	5361.8
8/12/2017	20:40:13	0	132.987	21.5	5449.5
8/12/2017	20:55:13	0	132.941	21.5	5358.6
8/12/2017	21:10:13	0	132.964	21.5	5512.6
8/12/2017	21:25:13	0	132.981	21.5	5572.6
8/12/2017	21:40:13	0	132.946	21.5	5535.1
8/12/2017	21:55:13	0	132.94	21.5	5483.8
8/12/2017	22:10:13	0	132.946	21.5	5562.9
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8/12/2017	22:40:13	0	132.96	21.6	5452.1
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8/12/2017	23:10:13	0	132.961	21.5	5508.4
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8/12/2017	23:40:13	0	132.958	21.5	5522.3
8/12/2017	23:55:13	0	132.997	21.5	5560.8
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8/13/2017	0:25:13	0	132.947	21.5	5483.8
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8/13/2017	1:10:13	0	132.938	21.5	5515.9
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8/13/2017	1:55:13	0	132.903	21.5	5558.6
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8/13/2017	2:55:13	0	132.969	21.5	5677.4
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8/13/2017	3:25:13	0	132.989	21.5	5524.4
8/13/2017	3:40:13	0	132.971	21.5	5477.3
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8/13/2017	5:55:13	0	132.999	21.5	5443.1
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8/13/2017	11:10:13	0	132.955	21.5	5638.9
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8/13/2017	20:25:13	0	133.03	21.5	5372.5
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8/13/2017	22:25:13	0	133.099	21.5	5495.5
8/13/2017	22:40:13	0	133.046	21.5	5475.2
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8/13/2017	23:55:13	0	133.027	21.5	5525.5
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8/14/2017	1:40:13	0	133.071	21.5	5484.8
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8/14/2017	12:40:13	0	133.228	21.5	5452.7
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8/14/2017	17:10:13	0	133.247	21.5	5530.8
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8/14/2017	17:55:13	0	133.286	21.5	5403.5
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8/14/2017	19:40:13	0	133.296	21.5	5336.1
8/14/2017	19:55:13	0	133.283	21.5	5479.5

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8/14/2017	20:55:13	0	133.248	21.5	5354.3
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8/14/2017	22:40:13	0	133.254	21.5	5377.8
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8/15/2017	1:10:13	0	133.241	21.5	5438.8
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8/15/2017	2:25:13	0	133.249	21.6	5640.1
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8/15/2017	3:55:13	0	133.235	21.6	5655.1
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8/15/2017	5:55:13	0	133.235	21.6	5488.5
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8/15/2017	6:25:13	0	133.259	21.6	5623
8/15/2017	6:40:13	0	133.232	21.6	5555.7
8/15/2017	6:55:13	0	133.26	21.5	5581.1
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8/15/2017	8:40:13	0	133.262	21.6	5421.2
8/15/2017	8:55:13	0	133.267	21.6	5485.2
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8/15/2017	9:40:13	0	133.302	21.6	5534.4
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8/15/2017	10:25:13	0	133.275	21.6	5477.8
8/15/2017	10:40:13	0	133.267	21.6	5477.8
8/15/2017	10:55:13	0	133.22	21.5	5416.3
8/15/2017	11:10:13	0	133.26	21.6	5525.8
8/15/2017	11:25:13	0	133.24	21.6	5499.1
8/15/2017	11:40:13	0	133.278	21.6	5656.1
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8/15/2017	12:55:13	0	133.261	21.6	5555.7
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8/15/2017	14:25:13	0	133.29	21.6	5609.1
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8/15/2017	14:55:13	0	133.274	21.6	5411.6
8/15/2017	15:10:13	0	133.337	21.6	5514.1
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8/15/2017	15:40:13	0	133.339	21.6	5515.2
8/15/2017	15:55:13	0	133.314	21.6	5641.2
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8/15/2017	16:55:13	0	133.379	21.6	5479.9
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8/15/2017	17:25:13	0	133.335	21.6	5419
8/15/2017	17:40:13	0	133.337	21.6	5347.5
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8/15/2017	18:40:13	0	133.321	21.6	5348.5
8/15/2017	18:55:13	0	133.346	21.6	5414.8
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8/15/2017	19:25:13	0	133.364	21.5	5311.5
8/15/2017	19:40:13	0	133.366	21.5	5345.7
8/15/2017	19:55:13	0	133.37	21.5	5330.7

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8/15/2017	20:25:13	0	133.384	21.5	5344.6
8/15/2017	20:40:13	0	133.402	21.5	5326.5
8/15/2017	20:55:13	0	133.36	21.5	5245.1
8/15/2017	21:10:13	0	133.392	21.5	5306.1
8/15/2017	21:25:13	0	133.41	21.5	5312.5
8/15/2017	21:40:13	0	133.428	21.5	5309.3
8/15/2017	21:55:13	0	133.403	21.5	5380
8/15/2017	22:10:13	0	133.38	21.5	5315.8
8/15/2017	22:25:13	0	133.375	21.5	5352.1
8/15/2017	22:40:13	0	133.414	21.5	5267.6
8/15/2017	22:55:13	0	133.393	21.5	5312.5
8/15/2017	23:10:13	0	133.414	21.5	5427
8/15/2017	23:25:13	0	133.372	21.6	5473.5
8/15/2017	23:40:13	0	133.317	21.5	5390.7
8/15/2017	23:55:13	0	133.376	21.6	5366.7
8/16/2017	0:10:13	0	133.308	21.6	5389.1
8/16/2017	0:25:13	0	133.336	21.6	5367.8
8/16/2017	0:40:13	0	133.338	21.6	5498.1
8/16/2017	0:55:13	0	133.319	21.6	5403
8/16/2017	1:10:13	0	133.333	21.6	5471.4
8/16/2017	1:25:13	0	133.334	21.5	5495.5
8/16/2017	1:40:13	0	133.359	21.6	5578.2
8/16/2017	1:55:13	0	133.3	21.5	5518
8/16/2017	2:10:13	0	133.318	21.6	5524.8
8/16/2017	2:25:13	0	133.309	21.6	5510.9
8/16/2017	2:40:13	0	133.261	21.5	5534
8/16/2017	2:55:13	0	133.297	21.6	5516.2
8/16/2017	3:10:13	0	133.295	21.6	5530.1
8/16/2017	3:25:13	0	133.297	21.6	5605.9
8/16/2017	3:40:13	0	133.279	21.7	5634.9
8/16/2017	3:55:13	0	133.259	21.7	5618.9
8/16/2017	4:10:13	0	133.276	21.7	5617.8
8/16/2017	4:25:13	0	133.303	21.7	5577.3
8/16/2017	4:40:13	0	133.301	21.6	5627.3
8/16/2017	4:55:13	0	133.28	21.6	5568.6
8/16/2017	5:10:13	0	133.276	21.6	5615.5
8/16/2017	5:25:13	0	133.274	21.6	5632.6
8/16/2017	5:40:13	0	133.291	21.6	5628.4
8/16/2017	5:55:13	0	133.251	21.6	5618.7
8/16/2017	6:10:13	0	133.286	21.6	5582.4
8/16/2017	6:25:13	0	133.284	21.6	5586.7
8/16/2017	6:40:13	0	133.298	21.6	5638
8/16/2017	6:55:13	0	133.28	21.6	5619.8
8/16/2017	7:10:13	0	133.268	21.6	5528
8/16/2017	7:25:13	0	133.307	21.6	5583.5
8/16/2017	7:40:13	0	133.278	21.6	5582.4
8/16/2017	7:55:13	0	133.315	21.6	5569.6
8/16/2017	8:10:13	0	133.255	21.6	5525.8
8/16/2017	8:25:13	0	133.25	21.6	5597.4
8/16/2017	8:40:13	0	133.285	21.6	5599.5
8/16/2017	8:55:13	0	133.324	21.6	5459.6
8/16/2017	9:10:13	0	133.28	21.6	5519.4
8/16/2017	9:25:13	0	133.28	21.7	5482.4
8/16/2017	9:40:13	0	133.274	21.6	5505.5
8/16/2017	9:55:13	0	133.253	21.6	5573.9
8/16/2017	10:10:13	0	133.274	21.6	5529
8/16/2017	10:25:13	0	133.317	21.6	5530.1
8/16/2017	10:40:13	0	133.275	21.6	5529
8/16/2017	10:55:13	0	133.292	21.6	5551.5
8/16/2017	11:10:13	0	133.252	21.6	5602.7
8/16/2017	11:25:13	0	133.274	21.6	5564.3
8/16/2017	11:40:13	0	133.334	21.6	5455.3
8/16/2017	11:55:13	0	133.3	21.6	5516.2
8/16/2017	12:10:13	0	133.307	21.6	5462.8
8/16/2017	12:25:13	0	133.306	21.6	5544
8/16/2017	12:40:13	0	133.327	21.6	5524.8
8/16/2017	12:55:13	0	133.249	21.6	5561.1
8/16/2017	13:10:13	0	133.269	21.6	5459.6
8/16/2017	13:25:13	0	133.272	21.6	5442.5
8/16/2017	13:40:13	0	133.268	21.6	5537.6
8/16/2017	13:55:13	0	133.268	21.6	5564.3
8/16/2017	14:10:13	0	133.304	21.6	5577.1
8/16/2017	14:25:13	0	133.289	21.6	5506.6
8/16/2017	14:40:13	0	133.31	21.6	5460.7
8/16/2017	14:55:13	0	133.294	21.6	5419
8/16/2017	15:10:13	0	133.277	21.6	5422.2
8/16/2017	15:25:13	0	133.298	21.6	5447.9
8/16/2017	15:40:13	0	133.324	21.6	5389.1
8/16/2017	15:55:13	0	133.286	21.6	5435.1
8/16/2017	16:10:13	0	133.281	21.6	5548.3
8/16/2017	16:25:13	0	133.307	21.6	5471.4
8/16/2017	16:40:13	0	133.263	21.6	5425.4
8/16/2017	16:55:13	0	133.282	21.6	5502.3
8/16/2017	17:10:13	0	133.327	21.6	5396.6
8/16/2017	17:25:13	0	133.323	21.6	5562.1
8/16/2017	17:40:13	0	133.364	21.6	5435.1
8/16/2017	17:55:13	0	133.369	21.6	5452.1
8/16/2017	18:10:13	0	133.346	21.6	5400.9
8/16/2017	18:25:13	0	133.368	21.6	5338.9
8/16/2017	18:40:13	0	133.411	21.6	5372
8/16/2017	18:55:13	0	133.352	21.6	5283.4
8/16/2017	19:10:13	0	133.397	21.6	5383.8
8/16/2017	19:25:13	0	133.413	21.6	5259.9
8/16/2017	19:40:13	0	133.386	22.2	5239.9
8/16/2017	19:55:13	0	133.39	22.1	5222.3

8/16/2017	20:10:13	0	133.366	22.1	5319.6
8/16/2017	20:25:13	0	133.365	21.8	5374.3
8/16/2017	20:40:13	0	133.405	21.8	5272.1
8/16/2017	20:55:13	0	133.423	21.7	5301.2
8/16/2017	21:10:13	0	133.397	21.6	5280.2
8/16/2017	21:25:13	0	133.368	21.6	5270.6
8/16/2017	21:40:13	0	133.366	21.6	5225.7
8/16/2017	21:55:13	0	133.363	21.6	5237.5
8/16/2017	22:10:13	0	133.34	21.6	5257.8
8/16/2017	22:25:13	0	133.32	21.7	5188.2
8/16/2017	22:40:13	0	133.36	21.7	5193.6
8/16/2017	22:55:13	0	133.344	21.8	5294.5
8/16/2017	23:10:13	0	133.356	21.7	5238.3
8/16/2017	23:25:13	0	133.315	21.6	5289.8
8/16/2017	23:40:13	0	133.34	21.6	5223.6
8/16/2017	23:55:13	0	133.277	21.6	5233.2

Report Date: 8/18/2017 9:04
Report User Name: WMassoll
Report Computer Name: WKST52
Application: WinSitu.exe
Application Version: 5.6.27.1

Log File Properties
File Name MPWSP MW-75 LT Test_2017-08-17_13-55-29-374-BaroMerge.wsl
Create Date 8/18/2017 9:00

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 Disabled
Scheduled Start Time 11/28/2015 5:00:00 PM Pacific Standard Time
Scheduled Stop Time No Stop Time
Type Linear
Interval Days: 0 hrs: 00 mins: 15 secs: 00

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

Other Log Settings
Depth of Probe: 33.5876 (ft)
Head Pressure: 14.7359 (PSI)
Temperature: 22.1337 (C)
Specific Conductivity Model: Standard Methods
Reference Temperature: 25
Temperature Coefficient: 0.0191
TDS Factor: 0.68

Log Notes:
Date and Time Note
11/28/2015 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 Conductivity calibration.
Sensor SN: 427086
Cell Constant: 1.01973 Cell Offset: 0
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: KMakar Interval - Start Time: 2/29/2016 5:00:00 PM Stop Time: 4/7/2016 10:45:00 AM
4/14/2016 9:09 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: E Linden 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: E Linden 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: E Linden 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: E Linden 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: E Linden 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
10/1/2016 9:35 Log Download - Used Battery: 16% Used Memory: 37% User Name: ANorris Interval - Start Time: 9/21/2016 10:00:00 PM 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 4:00:00 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: WMassoll Interval - Start Time: 12/31/2016 10:00:00 PM Stop Time: 2/2/2017 3:55:00 PM
8/18/2017 9:00 User Note: "Pressure & Level adjusted by baro data from: "MPWSP Barotroll_2017-08-17_15-14-23-201.wsl""

Log Data:
Record Count 736

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: Baro-Adj Calc	
		SNR: 427086		SNR: 427086		SNR: 427086		SNR: 427086		SNR: 427086		SNR: 427086		SNR: 427086		SNR: 000000	
		Corrected		Corrected		Corrected		Corrected		Corrected		Corrected		Corrected		Corrected	
		Pressure (PSI)	Temperature (C)	Depth (ft)		Actual Conductivity (µS/cm)	Specific Conductivity (µS/cm)	Total Dissolved Solids (ppt)	Salinity (PSU)	Resistivity (ohm-cm)	Water Density (g/cm3)	Barometric Pressure (PSI)					
Date and Time	Elapsed Time Seconds	7200	13.31	17.707	30.337	2039	2369.007	1.611	1.23	490.436	1	14.711					
	8/10/2017 0:00	8100	13.308	17.706	30.332	2032.363	2361.342	1.606	1.225	492.038	1	14.714					
	8/10/2017 0:15	9000	13.308	17.707	30.333	2038.118	2367.954	1.61	1.229	490.649	1	14.713					
	8/10/2017 0:30	9900	13.306	17.706	30.329	2034.963	2364.366	1.608	1.227	491.409	1	14.714					
	8/10/2017 0:45	10800	13.301	17.706	30.317	2033.189	2362.273	1.606	1.226	491.838	1	14.715					
	8/10/2017 1:00	11700	13.305	17.706	30.326	2031.871	2360.752	1.605	1.225	492.157	1	14.717					
	8/10/2017 1:15	12600	13.311	17.708	30.34	2037.357	2367.051	1.61	1.229	490.832	1	14.712					
	8/10/2017 1:30	13500	13.309	17.706	30.335	2028.095	2356.378	1.602	1.223	493.074	1	14.713					
	8/10/2017 1:45	14400	13.309	17.706	30.336	2031.137	2359.885	1.605	1.225	492.335	1	14.712					
	8/10/2017 2:00	15300	13.313	17.706	30.344	2023.309	2350.826	1.599	1.22	494.24	1	14.709					
	8/10/2017 2:15	16200	13.307	17.707	30.332	2032.761	2361.744	1.606	1.226	491.942	1	14.713					
	8/10/2017 2:30	17100	13.312	17.706	30.342	2028.792	2356.085	1.606	1.225	491.071	1	14.71					
	8/10/2017 2:45	18000	13.308	17.706	30.333	2032.744	2361.757	1.606	1.226	491.946	1	14.708					
	8/10/2017 3:00	18900	13.308	17.707	30.334	2036.957	2366.618	1.609	1.228	490.928	1	14.711					
	8/10/2017 3:15	19800	13.312	17.706	30.342	2029.691	2358.228	1.604	1.224	492.686	1	14.708					
	8/10/2017 3:30	20700	13.314	17.703	30.347	2024.555	2352.42	1.6	1.221	493.936	1	14.705					
	8/10/2017 3:45	21600	13.319	17.707	30.358	2036.886	2366.527	1.609	1.228	490.946	1	14.701					
	8/10/2017 4:00	22500	13.307	17.705	30.367	2028.792	2355.917	1.609	1.228	491.071	1	14.708					
	8/10/2017 4:15	23400	13.311	17.706	30.339	2028.729	2357.133	1.603	1.223	492.919	1	14.708					
	8/10/2017 4:30	24300	13.312	17.707	30.343	2033.12	2362.152	1.606	1.226	491.855	1	14.706					
	8/10/2017 4:45	25200	13.315	17.707	30.348	2030.872	2359.527	1.604	1.225	492.399	1	14.702					
	8/10/2017 5:00	26100	13.311	17.706	30.341	2036.128	2365.725	1.609	1.228	491.128	1	14.707					
	8/10/2017 5:15	27000	13.312	17.705	30.343	2027.679	2355.917	1.602	1.223	493.175	1	14.7					
	8/10/2017 5:30	27900	13.311	17.705	30.34	2031.253	2360.085	1.605	1.225	492.307	1	14.706					
	8/10/2017 5:45	28800	13.308	17.706	30.334	2032.049	2360.98	1.605	1.225	492.114	1	14.707					
	8/10/2017 6:00	29700	13.305	17.706	30.327	2035.315	2364.74	1.608	1.227	491.324	1	14.712					
	8/10/2017 6:15	30600	13.306	17.707	30.328	2037.547	2367.309	1.61	1.229	490.786	1	14.712					
	8/10/2017 6:30	31500	13.302	17.703	30.318	2031.746	2360.777	1.605	1.225	492.187	1	14.716					
	8/10/2017 6:45	32400	13.3	17.706	30.316	2033.886	2363.102	1.607	1.226	491.67	1	14.717					
	8/10/2017 7:00	33300	13.302	17.705	30.318	2028.792	2357.211	1.603	1.223	492.904	1	14.717					
	8/10/2017 7:15	34200	13.301	17.706	30.316	2028.804	2357.189	1.603	1.223	492.901	1	14.718					
	8/10/2017 7:30	35100	13.3	17.706	30.315	2032.684	2361.691	1.606	1.226	491.96	1	14.718					
	8/10/2017 7:45	36000	13.299	17.707	30.312	2034.922	2364.273	1.608	1.227	491.419	1	14.715					
	8/10/2017 8:00	36900	13.3	17.706	30.315	2033.679	2362.843	1.607	1.226	491.72	1	14.719					
	8/10/2017 8:15	37800	13.299	17.704	30.313	2029.728	2358.381	1.604	1.224	492.677	1	14.721					
	8/10/2017 8:30	38700	13.304	17.706	30.323	2030.125	2358.709	1.604	1.224	492.581	1	14.717					
	8/10/2017 8:45	39600	13.301	17.705	30.316	2027.041	2355.177	1.602	1.222	493.33	1	14.719					
	8/10/2017 9:00	40500	13.299	17.707	30.313	2030.135	2358.702	1.604	1.224	492.578	1	14.721					
	8/10/2017 9:15	41400	13.304	17.707	30.324	2029.501	2357.956	1.603	1.224	492.732	1	14.717					
	8/10/2017 9:30	42300	13.297	17.706	30.307	2031.667	2360.529	1.605	1.225	492.207	1	14.726					
	8/10/2017 9:45	43200	13.308	17.708	30.333	2034.532	2363.746	1.607	1.227	491.514	1	14.713					
	8/10/2017 10:00	44100	13.3	17.707	30.316	2027.741	2355.917	1.602	1.223	493.16	1	14.723					
	8/10/2017 10:15	45000	13.295	17.707	30.304	2028.398	2356.68	1.603	1.223	493	1	14.729					
	8/10/2017 10:30	45900	13.299	17.706	30.313	2024.803	2352.558	1.6	1.221	493.875	1	14.725					
	8/10/2017 10:45	46800	13.289	17.707	30.29	2027.083	2355.165	1.602	1.222	493.22	1	14.732					
	8/10/2017 11:00	47700	13.301	17.707	30.318	2023.688	2351.203	1.599	1.22	494.147	1	14.725					
	8/10/2017 11:15	48600	13.298	17.705	30.31	2026.344	2354.366	1.601	1.222	493.5	1	14.729					
	8/10/2017 11:30	49500	13.302	17.706	30.319	2025.356	2353.2	1.6	1.221	493.74	1	14.727					
	8/10/2017 11:45	50400	13.303	17.705	30.321	2025.699	2353.635	1.6	1.221	493.657	1	14.725					
	8/10/2017 12:00	51300	13.3	17.707	30.314	2027.144	2355.236	1.602	1.222	493.305	1	14.728					
	8/10/2017 12:15	52200	13.306	17.707	30.328	2029.115	2357.531	1.603	1.223	492.826	1	14.724					
	8/10/2017 12:30	53100	13.305	17.707	30.326	2029.76	2358.258	1.604	1.224	492.669	1	14.726					
	8/10/2017 12:45	54000	13.301	17.704	30.317	2022.636	2350.136	1.598	1.219	494.404	1	14.728					
	8/10/2017 13:00	54900	13.307	17.705	30.331	2021.346	2348.573	1.597	1.219	494.72	1	14.723					
	8/10/2017 13:15	55800	13.3	17.707	30.315	2029.998	2358.521	1.604	1.224	492.611	1	14.729					
	8/10/2017 13:30	56700	13.298	17.706	30.31	2025.383	2353.223	1.6	1.221	493.734	1	14.731					
	8/10/2017 13:45	57600	13.307	17.708	30.332	2026.278	2354.179	1.601	1.222	493.516	1	14.722					
	8/10/2017 14:00	58500	13.303	17.706	30.322	2024.191	2351.851	1.599	1.22	494.025	1	14.726					
	8/10/2017 14:15	59400	13.302	17.706	30.322	2027.349	2355.518	1.602	1.222	493.256	1	14.727					
	8/10/2017 14:30	60300	13.303	17.706	30.323	2028.442	2356.754	1.603	1.223	492.989	1	14.726					
	8/10/2017 14:45	61200	13.305	17.706	30.327	2027.831	2356.057	1.602	1.223	493.138	1	14.724					
	8/10/2017 15:00	62100	13.306	17.705	30.329	2025.127	2352.971	1.6	1.221	493.796	1	14.725					
	8/10/2017 15:15	63000	13.317	17.707	30.353	2027.255	2355.342	1.602	1.222	493.278	1	14.714					

8/10/2017 15:45	63900	13.312	17.707	30.342	2029.206	2357.623	1.603	1.223	492.803	1	14.717
8/10/2017 16:00	64800	13.31	17.705	30.337	2024.286	2352.007	1.599	1.222	494.001	1	14.72
8/10/2017 16:15	65700	13.311	17.706	30.339	2026.585	2354.619	1.601	1.222	493.441	1	14.718
8/10/2017 16:30	66600	13.313	17.707	30.345	2028.694	2357.018	1.603	1.223	492.928	1	14.716
8/10/2017 16:45	67500	13.313	17.706	30.344	2029.299	2357.772	1.603	1.224	492.781	1	14.715
8/10/2017 17:00	68400	13.315	17.707	30.348	2030.547	2359.177	1.604	1.224	492.478	1	14.713
8/10/2017 17:15	69300	13.312	17.706	30.341	2026.995	2354.669	1.601	1.222	493.366	1	14.715
8/10/2017 17:30	70200	13.312	17.707	30.343	2027.373	2355.502	1.602	1.222	493.249	1	14.709
8/10/2017 17:45	71100	13.319	17.707	30.358	2029.701	2358.188	1.604	1.224	492.683	1	14.707
8/10/2017 18:00	72000	13.313	17.708	30.344	2031.524	2360.27	1.605	1.225	492.241	1	14.712
8/10/2017 18:15	72900	13.312	17.708	30.343	2034.209	2363.385	1.607	1.227	491.592	1	14.706
8/10/2017 18:30	73800	13.322	17.704	30.364	2026.517	2364.623	1.601	1.222	493.457	1	14.702
8/10/2017 18:45	74700	13.31	17.706	30.337	2027.777	2355.659	1.602	1.222	493.244	1	14.713
8/10/2017 19:00	75600	13.315	17.706	30.35	2024.987	2352.758	1.6	1.221	493.83	1	14.707
8/10/2017 19:15	76500	13.314	17.705	30.347	2028.384	2356.741	1.603	1.223	493.003	1	14.708
8/10/2017 19:30	77400	13.316	17.707	30.351	2027.175	2355.245	1.602	1.222	493.297	1	14.705
8/10/2017 19:45	78300	13.315	17.707	30.349	2028.092	2356.319	1.602	1.223	493.074	1	14.705
8/10/2017 20:00	79200	13.315	17.707	30.349	2028.099	2356.35	1.602	1.223	493.073	1	14.704
8/10/2017 20:15	80100	13.313	17.707	30.343	2030.44	2359.052	1.604	1.224	492.504	1	14.706
8/10/2017 20:30	81000	13.319	17.707	30.358	2025.505	2353.328	1.6	1.221	493.704	1	14.7
8/10/2017 20:45	81900	13.318	17.706	30.356	2026.584	2354.623	1.601	1.222	493.441	1	14.7
8/10/2017 21:00	82800	13.315	17.707	30.349	2028.964	2357.355	1.603	1.223	492.862	1	14.702
8/10/2017 21:15	83700	13.316	17.707	30.352	2024.514	2352.185	1.599	1.222	493.946	1	14.701
8/10/2017 21:30	84600	13.312	17.705	30.343	2021.677	2348.985	1.597	1.219	494.639	1	14.704
8/10/2017 21:45	85500	13.308	17.707	30.338	2026.079	2353.894	1.601	1.221	493.564	1	14.709
8/10/2017 22:00	86400	13.318	17.707	30.355	2030.255	2358.805	1.604	1.224	492.549	1	14.698
8/10/2017 22:15	87300	13.311	17.708	30.34	2030.383	2358.936	1.604	1.224	492.518	1	14.705
8/10/2017 22:30	88200	13.305	17.706	30.325	2027.494	2355.684	1.602	1.222	493.22	1	14.71
8/10/2017 22:45	89100	13.31	17.708	30.337	2031.003	2359.651	1.605	1.225	492.368	1	14.706
8/10/2017 23:00	90000	13.297	17.705	30.308	2028.139	2356.471	1.602	1.223	493.063	1	14.714
8/10/2017 23:15	90900	13.31	17.707	30.338	2025.936	2353.784	1.601	1.221	493.602	1	14.705
8/10/2017 23:30	91800	13.305	17.705	30.326	2025.976	2353.961	1.601	1.221	493.589	1	14.71
8/10/2017 23:45	92700	13.314	17.707	30.347	2027.57	2355.686	1.602	1.222	493.201	1	14.701
8/11/2017 0:00	93600	13.309	17.704	30.336	2021.661	2349.021	1.597	1.219	494.643	1	14.706
8/11/2017 0:15	94500	13.309	17.706	30.335	2018.744	2345.531	1.595	1.217	495.358	1	14.706
8/11/2017 0:30	95400	13.3	17.708	30.314	2024.323	2351.895	1.599	1.222	493.992	1	14.711
8/11/2017 0:45	96300	13.308	17.707	30.332	2023.161	2350.623	1.598	1.222	494.276	1	14.706
8/11/2017 1:00	97200	13.309	17.706	30.325	2025.91	2353.848	1.601	1.221	493.605	1	14.707
8/11/2017 1:15	98100	13.305	17.705	30.326	2024.17	2351.868	1.599	1.222	494.03	1	14.709
8/11/2017 1:30	99000	13.312	17.707	30.342	2027.159	2355.231	1.602	1.222	493.301	1	14.702
8/11/2017 1:45	99900	13.311	17.706	30.339	2025.08	2352.852	1.6	1.221	493.808	1	14.7
8/11/2017 2:00	100800	13.314	17.706	30.346	2026.556	2354.581	1.601	1.222	493.448	1	14.704
8/11/2017 2:15	101700	13.307	17.706	30.331	2028.303	2356.583	1.602	1.223	493.023	1	14.706
8/11/2017 2:30	102600	13.304	17.707	30.325	2029.242	2357.664	1.603	1.223	492.795	1	14.71
8/11/2017 2:45	103500	13.311	17.707	30.339	2029.666	2358.13	1.604	1.224	492.692	1	14.702
8/11/2017 3:00	104400	13.313	17.707	30.345	2028.177	2356.427	1.602	1.223	493.054	1	14.7
8/11/2017 3:15	105300	13.306	17.706	30.329	2022.337	2349.674	1.598	1.219	494.477	1	14.707
8/11/2017 3:30	106200	13.303	17.707	30.321	2027.764	2355.961	1.602	1.223	493.154	1	14.704
8/11/2017 3:45	107100	13.308	17.706	30.334	2028.057	2356.357	1.602	1.223	493.083	1	14.708
8/11/2017 4:00	108000	13.305	17.706	30.327	2025.809	2353.712	1.601	1.221	493.63	1	14.702
8/11/2017 4:15	108900	13.306	17.706	30.327	2031.799	2360.686	1.605	1.225	492.175	1	14.701
8/11/2017 4:30	109800	13.296	17.706	30.306	2028.204	2356.518	1.602	1.223	493.047	1	14.71
8/11/2017 4:45	110700	13.304	17.707	30.324	2029.596	2358.04	1.603	1.224	492.709	1	14.707
8/11/2017 5:00	111600	13.304	17.706	30.323	2025.171	2352.99	1.6	1.221	493.785	1	14.702
8/11/2017 5:15	112500	13.306	17.707	30.328	2028.567	2356.895	1.603	1.223	492.959	1	14.699
8/11/2017 5:30	113400	13.302	17.708	30.318	2029.486	2357.903	1.603	1.224	492.736	1	14.706
8/11/2017 5:45	114300	13.306	17.707	30.329	2027.143	2355.24	1.602	1.222	493.305	1	14.704
8/11/2017 6:00	115200	13.306	17.707	30.329	2028.024	2356.245	1.602	1.223	493.091	1	14.702
8/11/2017 6:15	116100	13.306	17.706	30.328	2032.026	2360.95	1.605	1.225	492.12	1	14.703
8/11/2017 6:30	117000	13.304	17.705	30.325	2028.501	2356.872	1.603	1.223	492.975	1	14.705
8/11/2017 6:45	117900	13.305	17.707	30.325	2033.656	2362.789	1.607	1.226	491.725	1	14.704
8/11/2017 7:00	118800	13.301	17.707	30.318	2029.248	2357.677	1.603	1.223	492.793	1	14.708
8/11/2017 7:15	119700	13.303	17.706	30.321	2031.881	2360.749	1.605	1.225	492.155	1	14.705
8/11/2017 7:30	120600	13.294	17.705	30.301	2027.568	2355.811	1.602	1.222	493.202	1	14.711
8/11/2017 7:45	121500	13.297	17.708	30.309	2032.944	2361.924	1.606	1.226	491.897	1	14.712
8/11/2017 8:00	122400	13.297	17.707	30.307	2031.713	2360.507	1.605	1.225	492.196	1	14.708
8/11/2017 8:15	123300	13.301	17.706	30.316	2029.957	2358.518	1.604	1.224	492.621	1	14.711
8/11/2017 8:30	124200	13.293	17.707	30.3	2028.483	2356.788	1.603	1.223	492.979	1	14.718
8/11/2017 8:45	125100	13.305	17.707	30.326	2027.301	2355.409	1.602	1.222	493.267	1	14.709
8/11/2017 9:00	126000	13.299	17.707	30.313	2029.886	2358.426	1.604	1.224	492.639	1	14.713
8/11/2017 9:15	126900	13.3	17.707	30.314	2028.35	2356.606	1.602	1.223	493.011	1	14.713
8/11/2017 9:30	127800	13.296	17.706	30.305	2027.005	2355.116	1.601	1.222	493.339	1	14.718
8/11/2017 9:45	128700	13.295	17.707	30.303	2026.474	2354.448	1.601	1.222	493.468	1	14.718
8/11/2017 10:00	129600	13.302	17.707	30.318	2028.197	2356.423	1.602	1.223	493.049	1	14.719
8/11/2017 10:15	130500	13.301	17.707	30.318	2026.495	2354.459	1.601	1.222	493.463	1	14.714
8/11/2017 10:30	131400	13.293	17.706	30.299	2026.01	2353.946	1.601	1.221	493.581	1	14.721
8/11/2017 10:45	132300	13.298	17.705	30.31	2020.883	2348.022	1.597	1.218	494.833	1	14.718
8/11/2017 11:00	133200	13.298	17.707	30.311	2020.65	2347.651	1.596	1.218	494.89	1	14.718
8/11/2017 11:15	134100	13.296	17.706	30.306	2022.135	2349.467	1.598	1.219	494.527	1	14.717
8/11/2017 11:30	135000	13.292	17.706	30.297	2025.178	2352.569	1.593	1.215	495.988	1	14.72
8/11/2017 11:45	135900	13.305	17.708	30.325	2023.698	2351.182	1.599	1.222	494.145	1	14.712
8/11/2017 12:00	136800	13.295	17.707	30.303	2034.315	2363.554	1.607	1.227	491.566	1	14.716
8/11/2017 12:15	137700	13.298	17.708	30.31	2033.049	2362.033	1.606	1.226	491.872	1	14.719
8/11/2017 12:30	138600	13.306	17.706	30.329	2027.519	2355.718	1.602	1.222	493.214	1	14.71
8/11/2017 12:45	139500	13.301	17.705	30.317	2032.055	2350.554	1.598	1.222	494.302	1	14.716
8/11/2017 13:00	140400	13.3	17.706	30.316	2027.87	2356.089	1.602	1.223	493.128	1	14.715
8/11/2017 13:15	141300	13.306	17.707	30.328	2029.834	2358.335	1.604	1.224	492.651	1	14.71
8/11/2017 13:30	142200	13.314	17.706	30.							

8/12/2017 20:30	253800	13.299	17.708	30.313	2026.943	2354.929	1.601	1.222	493.354	1	14.697
8/12/2017 20:45	254700	13.299	17.708	30.312	2026.472	2354.396	1.601	1.222	493.468	1	14.698
8/12/2017 21:00	255600	13.303	17.707	30.323	2026.301	2354.238	1.601	1.222	493.51	1	14.693
8/12/2017 21:15	256500	13.299	17.708	30.312	2023.404	2350.813	1.599	1.22	494.217	1	14.697
8/12/2017 21:30	257400	13.305	17.706	30.326	2018.871	2345.678	1.595	1.217	495.326	1	14.692
8/12/2017 21:45	258300	13.303	17.706	30.321	2021.494	2348.695	1.597	1.219	494.684	1	14.694
8/12/2017 22:00	259200	13.295	17.708	30.305	2023.802	2351.272	1.599	1.22	494.119	1	14.696
8/12/2017 22:15	260100	13.296	17.709	30.307	2026.797	2354.719	1.601	1.222	493.389	1	14.7
8/12/2017 22:30	261000	13.299	17.707	30.313	2026.239	2354.176	1.601	1.222	493.525	1	14.695
8/12/2017 22:45	261900	13.303	17.708	30.322	2027.605	2355.703	1.602	1.222	493.193	1	14.693
8/12/2017 23:00	262800	13.291	17.707	30.294	2024.53	2352.185	1.599	1.22	493.942	1	14.7
8/12/2017 23:15	263700	13.297	17.706	30.309	2025.978	2353.89	1.601	1.221	493.589	1	14.698
8/12/2017 23:30	264600	13.29	17.708	30.292	2026.07	2353.338	1.601	1.221	493.566	1	14.7
8/12/2017 23:45	265500	13.296	17.708	30.305	2026.916	2354.917	1.601	1.222	493.36	1	14.701
8/13/2017 0:00	266400	13.294	17.708	30.302	2027.528	2355.623	1.602	1.222	493.211	1	14.701
8/13/2017 0:15	267300	13.295	17.707	30.304	2013.884	2339.789	1.591	1.214	496.553	1	14.701
8/13/2017 0:30	268200	13.295	17.707	30.303	2018	2344.617	1.594	1.216	495.54	1	14.702
8/13/2017 0:45	269100	13.303	17.709	30.322	2022.278	2349.459	1.598	1.219	494.492	1	14.692
8/13/2017 1:00	270000	13.3	17.708	30.314	2028.509	2356.735	1.603	1.223	492.973	1	14.696
8/13/2017 1:15	270900	13.296	17.707	30.307	2026.001	2353.863	1.601	1.221	493.583	1	14.7
8/13/2017 1:30	271800	13.301	17.708	30.316	2027.605	2355.718	1.602	1.222	493.193	1	14.696
8/13/2017 1:45	272700	13.302	17.708	30.32	2029.994	2358.483	1.604	1.224	492.612	1	14.695
8/13/2017 2:00	273600	13.302	17.707	30.32	2027.049	2355.099	1.601	1.222	493.328	1	14.694
8/13/2017 2:15	274500	13.298	17.706	30.31	2023.256	2350.765	1.599	1.22	494.253	1	14.693
8/13/2017 2:30	275400	13.3	17.708	30.314	2026.678	2354.441	1.601	1.222	493.418	1	14.695
8/13/2017 2:45	276300	13.301	17.708	30.316	2028.429	2356.655	1.603	1.223	492.992	1	14.695
8/13/2017 3:00	277200	13.298	17.707	30.311	2026.638	2354.626	1.601	1.222	493.428	1	14.692
8/13/2017 3:15	278100	13.295	17.708	30.303	2025.756	2353.564	1.6	1.221	493.643	1	14.694
8/13/2017 3:30	279000	13.298	17.707	30.309	2029.213	2357.608	1.603	1.223	492.802	1	14.692
8/13/2017 3:45	279900	13.298	17.707	30.31	2027.009	2355.08	1.601	1.222	493.338	1	14.694
8/13/2017 4:00	280800	13.303	17.708	30.321	2026.693	2354.652	1.601	1.222	493.415	1	14.691
8/13/2017 4:15	281700	13.299	17.707	30.314	2026.974	2355.011	1.601	1.222	493.346	1	14.692
8/13/2017 4:30	282600	13.299	17.707	30.312	2025.803	2353.633	1.6	1.221	493.632	1	14.689
8/13/2017 4:45	283500	13.289	17.708	30.29	2027.976	2356.121	1.602	1.223	493.102	1	14.698
8/13/2017 5:00	284400	13.302	17.707	30.319	2028.786	2357.135	1.603	1.223	492.906	1	14.691
8/13/2017 5:15	285300	13.294	17.707	30.302	2025.062	2352.794	1.6	1.221	493.812	1	14.693
8/13/2017 5:30	286200	13.298	17.706	30.31	2026.141	2354.31	1.601	1.222	493.549	1	14.695
8/13/2017 5:45	287100	13.292	17.705	30.296	2025.462	2353.35	1.6	1.221	493.715	1	14.7
8/13/2017 6:00	288000	13.294	17.707	30.302	2022.644	2349.971	1.598	1.219	494.402	1	14.697
8/13/2017 6:15	288900	13.286	17.707	30.283	2021.565	2348.735	1.597	1.219	494.666	1	14.704
8/13/2017 6:30	289800	13.292	17.706	30.296	2019.209	2346.031	1.595	1.217	495.243	1	14.701
8/13/2017 6:45	290700	13.296	17.708	30.305	2025.871	2353.667	1.6	1.221	493.615	1	14.698
8/13/2017 7:00	291600	13.286	17.707	30.286	2025.105	2352.821	1.6	1.221	493.802	1	14.706
8/13/2017 7:15	292500	13.29	17.706	30.292	2022.212	2349.52	1.598	1.219	494.508	1	14.703
8/13/2017 7:30	293400	13.29	17.708	30.291	2024.765	2352.421	1.6	1.221	493.885	1	14.704
8/13/2017 7:45	294300	13.293	17.708	30.299	2023.48	2350.905	1.599	1.22	494.198	1	14.701
8/13/2017 8:00	295200	13.287	17.708	30.285	2020.752	2347.741	1.596	1.218	494.865	1	14.708
8/13/2017 8:15	296100	13.281	17.707	30.272	2021.953	2349.187	1.597	1.219	494.571	1	14.714
8/13/2017 8:30	297000	13.281	17.707	30.271	2023.699	2351.099	1.599	1.22	494.167	1	14.71
8/13/2017 8:45	297900	13.284	17.707	30.277	2021.078	2348.165	1.597	1.218	494.786	1	14.714
8/13/2017 9:00	298800	13.281	17.706	30.271	2021.166	2348.304	1.597	1.218	494.764	1	14.716
8/13/2017 9:15	299700	13.279	17.708	30.266	2024.296	2351.849	1.599	1.22	493.999	1	14.719
8/13/2017 9:30	300600	13.279	17.707	30.268	2024.895	2352.591	1.6	1.221	493.853	1	14.716
8/13/2017 9:45	301500	13.278	17.708	30.264	2024.437	2352	1.599	1.22	493.965	1	14.723
8/13/2017 10:00	302400	13.281	17.706	30.271	2022.326	2349.656	1.598	1.219	494.48	1	14.721
8/13/2017 10:15	303300	13.28	17.705	30.269	2020.442	2347.554	1.596	1.218	494.941	1	14.722
8/13/2017 10:30	304200	13.279	17.706	30.268	2020.819	2347.938	1.597	1.218	494.849	1	14.723
8/13/2017 10:45	305100	13.28	17.709	30.27	2024.108	2351.608	1.599	1.22	494.045	1	14.725
8/13/2017 11:00	306000	13.278	17.708	30.264	2025.297	2353	1.6	1.221	493.755	1	14.728
8/13/2017 11:15	306900	13.277	17.708	30.261	2022.368	2349.628	1.598	1.219	494.47	1	14.73
8/13/2017 11:30	307800	13.281	17.707	30.271	2022.703	2350.04	1.598	1.219	494.388	1	14.723
8/13/2017 11:45	308700	13.281	17.706	30.271	2023.312	2350.803	1.599	1.22	494.239	1	14.728
8/13/2017 12:00	309600	13.281	17.708	30.272	2023.104	2350.478	1.598	1.22	494.29	1	14.727
8/13/2017 12:15	310500	13.286	17.707	30.282	2020.634	2347.628	1.596	1.218	494.894	1	14.724
8/13/2017 12:30	311400	13.283	17.707	30.276	2021.172	2348.261	1.597	1.218	494.762	1	14.728
8/13/2017 12:45	312300	13.287	17.708	30.284	2027.796	2355.916	1.602	1.223	493.146	1	14.723
8/13/2017 13:00	313200	13.286	17.708	30.284	2027.117	2355.118	1.601	1.222	493.311	1	14.725
8/13/2017 13:15	314100	13.289	17.707	30.291	2023.616	2351.236	1.599	1.22	494.165	1	14.721
8/13/2017 13:30	315000	13.289	17.708	30.29	2023.621	2351.061	1.599	1.22	494.164	1	14.719
8/13/2017 13:45	315900	13.285	17.709	30.281	2024.238	2351.759	1.599	1.22	494.013	1	14.726
8/13/2017 14:00	316800	13.294	17.707	30.302	2019.32	2346.151	1.595	1.217	495.216	1	14.718
8/13/2017 14:15	317700	13.29	17.708	30.292	2024.875	2352.513	1.6	1.221	493.858	1	14.722
8/13/2017 14:30	318600	13.289	17.708	30.289	2023.274	2350.671	1.598	1.22	494.248	1	14.724
8/13/2017 14:45	319500	13.293	17.708	30.3	2025.166	2352.865	1.6	1.221	493.787	1	14.719
8/13/2017 15:00	320400	13.295	17.707	30.304	2023.348	2350.812	1.599	1.22	494.23	1	14.716
8/13/2017 15:15	321300	13.302	17.708	30.319	2024.888	2352.561	1.6	1.221	493.854	1	14.71
8/13/2017 15:30	322200	13.3	17.708	30.314	2023.937	2351.456	1.599	1.22	494.086	1	14.711
8/13/2017 15:45	323100	13.302	17.708	30.32	2026.75	2354.705	1.601	1.222	493.401	1	14.708
8/13/2017 16:00	324000	13.303	17.707	30.321	2025.883	2353.726	1.601	1.221	493.612	1	14.708
8/13/2017 16:15	324900	13.306	17.708	30.329	2026.229	2350.549	1.605	1.225	492.235	1	14.705
8/13/2017 16:30	325800	13.298	17.707	30.31	2024.26	2351.876	1.599	1.22	494.008	1	14.711
8/13/2017 16:45	326700	13.304	17.708	30.324	2026.744	2354.721	1.601	1.222	493.402	1	14.704
8/13/2017 17:00	327600	13.31	17.708	30.336	2025.176	2352.895	1.6	1.221	493.784	1	14.698
8/13/2017 17:15	328500	13.303	17.705	30.321	2021.339	2348.556	1.597	1.219	494.721	1	14.703
8/13/2017 17:30	329400	13.306	17.706	30.329	2023.105	2350.567	1.598	1.22	494.29	1	14.699
8/13/2017 17:45	330300	13.308	17.705	30.333	2023.924	2350.652	1.602	1.223	493.115	1	14.696
8/13/2017 18:00	331200	13.308	17.707	30.332	2028.38	2356.659	1.603	1.223	493.004	1	14.695
8/13/2017 18:15	332100	13.308	17.708	30.334	2027.						

8/15/2017 1:15	443700	13.29	17.707	30.293	2019.765	2346.636	1.596	1.217	495.107	1	14.679
8/15/2017 1:30	444600	13.298	17.708	30.31	2022.847	2350.162	1.598	1.219	494.353	1	14.672
8/15/2017 1:45	445500	13.293	17.708	30.299	2023.186	2350.546	1.598	1.22	494.27	1	14.672
8/15/2017 2:00	446400	13.294	17.709	30.3	2022.35	2349.543	1.598	1.219	494.474	1	14.671
8/15/2017 2:15	447300	13.293	17.707	30.298	2017.495	2344.012	1.594	1.216	495.664	1	14.676
8/15/2017 2:30	448200	13.286	17.707	30.283	2020.587	2347.573	1.596	1.218	494.966	1	14.682
8/15/2017 2:45	449100	13.293	17.709	30.298	2021.732	2348.847	1.597	1.219	494.626	1	14.675
8/15/2017 3:00	450000	13.294	17.707	30.301	2019.764	2346.625	1.596	1.217	495.107	1	14.675
8/15/2017 3:15	450900	13.288	17.708	30.287	2020.848	2347.862	1.597	1.218	494.842	1	14.679
8/15/2017 3:30	451800	13.295	17.708	30.303	2023.075	2350.421	1.598	1.22	494.297	1	14.672
8/15/2017 3:45	452700	13.293	17.707	30.3	2023.301	2350.744	1.599	1.222	494.242	1	14.674
8/15/2017 4:00	453600	13.298	17.707	30.31	2023.134	2350.445	1.598	1.22	494.283	1	14.669
8/15/2017 4:15	454500	13.294	17.709	30.301	2024.994	2352.638	1.6	1.221	493.829	1	14.672
8/15/2017 4:30	455400	13.295	17.707	30.303	2019.855	2346.736	1.596	1.218	495.085	1	14.67
8/15/2017 4:45	456300	13.292	17.707	30.297	2023.563	2351.049	1.599	1.222	494.178	1	14.673
8/15/2017 5:00	457200	13.297	17.707	30.307	2022.448	2349.776	1.598	1.219	494.45	1	14.668
8/15/2017 5:15	458100	13.293	17.709	30.299	2021.841	2348.951	1.597	1.219	494.599	1	14.672
8/15/2017 5:30	459000	13.29	17.709	30.291	2022.367	2349.581	1.598	1.219	494.47	1	14.673
8/15/2017 5:45	459900	13.291	17.709	30.293	2022.068	2349.22	1.597	1.219	494.543	1	14.673
8/15/2017 6:00	460800	13.29	17.706	30.292	2019.238	2346.06	1.595	1.217	495.236	1	14.674
8/15/2017 6:15	461700	13.286	17.708	30.283	2023.701	2351.158	1.599	1.222	494.144	1	14.677
8/15/2017 6:30	462600	13.296	17.709	30.305	2024.705	2352.298	1.6	1.221	493.899	1	14.669
8/15/2017 6:45	463500	13.282	17.708	30.274	2022.256	2349.498	1.598	1.219	494.497	1	14.677
8/15/2017 7:00	464400	13.281	17.707	30.271	2023.211	2350.658	1.598	1.222	494.264	1	14.685
8/15/2017 7:15	465300	13.282	17.709	30.275	2025.74	2353.468	1.6	1.221	493.647	1	14.682
8/15/2017 7:30	466200	13.28	17.709	30.269	2023.892	2351.349	1.599	1.222	494.097	1	14.679
8/15/2017 7:45	467100	13.279	17.709	30.268	2022.345	2349.519	1.598	1.219	494.475	1	14.685
8/15/2017 8:00	468000	13.274	17.709	30.256	2023.712	2351.13	1.599	1.222	494.141	1	14.691
8/15/2017 8:15	468900	13.276	17.708	30.261	2022.998	2350.355	1.598	1.219	494.316	1	14.689
8/15/2017 8:30	469800	13.268	17.708	30.242	2020.887	2347.912	1.597	1.218	494.832	1	14.694
8/15/2017 8:45	470700	13.27	17.708	30.246	2020.17	2347.056	1.596	1.218	495.008	1	14.694
8/15/2017 9:00	471600	13.277	17.709	30.263	2021.187	2348.178	1.597	1.218	494.759	1	14.693
8/15/2017 9:15	472500	13.281	17.707	30.271	2022.519	2349.831	1.598	1.219	494.433	1	14.69
8/15/2017 9:30	473400	13.273	17.708	30.254	2024.275	2351.806	1.599	1.222	494.004	1	14.697
8/15/2017 9:45	474300	13.278	17.708	30.266	2022.599	2349.878	1.598	1.219	494.413	1	14.693
8/15/2017 10:00	475200	13.265	17.707	30.235	2021.578	2348.728	1.597	1.219	494.663	1	14.702
8/15/2017 10:15	476100	13.278	17.707	30.265	2022.018	2349.239	1.597	1.219	494.556	1	14.695
8/15/2017 10:30	477000	13.274	17.709	30.255	2022.01	2349.139	1.597	1.219	494.557	1	14.701
8/15/2017 10:45	477900	13.268	17.707	30.241	2021.569	2348.755	1.597	1.219	494.665	1	14.707
8/15/2017 11:00	478800	13.274	17.708	30.256	2020.035	2346.908	1.596	1.218	495.041	1	14.703
8/15/2017 11:15	479700	13.276	17.707	30.259	2017.521	2344.033	1.594	1.216	495.658	1	14.702
8/15/2017 11:30	480600	13.276	17.709	30.261	2019.446	2346.187	1.595	1.217	495.185	1	14.703
8/15/2017 11:45	481500	13.249	17.709	30.244	2019.115	2345.289	1.595	1.217	495.267	1	14.71
8/15/2017 12:00	482400	13.274	17.709	30.256	2018.819	2345.418	1.595	1.217	495.339	1	14.701
8/15/2017 12:15	483300	13.284	17.708	30.278	2019.788	2346.63	1.596	1.217	495.102	1	14.696
8/15/2017 12:30	484200	13.271	17.707	30.25	2019.054	2345.792	1.595	1.217	495.281	1	14.709
8/15/2017 12:45	485100	13.282	17.709	30.274	2022.251	2349.427	1.598	1.219	494.499	1	14.699
8/15/2017 13:00	486000	13.277	17.709	30.263	2024.548	2352.115	1.599	1.222	493.937	1	14.704
8/15/2017 13:15	486900	13.282	17.709	30.273	2021.189	2348.212	1.597	1.218	494.758	1	14.698
8/15/2017 13:30	487800	13.277	17.707	30.263	2022.983	2350.365	1.598	1.219	494.32	1	14.704
8/15/2017 13:45	488700	13.277	17.709	30.263	2021.506	2348.554	1.597	1.219	494.681	1	14.706
8/15/2017 14:00	489600	13.283	17.709	30.275	2022.278	2349.469	1.598	1.219	494.492	1	14.699
8/15/2017 14:15	490500	13.284	17.708	30.279	2021.661	2348.807	1.597	1.219	494.643	1	14.699
8/15/2017 14:30	491400	13.284	17.708	30.279	2022.429	2349.695	1.598	1.219	494.455	1	14.699
8/15/2017 14:45	492300	13.287	17.708	30.286	2023.033	2350.369	1.598	1.222	494.307	1	14.696
8/15/2017 15:00	493200	13.282	17.708	30.274	2023.044	2350.386	1.598	1.222	494.308	1	14.7
8/15/2017 15:15	494100	13.281	17.708	30.272	2022.189	2349.42	1.598	1.219	494.514	1	14.698
8/15/2017 15:30	495000	13.284	17.708	30.278	2020.405	2347.324	1.596	1.218	494.95	1	14.698
8/15/2017 15:45	495900	13.284	17.706	30.277	2020.676	2347.745	1.596	1.218	494.884	1	14.7
8/15/2017 16:00	496800	13.284	17.709	30.278	2021.374	2348.427	1.597	1.218	494.713	1	14.694
8/15/2017 16:15	497700	13.289	17.707	30.289	2021.656	2348.842	1.597	1.219	494.644	1	14.694
8/15/2017 16:30	498600	13.287	17.709	30.285	2025.659	2353.406	1.6	1.221	493.666	1	14.695
8/15/2017 16:45	499500	13.292	17.709	30.297	2026.726	2354.65	1.601	1.222	493.406	1	14.691
8/15/2017 17:00	500400	13.286	17.708	30.283	2022.801	2350.117	1.598	1.219	494.364	1	14.691
8/15/2017 17:15	501300	13.286	17.709	30.283	2020.589	2347.521	1.596	1.218	494.905	1	14.695
8/15/2017 17:30	502200	13.287	17.708	30.285	2022.114	2349.319	1.598	1.219	494.532	1	14.695
8/15/2017 17:45	503100	13.286	17.708	30.282	2021.969	2349.151	1.597	1.219	494.567	1	14.695
8/15/2017 18:00	504000	13.288	17.708	30.288	2023.423	2350.831	1.599	1.222	494.212	1	14.692
8/15/2017 18:15	504900	13.287	17.709	30.286	2022.792	2350.074	1.598	1.219	494.366	1	14.694
8/15/2017 18:30	505800	13.291	17.708	30.295	2020	2346.886	1.596	1.218	495.049	1	14.689
8/15/2017 18:45	506700	13.291	17.709	30.295	2024.134	2351.62	1.599	1.222	494.039	1	14.69
8/15/2017 19:00	507600	13.287	17.709	30.286	2023.158	2350.491	1.598	1.222	494.277	1	14.693
8/15/2017 19:15	508500	13.284	17.708	30.278	2025.142	2352.833	1.6	1.221	493.792	1	14.69
8/15/2017 19:30	509400	13.288	17.708	30.288	2024.905	2352.288	1.6	1.221	493.85	1	14.695
8/15/2017 19:45	510300	13.29	17.709	30.291	2024.371	2351.896	1.599	1.222	493.981	1	14.69
8/15/2017 20:00	511200	13.289	17.709	30.29	2022.636	2349.894	1.598	1.219	494.404	1	14.69
8/15/2017 20:15	512100	13.278	17.709	30.266	2023.3	2350.643	1.598	1.222	494.242	1	14.695
8/15/2017 20:30	513000	13.284	17.709	30.279	2023.08	2350.414	1.598	1.222	494.296	1	14.695
8/15/2017 20:45	513900	13.284	17.709	30.277	2022.169	2349.342	1.598	1.219	494.519	1	14.694
8/15/2017 21:00	514800	13.28	17.708	30.269	2020.673	2347.649	1.596	1.218	494.885	1	14.698
8/15/2017 21:15	515700	13.278	17.708	30.264	2021.818	2348.953	1.597	1.219	494.604	1	14.696
8/15/2017 21:30	516600	13.275	17.708	30.259	2022.198	2349.421	1.598	1.219	494.512	1	14.703
8/15/2017 21:45	517500	13.278	17.708	30.265	2022.667	2349.943	1.598	1.219	494.397	1	14.701
8/15/2017 22:00	518400	13.272	17.709	30.251	2024.614	2352.182	1.599	1.222	493.921	1	14.707
8/15/2017 22:15	519300	13.279	17.709	30.266	2025.716	2353.449	1.6	1.221	493.653	1	14.701
8/15/2017 22:30	520200	13.268	17.708	30.243	2025.34	2353.063	1.6	1.221	493.744	1	14.712
8/15/2017 22:45	521100	13.268	17.708	30.242	2025.86	2353.654	1.6	1.221	493.618	1	14.714
8/15/2017 23:00	5										

Report Date: 8/18/2017 9:04
Report User Name: WMassoll
Report Computer Name: WKST52
Application: WinSitu.exe
Application Version: 5.6.27.1

Log File Properties

File Name	MPWSP MW-8D LT Test_2017-08-17_12-14-14-350-BaroMerge.wsl
Create Date	8/18/2017 9:00

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	20			
Used Battery	11			

Log Configuration	Log Name	MPWSP MW-8D LT Test
	Created By	AVANHaltsma
	Computer Name	PROB00K02
	Application	ProB00K.exe
	Application Version	5.6.27.1
	Create Date	6/22/2017 11:17:22 AM Pacific Daylight Time
	Log Setup Time Zone	Pacific Daylight Time
	Notes Size(bytes)	4096
	Overwrite when full	Enabled
	Scheduled Start Time	6/22/2017 11:30:00 AM Pacific Daylight Time
	Scheduled Stop Time	No Stop Time
	Type	Linear
	Interval	Days: 0 hrs: 00 mins: 15 secs: 00

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

Other Log Settings	
Depth of Probe:	329.048 (ft)
Head Pressure:	144.363 (PSI)
Temperature:	20.3733 (C)

Specific Conductivity Model:	Standard Methods
Reference Temperature:	25
Temperature Coefficient:	0.019

TDS Factor: 0.68

Log Notes:	Note
Date and Time	
6/22/2017 11:17	Log Battery: 11% Used Memory: 20% User Name: AvAanHsima
6/22/2017 11:32	Log Download - Used Battery: 11% Used Memory: 20% User Name: AvAanHsima Interval - Start Time: 6/22/2017 11:30:00 AM Stop Time: 6/22/2017 12:30:00 PM
6/29/2017 15:12	Log Download - Used Battery: 11% Used Memory: 20% User Name: WMassol Interval - Start Time: 6/21/2017 10:00:00 PM Stop Time: 6/29/2017 4:00:00 PM
7/6/2017 7:41	Log Download - Used Battery: 12% Used Memory: 21% User Name: AvAanHsima Interval - Start Time: 5/13/2017 10:00:00 PM Stop Time: 7/6/2017 8:30:00 AM
7/10/2017 13:33	Log Download - Used Battery: 13% Used Memory: 23% User Name: AvAanHsima Interval - Start Time: 7/10/2017 10:00:00 PM Stop Time: 7/10/2017 11:15:00 AM
7/20/2017 11:15	Log Download - Used Battery: 13% Used Memory: 23% User Name: WMassol Interval - Start Time: 7/12/2017 10:00:00 PM Stop Time: 7/20/2017 11:35:00 AM
7/27/2017 10:25	Log Download - Used Battery: 13% Used Memory: 23% User Name: AvAanHsima Interval - Start Time: 7/19/2017 10:00:00 PM Stop Time: 7/27/2017 11:15:00 AM
8/3/2017 10:58	Log Download - Used Battery: 13% Used Memory: 23% User Name: AvAanHsima Interval - Start Time: 6/30/2017 10:00:00 PM Stop Time: 8/3/2017 11:30:00 AM
8/10/2017 11:24	Log Download - Used Battery: 14% Used Memory: 25% User Name: WMassol Interval - Start Time: 8/2/2017 10:00:00 PM Stop Time: 8/10/2017 12:15:00 PM
8/17/2017 12:13	Log Download - Used Battery: 14% Used Memory: 26% User Name: AvAanHsima Interval - Start Time: 8/9/2017 10:00:00 PM Stop Time: 8/17/2017 1:00:00 PM
8/18/2017 9:00	User "Pressure & Level adjusted by baro data from "MPWSP Barotroll -2017-08-15-14-23-201.wsii"

Log Data:
Record Count 729

Sensors	2
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1 469355 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: PCTD(A) 658.7ft	Sensor: PCTD(A) 658.7ft
		SN#r: 469355 Corrected Pressure (PSI)	SN#r: 469355 Temperature (C)	SN#r: 469355 Corrected Depth (ft)	SN#r: 469355 Actual Conductivity (µS/cm)	SN#r: 469355 Specific Conductivity (µS/cm)	SN#r: 469355 Salinity (PSU)	Total Dissolved Solids (ppt)	Resistivity (ohm-cm)	Water Density (g/cm3)	Barometric Pressure (PSI)	
8/10/2017 0:00		7200	128.677	20.389	293.295	13506.129	14810.549	8.709	10.071	74.04	1.005	14.711
8/10/2017 0:15		8100	128.681	20.400	293.293	13507.232	14806.813	8.707	10.071	74.034	1.005	14.713
8/10/2017 0:30		9000	128.688	20.401	293.322	13505.364	14805.79	8.707	10.068	74.045	1.005	14.713
8/10/2017 0:45		9900	128.684	20.397	293.31	13504.564	14806.376	8.707	10.068	74.049	1.005	14.714
8/10/2017 1:00		10800	128.697	20.39	293.339	13505.326	14809.345	8.709	10.07	74.045	1.005	14.715
8/10/2017 1:15		11700	128.695	20.397	293.336	13509.982	14812.101	8.711	10.072	74.019	1.005	14.717
8/10/2017 1:30		12600	128.696	20.381	293.339	13500.331	14806.541	8.707	10.068	74.072	1.005	14.712
8/10/2017 1:45		13500	128.694	20.394	293.354	13514.657	14818.387	8.715	10.077	73.994	1.005	14.713
8/10/2017 2:00		14400	128.702	20.388	293.352	13500.555	14804.574	8.706	10.067	74.071	1.005	14.712
8/10/2017 2:15		15300	128.71	20.382	293.369	13511.707	14818.857	8.715	10.077	74.01	1.005	14.709
8/10/2017 2:30		16200	128.705	20.391	293.359	13502.798	14806.137	8.707	10.068	74.059	1.005	14.713
8/10/2017 2:45		17100	128.704	20.397	293.356	13513.721	14816.277	8.713	10.075	73.999	1.005	14.71
8/10/2017 3:00		18000	128.702	20.389	293.352	13502.771	14806.893	8.707	10.069	74.059	1.005	14.708
8/10/2017 3:15		18900	128.678	20.38	293.348	13488.942	14794.294	8.699	10.06	74.135	1.005	14.711
8/10/2017 3:30		19800	128.688	20.388	293.343	13488.58	14791.495	8.697	10.058	74.137	1.005	14.708
8/10/2017 3:45		20700	128.727	20.394	293.408	13502.569	14805.051	8.706	10.067	74.06	1.005	14.705
8/10/2017 4:00		21600	128.692	20.398	293.328	13492.069	14792.376	8.698	10.059	74.118	1.005	14.701
8/10/2017 4:15		22500	128.694	20.385	293.334	13492.81	14797.209	8.701	10.062	74.114	1.005	14.708
8/10/2017 4:30		23400	128.68	20.395	293.302	13495.363	14796.876	8.701	10.062	74.1	1.005	14.708
8/10/2017 4:45		24300	128.671	20.382	293.281	13486.718	14791.39	8.697	10.058	74.147	1.005	14.706
8/10/2017 5:00		25200	128.695	20.388	293.323	13495.206	14798.761	8.702	10.063	74.1	1.005	14.702
8/10/2017 5:15		26100	128.652	20.384	293.238	13493.019	14797.575	8.701	10.062	74.112	1.005	14.707
8/10/2017 5:30		27000	128.659	20.378	293.254	13484.127	14789.767	8.696	10.057	74.161	1.005	14.7
8/10/2017 5:45		27900	128.643	20.389	293.217	13501.361	14805.348	8.706	10.068	74.067	1.005	14.706
8/10/2017 6												

8/11/2017 7:00	118800	128.642	203.98	293.214	13499.055	14800.009	8.703	10.064	74.079	1.005	14.708
8/11/2017 7:15	119700	128.61	203.96	293.141	13490.527	14791.252	8.697	10.058	74.126	1.005	14.705
8/11/2017 7:30	120600	128.584	203.92	293.084	13486.857	14788.497	8.695	10.056	74.146	1.005	14.711
8/11/2017 7:45	121500	128.589	203.84	293.094	13474.616	14777.445	8.688	10.049	74.214	1.005	14.712
8/11/2017 8:00	122400	128.587	203.84	293.09	13486.7	14790.594	8.697	10.058	74.147	1.005	14.708
8/11/2017 8:15	123300	128.578	203.82	293.068	13483.181	14787.382	8.695	10.055	74.166	1.005	14.711
8/11/2017 8:30	124200	128.55	203.85	293.054	13484.613	14788.735	8.696	10.056	74.159	1.005	14.718
8/11/2017 8:45	125100	128.559	203.94	293.026	13486.433	14787.275	8.695	10.055	74.149	1.005	14.709
8/11/2017 9:00	126000	128.549	203.84	293.004	13486.424	14790.478	8.697	10.058	74.149	1.005	14.713
8/11/2017 9:15	126900	128.58	203.82	293.074	13481.667	14785.911	8.694	10.054	74.175	1.005	14.713
8/11/2017 9:30	127800	128.537	203.94	292.976	13472.645	14772.212	8.685	10.045	74.224	1.005	14.718
8/11/2017 9:45	128700	128.546	203.83	292.996	13479.541	14783.198	8.692	10.053	74.187	1.005	14.718
8/11/2017 10:00	129600	128.565	203.93	293.039	13474.14	14774.77	8.687	10.054	74.216	1.005	14.712
8/11/2017 10:15	130500	128.534	203.94	292.968	13471.597	14770.98	8.684	10.044	74.23	1.005	14.714
8/11/2017 10:30	131400	128.537	203.93	292.976	13472.109	14772.057	8.685	10.045	74.227	1.005	14.721
8/11/2017 10:45	132300	128.535	203.92	292.971	13481.641	14782.803	8.692	10.052	74.175	1.005	14.718
8/11/2017 11:00	133200	128.54	203.81	292.983	13479.748	14784.047	8.693	10.053	74.185	1.005	14.718
8/11/2017 11:15	134100	128.544	20.405	292.991	13470.07	14765.862	8.681	10.041	74.239	1.005	14.717
8/11/2017 11:30	135000	128.53	203.91	292.96	13481.457	14782.762	8.692	10.052	74.176	1.005	14.72
8/11/2017 11:45	135900	128.547	203.92	292.998	13479.721	14780.534	8.69	10.051	74.186	1.005	14.712
8/11/2017 12:00	136800	128.544	203.89	292.992	13474.65	14776.005	8.688	10.048	74.213	1.005	14.716
8/11/2017 12:15	137700	128.549	20.401	293.002	13485.962	14784.764	8.693	10.054	74.151	1.005	14.719
8/11/2017 12:30	138600	128.567	203.98	293.044	13474.578	14773.121	8.686	10.046	74.214	1.005	14.71
8/11/2017 12:45	139500	128.563	203.99	293.035	13476.373	14774.657	8.687	10.047	74.204	1.005	14.716
8/11/2017 13:00	140400	128.568	203.97	293.045	13486.404	14786.408	8.694	10.055	74.149	1.005	14.715
8/11/2017 13:15	141300	128.58	20.404	293.073	13476.239	14773.078	8.686	10.046	74.205	1.005	14.71
8/11/2017 13:30	142200	128.593	203.99	293.102	13487.837	14787.36	8.695	10.055	74.141	1.005	14.703
8/11/2017 13:45	143100	128.603	20.4	293.126	13475.175	14772.991	8.686	10.046	74.211	1.005	14.708
8/11/2017 14:00	144000	128.605	203.95	293.13	13476.397	14776.056	8.688	10.048	74.204	1.005	14.709
8/11/2017 14:15	144900	128.643	203.89	293.218	13475.286	14776.78	8.688	10.048	74.21	1.005	14.712
8/11/2017 14:30	145800	128.62	20.401	293.164	13477.298	14775.211	8.687	10.047	74.199	1.005	14.709
8/11/2017 14:45	146700	128.629	203.97	293.186	13477.316	14776.553	8.688	10.048	74.199	1.005	14.704
8/11/2017 15:00	147600	128.645	203.86	293.222	13475.125	14777.465	8.688	10.049	74.211	1.005	14.704
8/11/2017 15:15	148500	128.64	20.401	293.211	13494.168	14793.6	8.699	10.06	74.106	1.005	14.7
8/11/2017 15:30	149400	128.66	203.95	293.256	13473.591	14772.952	8.686	10.046	74.219	1.005	14.695
8/11/2017 15:45	150300	128.653	203.89	293.239	13477.044	14778.655	8.689	10.049	74.2	1.005	14.697
8/11/2017 16:00	151200	128.66	203.92	293.256	13476.94	14777.597	8.69	10.049	74.201	1.005	14.7
8/11/2017 16:15	152100	128.66	20.406	293.256	13478.907	14775.412	8.687	10.047	74.19	1.005	14.695
8/11/2017 16:30	153000	128.682	203.82	293.306	13470.615	14773.601	8.686	10.046	74.236	1.005	14.687
8/11/2017 16:45	153900	128.67	203.85	293.279	13480.477	14783.657	8.692	10.053	74.181	1.005	14.699
8/11/2017 17:00	154800	128.67	203.86	293.279	13482.335	14785.266	8.693	10.054	74.171	1.005	14.694
8/11/2017 17:15	155700	128.671	203.92	293.282	13476.038	14776.634	8.688	10.048	74.206	1.005	14.691
8/11/2017 17:30	156600	128.675	203.89	293.287	13473.824	14772.889	8.692	10.046	74.218	1.005	14.685
8/11/2017 17:45	157500	128.671	203.96	293.281	13483.177	14783.004	8.692	10.052	74.166	1.005	14.688
8/11/2017 18:00	158400	128.681	203.95	293.303	13483.779	14784.26	8.693	10.053	74.163	1.005	14.677
8/11/2017 18:15	159300	128.667	203.95	293.272	13476.212	14775.963	8.688	10.048	74.205	1.005	14.682
8/11/2017 18:30	160200	128.663	203.92	293.262	13479.693	14780.642	8.69	10.051	74.186	1.005	14.676
8/11/2017 18:45	161100	128.664	203.93	293.265	13479.779	14780.492	8.69	10.051	74.185	1.005	14.676
8/11/2017 19:00	162000	128.683	203.99	293.299	13479.758	14779.758	8.69	10.05	74.179	1.005	14.682
8/11/2017 19:15	162900	128.662	203.98	293.262	13473.4	14778.002	8.689	10.049	74.22	1.005	14.676
8/11/2017 19:30	163800	128.697	20.404	293.341	13481.575	14778.875	8.689	10.05	74.175	1.005	14.672
8/11/2017 19:45	164700	128.659	203.86	293.254	13476.868	14779.429	8.69	10.05	74.201	1.005	14.677
8/11/2017 20:00	165600	128.658	203.97	293.251	13473.932	14772.627	8.685	10.045	74.217	1.005	14.678
8/11/2017 20:15	166500	128.66	203.89	293.257	13469.448	14770.166	8.684	10.044	74.242	1.005	14.67
8/11/2017 20:30	167400	128.652	203.98	293.237	13469.984	14768.137	8.683	10.042	74.239	1.005	14.675
8/11/2017 20:45	168300	128.65	203.88	293.223	13471.314	14772.722	8.685	10.045	74.232	1.005	14.677
8/11/2017 21:00	169200	128.64	203.81	293.21	13458.291	14760.38	8.678	10.037	74.304	1.005	14.684
8/11/2017 21:15	170100	128.645	20.39	293.223	13464.798	14764.821	8.68	10.04	74.268	1.005	14.675
8/11/2017 21:30	171000	128.636	203.93	293.2	13472.973	14772.761	8.685	10.045	74.223	1.005	14.681
8/11/2017 21:45	171900	128.655	203.83	293.244	13459.839	14761.619	8.678	10.038	74.295	1.005	14.679
8/11/2017 22:00	172800	128.643	203.81	293.217	13446.946	14747.991	8.67	10.029	74.366	1.005	14.684
8/11/2017 22:15	173700	128.639	20.402	293.208	13473.642	14770.694	8.684	10.044	74.219	1.005	14.679
8/11/2017 22:30	174600	128.672	20.41	293.283	13466.601	14760.629	8.678	10.037	74.258	1.005	14.676
8/11/2017 22:45	175500	128.682	203.95	293.306	13459.132	14757.181	8.676	10.035	74.299	1.005	14.673
8/11/2017 23:00	176400	128.647	203.87	293.226	13455.998	14756.115	8.675	10.034	74.316	1.005	14.68
8/11/2017 23:15	177300	128.654	203.83	293.243	13449.499	14750.197	8.671	10.03	74.352	1.005	14.676
8/11/2017 23:30	178200	128.65	203.93	293.233	13447.74	14745.12	8.668	10.027	74.362	1.005	14.677
8/11/2017 23:45	179100	128.646	203.98	293.224	13456.612	14756.439	8.675	10.034	74.313	1.005	14.68
8/12/2017 0:00	180000	128.655	203.92	293.245	13456.063	14754.543	8.674	10.033	74.316	1.005	14.678
8/12/2017 0:15	180900	128.649	203.92	293.232	13454.705	14753.136	8.673	10.032	74.323	1.005	14.682
8/12/2017 0:30	181800	128.656	203.88	293.247	13452.301	14751.764	8.672	10.031	74.337	1.005	14.682
8/12/2017 0:45	182700	128.659	20.403	293.254	13448.79	14743.178	8.667	10.025	74.356	1.005	14.687
8/12/2017 1:00	183600	128.656	203.91	293.247	13454.272	14752.876	8.673	10.032	74.326	1.005	14.682
8/12/2017 1:15	184500	128.667	203.87	293.271	13452.357	14752.502	8.672	10.031	74.336	1.005	14.689
8/12/2017 1:30	185400	128.668	203.86	293.273	13452.42	14752.565	8.673	10.032	74.336	1.005	14.688
8/12/2017 1:45	186300	128.671	20.39	293.281	13452.286	14751.102	8.672	10.031	74.337	1.005	14.688
8/12/2017 2:00	187200	128.692	203.93	293.329	13456.933	14755.388	8.674	10.034	74.311	1.005	14.68
8/12/2017 2:15	188100	128.673	203.85	293.285	13450.489	14750.72	8.671	10.03	74.347	1.005	14.691
8/12/2017 2:30	189000	128.696	203.86	293.337	13448.736	14748.525	8.67	10.029	74.356	1.005	14.679
8/12/2017 2:45	189900	128.699	203.93	293.345	13447.651	14748.87	8.67	10.029	74.362	1.005	14.682
8/12/2017 3:00	190800	128.692	203.94	293.329	13448.135	14745.204	8.668	10.027	74.36	1.005	14.691
8/12/2017 3:15	191700	128.708	203.82	293.364	13444.957	14745.623	8.668	10.027	74.377	1.005	14.681
8/12/2017 3:30	192600	128.705	20.39	293.359	13438.034	14735					

8/13/2017 11:45	308700	128.532	20404	292.965	13430.39	14722.738	8.654	10.011	74.458	1.005	14.728
8/13/2017 12:00	309600	128.53	20401	292.96	13423.664	14716.36	8.65	10.007	74.495	1.005	14.727
8/13/2017 12:15	310500	128.542	20393	292.986	13428.552	14724.134	8.655	10.012	74.468	1.005	14.724
8/13/2017 12:30	311400	128.549	20394	293.004	13429.929	14725.455	8.655	10.013	74.461	1.005	14.728
8/13/2017 12:45	312300	128.535	20397	292.971	13423.285	14717.261	8.65	10.008	74.497	1.005	14.721
8/13/2017 13:00	313200	128.58	20395	293.074	13420.375	14724.266	8.655	10.013	74.464	1.005	14.725
8/13/2017 13:15	314100	128.56	20392	293.02	13423.165	14718.694	8.651	10.008	74.468	1.009	14.721
8/13/2017 13:30	315000	128.554	20399	293.015	13425.098	14718.468	8.651	10.009	74.487	1.005	14.719
8/13/2017 13:45	315900	128.56	20402	293.028	13439.845	14733.75	8.661	10.019	74.406	1.005	14.726
8/13/2017 14:00	316800	128.578	20401	293.069	13443.975	14738.652	8.664	10.022	74.383	1.005	14.718
8/13/2017 14:15	317700	128.579	20393	293.072	13434.847	14731.145	8.659	10.017	74.433	1.005	14.722
8/13/2017 14:30	318600	128.615	20389	293.153	13434.487	14731.892	8.659	10.018	74.435	1.005	14.724
8/13/2017 14:45	319500	128.594	20385	293.104	13425.977	14723.755	8.654	10.012	74.482	1.005	14.719
8/13/2017 15:00	320400	128.598	20391	293.114	13439.634	14736.825	8.663	10.021	74.407	1.005	14.716
8/13/2017 15:15	321300	128.626	20382	293.179	13439.546	14739.688	8.664	10.023	74.407	1.005	14.71
8/13/2017 15:30	322200	128.623	20402	293.171	13444.828	14739.346	8.664	10.023	74.378	1.005	14.711
8/13/2017 15:45	323100	128.643	20387	293.216	13435.163	14733.241	8.66	10.019	74.432	1.005	14.708
8/13/2017 16:00	324000	128.639	20385	293.208	13433.104	14731.571	8.659	10.017	74.443	1.005	14.708
8/13/2017 16:15	324900	128.65	2039	293.232	13438.56	14737.531	8.663	10.022	74.405	1.005	14.702
8/13/2017 16:30	325800	128.652	20398	293.237	13444.226	14739.761	8.665	10.023	74.381	1.005	14.711
8/13/2017 16:45	326700	128.651	20391	293.236	13437.18	14734.211	8.661	10.019	74.42	1.005	14.704
8/13/2017 17:00	327600	128.674	20391	293.287	13440.067	14737.435	8.663	10.021	74.404	1.005	14.698
8/13/2017 17:15	328500	128.671	20392	293.282	13450.857	14748.886	8.67	10.029	74.345	1.005	14.703
8/13/2017 17:30	329400	128.682	20385	293.305	13439.931	14739.274	8.664	10.023	74.405	1.005	14.699
8/13/2017 17:45	330300	128.682	20387	293.306	13438.506	14737.013	8.663	10.021	74.413	1.005	14.696
8/13/2017 18:00	331200	128.691	20392	293.327	13431.71	14727.976	8.657	10.015	74.451	1.005	14.695
8/13/2017 18:15	332100	128.687	20401	293.317	13445.725	14740.571	8.665	10.024	74.373	1.005	14.693
8/13/2017 18:30	333000	128.699	20391	293.344	13443.424	14741.032	8.665	10.024	74.386	1.005	14.692
8/13/2017 18:45	333900	128.692	20395	293.329	13434.304	14730.013	8.658	10.016	74.436	1.005	14.69
8/13/2017 19:00	334800	128.702	20394	293.351	13441.778	14738.502	8.664	10.022	74.395	1.005	14.686
8/13/2017 19:15	335700	128.699	20402	293.345	13438.464	14731.777	8.659	10.018	74.413	1.005	14.683
8/13/2017 19:30	336600	128.692	204	293.328	13443.214	14738.115	8.663	10.022	74.387	1.005	14.686
8/13/2017 19:45	337500	128.694	20409	293.334	13438.509	14730.161	8.658	10.017	74.413	1.005	14.684
8/13/2017 20:00	338400	128.698	20392	293.343	13433.643	14730.01	8.658	10.016	74.44	1.005	14.687
8/13/2017 20:15	339300	128.674	20394	293.287	13442.068	14738.795	8.664	10.022	74.393	1.005	14.686
8/13/2017 20:30	340200	128.683	2039	293.309	13437.493	14734.988	8.661	10.02	74.419	1.005	14.687
8/13/2017 20:45	341100	128.683	20399	293.308	134340.757	14735.608	8.662	10.064	74.401	1.005	14.686
8/13/2017 21:00	342000	128.684	20393	293.311	13432.496	14728.485	8.657	10.015	74.446	1.005	14.689
8/13/2017 21:15	342900	128.671	20377	293.281	13439.116	14740.856	8.665	10.024	74.41	1.005	14.692
8/13/2017 21:30	343800	128.666	20385	293.27	13443.104	14742.671	8.666	10.025	74.388	1.005	14.696
8/13/2017 21:45	344700	128.651	20401	293.263	13426.417	14719.483	8.652	10.009	74.48	1.005	14.692
8/13/2017 22:00	345600	128.654	20398	293.243	13425.064	14718.943	8.651	10.009	74.488	1.005	14.697
8/13/2017 22:15	346500	128.626	20393	293.236	13431.618	14731.126	8.659	10.017	74.451	1.005	14.691
8/13/2017 22:30	347400	128.682	20399	293.307	13433.783	14728.204	8.657	10.015	74.439	1.005	14.692
8/13/2017 22:45	348300	128.669	20397	293.277	13422.57	14716.529	8.65	10.007	74.501	1.005	14.691
8/13/2017 23:00	349200	128.637	20389	293.204	13427.518	14724.424	8.655	10.013	74.474	1.005	14.701
8/13/2017 23:15	350100	128.628	20386	293.184	13421.276	14718.335	8.651	10.008	74.509	1.005	14.695
8/13/2017 23:30	351000	128.641	20383	293.214	13424.047	14722.258	8.653	10.011	74.493	1.005	14.693
8/13/2017 23:45	351900	128.629	20399	293.179	13420.527	14720.527	8.652	10.01	74.487	1.005	14.694
8/14/2017 0:00	352800	128.633	20389	293.194	13422.836	14719.238	8.651	10.009	74.5	1.005	14.697
8/14/2017 0:15	353700	128.624	20388	293.174	13415.614	14711.507	8.646	10.004	74.54	1.005	14.695
8/14/2017 0:30	354600	128.621	20395	293.166	13424.2	14718.824	8.651	10.009	74.492	1.005	14.696
8/14/2017 0:45	355500	128.649	20402	293.23	13416.671	14708.478	8.645	10.002	74.534	1.005	14.696
8/14/2017 1:00	356400	128.625	20392	293.177	13422.113	14717.505	8.65	10.008	74.504	1.005	14.694
8/14/2017 1:15	357300	128.626	20397	293.179	13426.313	14720.554	8.652	10.01	74.481	1.005	14.689
8/14/2017 1:30	358200	128.625	20389	293.176	13414.028	14709.632	8.645	10.003	74.549	1.005	14.694
8/14/2017 1:45	359100	128.656	20384	293.247	13418.816	14716.333	8.65	10.007	74.522	1.005	14.69
8/14/2017 2:00	360000	128.626	20393	293.179	13422.214	14717.211	8.65	10.008	74.503	1.005	14.694
8/14/2017 2:15	360900	128.633	20396	293.194	13420.855	14714.862	8.649	10.006	74.511	1.005	14.691
8/14/2017 2:30	361800	128.635	20394	293.2	13410.124	14703.714	8.642	9.999	74.571	1.005	14.688
8/14/2017 2:45	362700	128.646	20386	293.223	13410.272	14706.288	8.643	10	74.57	1.005	14.69
8/14/2017 3:00	363600	128.62	20407	293.267	13413.893	14703.931	8.642	9.999	74.55	1.005	14.695
8/14/2017 3:15	364500	128.682	20392	293.306	13410.349	14704.417	8.642	9.999	74.569	1.005	14.685
8/14/2017 3:30	365400	128.654	20386	293.242	13406.904	14702.545	8.641	9.998	74.588	1.005	14.688
8/14/2017 3:45	366300	128.662	20387	293.26	13415.174	14711.266	8.646	10.004	74.542	1.005	14.687
8/14/2017 4:00	367200	128.653	20386	293.239	13405.366	14701.016	8.64	9.997	74.597	1.005	14.699
8/14/2017 4:15	368100	128.666	20393	293.27	13406.566	14699.438	8.639	9.996	74.593	1.005	14.688
8/14/2017 4:30	369000	128.676	20402	293.292	13407.701	14698.535	8.638	9.995	74.584	1.005	14.684
8/14/2017 4:45	369900	128.69	20392	293.277	13416.104	14710.778	8.646	10.003	74.537	1.005	14.683
8/14/2017 5:00	370800	128.686	20404	293.316	13419.823	14711.182	8.646	10.004	74.517	1.005	14.683
8/14/2017 5:15	371700	128.689	20399	293.322	13416.646	14709.15	8.645	10.002	74.534	1.005	14.681
8/14/2017 5:30	372600	128.698	20395	293.343	13402.271	14694.89	8.636	9.993	74.614	1.005	14.684
8/14/2017 5:45	373500	128.688	20398	293.32	13414.282	14706.881	8.644	10.001	74.547	1.005	14.683
8/14/2017 6:00	374400	128.689	20393	293.323	13409.932	14705.087	8.642	9.999	74.572	1.005	14.685
8/14/2017 6:15	375300	128.699	20399	293.345	13410.046	14702.021	8.641	9.997	74.571	1.005	14.686
8/14/2017 6:30	376200	128.706	20396	293.361	13401.404	14693.456	8.635	9.992	74.619	1.005	14.68
8/14/2017 6:45	377100	128.704	20376	293.356	13401.218	14699.476	8.639	9.996	74.62	1.005	14.684
8/14/2017 7:00	378000	128.709	20389	293.367	13410.158	14705.15	8.642	10	74.57	1.005	14.684
8/14/2017 7:15	378900	128.7	204	293.347	13415.031	14707.323	8.644	10.001	74.543	1.005	14.685
8/14/2017 7:30	379800	128.709	20397	293.367	13405.336	14701.229	8.64	9.997	74.597	1.005	14.687
8/14/2017 7:45	380700	128.694	20395	293.334	13409.683	14702.962	8.641	9.998	74.573	1.005	14.692
8/14/2017 8:00	381600	128.695	20399	293.336	13407.957	14699.676	8.639	9.996	74.583	1.005	14.699
8/14/2017 8:15	382500	128.689	20392	293.322	13407.316	14701.279	8.64	9.997	74.586	1.005	14.697
8/14/2017 8:30	383400										

8/15/2017 16:30	498600	128.843	20.389	293.673	13290.095	14573.676	8.559	9.91	75.244	1.005	14.695
8/15/2017 16:45	499500	128.859	20.384	293.711	13269.132	14552.148	8.545	9.895	75.363	1.005	14.691
8/15/2017 17:00	500400	128.862	20.389	293.716	13282.529	14565.301	8.554	9.904	75.287	1.005	14.691
8/15/2017 17:15	501300	128.877	20.38	293.751	13270.433	14554.799	8.547	9.897	75.355	1.005	14.695
8/15/2017 17:30	502200	128.886	20.38	293.771	13272.338	14556.808	8.548	9.899	75.345	1.005	14.695
8/15/2017 17:45	503100	128.896	20.381	293.795	13280.969	14566.006	8.554	9.905	75.296	1.005	14.695
8/15/2017 18:00	504000	128.91	20.376	293.826	13276.183	14562.379	8.552	9.902	75.323	1.005	14.692
8/15/2017 18:15	504900	128.905	20.393	293.815	13270.822	14551.108	8.545	9.895	75.353	1.005	14.694
8/15/2017 18:30	505800	128.93	20.384	293.871	13276.038	14559.8	8.55	9.901	75.324	1.005	14.689
8/15/2017 18:45	506700	128.935	20.381	293.884	13279.078	14563.828	8.553	9.903	75.306	1.005	14.69
8/15/2017 19:00	507600	128.934	20.392	293.88	13274.323	14555.29	8.547	9.898	75.333	1.005	14.693
8/15/2017 19:15	508500	128.928	20.391	293.868	13269.751	14550.545	8.544	9.894	75.359	1.005	14.69
8/15/2017 19:30	509400	128.949	20.377	293.913	13278.604	14564.504	8.553	9.904	75.309	1.005	14.691
8/15/2017 19:45	510300	128.961	20.377	293.942	13272.048	14557.499	8.549	9.899	75.346	1.005	14.69
8/15/2017 20:00	511200	128.954	20.393	293.926	13283.229	14564.791	8.553	9.904	75.283	1.005	14.69
8/15/2017 20:15	512100	128.95	20.4	293.917	13284.691	14564.428	8.553	9.904	75.275	1.005	14.695
8/15/2017 20:30	513000	128.956	20.398	293.931	13269.917	14548.763	8.543	9.893	75.358	1.005	14.695
8/15/2017 20:45	513900	128.961	20.388	293.943	13272.655	14554.765	8.547	9.897	75.343	1.005	14.694
8/15/2017 21:00	514800	128.984	20.4	293.995	13270.793	14549.165	8.543	9.893	75.353	1.005	14.698
8/15/2017 21:15	515700	128.952	20.403	293.92	13268.996	14546.212	8.542	9.891	75.364	1.005	14.696
8/15/2017 21:30	516600	128.945	20.387	293.906	13269.627	14551.657	8.545	9.895	75.36	1.005	14.703
8/15/2017 21:45	517500	128.965	20.388	293.951	13266.104	14547.713	8.542	9.892	75.38	1.005	14.701
8/15/2017 22:00	518400	128.929	20.388	293.87	13258.59	14539.498	8.537	9.887	75.423	1.005	14.707
8/15/2017 22:15	519300	128.934	20.384	293.881	13266.923	14549.777	8.544	9.894	75.375	1.005	14.701
8/15/2017 22:30	520200	128.92	20.385	293.849	13259.817	14541.748	8.539	9.888	75.416	1.005	14.712
8/15/2017 22:45	521100	128.911	20.375	293.828	13262.555	14547.698	8.542	9.892	75.4	1.005	14.714
8/15/2017 23:00	522000	128.91	20.373	293.825	13237.669	14521.037	8.525	9.874	75.542	1.005	14.709
8/15/2017 23:15	522900	128.908	20.374	293.821	13234.495	14517.209	8.523	9.872	75.56	1.005	14.706
8/15/2017 23:30	523800	128.889	20.371	293.779	13236.02	14519.89	8.525	9.874	75.551	1.005	14.71
8/15/2017 23:45	524700	128.887	20.38	293.774	13240.278	14521.592	8.526	9.875	75.527	1.005	14.704
8/16/2017 0:00	525600	128.876	20.387	293.724	13252.49	14512.909	8.533	9.882	75.458	1.005	14.704
8/16/2017 0:15	526500	128.861	20.396	293.713	13242.984	14519.656	8.525	9.873	75.512	1.005	14.702
8/16/2017 0:30	527400	128.845	20.387	293.678	13247.574	14527.578	8.53	9.879	75.486	1.005	14.707
8/16/2017 0:45	528300	128.85	20.386	293.688	13247.8	14528.248	8.53	9.879	75.484	1.005	14.702
8/16/2017 1:00	529200	128.849	20.372	293.686	13239.003	14522.736	8.526	9.875	75.534	1.005	14.707
8/16/2017 1:15	530100	128.843	20.371	293.673	13241.538	14525.811	8.528	9.878	75.52	1.005	14.704
8/16/2017 1:30	531000	128.82	20.387	293.619	13246.327	14526.21	8.529	9.878	75.493	1.005	14.703
8/16/2017 1:45	531900	128.814	20.394	293.607	13250.332	14528.615	8.53	9.879	75.47	1.005	14.703
8/16/2017 2:00	532800	128.81	20.371	293.598	13234.618	14518.248	8.524	9.872	75.559	1.005	14.7
8/16/2017 2:15	533700	128.81	20.376	293.598	13231.395	14513.276	8.52	9.869	75.578	1.005	14.702
8/16/2017 2:30	534600	128.791	20.382	293.555	13232.846	14512.992	8.52	9.869	75.57	1.005	14.702
8/16/2017 2:45	535500	128.797	20.393	293.569	13233.082	14509.777	8.518	9.867	75.568	1.005	14.704
8/16/2017 3:00	536400	128.797	20.376	293.569	13238.408	14510.865	8.525	9.874	75.538	1.005	14.706
8/16/2017 3:15	537300	128.806	20.363	293.588	13224.892	14509.959	8.518	9.867	75.615	1.005	14.701
8/16/2017 3:30	538200	128.813	20.385	293.605	13214.512	14491.875	8.507	9.854	75.674	1.005	14.705
8/16/2017 3:45	539100	128.795	20.377	293.563	13225.776	14506.799	8.516	9.865	75.61	1.005	14.704
8/16/2017 4:00	540000	128.788	20.38	293.547	13219.858	14499.409	8.512	9.86	75.644	1.005	14.706
8/16/2017 4:15	540900	128.796	20.385	293.566	13232.96	14512.106	8.52	9.868	75.569	1.005	14.698
8/16/2017 4:30	541800	128.798	20.385	293.578	13230.813	14504.917	8.515	9.863	75.581	1.005	14.702
8/16/2017 4:45	542700	128.789	20.386	293.55	13226.593	14504.94	8.515	9.863	75.605	1.005	14.707
8/16/2017 5:00	543600	128.786	20.394	293.544	13231.778	14508.243	8.517	9.866	75.576	1.005	14.708
8/16/2017 5:15	544500	128.803	20.38	293.582	13234.797	14515.742	8.522	9.871	75.558	1.005	14.707
8/16/2017 5:30	545400	128.798	20.398	293.569	13231.04	14506.22	8.516	9.864	75.58	1.005	14.712
8/16/2017 5:45	546300	128.81	20.387	293.598	13231.612	14510.1	8.518	9.867	75.577	1.005	14.71
8/16/2017 6:00	547200	128.805	20.398	293.586	13234.549	14509.828	8.518	9.867	75.56	1.005	14.712
8/16/2017 6:15	548100	128.823	20.398	293.628	13227.913	14502.685	8.514	9.862	75.598	1.005	14.708
8/16/2017 6:30	549000	128.817	20.394	293.614	13230.8	14506.933	8.517	9.865	75.581	1.005	14.714
8/16/2017 6:45	549900	128.831	20.386	293.645	13230.731	14509.321	8.518	9.866	75.582	1.005	14.709
8/16/2017 7:00	550800	128.823	20.388	293.628	13229.042	14506.836	8.516	9.865	75.591	1.005	14.723
8/16/2017 7:15	551700	128.83	20.379	293.644	13227.744	14508.375	8.517	9.866	75.599	1.005	14.72
8/16/2017 7:30	552600	128.849	20.398	293.687	13237.856	14513.587	8.521	9.869	75.541	1.005	14.717
8/16/2017 7:45	553500	128.852	20.38	293.696	13239.479	14520.966	8.525	9.874	75.532	1.005	14.72
8/16/2017 8:00	554400	128.847	20.393	293.683	13235.971	14513.133	8.52	9.869	75.552	1.005	14.726
8/16/2017 8:15	555300	128.866	20.386	293.724	13231.84	14510.718	8.519	9.867	75.575	1.005	14.724
8/16/2017 8:30	556200	128.865	20.394	293.724	13239.484	14516.48	8.523	9.871	75.532	1.005	14.715
8/16/2017 8:45	557100	128.864	20.388	293.722	13243.306	14522.712	8.526	9.875	75.51	1.005	14.729
8/16/2017 9:00	558000	128.864	20.396	293.721	13236.883	14513.151	8.52	9.869	75.546	1.005	14.725
8/16/2017 9:15	558900	128.865	20.388	293.724	13221.917	14498.992	8.511	9.859	75.632	1.005	14.73
8/16/2017 9:30	559800	128.878	20.391	293.752	13225.796	14502.507	8.514	9.862	75.61	1.005	14.731
8/16/2017 9:45	560700	128.865	20.405	293.723	13230.707	14503.658	8.514	9.862	75.582	1.005	14.735
8/16/2017 10:00	561600	128.877	20.399	293.75	13231.163	14505.903	8.516	9.864	75.579	1.005	14.732
8/16/2017 10:15	562500	128.879	20.388	293.756	13220.194	14497.159	8.51	9.858	75.642	1.005	14.732
8/16/2017 10:30	563400	128.891	20.38	293.783	13226.354	14506.321	8.516	9.864	75.607	1.005	14.728
8/16/2017 10:45	564300	128.882	20.398	293.761	13231.557	14515.572	8.516	9.864	75.577	1.005	14.732
8/16/2017 11:00	565200	128.874	20.395	293.744	13234.464	14510.66	8.519	9.867	75.56	1.005	14.736
8/16/2017 11:15	566100	128.878	20.396	293.753	13238.758	14515.314	8.522	9.87	75.536	1.005	14.738
8/16/2017 11:30	567000	128.918	20.392	293.843	13226.447	14502.851	8.514	9.862	75.606	1.005	14.732
8/16/2017 11:45	567900	128.878	20.39	293.752	13241.246	14519.792	8.525	9.873	75.522	1.005	14.734
8/16/2017 12:00	568800	128.882	20.389	293.763	13233.333	14511.433	8.519	9.868	75.567	1.005	14.729
8/16/2017 12:15	569700	128.884	20.393	293.827	13239.496	14514.589	8.523	9.872	75.527	1.005	14.73
8/16/2017 12:30	570600	128.874	20.389	293.744	13236.991	14515.235	8.522	9.87	75.546	1.005	14.728
8/16/2017 12:45	571500	128.887	20.388	293.772	13237.896	14516.78	8.523	9.871	75.541	1.005	14.728
8/16/2017 13:00	572400	128.916	20.396	293.838	13239.979	14516.469	8.523	9.871	75.529	1.005	14.724
8/16/2017 13:15	573300	128									

Report Date: 8/18/2017 9:04
Report User Name: WMassoll
Report Computer Name: WKST52
Application: WinSitu.exe
Application Version: 5.6.27.1

Log File Properties
File Name: MPWSP MW-8M_2017-08-17_12-17-05-225.wsl
Create Date: 8/17/2017 12:16

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: 25
Temperature Coefficient: 0.0191
TDS Factor: 0.68

Log Notes:
Date and Time Note
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: 11% Used Memory: 3% User Name: SKuiper
10/27/2016 17:45 Log Download - Used Battery: 11% Used Memory: 3% User Name: SKuiper Interval - Start Time: 10/27/2016 5:00:00 PM Stop Time: 10/27/2016 6:30:00 PM
11/3/2016 15:41 Log Download - Used Battery: 12% Used Memory: 3% User Name: SKuiper Interval - Start Time: 9/30/2016 5:00:00 PM Stop Time: 11/3/2016 4:30:00 PM
11/11/2016 8:26 Log Download - Used Battery: 12% Used Memory: 4% User Name: SKuiper Interval - Start Time: 11/2/2016 10:00:00 PM Stop Time: 11/11/2016 8:15:00 AM
11/17/2016 15:03 Log Download - Used Battery: 13% Used Memory: 4% User Name: SKuiper Interval - Start Time: 11/9/2016 10:00:00 PM Stop Time: 11/17/2016 3:00:00 PM
11/24/2016 12:31 Log Download - Used Battery: 13% Used Memory: 6% User Name: SKuiper Interval - Start Time: 11/15/2016 10:00:00 PM Stop Time: 11/24/2016 1:15:00 PM
12/2/2016 7:59 Log Download - Used Battery: 13% Used Memory: 6% User Name: SKuiper Interval - Start Time: 10/31/2016 10:00:00 PM Stop Time: 12/2/2016 7:45:00 AM
12/9/2016 9:30 Log Download - Used Battery: 14% Used Memory: 7% 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 15:22 Log Download - Used Battery: 14% Used Memory: 7% 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 12:06 Log Download - Used Battery: 14% Used Memory: 9% 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 10:16 Log Download - Used Battery: 15% Used Memory: 10% User Name: SKuiper Interval - Start Time: 11/30/2016 10:00:00 PM Stop Time: 1/5/2017 11:00:00 AM
1/12/2017 10:00 Log Download - Used Battery: 15% Used Memory: 10% 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 12:44 Log Download - Used Battery: 16% Used Memory: 12% 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 9:53 Log Download - Used Battery: 16% Used Memory: 12% User Name: SKuiper Interval - Start Time: 1/18/2017 10:00:00 PM Stop Time: 1/26/2017 11:30:00 AM
2/2/2017 15:44 Log Download - Used Battery: 16% Used Memory: 14% User Name: WMassoll Interval - Start Time: 12/31/2016 10:00:00 PM Stop Time: 2/2/2017 4:30:00 PM
2/9/2017 11:58 Log Download - Used Battery: 17% Used Memory: 14% 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 11:58 Log Download - Used Battery: 17% Used Memory: 15% User Name: WMassoll Interval - Start Time: 2/8/2017 10:00:00 PM Stop Time: 2/16/2017 12:45:00 PM
2/23/2017 14:07 Log Download - Used Battery: 18% Used Memory: 15% 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 16:01 Log Download - Used Battery: 18% Used Memory: 17% User Name: SKuiper Interval - Start Time: 12/31/2016 10:00:00 PM Stop Time: 3/2/2017 4:00:00 PM
3/9/2017 12:15 Log Download - Used Battery: 18% Used Memory: 17% 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 16:08 Log Download - Used Battery: 19% Used Memory: 18% 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 14:19 Log Download - Used Battery: 19% Used Memory: 18% 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 12:30 Log Download - Used Battery: 19% Used Memory: 20% 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 13:04 Log Download - Used Battery: 20% Used Memory: 21% User Name: WMassoll Interval - Start Time: 2/28/2017 12:00:00 PM Stop Time: 4/6/2017 1:00:00 PM
4/13/2017 11:12 Log Download - Used Battery: 20% Used Memory: 21% 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 11:34 Log Download - Used Battery: 20% Used Memory: 23% User Name: AVanHaitsma Interval - Start Time: 4/12/2017 10:00:00 PM Stop Time: 4/20/2017 12:30:00 PM
4/27/2017 12:03 Log Download - Used Battery: 21% Used Memory: 23% 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 11:59 Log Download - Used Battery: 21% Used Memory: 25% 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 11:05 Log Download - Used Battery: 21% Used Memory: 25% User Name: AVanHaitsma Interval - Start Time: 5/3/2017 10:00:00 PM Stop Time: 5/11/2017 12:00:00 PM
5/18/2017 17:48 Log Download - Used Battery: 22% Used Memory: 26% User Name: WMassoll Interval - Start Time: 5/10/2017 10:00:00 PM Stop Time: 5/18/2017 6:45:00 PM
5/25/2017 10:46 Log Download - Used Battery: 22% Used Memory: 26% User Name: AVanHaitsma Interval - Start Time: 5/17/2017 10:00:00 PM Stop Time: 5/25/2017 10:45:00 AM
6/1/2017 17:11 Log Download - Used Battery: 23% Used Memory: 28% User Name: WMassoll Interval - Start Time: 4/30/2017 10:00:00 PM Stop Time: 6/1/2017 6:00:00 PM
6/8/2017 11:54 Log Download - Used Battery: 23% Used Memory: 28% User Name: WMassoll Interval - Start Time: 5/31/2017 10:00:00 PM Stop Time: 6/8/2017 12:45:00 PM
6/15/2017 14:45 Log Download - Used Battery: 23% Used Memory: 29% User Name: AVanHaitsma Interval - Start Time: 6/7/2017 10:00:00 PM Stop Time: 6/15/2017 3:45:00 PM
6/22/2017 8:11 Log Download - Used Battery: 24% Used Memory: 29% User Name: AVanHaitsma Interval - Start Time: 6/14/2017 10:00:00 PM Stop Time: 6/22/2017 9:00:00 AM
6/29/2017 15:11 Log Download - Used Battery: 24% Used Memory: 31% User Name: WMassoll Interval - Start Time: 6/21/2017 10:00:00 PM Stop Time: 6/29/2017 4:00:00 PM
7/6/2017 7:45 Log Download - Used Battery: 24% Used Memory: 31% User Name: AVanHaitsma Interval - Start Time: 5/31/2017 10:00:00 PM Stop Time: 7/6/2017 8:45:00 AM
7/13/2017 13:33 Log Download - Used Battery: 25% Used Memory: 32% User Name: WMassoll Interval - Start Time: 7/5/2017 10:00:00 PM Stop Time: 7/13/2017 2:30:00 PM
7/20/2017 11:15 Log Download - Used Battery: 25% Used Memory: 32% User Name: WMassoll Interval - Start Time: 7/12/2017 10:00:00 PM Stop Time: 7/20/2017 11:15:00 AM
7/27/2017 10:29 Log Download - Used Battery: 26% Used Memory: 34% User Name: AVanHaitsma Interval - Start Time: 7/19/2017 10:00:00 PM Stop Time: 7/27/2017 11:15:00 AM
8/3/2017 11:03 Log Download - Used Battery: 26% Used Memory: 34% User Name: AVanHaitsma Interval - Start Time: 6/30/2017 10:00:00 PM Stop Time: 8/3/2017 12:00:00 PM
8/10/2017 11:18 Log Download - Used Battery: 26% Used Memory: 35% User Name: WMassoll Interval - Start Time: 8/2/2017 10:00:00 PM Stop Time: 8/10/2017 11:15:00 AM
8/17/2017 12:17 Log Download - Used Battery: 27% Used Memory: 35% User Name: AVanHaitsma Interval - Start Time: 8/9/2017 10:00:00 PM Stop Time: 8/17/2017 1:15:00 PM

Log Data:
Record Count: 730
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/cm)	SN#: 410756 Specific Conductivity (µS/cm)	SN#: 410756 Salinity (PSU)	SN#: 410756 Total Dissolved Solids (ppt)	SN#: 410756 Resistivity (ohm-cm)	SN#: 410756 Water Density (g/cm3)	
8/10/2017 0:00		7200	69.809	17.348	157.251	40880.023	47877.094	31.377	32.556	24.462	1.023
8/10/2017 0:15		8100	69.827	17.35	157.292	40909.633	47910.184	31.402	32.579	24.444	1.023
8/10/2017 0:30		9000	69.826	17.339	157.289	40856.238	47859.438	31.364	32.544	24.476	1.023
8/10/2017 0:45		9900	69.834	17.344	157.308	40837.742	47831.969	31.344	32.526	24.487	1.023
8/10/2017 1:00		10800	69.834	17.349	157.308	40929.895	47935.125	31.42	32.596	24.432	1.023
8/10/2017 1:15		11700	69.847	17.343	157.338	40864.746	47864.535	31.368	32.548	24.471	1.023
8/10/2017 1:30		12600	69.846	17.338	157.335	40903.57	47916.176	31.405	32.583	24.448	1.023
8/10/2017 1:45		13500	69.847	17.352	157.337	40920.117	47919.648	31.409	32.585	24.438	1.023
8/10/2017 2:00		14400	69.85	17.343	157.344	40856.855	47856.125	31.362	32.542	24.476	1.023
8/10/2017 2:15		15300	69.851	17.341	157.347	40887.273	47893.258	31.389	32.567	24.457	1.023
8/10/2017 2:30		16200	69.85	17.338	157.344	40896.246	47906.949	31.399	32.577	24.452	1.023
8/10/2017 2:45		17100	69.851	17.346	157.347	40892.262	47893.855	31.389	32.568	24.455	1.023
8/10/2017 3:00		18000	69.851	17.343	157.347	40907.629	47915.223	31.405	32.582	24.445	1.023
8/10/2017 3:15		18900	69.85	17.342	157.343	40898.473	47905.438	31.398	32.576	24.451	1.023
8/10/2017 3:30		19800	69.836	17.349	157.313	40931.465	47936.309	31.421	32.597	24.431	1.023
8/10/2017 3:45		20700	69.844	17.337	157.33	40849.68	47854.074	31.36	32.541	24.48	1.023
8/10/2017 4:00		21600	69.83	17.344	157.299	40904.688	47911.133	31.402	32.58	24.447	1.023
8/10/2017 4:15		22500	69.806	17.339	157.244	40843.285	47844.445	31.353	32.534	24.484	1.023
8/10/2017 4:30		23400	69.818	17.351	157.273	40933.328	47936.242	31.421	32.597	24.43	1.023
8/10/2017 4:45		24300	69.809	17.341	157.251	40876.75	47880.934	31.38	32.559	24.464	1.023
8/10/2017 5:00		25200	69.795	17.347	157.22	40841.098	47833.281	31.345	32.527	24.485	1.023
8/10/2017 5:15		26100	69.788	17.356	157.204	40938.762	47937.18	31.422	32.597	24.427	1.023
8/10/2017 5:30		27000	69.78	17.349	157.187	40893.332	47891.926	31.388	32.567	24.454	1.023
8/10/2017 5:45		27900	69.771	17.346	157.165	40906.75	47910.445	31.402	32.579	24.446	1.023
8/10/2017 6:00		28800	69.761	17.348	157.144	40916.156	47920.254	31.409	32.586	24.44	1.023
8/10/2017 6:15		29700	69.75	17.346	157.119	40855.734	47850.695	31.358	32.538	24.476	1.023
8/10/2017 6:30		30600	69.742	17.349	157.101	40859.836	47852.609	31.359	32.54	24.474	1.023
8/10/2017 6:45		31500	69.731	17.346	157.076	40889.59	47890.914	31.387	32.566	24.456	1.023
8/10/2017 7:00		32400	69.719	17.345	157.049	40869.02	47868.133	31.371	32.55	24.468	1.023
8/10/2017 7:15		33300	69.718	17.342	157.046	40903.215	47910.992	31.402	32.579	24.448	1.023
8/10/2017 7:30		34200	69.709	17.351	157.026	40853.988	47843.801	31.353	32.534	24.477	1.023
8/10/2017 7:45		35100	69.692	17.346	156.988	40879.762	47879.023	31.379	32.558	24.462	1.023
8/10/2017 8:00		36000	69.688	17.346	156.98	40895.523	47898.148	31.393	32.571	24.453	1.023
8/10/2017 8:15		36900	69.676	17.344	156.952	40900.629	47905.625	31.398	32.576	24.45	1.023
8/10/2017 8:30		37800	69.669	17.349	156.936	40829.672	47817.285	31.334	32.516	24.492	1.023
8/10/2017 8:45		38700	69.654	17.342	156.902	40834.633	47830.66	31.343	32.525	24.489	1.023
8/10/2017 9:00		39600	69.66	17.349	156.916	40912.621	47914.992	31.405	32.582	24.442	1.023
8/10/2017 9:15		40500	69.657	17.357	156.91	40839.504	47820.582	31.336	32.518	24.486	1.023
8/10/2017 9:30		41400	69.651	17.34	156.896	40886.41	47894.031	31.389	32.568	24.458	1.023
8/10/2017 9:45		42300	69.654	17.346	156.902	40906.27	47910.07	31.401	32.579	24.446	1.023
8/10/2017 10:00		43200	69.642	17.347	156.875	40866.547	47863.09	31.367	32.547	24.47	1.023
8/10/2017 10:15		44100	69.654	17.349	156.902	40890.156	47887.84	31.385	32.564	24.456	1.023
8/10/2017 10:30		45000	69.656	17.342	156.907	40939.684	47953.977	31.433	32.609	24.426	1.023
8/10/2017 10:45		45900	69.65	17.35	156.893	40831.563	47818.844	31.335	32.517	24.491	1.023
8/10/2017 11:00		46800	69.665	17.35	156.926	40865.984	47859.156	31.364	32.544	24.47	1.023
8/10/2017 11:15		47700	69.66	17.348	156.916	40880.41	47878.289	31.378	32.557	24.462	1.023
8/10/2017 11:30		48600	69.653	17.345	156.901	41118.371	48159.434	31.584	32.748	24.32	1.023
8/10/2017 11:45		49500	69.666	17.344	156.929	41058.176	48090.156	31.533	32.701	24.356	1.023
8/10/2017 12:00		50400	69.674	17.352	156.947	41000.59	48014.355	31.478	32.65	24.39	1.023
8/10/2017 12:15		51300	69.675	17.348	156.951	40928.379	47934.281	31.419	32.595	24.433	1.023
8/10/2017 12:30		52200	69.685	17.351	156.973	40960.172	47967.773	31.444	32.618	24.414	1.023
8/10/2017 12:45		53100	69.694	17.345	156.993	40962.215	47976.449	31.45	32.624	24.413	1.023
8/10/2017 13:00		54000	69.695	17.36	156.995	40937.215	47932	31.418	32.594	24.428	1.023
8/10/2017 13:15		54900	69.703	17.341	157.013	40867.801	47870.637	31.372	32.552	24.469	1.023
8/10/2017 13:30		55800	69.714	17.349	157.039	40867.375	47861.813	31.366	32.546	24.469	1.023
8/10/2017 13:45		56700	69.714	17.346	157.038	40900.887	47903.875	31.397	32.575	24.449	1.023
8/10/2017 14:00		57600	69.717	17.349	157.044	40874.367	47869.629	31.372	32.551	24.465	1.023
8/10/2017 14:15		58500	69.716	17.347	157.041	40878.398	47876.41	31.377	32.556	24.463	1.023
8/10/2017 14:30		59400	69.728	17.349	157.068	40914.324	47916.609	31.406	32.583	24.441	1.023
8/10/2017 14:45		60300	69.731	17.347	157.076	40897.398	47898.473	31.393	32.571	24.451	1.023
8/10/2017 15:00		61200	69.74	17.34	157.096	40843.074	47842.328	31.351	32.533	24.484	1.023

8/10/2017 15:15	62100	69.739	17.34	157.093	40917.063	47929.648	31.415	32.592	24.44	1.023
8/10/2017 15:30	63000	69.743	17.349	157.104	40918.367	47921.348	31.41	32.587	24.439	1.023
8/10/2017 15:45	63900	69.742	17.343	157.101	40902.16	47909.004	31.4	32.578	24.449	1.023
8/10/2017 16:00	64800	69.748	17.344	157.114	40887.594	47890.453	31.387	32.566	24.457	1.023
8/10/2017 16:15	65700	69.744	17.352	157.105	40834.367	47819.508	31.335	32.517	24.489	1.023
8/10/2017 16:30	66600	69.741	17.35	157.099	40861.055	47853.293	31.36	32.54	24.473	1.023
8/10/2017 16:45	67500	69.738	17.345	157.091	40822.84	47814.145	31.331	32.514	24.496	1.023
8/10/2017 17:00	68400	69.738	17.355	157.091	40825.746	47806.238	31.326	32.508	24.494	1.023
8/10/2017 17:15	69300	69.741	17.342	157.099	40891.773	47898.152	31.392	32.571	24.455	1.023
8/10/2017 17:30	70200	69.732	17.346	157.079	40894.66	47896.957	31.392	32.57	24.453	1.023
8/10/2017 17:45	71100	69.727	17.349	157.067	40809.859	47794.168	31.317	32.5	24.504	1.023
8/10/2017 18:00	72000	69.726	17.346	157.064	40901.473	47904.453	31.397	32.575	24.449	1.023
8/10/2017 18:15	72900	69.726	17.347	157.064	40818.461	47806.957	31.326	32.509	24.499	1.023
8/10/2017 18:30	73800	69.726	17.354	157.064	40880.199	47871.785	31.374	32.553	24.462	1.023
8/10/2017 18:45	74700	69.721	17.346	157.054	40924.473	47931.203	31.417	32.593	24.435	1.023
8/10/2017 19:00	75600	69.712	17.346	157.033	40810.102	47797.355	31.319	32.502	24.504	1.023
8/10/2017 19:15	76500	69.714	17.35	157.039	40948.48	47955.582	31.435	32.61	24.421	1.023
8/10/2017 19:30	77400	69.707	17.353	157.022	40894.461	47889.316	31.386	32.565	24.453	1.023
8/10/2017 19:45	78300	69.708	17.351	157.024	40898.664	47895.832	31.391	32.569	24.451	1.023
8/10/2017 20:00	79200	69.709	17.344	157.027	40834.867	47828.879	31.342	32.524	24.489	1.023
8/10/2017 20:15	80100	69.706	17.344	157.02	40968.086	47985.391	31.456	32.63	24.409	1.023
8/10/2017 20:30	81000	69.706	17.348	157.019	40870.379	47865.707	31.369	32.549	24.468	1.023
8/10/2017 20:45	81900	69.701	17.343	157.008	40876.418	47878.473	31.378	32.557	24.464	1.023
8/10/2017 21:00	82800	69.701	17.349	157.008	40861.859	47855.258	31.361	32.542	24.473	1.023
8/10/2017 21:15	83700	69.704	17.345	157.014	40876.91	47877.098	31.377	32.556	24.464	1.023
8/10/2017 21:30	84600	69.714	17.349	157.039	40859.031	47852.32	31.359	32.54	24.474	1.023
8/10/2017 21:45	85500	69.714	17.345	157.039	40903.602	47908.637	31.4	32.578	24.448	1.023
8/10/2017 22:00	86400	69.718	17.348	157.046	40869.047	47864.793	31.368	32.548	24.468	1.023
8/10/2017 22:15	87300	69.719	17.334	157.049	40867.879	47878.59	31.378	32.557	24.469	1.023
8/10/2017 22:30	88200	69.721	17.343	157.053	40826.586	47820.398	31.336	32.518	24.494	1.023
8/10/2017 22:45	89100	69.719	17.346	157.049	40839.133	47831.734	31.344	32.526	24.486	1.023
8/10/2017 23:00	90000	69.719	17.358	157.049	40898.602	47888.938	31.386	32.564	24.451	1.023
8/10/2017 23:15	90900	69.723	17.347	157.059	40824.965	47813.539	31.331	32.513	24.495	1.023
8/10/2017 23:30	91800	69.739	17.344	157.093	40871.207	47871.074	31.373	32.552	24.467	1.023
8/10/2017 23:45	92700	69.732	17.35	157.079	40887.219	47884.121	31.382	32.561	24.458	1.023
8/11/2017 0:00	93600	69.74	17.342	157.097	40849.75	47848.262	31.356	32.537	24.48	1.023
8/11/2017 0:15	94500	69.752	17.35	157.123	40841.688	47830.137	31.343	32.524	24.485	1.023
8/11/2017 0:30	95400	69.75	17.355	157.119	40870.066	47858.059	31.364	32.543	24.468	1.023
8/11/2017 0:45	96300	69.762	17.355	157.145	40877.375	47867.074	31.37	32.55	24.463	1.023
8/11/2017 1:00	97200	69.767	17.348	157.157	40904.773	47905.988	31.398	32.576	24.447	1.023
8/11/2017 1:15	98100	69.77	17.351	157.165	40882.184	47877.098	31.377	32.556	24.461	1.023
8/11/2017 1:30	99000	69.773	17.35	157.17	40802.371	47784.285	31.31	32.493	24.508	1.023
8/11/2017 1:45	99900	69.778	17.357	157.181	40922.461	47917.242	31.407	32.584	24.436	1.023
8/11/2017 2:00	100800	69.784	17.348	157.196	40805.637	47790.25	31.314	32.497	24.506	1.023
8/11/2017 2:15	101700	69.785	17.344	157.199	40851.992	47849.121	31.357	32.537	24.479	1.023
8/11/2017 2:30	102600	69.795	17.347	157.22	40890.012	47890.277	31.387	32.565	24.456	1.023
8/11/2017 2:45	103500	69.803	17.341	157.237	40866.434	47869.313	31.371	32.551	24.47	1.023
8/11/2017 3:00	104400	69.793	17.345	157.215	40821.633	47812.07	31.33	32.512	24.497	1.023
8/11/2017 3:15	105300	69.792	17.346	157.212	40832.203	47823.324	31.338	32.52	24.49	1.023
8/11/2017 3:30	106200	69.79	17.338	157.208	40904.672	47916.82	31.406	32.583	24.447	1.023
8/11/2017 3:45	107100	69.789	17.355	157.206	40868.121	47856.426	31.363	32.542	24.469	1.023
8/11/2017 4:00	108000	69.792	17.349	157.212	40867.191	47861.875	31.366	32.546	24.47	1.023
8/11/2017 4:15	108900	69.78	17.347	157.187	40914.363	47918.43	31.407	32.585	24.441	1.023
8/11/2017 4:30	109800	69.772	17.344	157.168	40796.816	47783.941	31.309	32.493	24.512	1.023
8/11/2017 4:45	110700	69.772	17.345	157.168	40869.895	47869.258	31.371	32.551	24.468	1.023
8/11/2017 5:00	111600	69.772	17.343	157.168	40916.578	47926.078	31.413	32.59	24.44	1.023
8/11/2017 5:15	112500	69.762	17.345	157.145	40905.996	47911.254	31.402	32.58	24.446	1.023
8/11/2017 5:30	113400	69.75	17.344	157.118	40851.418	47848.262	31.356	32.537	24.479	1.023
8/11/2017 5:45	114300	69.746	17.35	157.11	40887.258	47884.07	31.382	32.561	24.457	1.023
8/11/2017 6:00	115200	69.739	17.349	157.093	40911.484	47913.66	31.404	32.581	24.443	1.023
8/11/2017 6:15	116100	69.735	17.355	157.085	40839.445	47822.469	31.338	32.519	24.486	1.023
8/11/2017 6:30	117000	69.724	17.35	157.059	40827.527	47813.656	31.331	32.513	24.493	1.023
8/11/2017 6:45	117900	69.719	17.347	157.049	40855.543	47850.387	31.358	32.538	24.476	1.023
8/11/2017 7:00	118800	69.709	17.349	157.026	40860.262	47853.195	31.36	32.54	24.474	1.023
8/11/2017 7:15	119700	69.702	17.355	157.011	40894.137	47886.512	31.385	32.563	24.453	1.023
8/11/2017 7:30	120600	69.69	17.347	156.984	40854.613	47849.004	31.357	32.537	24.477	1.023
8/11/2017 7:45	121500	69.683	17.348	156.968	40833.652	47822.973	31.338	32.52	24.49	1.023
8/11/2017 8:00	122400	69.674	17.346	156.948	40854.855	47850.34	31.358	32.538	24.477	1.023
8/11/2017 8:15	123300	69.653	17.35	156.901	40820.547	47806.129	31.326	32.508	24.497	1.023
8/11/2017 8:30	124200	69.657	17.349	156.909	40908.367	47909.168	31.401	32.578	24.445	1.023
8/11/2017 8:45	125100	69.657	17.352	156.91	40868.137	47859.34	31.365	32.544	24.469	1.023
8/11/2017 9:00	126000	69.654	17.348	156.902	40851.656	47843.777	31.353	32.534	24.479	1.023
8/11/2017 9:15	126900	69.648	17.344	156.889	40830.215	47823.801	31.338	32.52	24.492	1.023
8/11/2017 9:30	127800	69.633	17.351	156.856	40808.887	47790.418	31.314	32.497	24.504	1.023
8/11/2017 9:45	128700	69.635	17.356	156.86	40878.457	47867.402	31.371	32.55	24.463	1.023
8/11/2017 10:00	129600	69.626	17.349	156.839	40866.449	47860.441	31.365	32.545	24.47	1.023
8/11/2017 10:15	130500	69.642	17.347	156.875	40905.883	47908.598	31.4	32.578	24.446	1.023
8/11/2017 10:30	131400	69.638	17.349	156.867	40855.973	47848.461	31.356	32.537	24.476	1.023
8/11/2017 10:45	132300	69.634	17.343	156.858	40817.313	47809.164	31.327	32.51	24.499	1.023
8/11/2017 11:00	133200	69.635	17.35	156.86	40879.496	47874.414	31.375	32.555	24.462	1.023
8/11/2017 11:15	134100	69.642	17.346	156.875	40831.734	47823.523	31.338	32.52	24.491	1.023
8/11/2017 11:30	135000	69.64	17.345	156.871	40810.84	47799.34	31.32	32.504	24.503	1.023
8/11/2017 11:45	135900	69.646	17.349	156.884	40828.711	47816.246	31.333	32.515	24.493	1.023
8/11/2017 12:00	136800	69.646	17.343	156.885	40861.582	47861.473	31.366	32.546	24.473	1.023
8/11/2017 12:15	137700	69.657	17.345	156.91	40828	47820	31.335	32.518	24.493	1.023
8/11/2017 12:30	138600	69.67	17.345	156.938	40796.238	47782.887	31.308	32.492	24.512	1.023
8/11/2017 12:45	139500	69.66	17.344	156.916	40890.164	47894.121	31.389	32.568	24.456	1.023
8/11/2017 13:00	140400	69.675	17.354	156.951	40864.703	47852.797	31.36	32.54	24.471	1.023
8/11/2017 13:15	141300	69.68	17.339	156.96	40833.133	47832.371	31.344	32.526	24.49	1.023
8/11/2017 13:30	142200	69.683	17.346	156.969	40847.125					

8/12/2017 11:45	222300	69.626	17.355	156.839	40878.418	47868.391	31.371	32.551	24.463	1.023
8/12/2017 12:00	223200	69.64	17.346	156.87	40814.703	47802.641	31.323	32.506	24.501	1.023
8/12/2017 12:15	224100	69.642	17.341	156.875	40809.531	47802.473	31.322	32.506	24.504	1.023
8/12/2017 12:30	225000	69.65	17.351	156.894	40814.652	47798.012	31.32	32.503	24.501	1.023
8/12/2017 12:45	225900	69.651	17.355	156.895	40841.809	47825.336	31.34	32.521	24.485	1.023
8/12/2017 13:00	226800	69.658	17.347	156.911	40913.477	47917.203	31.407	32.584	24.442	1.023
8/12/2017 13:15	227700	69.66	17.34	156.916	40877.66	47883.117	31.381	32.561	24.463	1.023
8/12/2017 13:30	228600	69.671	17.345	156.941	40852.418	47848.316	31.356	32.537	24.478	1.023
8/12/2017 13:45	229500	69.681	17.345	156.963	40790.617	47775.555	31.303	32.487	24.515	1.023
8/12/2017 14:00	230400	69.69	17.35	156.984	40858.125	47849.863	31.357	32.538	24.475	1.023
8/12/2017 14:15	231300	69.687	17.341	156.977	40884.129	47889.574	31.386	32.565	24.459	1.023
8/12/2017 14:30	232200	69.702	17.351	157.011	40835.559	47822.594	31.338	32.519	24.488	1.023
8/12/2017 14:45	233100	69.706	17.345	157.02	40872.25	47871.918	31.373	32.553	24.466	1.023
8/12/2017 15:00	234000	69.712	17.347	157.033	40878.383	47876.578	31.377	32.556	24.463	1.023
8/12/2017 15:15	234900	69.717	17.348	157.044	40839.688	47830.043	31.343	32.524	24.486	1.023
8/12/2017 15:30	235800	69.727	17.353	157.066	40891.734	47885.75	31.384	32.562	24.455	1.023
8/12/2017 15:45	236700	69.734	17.348	157.083	40809.926	47794.906	31.317	32.501	24.504	1.023
8/12/2017 16:00	237600	69.742	17.344	157.101	40811.09	47800.559	31.321	32.504	24.503	1.023
8/12/2017 16:15	238500	69.745	17.35	157.107	40791.719	47771.809	31.3	32.485	24.515	1.023
8/12/2017 16:30	239400	69.744	17.349	157.105	40823.066	47809.449	31.328	32.51	24.496	1.023
8/12/2017 16:45	240300	69.746	17.348	157.11	40831.074	47820.508	31.336	32.518	24.491	1.023
8/12/2017 17:00	241200	69.747	17.35	157.112	40825.141	47811.422	31.329	32.512	24.495	1.023
8/12/2017 17:15	242100	69.75	17.346	157.119	40825.68	47816.059	31.333	32.515	24.494	1.023
8/12/2017 17:30	243000	69.75	17.345	157.119	40842.09	47836.129	31.347	32.529	24.485	1.023
8/12/2017 17:45	243900	69.757	17.344	157.134	40844.477	47839.664	31.35	32.531	24.483	1.023
8/12/2017 18:00	244800	69.75	17.356	157.119	40840.566	47822.469	31.338	32.519	24.485	1.023
8/12/2017 18:15	245700	69.75	17.346	157.119	40839.141	47831.555	31.344	32.525	24.486	1.023
8/12/2017 18:30	246600	69.744	17.348	157.106	40823.93	47812.141	31.33	32.512	24.495	1.023
8/12/2017 18:45	247500	69.741	17.343	157.098	40956.195	47972.023	31.446	32.621	24.416	1.023
8/12/2017 19:00	248400	69.739	17.347	157.095	40818.695	47807.047	31.326	32.509	24.499	1.023
8/12/2017 19:15	249300	69.732	17.347	157.079	40909.094	47912.734	31.403	32.581	24.444	1.023
8/12/2017 19:30	250200	69.737	17.35	157.09	40865.586	47858.035	31.363	32.543	24.47	1.023
8/12/2017 19:45	251100	69.726	17.343	157.065	40791.637	47779.359	31.306	32.49	24.515	1.023
8/12/2017 20:00	252000	69.715	17.343	157.041	40842.551	47838.539	31.349	32.53	24.484	1.023
8/12/2017 20:15	252900	69.719	17.347	157.049	40815.926	47803.141	31.323	32.506	24.5	1.023
8/12/2017 20:30	253800	69.707	17.341	157.023	40825.656	47821.172	31.336	32.518	24.494	1.023
8/12/2017 20:45	254700	69.708	17.347	157.023	40852.922	47846.758	31.355	32.536	24.478	1.023
8/12/2017 21:00	255600	69.706	17.346	157.02	40865.594	47862.809	31.367	32.547	24.47	1.023
8/12/2017 21:15	256500	69.703	17.343	157.013	40839.613	47835.098	31.346	32.528	24.486	1.023
8/12/2017 21:30	257400	69.696	17.352	156.997	40849.582	47837.141	31.348	32.529	24.48	1.023
8/12/2017 21:45	258300	69.687	17.35	156.977	40797.602	47778.793	31.306	32.49	24.511	1.023
8/12/2017 22:00	259200	69.69	17.342	156.985	40865.066	47866.199	31.369	32.549	24.471	1.023
8/12/2017 22:15	260100	69.688	17.353	156.98	40826.309	47809.32	31.328	32.51	24.494	1.023
8/12/2017 22:30	261000	69.68	17.343	156.96	40845.961	47843.094	31.352	32.533	24.482	1.023
8/12/2017 22:45	261900	69.681	17.347	156.963	40873.105	47870.211	31.372	32.552	24.466	1.023
8/12/2017 23:00	262800	69.68	17.347	156.962	40850.68	47844.59	31.353	32.534	24.479	1.023
8/12/2017 23:15	263700	69.66	17.342	156.916	40848.125	47846.09	31.354	32.535	24.481	1.023
8/12/2017 23:30	264600	69.675	17.352	156.95	40799.621	47779.105	31.306	32.49	24.51	1.023
8/12/2017 23:45	265500	69.675	17.349	156.951	40803.32	47786.324	31.311	32.495	24.508	1.023
8/13/2017 0:00	266400	69.677	17.346	156.954	40838.656	47831.176	31.344	32.525	24.487	1.023
8/13/2017 0:15	267300	69.677	17.341	156.953	40851.563	47851.984	31.358	32.539	24.479	1.023
8/13/2017 0:30	268200	69.68	17.344	156.961	40844.738	47840.914	31.351	32.532	24.483	1.023
8/13/2017 0:45	269100	69.68	17.342	156.961	40799.527	47789.262	31.313	32.497	24.51	1.023
8/13/2017 1:00	270000	69.683	17.351	156.969	40908.305	47907.219	31.399	32.577	24.445	1.023
8/13/2017 1:15	270900	69.69	17.334	156.985	40817.754	47819.117	31.334	32.517	24.499	1.023
8/13/2017 1:30	271800	69.685	17.356	156.973	40835.703	47816.879	31.334	32.515	24.488	1.023
8/13/2017 1:45	272700	69.7	17.344	157.006	40837.676	47832.543	31.344	32.526	24.487	1.023
8/13/2017 2:00	273600	69.698	17.35	157.003	40828.098	47814.508	31.332	32.514	24.493	1.023
8/13/2017 2:15	274500	69.698	17.351	157.002	40864.254	47856.012	31.362	32.542	24.471	1.023
8/13/2017 2:30	275400	69.714	17.349	157.037	40796.004	47777.855	31.305	32.489	24.512	1.023
8/13/2017 2:45	276300	69.707	17.346	157.022	40894.441	47896.512	31.391	32.57	24.453	1.023
8/13/2017 3:00	277200	69.712	17.347	157.033	40836.086	47827.414	31.341	32.523	24.488	1.023
8/13/2017 3:15	278100	69.707	17.345	157.023	40827.117	47818.777	31.334	32.517	24.494	1.023
8/13/2017 3:30	279000	69.717	17.348	157.044	40799.984	47784.195	31.309	32.493	24.51	1.023
8/13/2017 3:45	279900	69.716	17.346	157.041	40837.828	47829.723	31.343	32.524	24.487	1.023
8/13/2017 4:00	280800	69.725	17.345	157.062	40895.465	47898.645	31.393	32.571	24.453	1.023
8/13/2017 4:15	281700	69.724	17.346	157.059	40800.227	47786.621	31.311	32.495	24.51	1.023
8/13/2017 4:30	282600	69.729	17.347	157.072	40836.781	47827.668	31.341	32.523	24.488	1.023
8/13/2017 4:45	283500	69.728	17.355	157.069	40819.699	47798.891	31.321	32.503	24.498	1.023
8/13/2017 5:00	284400	69.731	17.35	157.076	40877.715	47872.617	31.374	32.553	24.463	1.023
8/13/2017 5:15	285300	69.726	17.346	157.064	40880.203	47880.105	31.379	32.558	24.462	1.023
8/13/2017 5:30	286200	69.726	17.344	157.065	40779.238	47763.445	31.294	32.479	24.522	1.023
8/13/2017 5:45	287100	69.725	17.345	157.062	40885.789	47887.313	31.385	32.563	24.458	1.023
8/13/2017 6:00	288000	69.715	17.358	157.041	40849.891	47831.242	31.344	32.525	24.48	1.023
8/13/2017 6:15	288900	69.721	17.351	157.054	40874.633	47867.602	31.371	32.55	24.465	1.023
8/13/2017 6:30	289800	69.717	17.356	157.044	40851.324	47835.547	31.347	32.528	24.479	1.023
8/13/2017 6:45	290700	69.714	17.348	157.037	40868.609	47864	31.368	32.548	24.469	1.023
8/13/2017 7:00	291600	69.708	17.348	157.023	40864.395	47859.344	31.364	32.544	24.471	1.023
8/13/2017 7:15	292500	69.709	17.351	157.026	40827.352	47812.133	31.33	32.512	24.493	1.023
8/13/2017 7:30	293400	69.698	17.343	157.002	40828.215	47822.578	31.337	32.519	24.493	1.023
8/13/2017 7:45	294300	69.692	17.347	156.988	40840.305	47832.543	31.345	32.526	24.486	1.023
8/13/2017 8:00	295200	69.692	17.348	156.988	40863.059	47857.691	31.363	32.543	24.472	1.023
8/13/2017 8:15	296100	69.683	17.339	156.969	40895.191	47905.25	31.397	32.576	24.453	1.023
8/13/2017 8:30	297000	69.681	17.348	156.963	40865.75	47861.031	31.366	32.546	24.47	1.023
8/13/2017 8:45	297900	69.677	17.352	156.954	40889.637	47884.797	31.383	32.562	24.456	1.023
8/13/2017 9:00	298800	69.671	17.345	156.941	40864.621	47862.703	31.367	32.547	24.471	1.023
8/13/2017 9:15	299700	69.662	17.345	156.92	40872.867	47871.988	31.373	32.553	24.466	1.023
8/13/2017 9:30	300600	69.66	17.346	156.917	40819.277	47808.184	31.327	32.51	24.498	1.023
8/13/2017 9:45	301500	69.656	17.351	156.907	40876.359	47869.621	31.372	32.551	24.464	1.023
8/13/2017 10:0										

8/14/2017 8:15	382500	69.756	17.349	157.133	40809.906	47794.324	31.317	32.5	24.504	1.023
8/14/2017 8:30	383400	69.762	17.338	157.145	40826.203	47825.465	31.339	32.521	24.494	1.023
8/14/2017 8:45	384300	69.757	17.346	157.134	40880.609	47880.016	31.379	32.558	24.461	1.023
8/14/2017 9:00	385200	69.758	17.349	157.137	40843.883	47834.488	31.346	32.527	24.483	1.023
8/14/2017 9:15	386100	69.754	17.345	157.127	40845.547	47840.551	31.35	32.532	24.482	1.023
8/14/2017 9:30	387000	69.746	17.346	157.11	40872.688	47871.031	31.373	32.552	24.466	1.023
8/14/2017 9:45	387900	69.744	17.343	157.106	40877.828	47880.691	31.38	32.559	24.463	1.023
8/14/2017 10:00	388800	69.744	17.349	157.105	40856.621	47848.477	31.356	32.537	24.476	1.023
8/14/2017 10:15	389700	69.748	17.345	157.114	40818.922	47809.18	31.327	32.51	24.498	1.023
8/14/2017 10:30	390600	69.742	17.349	157.101	40805.668	47789.547	31.313	32.497	24.506	1.023
8/14/2017 10:45	391500	69.736	17.349	157.086	40877.508	47873.117	31.374	32.554	24.463	1.023
8/14/2017 11:00	392400	69.738	17.349	157.091	40847.672	47838.176	31.349	32.53	24.481	1.023
8/14/2017 11:15	393300	69.738	17.348	157.091	40866.066	47861.117	31.366	32.546	24.47	1.023
8/14/2017 11:30	394200	69.74	17.348	157.096	40870.695	47867.008	31.37	32.55	24.467	1.023
8/14/2017 11:45	395100	69.737	17.353	157.09	40859.977	47848.289	31.357	32.537	24.474	1.023
8/14/2017 12:00	396000	69.736	17.342	157.086	40860.547	47860.828	31.365	32.545	24.473	1.023
8/14/2017 12:15	396900	69.741	17.343	157.099	40836.895	47831.813	31.344	32.526	24.488	1.023
8/14/2017 12:30	397800	69.741	17.347	157.099	40835.66	47826.727	31.34	32.522	24.488	1.023
8/14/2017 12:45	398700	69.748	17.34	157.114	40852.16	47853.813	31.36	32.541	24.479	1.023
8/14/2017 13:00	399600	69.748	17.35	157.114	40896.887	47895.535	31.391	32.569	24.452	1.023
8/14/2017 13:15	400500	69.748	17.351	157.114	40824.566	47809.719	31.328	32.511	24.495	1.023
8/14/2017 13:30	401400	69.758	17.347	157.137	40814.887	47802.477	31.323	32.506	24.501	1.023
8/14/2017 13:45	402300	69.762	17.34	157.146	40820.039	47815.996	31.332	32.515	24.498	1.023
8/14/2017 14:00	403200	69.773	17.345	157.157	40771.914	47753.648	31.287	32.472	24.527	1.023
8/14/2017 14:15	404100	69.77	17.346	157.165	40873.699	47872.586	31.374	32.553	24.466	1.023
8/14/2017 14:30	405000	69.777	17.354	157.179	40824.496	47806.18	31.326	32.508	24.495	1.023
8/14/2017 14:45	405900	69.785	17.351	157.199	40864.816	47856.105	31.362	32.542	24.471	1.023
8/14/2017 15:00	406800	69.792	17.347	157.212	40813.531	47800.148	31.321	32.504	24.502	1.023
8/14/2017 15:15	407700	69.802	17.349	157.237	40917.352	47920.344	31.409	32.586	24.44	1.023
8/14/2017 15:30	408600	69.809	17.342	157.251	40806.949	47798.793	31.32	32.503	24.506	1.023
8/14/2017 15:45	409500	69.82	17.344	157.277	40870.773	47870.656	31.372	32.552	24.467	1.023
8/14/2017 16:00	410400	69.827	17.347	157.292	40842.688	47835.145	31.347	32.528	24.484	1.023
8/14/2017 16:15	411300	69.838	17.345	157.317	40875.91	47876.016	31.376	32.556	24.464	1.023
8/14/2017 16:30	412200	69.838	17.348	157.317	40819.438	47806.977	31.326	32.509	24.498	1.023
8/14/2017 16:45	413100	69.838	17.352	157.316	40811.711	47792.789	31.316	32.499	24.503	1.023
8/14/2017 17:00	414000	69.858	17.344	157.363	40858.176	47856.273	31.362	32.542	24.475	1.023
8/14/2017 17:15	414900	69.859	17.357	157.365	40846.793	47829.016	31.343	32.524	24.482	1.023
8/14/2017 17:30	415800	69.861	17.352	157.37	40884.031	47877.578	31.378	32.557	24.459	1.023
8/14/2017 17:45	416700	69.87	17.354	157.388	40827.594	47810.086	31.329	32.511	24.493	1.023
8/14/2017 18:00	417600	69.873	17.352	157.397	40840.477	47827.125	31.341	32.522	24.486	1.023
8/14/2017 18:15	418500	69.889	17.343	157.431	40820.719	47813.426	31.33	32.513	24.497	1.023
8/14/2017 18:30	419400	69.884	17.349	157.42	40898.461	47898.219	31.393	32.571	24.451	1.023
8/14/2017 18:45	420300	69.889	17.348	157.431	40875.746	47871.992	31.374	32.553	24.464	1.023
8/14/2017 19:00	421200	69.887	17.353	157.427	40906.031	47902.965	31.396	32.574	24.446	1.023
8/14/2017 19:15	422100	69.88	17.338	157.412	40845.766	47847.629	31.355	32.536	24.482	1.023
8/14/2017 19:30	423000	69.884	17.344	157.421	40848.105	47844.016	31.353	32.534	24.481	1.023
8/14/2017 19:45	423900	69.885	17.345	157.424	40848.984	47844.578	31.353	32.534	24.48	1.023
8/14/2017 20:00	424800	69.888	17.346	157.43	40853.777	47849.344	31.357	32.538	24.478	1.023
8/14/2017 20:15	425700	69.889	17.349	157.431	40838.043	47827.273	31.341	32.523	24.487	1.023
8/14/2017 20:30	426600	69.881	17.339	157.413	40828.234	47826.152	31.34	32.522	24.493	1.023
8/14/2017 20:45	427500	69.871	17.342	157.391	40826.984	47822.262	31.337	32.519	24.494	1.023
8/14/2017 21:00	428400	69.862	17.345	157.372	40903.324	47907.66	31.399	32.577	24.448	1.023
8/14/2017 21:15	429300	69.864	17.345	157.376	40834.766	47827.176	31.341	32.522	24.489	1.023
8/14/2017 21:30	430200	69.859	17.345	157.363	40892.621	47895.777	31.391	32.569	24.454	1.023
8/14/2017 21:45	431100	69.85	17.346	157.343	40795.473	47780.965	31.307	32.491	24.513	1.023
8/14/2017 22:00	432000	69.841	17.34	157.324	40888.668	47896.676	31.391	32.57	24.457	1.023
8/14/2017 22:15	432900	69.839	17.354	157.319	40845.816	47830.77	31.344	32.525	24.482	1.023
8/14/2017 22:30	433800	69.826	17.344	157.289	40872.691	47872.813	31.374	32.554	24.466	1.023
8/14/2017 22:45	434700	69.811	17.352	157.256	40832.656	47818.07	31.334	32.516	24.49	1.023
8/14/2017 23:00	435600	69.811	17.348	157.257	40880.477	47877.723	31.378	32.557	24.462	1.023
8/14/2017 23:15	436500	69.801	17.347	157.235	40849.82	47842.836	31.352	32.533	24.48	1.023
8/14/2017 23:30	437400	69.798	17.341	157.227	40914.363	47925.645	31.412	32.589	24.441	1.023
8/14/2017 23:45	438300	69.788	17.35	157.204	40853.305	47844.031	31.353	32.534	24.478	1.023
8/15/2017 0:00	439200	69.786	17.347	157.2	40836.773	47827.469	31.341	32.523	24.488	1.023
8/15/2017 0:15	440100	69.786	17.343	157.2	40827.863	47821.523	31.336	32.519	24.493	1.023
8/15/2017 0:30	441000	69.773	17.342	157.17	40885	47889.738	31.386	32.565	24.459	1.023
8/15/2017 0:45	441900	69.773	17.337	157.171	40850.18	47854.094	31.36	32.541	24.48	1.023
8/15/2017 1:00	442800	69.767	17.345	157.157	40842.113	47836.809	31.348	32.529	24.485	1.023
8/15/2017 1:15	443700	69.762	17.344	157.146	40817.059	47808.391	31.327	32.51	24.5	1.023
8/15/2017 1:30	444600	69.762	17.346	157.146	40811.379	47799.496	31.32	32.504	24.503	1.023
8/15/2017 1:45	445500	69.762	17.352	157.145	40852.371	47840.406	31.351	32.531	24.478	1.023
8/15/2017 2:00	446400	69.763	17.353	157.149	40858.602	47847.051	31.356	32.536	24.475	1.023
8/15/2017 2:15	447300	69.763	17.349	157.149	40918.199	47920.863	31.409	32.586	24.439	1.023
8/15/2017 2:30	448200	69.756	17.347	157.133	40831.289	47821.688	31.337	32.519	24.491	1.023
8/15/2017 2:45	449100	69.758	17.347	157.137	40830.938	47821.469	31.337	32.519	24.491	1.023
8/15/2017 3:00	450000	69.748	17.349	157.114	40849.773	47841.102	31.351	32.532	24.48	1.023
8/15/2017 3:15	450900	69.759	17.345	157.139	40832.059	47824.844	31.339	32.521	24.491	1.023
8/15/2017 3:30	451800	69.756	17.347	157.133	40815.977	47803.859	31.324	32.507	24.5	1.023
8/15/2017 3:45	452700	69.763	17.343	157.149	40843.027	47839.93	31.35	32.531	24.484	1.023
8/15/2017 4:00	453600	69.766	17.349	157.154	40838.926	47828.207	31.342	32.523	24.486	1.023
8/15/2017 4:15	454500	69.76	17.343	157.141	40860.984	47860.316	31.365	32.545	24.473	1.023
8/15/2017 4:30	455400	69.772	17.343	157.168	40853.855	47852.609	31.359	32.54	24.477	1.023
8/15/2017 4:45	456300	69.773	17.343	157.17	40839.973	47836.164	31.347	32.529	24.486	1.023
8/15/2017 5:00	457200	69.768	17.345	157.159	40822.949	47813.523	31.331	32.513	24.496	1.023
8/15/2017 5:15	458100	69.785	17.35	157.198	40869.441	47862.832	31.367	32.547	24.468	1.023
8/15/2017 5:30	459000	69.785	17.353	157.198	40838.801	47823.863	31.339	32.52	24.487	1.023
8/15/2017 5:45	459900	69.786	17.341	157.2	40848.582	47848.027	31.356	32.537	24.481	1.023
8/15/2017 6:00	460800	69.781	17.344	157.189	40817.922	47809.402	31.328	32.51	24.499	1.023
8/15/2017 6:15	461700	69.788	17.341	157.204	40853.781	47854.395	31.36	32.541	24.478	1.023
8										

8/16/2017 4:45	542700	69.762	17.342	157.146	40824.105	47818.41	31.334	32.517	24.495	1.023
8/16/2017 5:00	543600	69.759	17.345	157.138	40802.848	47789.879	31.313	32.497	24.508	1.023
8/16/2017 5:15	544500	69.762	17.35	157.145	40846.887	47836.039	31.347	32.529	24.482	1.023
8/16/2017 5:30	545400	69.762	17.346	157.146	40875.406	47873.922	31.375	32.554	24.465	1.023
8/16/2017 5:45	546300	69.768	17.344	157.159	40839.539	47834.168	31.346	32.527	24.486	1.023
8/16/2017 6:00	547200	69.77	17.338	157.165	40857.574	47861.371	31.365	32.546	24.475	1.023
8/16/2017 6:15	548100	69.771	17.336	157.165	40804.363	47801.926	31.322	32.505	24.507	1.023
8/16/2017 6:30	549000	69.778	17.349	157.181	40868.406	47863.113	31.367	32.547	24.469	1.023
8/16/2017 6:45	549900	69.781	17.34	157.189	40779.82	47768.797	31.298	32.483	24.522	1.023
8/16/2017 7:00	550800	69.781	17.344	157.189	40873.113	47874.047	31.375	32.554	24.466	1.023
8/16/2017 7:15	551700	69.785	17.35	157.199	40840.645	47828.914	31.342	32.524	24.485	1.023
8/16/2017 7:30	552600	69.791	17.347	157.211	40765.168	47743.605	31.28	32.466	24.531	1.023
8/16/2017 7:45	553500	69.795	17.344	157.221	40870.918	47871.387	31.373	32.553	24.467	1.023
8/16/2017 8:00	554400	69.795	17.35	157.219	40857.238	47848.914	31.357	32.537	24.475	1.023
8/16/2017 8:15	555300	69.801	17.34	157.235	40813.066	47807.742	31.326	32.509	24.502	1.023
8/16/2017 8:30	556200	69.801	17.341	157.233	40891.926	47898.426	31.392	32.571	24.455	1.023
8/16/2017 8:45	557100	69.803	17.348	157.239	40804.031	47788.281	31.312	32.496	24.507	1.023
8/16/2017 9:00	558000	69.801	17.345	157.235	40820.383	47810.891	31.329	32.511	24.498	1.023
8/16/2017 9:15	558900	69.806	17.338	157.245	40798.387	47792.316	31.315	32.499	24.511	1.023
8/16/2017 9:30	559800	69.805	17.341	157.242	40860.055	47861.465	31.365	32.546	24.474	1.023
8/16/2017 9:45	560700	69.803	17.348	157.238	40864.855	47859.98	31.365	32.545	24.471	1.023
8/16/2017 10:00	561600	69.803	17.347	157.239	40842.809	47834.813	31.346	32.528	24.484	1.023
8/16/2017 10:15	562500	69.807	17.348	157.247	40847.508	47839.664	31.35	32.531	24.481	1.023
8/16/2017 10:30	563400	69.808	17.348	157.249	40774.387	47753.652	31.287	32.472	24.525	1.023
8/16/2017 10:45	564300	69.805	17.34	157.243	40847.672	47848.136	31.356	32.537	24.481	1.023
8/16/2017 11:00	565200	69.801	17.344	157.233	40884.203	47886.195	31.384	32.563	24.459	1.023
8/16/2017 11:15	566100	69.809	17.345	157.252	40837.91	47831.418	31.344	32.525	24.487	1.023
8/16/2017 11:30	567000	69.799	17.347	157.229	40857.93	47852.703	31.359	32.54	24.475	1.023
8/16/2017 11:45	567900	69.795	17.356	157.219	40816.152	47794.445	31.317	32.5	24.5	1.023
8/16/2017 12:00	568800	69.801	17.349	157.233	40847.793	47838.227	31.349	32.53	24.481	1.023
8/16/2017 12:15	569700	69.794	17.348	157.217	40815.563	47801.789	31.322	32.505	24.5	1.023
8/16/2017 12:30	570600	69.795	17.344	157.22	40819.34	47810.512	31.328	32.511	24.498	1.023
8/16/2017 12:45	571500	69.785	17.346	157.199	40856.621	47852.215	31.359	32.54	24.476	1.023
8/16/2017 13:00	572400	69.787	17.347	157.202	40855.113	47848.852	31.357	32.537	24.477	1.023
8/16/2017 13:15	573300	69.795	17.351	157.22	40793.566	47772.852	31.301	32.486	24.514	1.023
8/16/2017 13:30	574200	69.794	17.35	157.219	40862.574	47855.258	31.361	32.542	24.472	1.023
8/16/2017 13:45	575100	69.795	17.344	157.22	40850.605	47847.223	31.355	32.536	24.479	1.023
8/16/2017 14:00	576000	69.789	17.347	157.206	40844.191	47836.613	31.348	32.529	24.483	1.023
8/16/2017 14:15	576900	69.796	17.354	157.222	40821.73	47803.031	31.323	32.506	24.497	1.023
8/16/2017 14:30	577800	69.801	17.351	157.233	40879.105	47873.492	31.375	32.554	24.462	1.023
8/16/2017 14:45	578700	69.796	17.351	157.223	40823.605	47807.844	31.327	32.509	24.496	1.023
8/16/2017 15:00	579600	69.798	17.345	157.227	40868.973	47867.801	31.37	32.55	24.468	1.023
8/16/2017 15:15	580500	69.807	17.35	157.247	40826.992	47812.926	31.331	32.513	24.494	1.023
8/16/2017 15:30	581400	69.809	17.345	157.253	40884.012	47885.133	31.383	32.562	24.459	1.023
8/16/2017 15:45	582300	69.802	17.346	157.235	40877.617	47876.512	31.377	32.556	24.463	1.023
8/16/2017 16:00	583200	69.823	17.346	157.283	40807.758	47794.504	31.317	32.5	24.505	1.023
8/16/2017 16:15	584100	69.829	17.344	157.297	40836.203	47830.727	31.343	32.525	24.488	1.023
8/16/2017 16:30	585000	69.841	17.344	157.325	40827.781	47820.953	31.336	32.518	24.493	1.023
8/16/2017 16:45	585900	69.828	17.349	157.295	40876.242	47871.543	31.373	32.553	24.464	1.023
8/16/2017 17:00	586800	69.852	17.342	157.347	40847.551	47846.164	31.354	32.535	24.481	1.023
8/16/2017 17:15	587700	69.864	17.343	157.376	40812.613	47803.555	31.323	32.506	24.502	1.023
8/16/2017 17:30	588600	69.88	17.35	157.411	40861.176	47852.871	31.36	32.54	24.473	1.023
8/16/2017 17:45	589500	69.889	17.347	157.431	40841.781	47833.336	31.345	32.527	24.485	1.023
8/16/2017 18:00	590400	69.897	17.342	157.449	40858.777	47859.207	31.364	32.544	24.475	1.023
8/16/2017 18:15	591300	69.907	17.345	157.472	40870.402	47869.289	31.371	32.551	24.468	1.023
8/16/2017 18:30	592200	69.907	17.34	157.471	40827.883	47825.375	31.339	32.521	24.493	1.023
8/16/2017 18:45	593100	69.923	17.339	157.509	40883.484	47890.875	31.387	32.566	24.46	1.023
8/16/2017 19:00	594000	69.932	17.34	157.528	40844.527	47844.969	31.353	32.535	24.483	1.023
8/16/2017 19:15	594900	69.931	17.345	157.527	40829.715	47821.91	31.337	32.519	24.492	1.023
8/16/2017 19:30	595800	69.944	17.343	157.555	40840.852	47837.004	31.348	32.529	24.485	1.023
8/16/2017 19:45	596700	69.953	17.338	157.577	40812.938	47809.816	31.328	32.511	24.502	1.023
8/16/2017 20:00	597600	69.958	17.34	157.587	40813.117	47807.141	31.326	32.509	24.502	1.023
8/16/2017 20:15	598500	69.957	17.342	157.585	40831.66	47826.711	31.34	32.522	24.491	1.023
8/16/2017 20:30	599400	69.962	17.344	157.596	40856.41	47854.484	31.36	32.541	24.476	1.023
8/16/2017 20:45	600300	69.961	17.348	157.595	40828.02	47816.379	31.333	32.515	24.493	1.023
8/16/2017 21:00	601200	69.961	17.354	157.595	40857.551	47844.789	31.354	32.534	24.475	1.023
8/16/2017 21:15	602100	69.961	17.346	157.594	40806.793	47794.313	31.317	32.5	24.506	1.023
8/16/2017 21:30	603000	69.967	17.344	157.608	40851.25	47848.164	31.356	32.537	24.479	1.023
8/16/2017 21:45	603900	69.954	17.348	157.577	40829.984	47818.957	31.335	32.517	24.492	1.023
8/16/2017 22:00	604800	69.952	17.342	157.573	40821.754	47815.387	31.332	32.514	24.497	1.023
8/16/2017 22:15	605700	69.94	17.347	157.546	40867.305	47863.504	31.367	32.547	24.469	1.023
8/16/2017 22:30	606600	69.94	17.342	157.546	40817.887	47810.859	31.329	32.511	24.499	1.023
8/16/2017 22:45	607500	69.931	17.341	157.527	40849.605	47849.414	31.357	32.538	24.48	1.023
8/16/2017 23:00	608400	69.915	17.347	157.49	40853.254	47847.227	31.355	32.536	24.478	1.023
8/16/2017 23:15	609300	69.914	17.348	157.488	40858.07	47851.66	31.359	32.539	24.475	1.023
8/16/2017 23:30	610200	69.907	17.34	157.472	40806.273	47799.785	31.32	32.504	24.506	1.023
8/16/2017 23:45	611100	69.904	17.339	157.466	40877.223	47883.914	31.382	32.561	24.464	1.023

Report Date: 8/18/2017 9:05
Report User Name: WMassoll
Report Computer Name: WKST52
Application: WinSitu.exe
Application Version: 5.6.27.1

Log File Properties
File Name MPWSP MW-85 LT Test_2017-08-17_12-19-23-348-BaroMerge.wsl
Create Date 8/18/2017 9:00

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: 9% User Name: KMakar Interval - Start Time: 3/1/2016 12:00:00 PM Stop Time: 3/10/2016 2:30:00 PM
3/17/2016 12:40 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: 4/30/2016 10:00:00 PM Stop Time: 6/2/2016 12:30:00 PM
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: 9/26/2016 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 6:15:00 AM
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 12:00:00 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
8/18/2017 9:00 User Note: "Pressure & Level adjusted by baro data from: "MPWSP Barotroll_2017-08-17_15-14-23-201.wsl""

Log Data:
Record Count 730

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 SNR: 428966		Sensor: PCTD(A) 197.3ft SNR: 428966		Sensor: PCTD(A) 197.3ft SNR: 428966		Sensor: PCTD(A) 197.3ft SNR: 428966		Sensor: PCTD(A) 197.3ft SNR: 428966		Sensor: PCTD(A) 197.3ft SNR: 428966		Sensor: PCTD(A) 197.3ft SNR: 428966		Sensor: PCTD(A) 197.3ft SNR: 428966		Sensor: Baro-Adj Calc SNR: 000000			
		Corrected		Temperature (C)		Depth (ft)		Actual Conductivity (µS/cm)		Specific Conductivity (µS/cm)		Salinity (PSU)		Total Dissolved Solids (ppm)		Resistivity (ohm-cm)		Water Density (g/cm3)		Barometric Pressure (PSI)	
		Pressure (PSI)																			
8/10/2017 0:00	7200	19.746	16.132	45.006	694.612	836.453	0.414	568.652	1439.653	0.999	14.711										
8/10/2017 0:15	8100	19.742	16.132	44.992	694.778	836.455	0.414	568.799	1439.308	0.999	14.714										
8/10/2017 0:30	9000	19.743	16.131	45	694.686	836.358	0.414	568.724	1439.499	0.999	14.713										
8/10/2017 0:45	9900	19.744	16.131	45.004	694.532	836.171	0.414	568.596	1439.819	0.999	14.714										
8/10/2017 1:00	10800	19.748	16.132	45.012	694.926	836.637	0.414	568.913	1439.001	0.999	14.715										
8/10/2017 1:15	11700	19.745	16.132	45.005	694.845	836.541	0.414	568.848	1439.169	0.999	14.717										
8/10/2017 1:30	12600	19.743	16.132	45.001	694.669	836.332	0.414	568.706	1439.535	0.999	14.712										
8/10/2017 1:45	13500	19.739	16.132	44.991	694.745	836.416	0.414	568.763	1439.377	0.999	14.713										
8/10/2017 2:00	14400	19.734	16.131	44.98	694.74	836.433	0.414	568.774	1439.388	0.999	14.712										
8/10/2017 2:15	15300	19.746	16.131	45.008	694.87	836.585	0.414	568.878	1439.118	0.999	14.709										
8/10/2017 2:30	16200	19.743	16.131	45.001	694.846	836.549	0.414	568.854	1439.167	0.999	14.713										
8/10/2017 2:45	17100	19.745	16.132	45.004	694.685	836.353	0.414	568.72	1439.502	0.999	14.71										
8/10/2017 3:00	18000	19.747	16.132	45.009	694.676	836.341	0.414	568.712	1439.52	0.999	14.708										
8/10/2017 3:15	18900	19.74	16.13	44.995	694.698	836.393	0.414	568.747	1439.474	0.999	14.711										
8/10/2017 3:30	19800	19.746	16.13	45.008	694.969	836.724	0.414	568.973	1439.313	0.999	14.708										
8/10/2017 3:45	20700	19.746	16.13	45.007	694.606	836.308	0.414	568.67	1439.666	0.999	14.705										
8/10/2017 4:00	21600	19.746	16.131	45.008	694.659	836.336	0.414	568.709	1439.554	0.999	14.701										
8/10/2017 4:15	22500	19.742	16.131	44.999	694.587	836.249	0.414	568.649	1439.705	0.999	14.708										
8/10/2017 4:30	23400	19.739	16.131	44.99	694.966	836.695	0.414	568.952	1438.92	0.999	14.708										
8/10/2017 4:45	24300	19.741	16.131	44.996	694.672	836.345	0.414	568.715	1439.528	0.999	14.706										
8/10/2017 5:00	25200	19.744	16.131	45.004	694.621	836.285	0.414	568.674	1439.633	0.999	14.702										
8/10/2017 5:15	26100	19.745	16.132	45.006	695.052	836.793	0.414	569.019	1438.742	0.999	14.707										
8/10/2017 5:30	27000	19.752	16.131	45.012	694.851	836.542	0.414	568.862	1439.157	0.999	14.71										
8/10/2017 5:45	27900	19.741	16.132	44.996	694.713	836.38	0.414	568.738	1439.444	0.999	14.706										
8/10/2017 6:00	28800	19.745	16.132	45.004	694.817	836.496	0.414	568.817	1439.228	0.999	14.707										
8/10/2017 6:15	29700	19.736	16.132	44.984	694.761	836.445	0.414	568.782	1439.344	0.999	14.712										
8/10/2017 6:30	30600	19.743	16.132	45.001	694.995	836.725	0.414	568.973	1438.859	0.999	14.712										
8/10/2017 6:45	31500	19.737	16.131	44.986	694.839	836.55	0.414	568.854	1439.183	0.999	14.716										
8/10/2017 7:00	32400	19.740	16.131	44.997	694.692	836.372	0.414	568.723	1439.487	0.999	14.717										
8/10/2017 7:15	33300	19.74	16.131	44.994	694.966	836.694	0.414	568.93	1438.92	0.999	14.717										
8/10/2017 7:30	34200	19.742	16.131	44.998	694.895	836.611	0.414	568.896	1439.066	0.999	14.718										
8/10/2017 7:45	35100	19.744	16.132	45.003	694.624	836.272	0.414	568.665	1439.627	0.999	14.718										
8/10/2017 8:00	36000	19.745	16.132	45.006	694.768	836.44	0.414	568.78	1439.328	0.999	14.715										
8/10/2017 8:15	36900	19.737	16.131	44.987	694.823	836.533	0.414	568.843	1439.215	0.999	14.719										
8/10/2017 8:30	37800	19.735	16.131	44.981	694.701	836.39	0.414	568.745	1439.467	0.999	14.721										
8/10/2017 8:45	38700	19.738	16.131	44.99	694.737	836.431	0.414	568.773	1439.395	0.999	14.717										
8/10/2017 9:00	39600	19.738	16.13	44.989	694.883	836.612	0.414	568.896	1439.09	0.999	14.719										
8/10/2017 9:15	40500	19.741	16.13	44.997	694.738	836.444	0.414	568.782	1439.391	0.999	14.721										
8/10/2017 9:30	41400	19.745	16.129	45.006	694.401	836.057	0.413	568.519	1440.091	0.999	14.717										
8/10/2017 9:45	42300	19.731	16.13	44.974	694.75	836.462	0.414	568.794	1439.367	0.999	14.726										
8/10/2017 10:00	43200	19.745	16.13	45.006	694.581	836.254	0.414	568.652	1439.717	0.999	14.713										
8/10/2017 10:15	44100	19.74	16.131	44.994	694.538	836.19	0.414	568.609	1439.806	0.999	14.723										
8/10/2017 10:30	45000	19.742	16.132	44.974	694.461	836.084	0.413	568.536	1439.966	0.999	14.729										
8/10/2017 10:45	45900	19.743	16.132	45.001	694.635	836.293	0.414	568.679	1439.605	0.999	14.725										
8/10/2017 11:00	46800	19.733	16.131	44.978	694.885	836.601	0.414	568.889	1439.087	0.999	14.732										
8/10/2017 11:15	47700	19.744	16.132	45.002	694.68	836.341	0.414	568.712	1439.511	0.999	14.725										
8/10/2017 11:30	48600	19.737	16.132	44.988	694.877	836.576	0.414	568.871	1439.104	0.999	14.729										
8/10/2017 11:45	49500	19.74	16.131	44.993	694.602	836.262	0.414	568.658	1439.673	0.999	14.727										
8/10/2017 12:00	50400	19.736	16.131	44.985	694.787	836.487	0.414	568.811	1439.29	0.999	14.725										
8/10/2017 12:15	51300	19.735	16.131	44.983	694.567	836.213	0.414	568.625	1439.746	0.999	14.728										
8/10/2017 12:30	52200	19.732	16.132	44.992	694.595	836.242	0.414	568.646	1439.688	0.999	14.724										
8/10/2017 12:45	53100	19.737	16.129	44.986	694.501	836.134	0.413	568.571	1439.882	0.999	14.726										
8/10/2017 13:00	54000	19.731	16.131	44.974	694.558	836.217	0.414	568.628	1439.766	0.999	14.728										
8/10/2017 13:15	54900	19.74	16.13	44.993	694.51	836.168	0.413	568.594	1439.864	0.999	14.723										
8/10/2017 13:30	55800	19.732	16.13	44.976	694.413	836.046	0.413	568.511	1440.066	0.999	14.729										
8/10/2017 13:45	56700	19.732	16.131	44.974	694.773	836.467	0.414	568.797	1439.314	0.999	14.731										
8/10/2017 14:00	57600	19.74	16.133	44.99	694.431	836.054	0.413	568.517	1440.028	0.999	14.722										
8/10/2017 14:15	58500	19.739	16.131	44.991	694.535	836.174	0.413	568.598	1439.813	0.999	14.726										
8/10/2017 14:30	59400	19.739	16.131	44.991	694.649	836.329	0.414	568.704	1439.576	0.999	14.727										
8/10/2017 14:45	60300	19.735	16.131	44.981	694.351	835.97	0.413	568.46	1440.193	0.999	14.726										
8/10/2017 15:00	61200	19.731	16.13	44.972	694.542	836.203	0.414	568.618	1439.797	0.999	14.724										
8/10/2017 15:15	62100	19.731	16.13	44.973	694.385	836.019	0.413	568.493	1440.124	0.999	14.725										
8/10/2017 15:30	63000	19.741	16.129	44.996	694.293	835.925	0.413	568.429	1440.314	0.999	14.714										
8/10/2017 15:45	63900	19.744	16.13	45.003	694.537	836.212	0.414	568.624	1439.809	0.999	14.717										
8/10/2017 16:00	64800	19.735	16.13	44.982	694.515	836.222	0.413	568.631	1439.782	0.999	14.717										
8/10/2017 16:15	65700	19.734	16.131	44.981	694.482	836.119	0.413	568.561	1439.923	0.999	14.718										
8/10/2017 16:30	66600	19.744	16.131	45.002	694.533	836.177	0.414	568.601	1439.816	0.999	14.716										
8/10/2017 16:45	67500	19.739	16.13	44.991	694.464	836.107	0.413	568.553	1439.96	0.999	14.715										
8/10/2017 17:00	68400	19.737	16.13	44.986	694.411	836.061	0.413	568.521	1440.069	0.999	14.713										
8/10/2017 17:15	69300	19.738	16.13	44.989	694.374	836.008	0.413	568.485	1440.145	0.999	14.715										

8/10/2017 17:30	70200	19.738	16.131	44.989	694.543	836.2	0.414	568.616	1439.795	0.999	14.709
8/10/2017 17:45	71100	19.743	16.131	45	694.492	836.128	0.413	568.567	1439.901	0.999	14.707
8/10/2017 18:00	72000	19.732	16.131	44.976	694.289	835.891	0.413	568.406	1440.323	0.999	14.712
8/10/2017 18:15	72900	19.739	16.131	44.991	694.723	836.418	0.414	568.764	1439.423	0.999	14.706
8/10/2017 18:30	73800	19.746	16.13	45.007	694.383	836.019	0.413	568.493	1440.127	0.999	14.702
8/10/2017 18:45	74700	19.728	16.13	44.967	694.531	836.196	0.414	568.613	1439.822	0.999	14.713
8/10/2017 19:00	75600	19.745	16.129	45.005	694.43	836.085	0.413	568.538	1440.031	0.999	14.701
8/10/2017 19:15	76500	19.734	16.129	44.979	694.442	836.101	0.413	568.549	1440.005	0.999	14.708
8/10/2017 19:30	77400	19.736	16.13	44.984	694.55	836.213	0.414	568.625	1439.78	0.999	14.705
8/10/2017 19:45	78300	19.742	16.13	44.998	694.504	836.155	0.413	568.585	1439.877	0.999	14.705
8/10/2017 20:00	79200	19.735	16.131	44.981	694.383	836.006	0.413	568.484	1440.128	0.999	14.704
8/10/2017 20:15	80100	19.735	16.13	44.983	694.362	835.995	0.413	568.477	1440.171	0.999	14.706
8/10/2017 20:30	81000	19.736	16.13	44.985	694.362	836.001	0.413	568.481	1440.172	0.999	14.7
8/10/2017 20:45	81900	19.736	16.13	44.985	694.554	836.233	0.414	568.638	1439.772	0.999	14.7
8/10/2017 21:00	82800	19.738	16.13	44.99	694.6	836.284	0.414	568.673	1439.677	0.999	14.702
8/10/2017 21:15	83700	19.736	16.129	44.985	694.49	836.164	0.413	568.592	1439.906	0.999	14.701
8/10/2017 21:30	84600	19.734	16.129	44.98	694.403	836.06	0.413	568.521	1440.085	0.999	14.704
8/10/2017 21:45	85500	19.728	16.13	44.967	694.434	836.082	0.413	568.536	1440.022	0.999	14.709
8/10/2017 22:00	86400	19.74	16.13	44.993	694.502	836.156	0.413	568.586	1439.881	0.999	14.698
8/10/2017 22:15	87300	19.74	16.13	44.994	694.522	836.187	0.414	568.607	1439.84	0.999	14.705
8/10/2017 22:30	88200	19.732	16.13	44.976	694.509	836.164	0.413	568.591	1439.866	0.999	14.71
8/10/2017 22:45	89100	19.735	16.13	44.982	694.582	836.255	0.414	568.653	1439.715	0.999	14.706
8/10/2017 23:00	90000	19.734	16.13	44.979	694.564	836.238	0.414	568.642	1439.752	0.999	14.714
8/10/2017 23:15	90900	19.737	16.13	44.986	694.44	836.085	0.413	568.538	1440.01	0.999	14.705
8/10/2017 23:30	91800	19.734	16.13	44.979	694.597	836.271	0.414	568.665	1439.683	0.999	14.71
8/10/2017 23:45	92700	19.74	16.13	44.994	694.452	836.1	0.413	568.548	1439.985	0.999	14.701
8/11/2017 0:00	93600	19.733	16.13	44.977	694.486	836.146	0.413	568.579	1439.914	0.999	14.706
8/11/2017 0:15	94500	19.736	16.13	44.986	694.527	836.196	0.414	568.613	1439.828	0.999	14.706
8/11/2017 0:30	95400	19.735	16.131	44.982	694.766	836.466	0.414	568.797	1439.334	0.999	14.711
8/11/2017 0:45	96300	19.734	16.13	44.979	694.501	836.161	0.413	568.589	1439.882	0.999	14.707
8/11/2017 1:00	97200	19.738	16.131	44.989	694.620	836.302	0.414	568.686	1439.618	0.999	14.706
8/11/2017 1:15	98100	19.729	16.131	44.969	694.529	836.184	0.414	568.605	1439.824	0.999	14.709
8/11/2017 1:30	99000	19.739	16.13	44.991	694.666	836.352	0.414	568.72	1439.51	0.999	14.702
8/11/2017 1:45	99900	19.74	16.13	44.993	694.74	836.442	0.414	568.781	1439.387	0.999	14.704
8/11/2017 2:00	100800	19.742	16.13	44.999	694.576	836.249	0.414	568.649	1439.728	0.999	14.7
8/11/2017 2:15	101700	19.731	16.13	44.974	694.763	836.478	0.414	568.805	1439.34	0.999	14.706
8/11/2017 2:30	102600	19.733	16.13	44.973	694.669	836.311	0.414	568.726	1439.534	0.999	14.71
8/11/2017 2:45	103500	19.743	16.13	45	694.633	836.328	0.414	568.703	1439.609	0.999	14.702
8/11/2017 3:00	104400	19.74	16.129	44.994	694.644	836.343	0.414	568.713	1439.586	0.999	14.7
8/11/2017 3:15	105300	19.732	16.13	44.975	694.654	836.347	0.414	568.716	1439.565	0.999	14.707
8/11/2017 3:30	106200	19.738	16.13	44.989	694.748	836.462	0.414	568.794	1439.37	0.999	14.704
8/11/2017 3:45	107100	19.73	16.13	44.97	694.758	836.472	0.414	568.801	1439.35	0.999	14.704
8/11/2017 4:00	108000	19.734	16.13	44.981	694.591	836.368	0.414	568.688	1439.697	0.999	14.702
8/11/2017 4:15	108900	19.733	16.13	44.977	694.715	836.416	0.414	568.763	1439.44	0.999	14.701
8/11/2017 4:30	109800	19.724	16.13	44.956	694.671	836.368	0.414	568.73	1439.529	0.999	14.71
8/11/2017 4:45	110700	19.73	16.13	44.97	694.493	836.151	0.413	568.583	1439.899	0.999	14.707
8/11/2017 5:00	111600	19.731	16.13	44.974	694.963	836.718	0.414	568.968	1438.926	0.999	14.702
8/11/2017 5:15	112500	19.732	16.129	44.976	694.767	836.496	0.414	568.817	1439.332	0.999	14.699
8/11/2017 5:30	113400	19.734	16.129	44.967	694.775	836.507	0.414	568.825	1439.315	0.999	14.709
8/11/2017 5:45	114300	19.735	16.13	44.982	694.634	836.322	0.414	568.699	1439.608	0.999	14.704
8/11/2017 6:00	115200	19.733	16.13	44.977	694.783	836.495	0.414	568.817	1439.298	0.999	14.702
8/11/2017 6:15	116100	19.733	16.132	44.978	694.66	836.322	0.414	568.699	1439.553	0.999	14.703
8/11/2017 6:30	117000	19.732	16.131	44.976	694.904	836.62	0.414	568.902	1439.048	0.999	14.705
8/11/2017 6:45	117900	19.734	16.131	44.979	694.934	836.665	0.414	568.932	1438.986	0.999	14.704
8/11/2017 7:00	118800	19.728	16.131	44.967	694.591	836.256	0.414	568.654	1439.696	0.999	14.708
8/11/2017 7:15	119700	19.733	16.13	44.973	695.033	836.793	0.414	569.019	1438.78	0.999	14.705
8/11/2017 7:30	120600	19.731	16.129	44.973	694.775	836.505	0.414	568.823	1439.316	0.999	14.711
8/11/2017 7:45	121500	19.733	16.129	44.978	694.781	836.513	0.414	568.829	1439.302	0.999	14.712
8/11/2017 8:00	122400	19.736	16.129	44.984	694.907	836.671	0.414	568.936	1439.042	0.999	14.708
8/11/2017 8:15	123300	19.731	16.129	44.973	694.698	836.409	0.414	568.758	1439.475	0.999	14.711
8/11/2017 8:30	124200	19.729	16.13	44.968	694.851	836.589	0.414	568.88	1439.158	0.999	14.718
8/11/2017 8:45	125100	19.735	16.13	44.983	694.829	836.573	0.414	568.869	1439.182	0.999	14.709
8/11/2017 9:00	126000	19.732	16.13	44.974	694.725	836.432	0.414	568.774	1439.418	0.999	14.713
8/11/2017 9:15	126900	19.732	16.129	44.974	694.626	836.324	0.414	568.701	1439.624	0.999	14.713
8/11/2017 9:30	127800	19.725	16.129	44.959	694.749	836.469	0.414	568.799	1439.369	0.999	14.718
8/11/2017 9:45	128700	19.728	16.129	44.965	694.653	836.358	0.414	568.724	1439.569	0.999	14.718
8/11/2017 10:00	129600	19.731	16.13	44.974	694.841	836.577	0.414	568.872	1439.178	0.999	14.712
8/11/2017 10:15	130500	19.733	16.129	44.973	694.636	836.347	0.414	568.716	1439.603	0.999	14.714
8/11/2017 10:30	131400	19.728	16.129	44.966	694.61	836.309	0.414	568.69	1439.656	0.999	14.721
8/11/2017 10:45	132300	19.73	16.129	44.971	694.628	836.338	0.414	568.71	1439.62	0.999	14.718
8/11/2017 11:00	133200	19.731	16.129	44.974	694.727	836.446	0.414	568.783	1439.415	0.999	14.718
8/11/2017 11:15	134100	19.736	16.129	44.985	694.634	836.336	0.414	568.708	1439.607	0.999	14.717
8/11/2017 11:30	135000	19.732	16.129	44.975	694.378	836.033	0.413	568.503	1440.137	0.999	14.712
8/11/2017 11:45	135900	19.736	16.129	44.984	694.48	836.155	0.413	568.585	1439.927	0.999	14.712
8/11/2017 12:00	136800	19.729	16.13	44.969	694.506	836.165	0.413	568.592	1439.872	0.999	14.716
8/11/2017 12:15	137700	19.725	16.129	44.96	694.439	836.101	0.413	568.549	1440.011	0.999	14.719
8/11/2017 12:30	138600	19.738	16.129	44.988	694.637	836.344	0.414	568.714	1439.6	0.999	14.71
8/11/2017 12:45	139500	19.731	16.13	44.972	694.3	835.927	0.413	568.431	1440.299	0.999	14.716
8/11/2017 13:00	140400	19.724	16.129	44.956	694.788	836.518	0.414	568.832	1439.288	0.999	14.715
8/11/2017 13:15	141300	19.731	16.129	44.973	694.614	836.333	0.414	568.696	1439.649	0.999	14.71
8/11/2017 13:30	142200	19.738	16.128	44.988	694.533	836.23	0.414	568.636	1439.816	0.999	14.703
8/11/2017 13:45	143100	19.729	16.129	44.968	694.53	836.214	0.414	568.625	1439.823	0.999	14.708
8/11/2017 14:00	144000	19.725	16.129	44.96	694.71	836.427	0.414	568.77	1439.45	0.999	14.709
8/11/2017 14:15	144900	19.722	16.129	44.953	694.426	836.092	0.413	568.543	1440.038	0.999	14.712
8/11/2017 14:30	145800	19.729	16.129	44.969	694.564	836.251	0.414	568.651	1439.		

8/12/2017 22:15	260100	19.721	16.127	44.95	694.715	836.478	0.414	568.805	1439.438	0.999	14.7
8/12/2017 22:30	261000	19.727	16.128	44.964	694.386	836.068	0.413	568.526	1440.121	0.999	14.695
8/12/2017 22:45	261900	19.732	16.128	44.974	694.796	836.547	0.414	568.852	1439.271	0.999	14.693
8/12/2017 23:00	262800	19.718	16.129	44.942	694.542	836.232	0.414	568.638	1439.798	0.999	14.7
8/12/2017 23:15	263700	19.719	16.128	44.945	694.592	836.311	0.414	568.692	1439.693	0.999	14.698
8/12/2017 23:30	264600	19.725	16.128	44.959	694.708	836.458	0.414	568.791	1439.453	0.999	14.7
8/12/2017 23:45	265500	19.723	16.127	44.954	694.682	836.374	0.414	568.77	1439.509	0.999	14.701
8/13/2017 0:00	266400	19.724	16.127	44.958	694.581	836.313	0.414	568.693	1439.717	0.999	14.701
8/13/2017 0:15	267300	19.724	16.127	44.957	694.8	836.585	0.414	568.878	1439.263	0.999	14.701
8/13/2017 0:30	268200	19.723	16.127	44.956	694.7	836.459	0.414	568.792	1439.471	0.999	14.702
8/13/2017 0:45	269100	19.73	16.127	44.97	694.727	836.495	0.414	568.817	1439.415	0.999	14.692
8/13/2017 1:00	270000	19.727	16.127	44.964	694.951	836.752	0.414	568.991	1438.95	0.999	14.696
8/13/2017 1:15	270900	19.72	16.127	44.947	694.67	836.514	0.414	568.751	1439.531	0.999	14.7
8/13/2017 1:30	271800	19.722	16.128	44.951	694.718	836.468	0.414	568.798	1439.432	0.999	14.696
8/13/2017 1:45	272700	19.725	16.127	44.96	694.593	836.321	0.414	568.698	1439.691	0.999	14.695
8/13/2017 2:00	273600	19.723	16.127	44.956	694.581	836.321	0.414	568.698	1439.718	0.999	14.694
8/13/2017 2:15	274500	19.722	16.127	44.953	694.644	836.397	0.414	568.75	1439.585	0.999	14.693
8/13/2017 2:30	275400	19.72	16.127	44.948	694.788	836.57	0.414	568.867	1439.289	0.999	14.695
8/13/2017 2:45	276300	19.715	16.127	44.937	694.575	836.314	0.414	568.693	1439.73	0.999	14.695
8/13/2017 3:00	277200	19.722	16.127	44.952	694.755	836.524	0.414	568.837	1439.355	0.999	14.692
8/13/2017 3:15	278100	19.721	16.127	44.949	694.825	836.605	0.414	568.892	1439.211	0.999	14.694
8/13/2017 3:30	279000	19.718	16.128	44.944	694.686	836.427	0.414	568.77	1439.5	0.999	14.692
8/13/2017 3:45	279900	19.716	16.128	44.939	694.764	836.524	0.414	568.837	1439.338	0.999	14.694
8/13/2017 4:00	280800	19.722	16.127	44.952	694.707	836.468	0.414	568.798	1439.456	0.999	14.691
8/13/2017 4:15	281700	19.717	16.128	44.94	694.938	836.734	0.414	568.979	1439.977	0.999	14.692
8/13/2017 4:30	282600	19.724	16.127	44.958	694.71	836.464	0.414	568.796	1439.45	0.999	14.689
8/13/2017 4:45	283500	19.716	16.129	44.939	694.804	836.553	0.414	568.856	1439.256	0.999	14.698
8/13/2017 5:00	284400	19.725	16.128	44.96	694.901	836.685	0.414	568.946	1439.053	0.999	14.691
8/13/2017 5:15	285300	19.722	16.126	44.952	694.671	836.438	0.414	568.778	1439.531	0.999	14.693
8/13/2017 5:30	286200	19.719	16.127	44.945	694.734	836.507	0.414	568.825	1439.4	0.999	14.695
8/13/2017 5:45	287100	19.713	16.127	44.932	694.803	836.583	0.413	568.876	1439.258	0.999	14.7
8/13/2017 6:00	288000	19.718	16.126	44.943	694.809	836.602	0.414	568.89	1439.245	0.999	14.697
8/13/2017 6:15	288900	19.715	16.127	44.938	694.561	836.297	0.414	568.682	1439.758	0.999	14.704
8/13/2017 6:30	289800	19.718	16.127	44.944	694.915	836.719	0.414	568.969	1439.025	0.999	14.701
8/13/2017 6:45	290700	19.723	16.127	44.955	694.87	836.664	0.414	568.932	1439.118	0.999	14.698
8/13/2017 7:00	291600	19.719	16.127	44.945	694.778	836.546	0.414	568.851	1439.309	0.999	14.706
8/13/2017 7:15	292500	19.713	16.128	44.933	694.706	836.455	0.414	568.789	1439.458	0.999	14.703
8/13/2017 7:30	293400	19.72	16.127	44.948	694.659	836.407	0.414	568.757	1439.555	0.999	14.704
8/13/2017 7:45	294300	19.726	16.127	44.961	694.719	836.486	0.414	568.81	1439.431	0.999	14.701
8/13/2017 8:00	295200	19.718	16.126	44.944	694.775	836.558	0.414	568.859	1439.315	0.999	14.708
8/13/2017 8:15	296100	19.713	16.126	44.932	694.731	836.511	0.414	568.828	1439.407	0.999	14.714
8/13/2017 8:30	297000	19.718	16.127	44.944	694.755	836.525	0.414	568.837	1439.357	0.999	14.71
8/13/2017 8:45	297900	19.719	16.127	44.946	694.837	836.55	0.414	568.869	1439.186	0.999	14.714
8/13/2017 9:00	298800	19.712	16.128	44.931	694.673	836.415	0.414	568.762	1439.527	0.999	14.716
8/13/2017 9:15	299700	19.715	16.127	44.937	694.791	836.572	0.414	568.869	1439.282	0.999	14.719
8/13/2017 9:30	300600	19.715	16.126	44.936	694.515	836.254	0.414	568.652	1439.854	0.999	14.716
8/13/2017 9:45	301500	19.715	16.127	44.936	694.757	836.529	0.414	568.84	1439.353	0.999	14.723
8/13/2017 10:00	302400	19.717	16.127	44.941	694.612	836.349	0.414	568.718	1439.654	0.999	14.721
8/13/2017 10:15	303300	19.72	16.126	44.949	694.593	836.326	0.414	568.71	1439.693	0.999	14.723
8/13/2017 10:30	304200	19.717	16.127	44.942	694.693	836.448	0.414	568.785	1439.484	0.999	14.723
8/13/2017 10:45	305100	19.713	16.127	44.933	694.837	836.624	0.414	568.905	1439.186	0.999	14.725
8/13/2017 11:00	306000	19.714	16.127	44.933	694.246	835.919	0.413	568.425	1440.412	0.999	14.728
8/13/2017 11:15	306900	19.712	16.126	44.929	694.993	836.83	0.414	569.045	1438.864	0.999	14.73
8/13/2017 11:30	307800	19.718	16.126	44.944	694.472	836.196	0.414	568.614	1439.943	0.999	14.723
8/13/2017 11:45	308700	19.714	16.126	44.935	694.645	836.406	0.414	568.756	1439.585	0.999	14.728
8/13/2017 12:00	309600	19.717	16.126	44.941	694.603	836.352	0.414	568.719	1439.672	0.999	14.727
8/13/2017 12:15	310500	19.717	16.127	44.94	694.705	836.465	0.414	568.796	1439.461	0.999	14.724
8/13/2017 12:30	311400	19.709	16.126	44.924	694.661	836.421	0.414	568.766	1439.551	0.999	14.728
8/13/2017 12:45	312300	19.72	16.125	44.949	694.546	836.306	0.414	568.688	1439.789	0.999	14.723
8/13/2017 13:00	313200	19.705	16.126	44.915	694.509	836.243	0.414	568.646	1439.865	0.999	14.725
8/13/2017 13:15	314100	19.718	16.127	44.942	694.591	836.335	0.414	568.708	1439.696	0.999	14.721
8/13/2017 13:30	315000	19.718	16.126	44.945	694.58	836.323	0.414	568.7	1439.719	0.999	14.719
8/13/2017 13:45	315900	19.711	16.126	44.928	694.64	836.402	0.414	568.753	1439.595	0.999	14.726
8/13/2017 14:00	316800	19.72	16.126	44.947	694.308	835.997	0.413	568.478	1440.284	0.999	14.718
8/13/2017 14:15	317700	19.715	16.126	44.936	694.7	836.478	0.414	568.805	1439.471	0.999	14.722
8/13/2017 14:30	318600	19.714	16.127	44.934	694.87	836.669	0.414	568.935	1439.119	0.999	14.724
8/13/2017 14:45	319500	19.717	16.126	44.942	694.624	836.376	0.414	568.736	1439.628	0.999	14.719
8/13/2017 15:00	320400	19.711	16.127	44.929	694.441	836.253	0.414	568.578	1440.006	0.999	14.716
8/13/2017 15:15	321300	19.721	16.127	44.949	694.528	836.253	0.414	568.652	1439.828	0.999	14.71
8/13/2017 15:30	322200	19.72	16.127	44.948	694.503	836.214	0.414	568.625	1439.879	0.999	14.711
8/13/2017 15:45	323100	19.719	16.127	44.946	694.461	836.165	0.413	568.592	1439.965	0.999	14.708
8/13/2017 16:00	324000	19.716	16.127	44.939	694.529	836.25	0.414	568.65	1439.824	0.999	14.708
8/13/2017 16:15	324900	19.718	16.127	44.944	694.476	836.188	0.414	568.608	1439.934	0.999	14.702
8/13/2017 16:30	325800	19.716	16.127	44.939	694.442	836.144	0.413	568.578	1440.005	0.999	14.705
8/13/2017 16:45	326700	19.714	16.127	44.934	694.606	836.346	0.414	568.715	1439.666	0.999	14.704
8/13/2017 17:00	327600	19.722	16.126	44.953	694.567	836.313	0.414	568.693	1439.746	0.999	14.698
8/13/2017 17:15	328500	19.717	16.126	44.94	694.691	836.466	0.414	568.797	1439.488	0.999	14.703
8/13/2017 17:30	329400	19.717	16.126	44.941	694.763	836.558	0.414	568.86	1439.341	0.999	14.699
8/13/2017 17:45	330300	19.718	16.126	44.943	694.405	836.119	0.413	568.561	1440.082	0.999	14.696
8/13/2017 18:00	331200	19.722	16.126	44.953	694.481	836.226	0.414	568.626	1439.924	0.999	14.695
8/13/2017 18:15	332100	19.721	16.126	44.951	694.411	836.139	0.413	568.574	1440.069	0.999	14.693
8/13/2017 18:30	333000	19.718	16.126	44.943	694.492	836.227	0.414	568.634	1439.902	0.999	14.692
8/13/2017 18:45	333900	19.716	16.126	44.94	694.266	835.963	0.413	568.455	1440.371	0.999	14.69
8/13/2017 19:00	334800	19.719	16.126	44.946	694.155	835.828	0.413	568.363	1440.601	0.999	14.686
8/13/2017 19:15	335700										

8/15/2017 3:00	450000	19.718	16.125	44.942	694.413	836.146	0.413	568.579	1440.065	0.999	14.675
8/15/2017 3:15	450900	19.709	16.126	44.922	694.692	836.475	0.414	568.803	1439.487	0.999	14.679
8/15/2017 3:30	451800	19.716	16.126	44.938	694.444	836.171	0.413	568.596	1440.002	0.999	14.672
8/15/2017 3:45	452700	19.719	16.125	44.945	694.562	836.325	0.414	568.701	1439.757	0.999	14.674
8/15/2017 4:00	453600	19.724	16.125	44.957	694.585	836.359	0.414	568.724	1439.71	0.999	14.669
8/15/2017 4:15	454500	19.719	16.125	44.946	694.421	836.166	0.413	568.593	1440.049	0.999	14.672
8/15/2017 4:30	455400	19.708	16.125	44.921	694.55	836.324	0.414	568.701	1439.781	0.999	14.67
8/15/2017 4:45	456300	19.715	16.125	44.937	694.37	836.102	0.413	568.549	1440.155	0.999	14.673
8/15/2017 5:00	457200	19.721	16.126	44.95	694.417	836.143	0.413	568.577	1440.058	0.999	14.668
8/15/2017 5:15	458100	19.712	16.125	44.93	694.358	836.078	0.413	568.533	1440.179	0.999	14.672
8/15/2017 5:30	459000	19.717	16.125	44.941	694.75	836.552	0.414	568.856	1439.366	0.999	14.673
8/15/2017 5:45	459900	19.711	16.125	44.927	694.644	836.433	0.414	568.774	1439.586	0.999	14.673
8/15/2017 6:00	460800	19.713	16.124	44.932	694.552	836.339	0.414	568.711	1439.776	0.999	14.674
8/15/2017 6:15	461700	19.703	16.124	44.908	694.224	835.941	0.413	568.44	1440.458	0.999	14.677
8/15/2017 6:30	462600	19.718	16.124	44.944	694.618	836.419	0.414	568.765	1439.641	0.999	14.669
8/15/2017 6:45	463500	19.715	16.124	44.937	694.454	836.216	0.414	568.627	1439.98	0.999	14.677
8/15/2017 7:00	464400	19.703	16.125	44.91	694.559	836.318	0.414	568.696	1439.763	0.999	14.685
8/15/2017 7:15	465300	19.717	16.126	44.941	694.333	836.036	0.413	568.504	1440.232	0.999	14.682
8/15/2017 7:30	466200	19.723	16.125	44.955	694.604	836.362	0.414	568.726	1439.669	0.999	14.679
8/15/2017 7:45	467100	19.716	16.125	44.939	694.385	836.111	0.413	568.555	1440.123	0.999	14.685
8/15/2017 8:00	468000	19.711	16.125	44.927	694.432	836.174	0.413	568.598	1440.026	0.999	14.691
8/15/2017 8:15	468900	19.717	16.125	44.941	694.368	836.1	0.413	568.548	1440.158	0.999	14.689
8/15/2017 8:30	469800	19.708	16.125	44.92	694.583	836.356	0.414	568.722	1439.712	0.999	14.694
8/15/2017 8:45	470700	19.713	16.127	44.932	694.359	836.052	0.413	568.516	1440.177	0.999	14.694
8/15/2017 9:00	471600	19.712	16.126	44.93	694.388	836.097	0.413	568.546	1440.117	0.999	14.693
8/15/2017 9:15	472500	19.72	16.125	44.949	694.474	836.229	0.414	568.636	1439.939	0.999	14.69
8/15/2017 9:30	473400	19.71	16.125	44.925	694.32	836.042	0.413	568.509	1440.258	0.999	14.697
8/15/2017 9:45	474300	19.715	16.125	44.937	694.527	836.294	0.414	568.68	1439.83	0.999	14.693
8/15/2017 10:00	475200	19.708	16.125	44.922	694.381	836.12	0.413	568.561	1440.131	0.999	14.702
8/15/2017 10:15	476100	19.72	16.124	44.947	694.346	836.083	0.413	568.536	1440.203	0.999	14.695
8/15/2017 10:30	477000	19.707	16.124	44.918	694.393	836.137	0.413	568.573	1440.107	0.999	14.701
8/15/2017 10:45	477900	19.707	16.124	44.917	694.603	836.403	0.414	568.754	1439.672	0.999	14.707
8/15/2017 11:00	478800	19.711	16.124	44.928	694.418	836.18	0.414	568.602	1440.056	0.999	14.703
8/15/2017 11:15	479700	19.713	16.124	44.931	694.367	836.115	0.413	568.558	1440.16	0.999	14.702
8/15/2017 11:30	480600	19.712	16.124	44.929	694.389	836.137	0.413	568.573	1440.116	0.999	14.703
8/15/2017 11:45	481500	19.705	16.125	44.913	694.352	836.084	0.413	568.537	1440.192	0.999	14.71
8/15/2017 12:00	482400	19.713	16.123	44.933	694.521	836.3	0.414	568.684	1439.819	0.999	14.701
8/15/2017 12:15	483300	19.72	16.124	44.947	694.384	836.128	0.413	568.567	1440.125	0.999	14.696
8/15/2017 12:30	484200	19.7	16.124	44.901	694.367	836.108	0.413	568.554	1440.162	0.999	14.709
8/15/2017 12:45	485100	19.715	16.125	44.937	694.363	836.099	0.413	568.547	1440.169	0.999	14.699
8/15/2017 13:00	486000	19.709	16.125	44.923	694.361	836.088	0.413	568.54	1440.173	0.999	14.704
8/15/2017 13:15	486900	19.721	16.126	44.95	694.361	836.078	0.413	568.533	1440.173	0.999	14.699
8/15/2017 13:30	487800	19.712	16.125	44.931	694.39	836.127	0.413	568.547	1440.112	0.999	14.704
8/15/2017 13:45	488700	19.708	16.124	44.92	694.257	835.98	0.413	568.466	1440.389	0.999	14.706
8/15/2017 14:00	489600	19.717	16.125	44.942	694.303	836.021	0.413	568.495	1440.294	0.999	14.699
8/15/2017 14:15	490500	19.717	16.124	44.941	694.322	836.053	0.413	568.516	1440.254	0.999	14.699
8/15/2017 14:30	491400	19.711	16.125	44.927	694.253	835.967	0.413	568.458	1440.396	0.999	14.699
8/15/2017 14:45	492300	19.719	16.124	44.945	694.447	836.219	0.414	568.629	1439.994	0.999	14.696
8/15/2017 15:00	493200	19.711	16.126	44.927	694.299	836.037	0.413	568.502	1440.302	0.999	14.7
8/15/2017 15:15	494100	19.717	16.124	44.941	694.377	836.128	0.413	568.567	1440.14	0.999	14.698
8/15/2017 15:30	495000	19.71	16.124	44.925	694.44	836.206	0.414	568.62	1440.008	0.999	14.698
8/15/2017 15:45	495900	19.71	16.124	44.926	694.342	836.086	0.413	568.539	1440.212	0.999	14.7
8/15/2017 16:00	496800	19.716	16.124	44.939	694.382	836.13	0.413	568.568	1440.13	0.999	14.694
8/15/2017 16:15	497700	19.713	16.125	44.931	694.246	835.954	0.413	568.448	1440.411	0.999	14.694
8/15/2017 16:30	498600	19.714	16.124	44.934	694.24	835.956	0.413	568.45	1440.425	0.999	14.695
8/15/2017 16:45	499500	19.718	16.125	44.944	694.403	836.024	0.413	568.466	1440.293	0.999	14.691
8/15/2017 17:00	500400	19.719	16.124	44.946	694.456	836.215	0.414	568.626	1439.976	0.999	14.691
8/15/2017 17:15	501300	19.717	16.125	44.94	694.321	836.048	0.413	568.513	1440.256	0.999	14.695
8/15/2017 17:30	502200	19.716	16.126	44.939	694.37	836.08	0.413	568.535	1440.155	0.999	14.695
8/15/2017 17:45	503100	19.714	16.125	44.934	694.586	836.361	0.414	568.725	1439.707	0.999	14.695
8/15/2017 18:00	504000	19.714	16.124	44.934	694.338	836.081	0.413	568.535	1440.22	0.999	14.692
8/15/2017 18:15	504900	19.718	16.124	44.942	694.398	836.15	0.413	568.582	1440.096	0.999	14.694
8/15/2017 18:30	505800	19.714	16.124	44.933	694.332	836.067	0.413	568.526	1440.233	0.999	14.689
8/15/2017 18:45	506700	19.712	16.124	44.931	694.285	836.009	0.413	568.486	1440.33	0.999	14.69
8/15/2017 19:00	507600	19.711	16.124	44.928	694.473	836.237	0.414	568.641	1439.94	0.999	14.693
8/15/2017 19:15	508500	19.711	16.125	44.928	694.311	836.037	0.413	568.505	1440.276	0.999	14.69
8/15/2017 19:30	509400	19.71	16.124	44.926	694.369	836.123	0.413	568.564	1440.157	0.999	14.691
8/15/2017 19:45	510300	19.714	16.124	44.935	694.496	836.28	0.414	568.67	1439.893	0.999	14.69
8/15/2017 20:00	511200	19.712	16.124	44.929	694.321	836.065	0.413	568.525	1440.256	0.999	14.69
8/15/2017 20:15	512100	19.712	16.125	44.929	694.314	836.038	0.413	568.506	1440.271	0.999	14.695
8/15/2017 20:30	513000	19.71	16.124	44.925	694.301	836.029	0.413	568.5	1440.298	0.999	14.695
8/15/2017 20:45	513900	19.716	16.125	44.939	694.365	836.102	0.413	568.549	1440.164	0.999	14.694
8/15/2017 21:00	514800	19.714	16.124	44.934	694.422	836.175	0.414	568.599	1440.046	0.999	14.698
8/15/2017 21:15	515700	19.711	16.125	44.928	694.272	835.928	0.413	568.476	1440.358	0.999	14.696
8/15/2017 21:30	516600	19.716	16.124	44.938	694.471	836.236	0.414	568.641	1439.944	0.999	14.703
8/15/2017 21:45	517500	19.714	16.125	44.933	694.335	836.055	0.413	568.518	1440.227	0.999	14.701
8/15/2017 22:00	518400	19.708	16.124	44.92	694.233	835.946	0.413	568.443	1440.438	0.999	14.707
8/15/2017 22:15	519300	19.721	16.124	44.951	694.698	836.509	0.414	568.826	1439.474	0.999	14.701
8/15/2017 22:30	520200	19.708	16.125	44.921	694.461	836.214	0.414	568.626	1439.965	0.999	14.712
8/15/2017 22:45	521100	19.708	16.124	44.924	694.48	836.247	0.414	568.649	1439.925	0.999	14.709
8/15/2017 23:00	522000	19.709	16.124	44.923	694.393	836.147	0.413	568.58	1440.107	0.999	14.709
8/15/2017 23:15	522900	19.713	16.124	44.933	694.345	836.095	0.413	568.544	1440.206	0.999	14.706
8/15/2017 23:30	523800	19.711	16.124	44.928	694.335	836.074	0.413	568.53	1440.227	0.999	14.71
8/15/2017 23:45	524700	19.712	16.125	44.929	694.554	836.33	0.414	568.704	1439.772	0.999	14.704
8/16/2017 0:00	52										

Report Date: 8/18/2017 9:05
Report User Name: WMassoll
Report Computer Name: WKST52
Application: WinSitu.exe
Application Version: 5.6.27.1

Log File Properties
File Name MPWSP MW-9D LT_Test_2017-08-17_11-27-01-351-BaroMerge.wsl
Create Date 8/18/2017 9:00

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 6:00:00 AM Stop Time: 7/8/2016 11:30:00 AM
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 10:00:00 AM Stop Time: 5/26/2016 9:45:00 AM
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 1:15:00 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: 11/30/2016 10:00:00 PM Stop Time: 1/5/2017 9:45:00 AM
1/12/2017 15:49 Log Download - Used Battery: 19% 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: AVanKalsma Interval - Start Time: 3/15/2017 10:00:00 PM Stop Time: 3/23/2017 2:15:00 PM
8/18/2017 9:00 User Note: "Pressure & Level adjusted by baro data from: "MPWSP Barotroll_2017-08-17_15-14-23-201.wsl"

Log Data:
Record Count 726

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/cm)	Specific Conductivity (µS/cm)	Salinity (PSU)	Total Dissolved Solids (ppm)	Resistivity (ohm-cm)	Water Density (g/cm3)	Barometric Pressure (PSI)
8/10/2017 0:00	7200	148.728	21.086	343.407	688.053	743.641	0.367	505.676	1453.376	0.998	14.711
8/10/2017 0:15	8100	148.713	21.096	343.374	688.866	744.372	0.367	506.173	1451.667	0.998	14.714
8/10/2017 0:30	9000	148.727	21.093	343.407	689.887	745.527	0.368	506.959	1449.513	0.998	14.713
8/10/2017 0:45	9900	148.76	21.095	343.482	690.231	745.859	0.368	507.184	1448.79	0.998	14.714
8/10/2017 1:00	10800	148.732	21.093	343.418	689.774	745.401	0.368	506.873	1449.751	0.998	14.715
8/10/2017 1:15	11700	148.758	21.09	343.477	689.478	745.118	0.368	506.68	1450.372	0.998	14.717
8/10/2017 1:30	12600	148.736	21.095	343.427	690.177	745.802	0.368	507.145	1448.904	0.998	14.712
8/10/2017 1:45	13500	148.762	21.101	343.487	690.434	745.992	0.368	507.274	1448.365	0.998	14.713
8/10/2017 2:00	14400	148.763	21.093	343.489	689.055	744.623	0.368	506.344	1451.263	0.998	14.712
8/10/2017 2:15	15300	148.73	21.09	343.413	687.597	743.097	0.367	505.306	1454.339	0.998	14.709
8/10/2017 2:30	16200	148.73	21.096	343.412	688.303	743.758	0.367	505.755	1452.849	0.998	14.713
8/10/2017 2:45	17100	148.761	21.088	343.484	688.179	743.759	0.367	505.756	1453.11	0.998	14.71
8/10/2017 3:00	18000	148.735	21.095	343.425	688.305	743.787	0.367	505.775	1452.845	0.998	14.708
8/10/2017 3:15	18900	148.711	21.093	343.368	688.727	744.268	0.367	506.102	1451.953	0.998	14.711
8/10/2017 3:30	19800	148.763	21.093	343.488	688.492	744.02	0.367	505.933	1452.45	0.998	14.708
8/10/2017 3:45	20700	148.722	21.095	343.395	688.669	744.179	0.367	506.042	1452.077	0.998	14.705
8/10/2017 4:00	21600	148.767	21.099	343.499	689.115	744.599	0.368	506.328	1451.136	0.998	14.701
8/10/2017 4:15	22500	148.755	21.092	343.471	689.432	745.048	0.368	506.632	1450.47	0.998	14.708
8/10/2017 4:30	23400	148.763	21.088	343.488	688.895	744.524	0.368	506.276	1451.601	0.998	14.708
8/10/2017 4:45	24300	148.769	21.094	343.502	688.882	744.422	0.367	506.207	1451.627	0.998	14.706
8/10/2017 5:00	25200	148.72	21.079	343.39	688.702	744.45	0.368	506.226	1452.007	0.998	14.702
8/10/2017 5:15	26100	148.76	21.09	343.482	688.126	743.665	0.367	505.692	1453.222	0.998	14.707
8/10/2017 5:30	27000	148.72	21.101	343.389	688.506	743.907	0.367	505.857	1452.419	0.998	14.7
8/10/2017 5:45	27900	148.76	21.101	343.483	688.367	743.762	0.367	505.758	1452.714	0.998	14.706
8/10/2017 6:00	28800	148.721	21.096	343.392	688.32	743.777	0.367	505.768	1452.814	0.998	14.707
8/10/2017 6:15	29700	148.708	21.101	343.362	688.558	743.968	0.367	505.898	1452.31	0.998	14.712
8/10/2017 6:30	30600	148.723	21.099	343.396	688.404	743.827	0.367	505.803	1452.635	0.998	14.712
8/10/2017 6:45	31500	148.716	21.089	343.38	687.517	743.017	0.367	505.252	1454.509	0.998	14.716
8/10/2017 7:00	32400	148.71	21.089	343.368	688.74	744.34	0.367	506.151	1451.927	0.998	14.717
8/10/2017 7:15	33300	148.731	21.09	343.416	690.695	746.436	0.369	507.576	1447.817	0.998	14.717
8/10/2017 7:30	34200	148.695	21.102	343.333	689.886	745.375	0.368	506.855	1449.514	0.998	14.718
8/10/2017 7:45	35100	148.705	21.081	343.356	688.507	744.209	0.367	506.062	1452.417	0.998	14.718
8/10/2017 8:00	36000	148.747	21.085	343.452	689.163	744.859	0.368	506.504	1451.036	0.998	14.715
8/10/2017 8:15	36900	148.714	21.082	343.377	689.812	745.614	0.368	507.018	1449.671	0.998	14.719
8/10/2017 8:30	37800	148.738	21.087	343.432	689.82	745.539	0.368	506.966	1449.653	0.998	14.721
8/10/2017 8:45	38700	148.721	21.088	343.392	690.318	746.062	0.368	507.322	1448.607	0.998	14.717
8/10/2017 9:00	39600	148.694	21.092	343.329	690.248	745.932	0.368	507.234	1448.755	0.998	14.719
8/10/2017 9:15	40500	148.727	21.097	343.406	690.895	746.542	0.369	507.649	1447.398	0.998	14.721
8/10/2017 9:30	41400	148.724	21.097	343.398	690.314	745.924	0.368	507.228	1448.617	0.998	14.717
8/10/2017 9:45	42300	148.718	21.101	343.385	690.64	746.215	0.368	507.426	1447.932	0.998	14.726
8/10/2017 10:00	43200	148.729	21.096	343.41	690.52	746.156	0.368	507.386	1448.185	0.998	14.713
8/10/2017 10:15	44100	148.72	21.093	343.389	689.87	745.507	0.368	506.945	1449.548	0.998	14.723
8/10/2017 10:30	45000	148.678	21.097	343.293	689.063	744.57	0.368	506.308	1451.246	0.998	14.729
8/10/2017 10:45	45900	148.73	21.087	343.412	689.771	744.771	0.368	506.444	1451.087	0.998	14.725
8/10/2017 11:00	46800	148.725	21.097	343.401	689.606	745.16	0.368	506.709	1450.103	0.998	14.732
8/10/2017 11:15	47700	148.687	21.098	343.313	689.203	744.707	0.368	506.401	1450.95	0.998	14.725
8/10/2017 11:30	48600	148.708	21.092	343.362	688.627	744.175	0.367	506.039	1452.166	0.998	14.729
8/10/2017 11:45	49500	148.711	21.094	343.369	689.239	744.8	0.368	506.464	1450.876	0.998	14.727
8/10/2017 12:00	50400	148.691	21.093	343.323	689.581	745.188	0.368	506.728	1450.155	0.998	14.725
8/10/2017 12:15	51300	148.709	21.096	343.364	689.863	745.454	0.368	506.909	1449.563	0.998	14.728
8/10/2017 12:30	52200	148.682	21.096	343.301	688.823	744.33	0.367	506.144	1451.75	0.998	14.724
8/10/2017 12:45	53100	148.728	21.094	343.408	690.428	745.013	0.368	506.609	1450.478	0.998	14.726
8/10/2017 13:00	54000	148.736	21.096	343.427	690.114	745.712	0.368	507.084	1449.036	0.998	14.728
8/10/2017 13:15	54900	148.731	21.087	343.415	689.983	745.719	0.368	507.089	1449.311	0.998	14.723
8/10/2017 13:30	55800	148.697	21.085	343.337	689.306	745.012	0.368	506.608	1450.734	0.998	14.729
8/10/2017 13:45	56700	148.733	21.092	343.42	689.678	745.307	0.368	506.809	1449.952	0.998	14.731
8/10/2017 14:00	57600	148.74	21.089	343.436	690.023	745.735	0.368	507.1	1449.227	0.998	14.722
8/10/2017 14:15	58500	148.708	21.086	343.362	689.368	745.608	0.368	507.013	1449.553	0.998	14.726
8/10/2017 14:30	59400	148.703	21.087	343.35	689.839	745.567	0.368	506.986	1449.613	0.998	14.727
8/10/2017 14:45	60300	148.739	21.099	343.433	690.296	745.875	0.368	507.195	1448.654	0.998	14.726
8/10/2017 15:00	61200	148.752	21.091	343.463	690.241	745.934	0.368	507.235	1448.769	0.998	14.724
8/10/2017 15:15	62100	148.711	21.093	343.369	690.475	746.153	0.368	507.384	1448.279	0.998	14.725
8/10/2017 15:30	63000	148.714	21.088	343.377	690.646	746.414	0.369	507.561	1447.92	0.998	14.714
8/10/2017 15:45	63900	148.761	21.098	343.485	691.224	746.88	0.369	507.879	1446.71	0.998	14.717
8/10/2017 16:00	64800	148.752	21.093	343.463	691.095	746.825	0.369	507.841	1446.979	0.998	14.72
8/10/2017 16:15	65700	148.749	21.09	343.457	690.947	745.679	0.368	507.679	1446.184	0.998	14.718
8/10/2017 16:30	66600	148.76	21.093	343.482	689.442	745.037	0.368	506.625	1450.448	0.998	14.716
8/10/2017 16:45	67500	148.714	21.103	343.375	690.314	745.823	0.368	507.16	1448.616	0.998	14.715
8/10/2017 17:00	68400	148.744	21.104	343.444	690.508	746.028	0.368	507.299	1448.208	0.998	14.713
8/10/2017 17:15	69300	148.748	21.105	343.454	689.209	744.6	0.368	506.328	1450.94	0.998	14.715

8/10/2017 17:30	70200	148.749	21.099	343.457	688.965	744.429	0.368	506.212	1451.453	0.998	14.709
8/10/2017 17:45	71100	148.755	21.096	343.47	689.322	744.868	0.368	506.51	1450.701	0.998	14.707
8/10/2017 18:00	72000	148.706	21.096	343.358	689.651	745.223	0.368	506.751	1450.009	0.998	14.712
8/10/2017 18:15	72900	148.753	21.1	343.466	690.044	745.589	0.368	507.001	1449.184	0.998	14.706
8/10/2017 18:30	73800	148.724	21.084	343.399	690.139	745.937	0.368	507.237	1448.984	0.998	14.702
8/10/2017 18:45	74700	148.707	21.088	343.36	689.729	745.431	0.368	506.893	1449.845	0.998	14.713
8/10/2017 19:00	75600	148.752	21.099	343.463	691.115	746.754	0.369	507.794	1446.336	0.999	14.707
8/10/2017 19:15	76500	148.742	21.094	343.44	691.471	747.214	0.369	508.105	1446.192	0.998	14.708
8/10/2017 19:30	77400	148.706	21.093	343.359	691.251	746.992	0.369	507.955	1446.652	0.998	14.705
8/10/2017 19:45	78300	148.722	21.091	343.394	690.807	746.546	0.369	507.652	1447.581	0.998	14.705
8/10/2017 20:00	79200	148.751	21.077	343.461	690.544	746.483	0.369	507.609	1448.133	0.998	14.704
8/10/2017 20:15	80100	148.704	21.079	343.353	690.66	746.571	0.369	507.669	1447.891	0.998	14.706
8/10/2017 20:30	81000	148.748	21.082	343.555	690.845	746.574	0.369	507.671	1447.504	0.998	14.7
8/10/2017 20:45	81900	148.749	21.094	343.457	691.952	747.729	0.369	508.456	1445.188	0.998	14.7
8/10/2017 21:00	82800	148.746	21.097	343.45	691.35	747.037	0.369	507.985	1446.446	0.998	14.702
8/10/2017 21:15	83700	148.736	21.097	343.426	690.29	745.898	0.368	507.211	1448.666	0.998	14.701
8/10/2017 21:30	84600	148.733	21.105	343.42	690.224	745.697	0.368	507.074	1448.806	0.998	14.704
8/10/2017 21:45	85500	148.732	21.104	343.418	689.366	744.791	0.368	506.458	1450.609	0.998	14.709
8/10/2017 22:00	86400	148.714	21.099	343.372	688.122	743.523	0.367	505.395	1453.23	0.998	14.698
8/10/2017 22:15	87300	148.707	21.086	343.36	689.967	745.712	0.368	507.084	1449.345	0.998	14.705
8/10/2017 22:30	88200	148.703	21.091	343.35	690.329	746.026	0.368	507.297	1448.584	0.998	14.71
8/10/2017 22:45	89100	148.732	21.096	343.417	690.5	746.137	0.368	507.373	1448.227	0.998	14.706
8/10/2017 23:00	90000	148.736	21.094	343.426	691.062	746.78	0.369	507.811	1447.047	0.998	14.714
8/10/2017 23:15	90900	148.714	21.099	343.375	691.09	746.731	0.369	507.777	1446.989	0.998	14.705
8/10/2017 23:30	91800	148.74	21.094	343.435	691.458	747.198	0.369	508.095	1446.22	0.998	14.71
8/10/2017 23:45	92700	148.722	21.086	343.394	690.281	746.053	0.368	507.316	1448.685	0.998	14.701
8/11/2017 0:00	93600	148.756	21.096	343.473	690.135	745.748	0.368	507.109	1448.992	0.998	14.706
8/11/2017 0:15	94500	148.747	21.095	343.452	690.472	746.118	0.368	507.361	1448.284	0.998	14.706
8/11/2017 0:30	95400	148.759	21.095	343.48	689.386	744.949	0.368	506.565	1450.566	0.998	14.711
8/11/2017 0:45	96300	148.756	21.092	343.472	688.748	744.311	0.367	506.132	1451.191	0.998	14.707
8/11/2017 1:00	97200	148.756	21.104	343.474	688.723	744.093	0.367	505.983	1451.963	0.998	14.706
8/11/2017 1:15	98100	148.721	21.091	343.392	688.365	743.911	0.367	505.859	1452.718	0.998	14.709
8/11/2017 1:30	99000	148.769	21.1	343.503	688.365	743.763	0.367	505.759	1452.718	0.998	14.702
8/11/2017 1:45	99900	148.731	21.089	343.414	689.365	745.022	0.368	506.615	1450.611	0.998	14.704
8/11/2017 2:00	100800	148.775	21.092	343.517	689.362	744.969	0.368	506.579	1450.616	0.998	14.7
8/11/2017 2:15	101700	148.737	21.091	343.429	689.488	745.122	0.368	506.683	1450.352	0.998	14.706
8/11/2017 2:30	102600	148.732	21.083	343.419	689.587	745.349	0.368	506.837	1450.143	0.998	14.71
8/11/2017 2:45	103500	148.773	21.09	343.513	689.579	745.231	0.368	506.757	1450.161	0.998	14.702
8/11/2017 3:00	104400	148.785	21.09	343.539	690.032	745.717	0.368	507.088	1449.209	0.998	14.7
8/11/2017 3:15	105300	148.78	21.091	343.529	689.976	745.646	0.368	507.039	1449.325	0.998	14.707
8/11/2017 3:30	106200	148.747	21.088	343.452	689.627	745.312	0.368	506.812	1450.06	0.998	14.704
8/11/2017 3:45	107100	148.783	21.093	343.536	690.498	746.178	0.368	507.401	1448.231	0.998	14.704
8/11/2017 4:00	108000	148.76	21.086	343.481	690.416	746.419	0.368	507.419	1448.402	0.998	14.702
8/11/2017 4:15	108900	148.793	21.083	343.558	690.227	746.042	0.368	507.309	1448.8	0.998	14.701
8/11/2017 4:30	109800	148.773	21.096	343.513	690.329	745.948	0.368	507.245	1448.586	0.998	14.71
8/11/2017 4:45	110700	148.751	21.087	343.462	690.214	745.965	0.368	507.256	1448.825	0.998	14.707
8/11/2017 5:00	111600	148.784	21.089	343.538	689.574	745.251	0.368	506.77	1450.172	0.998	14.702
8/11/2017 5:15	112500	148.752	21.092	343.465	690.857	746.584	0.369	507.677	1447.477	0.998	14.699
8/11/2017 5:30	113400	148.783	21.091	343.536	690.996	746.743	0.369	507.785	1447.187	0.998	14.709
8/11/2017 5:45	114300	148.772	21.097	343.511	691.334	747.027	0.369	507.978	1446.478	0.998	14.704
8/11/2017 6:00	115200	148.78	21.094	343.528	691.365	747.103	0.369	508.03	1446.414	0.998	14.702
8/11/2017 6:15	116100	148.735	21.093	343.424	691.02	746.74	0.369	507.783	1447.135	0.998	14.703
8/11/2017 6:30	117000	148.766	21.101	343.495	691.126	746.742	0.369	507.785	1446.914	0.998	14.705
8/11/2017 6:45	117900	148.761	21.095	343.484	690.887	746.567	0.369	507.666	1447.415	0.998	14.704
8/11/2017 7:00	118800	148.75	21.092	343.46	689.257	744.853	0.368	506.5	1450.838	0.998	14.708
8/11/2017 7:15	119700	148.757	21.104	343.476	689.364	744.781	0.368	506.451	1450.612	0.998	14.705
8/11/2017 7:30	120600	148.707	21.097	343.359	689.269	744.794	0.368	506.46	1450.812	0.998	14.711
8/11/2017 7:45	121500	148.7	21.094	343.343	689.186	744.745	0.368	506.426	1450.986	0.998	14.712
8/11/2017 8:00	122400	148.704	21.093	343.353	690.032	745.684	0.368	507.065	1449.209	0.998	14.708
8/11/2017 8:15	123300	148.709	21.086	343.364	690.34	746.115	0.368	507.358	1448.561	0.998	14.711
8/11/2017 8:30	124200	148.751	21.091	343.416	690.919	746.663	0.369	507.731	1447.348	0.998	14.718
8/11/2017 8:45	125100	148.732	21.094	343.419	691.327	747.059	0.369	507.999	1446.494	0.998	14.709
8/11/2017 9:00	126000	148.718	21.099	343.386	691.645	747.329	0.369	508.184	1445.828	0.998	14.713
8/11/2017 9:15	126900	148.699	21.083	343.342	690.899	746.771	0.369	507.804	1447.389	0.998	14.713
8/11/2017 9:30	127800	148.696	21.093	343.334	690.612	746.31	0.368	507.491	1447.99	0.998	14.718
8/11/2017 9:45	128700	148.728	21.088	343.408	691.002	746.805	0.369	507.828	1447.174	0.998	14.718
8/11/2017 10:00	129600	148.737	21.084	343.429	690.909	746.762	0.369	507.798	1447.369	0.998	14.712
8/11/2017 10:15	130500	148.687	21.092	343.313	692.029	747.854	0.369	508.541	1445.026	0.998	14.714
8/11/2017 10:30	131400	148.715	21.103	343.379	692.454	748.138	0.369	508.734	1444.139	0.998	14.721
8/11/2017 10:45	132300	148.7	21.087	343.344	692.517	748.448	0.37	508.945	1444.008	0.998	14.718
8/11/2017 11:00	133200	148.725	21.087	343.4	692.409	748.346	0.37	508.875	1444.233	0.998	14.718
8/11/2017 11:15	134100	148.735	21.085	343.425	691.47	747.359	0.369	508.204	1446.195	0.998	14.717
8/11/2017 11:30	135000	148.733	21.094	343.419	691.236	746.97	0.369	507.939	1446.683	0.998	14.72
8/11/2017 11:45	135900	148.74	21.097	343.437	691.374	747.059	0.369	508	1446.394	0.998	14.712
8/11/2017 12:00	136800	148.735	21.1	343.426	690.734	746.332	0.368	507.506	1447.736	0.998	14.716
8/11/2017 12:15	137700	148.735	21.098	343.425	690.4	745.99	0.368	507.273	1448.436	0.998	14.719
8/11/2017 12:30	138600	148.758	21.098	343.478	689.352	744.87	0.368	506.512	1450.637	0.998	14.716
8/11/2017 12:45	139500	148.74	21.091	343.436	690.073	745.755	0.368	507.113	1449.121	0.998	14.711
8/11/2017 13:00	140400	148.752	21.094	343.463	691.203	746.934	0.369	507.915	1446.752	0.998	14.715
8/11/2017 13:15	141300	148.757	21.086	343.474	690.684	746.474	0.369	507.616	1447.84	0.998	14.71
8/11/2017 13:30	142200	148.772	21.093	343.509	690.388	746.066	0.368	507.325	1448.461	0.998	14.703
8/11/2017 13:45	143100	148.763	21.101	343.489	691.111	746.716	0.369	507.767	1446.945	0.998	14.708
8/11/2017 14:00	144000	148.771	21.093	343.507	690.92	746.638	0.369	507.714	1447.345	0.998	14.709
8/11/2017 14:15	144900	148.768	21.103	343.5							

8/12/2017 22:15	260100	148.813	21.083	343.606	690.254	746.064	0.368	507.324	1448.742	0.998	14.7
8/12/2017 22:30	261000	148.786	21.088	343.541	690.326	746.077	0.368	507.333	1448.591	0.998	14.695
8/12/2017 22:45	261900	148.816	21.086	343.612	691.495	747.362	0.369	508.206	1446.143	0.998	14.693
8/12/2017 23:00	262800	148.77	21.088	343.505	692.941	748.893	0.37	509.247	1443.124	0.998	14.7
8/12/2017 23:15	263700	148.763	21.092	343.49	692.909	748.801	0.37	509.185	1443.192	0.998	14.698
8/12/2017 23:30	264600	148.793	21.092	343.559	693.391	749.32	0.37	509.537	1442.188	0.998	14.7
8/12/2017 23:45	265500	148.765	21.094	343.493	692.298	749.595	0.37	509.452	1442.881	0.998	14.701
8/13/2017 0:00	266400	148.802	21.088	343.58	692.529	748.459	0.37	508.952	1443.982	0.998	14.701
8/13/2017 0:15	267300	148.793	21.082	343.559	692.172	748.153	0.369	508.744	1444.728	0.998	14.701
8/13/2017 0:30	268200	148.79	21.098	343.553	692.695	748.478	0.37	508.965	1443.637	0.998	14.702
8/13/2017 0:45	269100	148.795	21.094	343.563	692.534	748.363	0.37	508.887	1443.973	0.998	14.692
8/13/2017 1:00	270000	148.778	21.095	343.524	693.37	749.248	0.37	509.489	1442.231	0.998	14.696
8/13/2017 1:15	270900	148.748	21.089	343.553	692.835	748.754	0.37	509.16	1443.346	0.998	14.7
8/13/2017 1:30	271800	148.779	21.093	343.527	693.43	749.343	0.37	509.553	1442.106	0.998	14.696
8/13/2017 1:45	272700	148.748	21.088	343.455	693.41	749.4	0.37	509.592	1442.147	0.998	14.695
8/13/2017 2:00	273600	148.744	21.072	343.446	692.307	748.463	0.37	508.955	1444.446	0.998	14.694
8/13/2017 2:15	274500	148.742	21.077	343.44	692.645	748.747	0.37	509.148	1443.74	0.998	14.693
8/13/2017 2:30	275400	148.78	21.084	343.528	692.527	748.51	0.37	508.987	1443.987	0.998	14.695
8/13/2017 2:45	276300	148.776	21.091	343.519	693.245	749.187	0.37	509.447	1442.492	0.998	14.695
8/13/2017 3:00	277200	148.728	21.096	343.409	693.5	749.383	0.37	509.581	1441.96	0.998	14.692
8/13/2017 3:15	278100	148.766	21.094	343.496	693.227	749.115	0.37	509.398	1442.53	0.998	14.694
8/13/2017 3:30	279000	148.721	21.096	343.393	693.093	748.932	0.37	509.274	1442.808	0.998	14.692
8/13/2017 3:45	279900	148.758	21.085	343.478	692.655	748.628	0.37	509.067	1443.72	0.998	14.694
8/13/2017 4:00	280800	148.763	21.093	343.49	692.512	748.356	0.37	508.882	1444.018	0.998	14.691
8/13/2017 4:15	281700	148.713	21.097	343.373	692.274	748.039	0.369	508.667	1444.515	0.998	14.692
8/13/2017 4:30	282600	148.765	21.093	343.494	692.211	748.029	0.369	508.659	1444.646	0.998	14.689
8/13/2017 4:45	283500	148.743	21.1	343.443	692.069	747.766	0.369	508.481	1444.943	0.998	14.698
8/13/2017 5:00	284400	148.756	21.103	343.472	692.439	748.128	0.369	508.727	1444.171	0.998	14.691
8/13/2017 5:15	285300	148.757	21.097	343.475	691.445	747.147	0.369	508.06	1446.246	0.998	14.693
8/13/2017 5:30	286200	148.748	21.096	343.454	690.979	746.646	0.369	507.72	1447.223	0.998	14.695
8/13/2017 5:45	287100	148.748	21.094	343.454	690.965	746.676	0.369	507.74	1447.251	0.998	14.7
8/13/2017 6:00	288000	148.744	21.089	343.445	691.029	746.818	0.369	507.836	1447.118	0.998	14.697
8/13/2017 6:15	288900	148.696	21.093	343.334	691.155	746.895	0.369	507.888	1446.854	0.998	14.704
8/13/2017 6:30	289800	148.742	21.091	343.441	691.393	747.183	0.369	508.085	1446.355	0.998	14.701
8/13/2017 6:45	290700	148.737	21.096	343.43	691.547	747.27	0.369	508.144	1446.033	0.998	14.698
8/13/2017 7:00	291600	148.736	21.097	343.427	691.41	747.1	0.369	508.028	1446.32	0.998	14.706
8/13/2017 7:15	292500	148.705	21.092	343.355	690.999	747.38	0.369	507.782	1447.181	0.998	14.703
8/13/2017 7:30	293400	148.7	21.089	343.344	692.123	747.592	0.369	508.634	1444.831	0.998	14.704
8/13/2017 7:45	294300	148.736	21.085	343.427	691.834	747.748	0.369	508.469	1445.434	0.998	14.701
8/13/2017 8:00	295200	148.725	21.085	343.401	692.456	748.413	0.37	508.921	1444.134	0.998	14.708
8/13/2017 8:15	296100	148.692	21.084	343.325	693.056	749.091	0.37	509.382	1442.885	0.998	14.714
8/13/2017 8:30	297000	148.731	21.078	343.415	693.492	749.653	0.37	509.764	1441.977	0.998	14.71
8/13/2017 8:45	297900	148.704	21.093	343.379	693.792	749.854	0.37	509.927	1441.354	0.998	14.714
8/13/2017 9:00	298800	148.725	21.084	343.402	693.837	749.934	0.37	509.955	1441.26	0.998	14.716
8/13/2017 9:15	299700	148.68	21.091	343.297	695.55	751.674	0.371	511.139	1437.711	0.998	14.719
8/13/2017 9:30	300600	148.719	21.1	343.387	696.348	752.39	0.372	511.625	1436.064	0.998	14.716
8/13/2017 9:45	301500	148.718	21.09	343.386	697.133	753.403	0.372	512.314	1434.446	0.998	14.723
8/13/2017 10:00	302400	148.684	21.089	343.306	696.993	753.255	0.372	512.214	1434.735	0.998	14.721
8/13/2017 10:15	303300	148.73	21.092	343.412	696.215	752.37	0.372	511.612	1436.338	0.998	14.723
8/13/2017 10:30	304200	148.709	21.086	343.365	695.567	751.788	0.371	511.202	1437.677	0.998	14.723
8/13/2017 10:45	305100	148.685	21.078	343.31	694.837	751.099	0.371	510.748	1439.186	0.998	14.725
8/13/2017 11:00	306000	148.7	21.095	343.344	694.511	750.486	0.371	510.331	1439.862	0.998	14.728
8/13/2017 11:15	306900	148.693	21.097	343.327	695.1	751.09	0.371	510.741	1438.642	0.998	14.73
8/13/2017 11:30	307800	148.71	21.089	343.366	693.695	749.704	0.37	509.799	1441.555	0.998	14.723
8/13/2017 11:45	308700	148.704	21.091	343.354	693.207	749.133	0.37	509.41	1442.571	0.998	14.728
8/13/2017 12:00	309600	148.714	21.092	343.376	693.47	749.408	0.37	509.597	1442.023	0.998	14.727
8/13/2017 12:15	310500	148.674	21.094	343.283	693.472	749.374	0.37	509.575	1442.02	0.998	14.724
8/13/2017 12:30	311400	148.709	21.085	343.364	693.587	749.645	0.37	509.759	1441.78	0.998	14.728
8/13/2017 12:45	312300	148.713	21.09	343.374	693.241	749.19	0.37	509.449	1442.5	0.998	14.723
8/13/2017 13:00	313200	148.707	21.093	343.361	694.04	750.004	0.37	510.003	1440.839	0.998	14.725
8/13/2017 13:15	314100	148.687	21.094	343.313	694.846	750.867	0.371	510.59	1439.168	0.998	14.721
8/13/2017 13:30	315000	148.714	21.1	343.375	694.272	750.148	0.37	510.148	1440.358	0.998	14.719
8/13/2017 13:45	315900	148.716	21.103	343.381	693.716	749.501	0.37	509.66	1441.512	0.998	14.726
8/13/2017 14:00	316800	148.717	21.098	343.384	692.262	748.009	0.369	508.646	1444.539	0.998	14.718
8/13/2017 14:15	317700	148.696	21.09	343.335	691.903	747.744	0.369	508.466	1445.289	0.998	14.722
8/13/2017 14:30	318600	148.734	21.093	343.422	692.295	748.122	0.369	508.723	1444.472	0.998	14.724
8/13/2017 14:45	319500	148.693	21.091	343.328	692.871	748.778	0.37	509.169	1443.27	0.998	14.719
8/13/2017 15:00	320400	148.733	21.097	343.421	693.54	749.412	0.37	509.601	1441.879	0.998	14.716
8/13/2017 15:15	321300	148.744	21.092	343.446	693.274	749.196	0.37	509.453	1442.431	0.998	14.71
8/13/2017 15:30	322200	148.742	21.092	343.44	692.594	748.468	0.37	508.958	1443.848	0.998	14.711
8/13/2017 15:45	323100	148.763	21.095	343.488	692.063	747.84	0.369	508.531	1444.955	0.998	14.708
8/13/2017 16:00	324000	148.755	21.088	343.471	691.694	747.546	0.369	508.331	1445.726	0.998	14.708
8/13/2017 16:15	324900	148.765	21.093	343.493	692.305	748.136	0.369	508.733	1444.451	0.998	14.702
8/13/2017 16:30	325800	148.72	21.104	343.389	693.397	747.923	0.37	509.413	1442.175	0.998	14.711
8/13/2017 16:45	326700	148.767	21.093	343.498	692.612	748.471	0.37	508.96	1443.809	0.998	14.704
8/13/2017 17:00	327600	148.773	21.091	343.511	692.779	748.668	0.37	509.095	1443.463	0.998	14.698
8/13/2017 17:15	328500	148.74	21.081	343.436	692.803	748.85	0.37	509.218	1443.412	0.998	14.703
8/13/2017 17:30	329400	148.749	21.083	343.456	693.695	749.789	0.37	509.856	1441.555	0.998	14.699
8/13/2017 17:45	330300	148.749	21.093	343.457	693.714	749.663	0.37	509.771	1441.516	0.998	14.696
8/13/2017 18:00	331200	148.76	21.093	343.482	695.252	751.324	0.371	510.8	1443.327	0.998	14.695
8/13/2017 18:15	332100	148.756	21.101	343.473	695.354	751.307	0.371	510.889	1438.115	0.998	14.693
8/13/2017 18:30	333000	148.755	21.088	343.471	695.318	751.464	0.371	510.996	1438.191	0.998	14.692
8/13/2017 18:45	333900	148.798	21.094	343.571	694.56	750.552	0.371	510.375	1439.76	0.998	14.69
8/13/2017 19:00	334800	148.801	21.096	343.577	694.628	75					

8/15/2017 3:00	450000	148.991	21.085	344.015	690.693	746.519	0.369	507.633	1447.821	0.998	14.675
8/15/2017 3:15	450900	148.943	21.088	343.905	690.92	746.713	0.369	507.765	1447.345	0.998	14.679
8/15/2017 3:30	451800	148.948	21.085	343.916	691.265	747.131	0.369	508.049	1446.623	0.998	14.672
8/15/2017 3:45	452700	148.971	21.094	343.97	692.196	747.994	0.369	508.636	1444.678	0.998	14.674
8/15/2017 4:00	453600	148.985	21.091	344.001	693.106	749.03	0.37	509.34	1442.782	0.998	14.669
8/15/2017 4:15	454500	148.98	21.098	343.99	693.208	749.028	0.37	509.39	1442.569	0.998	14.672
8/15/2017 4:30	455400	148.955	21.083	343.932	691.819	747.764	0.369	508.48	1445.464	0.998	14.67
8/15/2017 4:45	456300	148.988	21.088	344.009	692.259	748.167	0.369	508.753	1444.545	0.998	14.673
8/15/2017 5:00	457200	148.988	21.083	344.009	691.872	747.816	0.369	508.515	1445.355	0.998	14.668
8/15/2017 5:15	458100	148.956	21.081	343.934	691.738	747.699	0.369	508.435	1445.634	0.998	14.672
8/15/2017 5:30	459000	148.992	21.085	344.019	691.053	746.911	0.369	507.9	1447.067	0.998	14.673
8/15/2017 5:45	459900	148.997	21.084	344.03	691.529	747.431	0.369	508.253	1446.072	0.998	14.673
8/15/2017 6:00	460800	148.996	21.086	344.026	692.255	748.192	0.369	508.771	1444.553	0.998	14.674
8/15/2017 6:15	461700	148.955	21.094	343.933	692.621	748.465	0.37	508.957	1443.792	0.998	14.677
8/15/2017 6:30	462600	149.001	21.089	344.038	692.809	748.738	0.37	509.142	1443.399	0.998	14.669
8/15/2017 6:45	463500	148.971	21.098	343.969	692.714	748.497	0.37	508.978	1443.598	0.998	14.677
8/15/2017 7:00	464400	149.001	21.09	344.039	691.546	747.361	0.369	508.205	1446.035	0.998	14.685
8/15/2017 7:15	465300	149.018	21.1	344.077	692.247	747.962	0.369	508.614	1444.571	0.998	14.682
8/15/2017 7:30	466200	148.976	21.097	343.981	691	746.666	0.369	507.733	1447.178	0.998	14.679
8/15/2017 7:45	467100	148.964	21.089	343.953	691.135	746.928	0.369	507.911	1446.895	0.998	14.685
8/15/2017 8:00	468000	148.994	21.09	344.024	690.916	746.682	0.369	507.744	1447.353	0.998	14.691
8/15/2017 8:15	468900	148.956	21.1	343.934	691.257	746.893	0.369	507.888	1446.64	0.998	14.689
8/15/2017 8:30	469800	148.894	21.089	343.791	691.415	747.225	0.369	508.113	1446.31	0.998	14.694
8/15/2017 8:45	470700	148.903	21.09	343.812	690.754	746.504	0.369	507.623	1447.693	0.998	14.694
8/15/2017 9:00	471600	148.872	21.101	343.791	691.292	746.912	0.369	507.9	1446.567	0.998	14.693
8/15/2017 9:15	472500	148.85	21.091	343.689	691.527	747.324	0.369	508.18	1446.076	0.998	14.69
8/15/2017 9:30	473400	148.787	21.086	343.545	691.643	747.527	0.369	508.318	1445.832	0.998	14.697
8/15/2017 9:45	474300	148.8	21.096	343.575	693.388	749.252	0.37	509.491	1442.193	0.998	14.693
8/15/2017 10:00	475200	148.769	21.085	343.503	692.472	748.439	0.37	508.938	1444.101	0.998	14.702
8/15/2017 10:15	476100	148.71	21.084	343.367	692.351	748.33	0.369	508.864	1444.353	0.998	14.695
8/15/2017 10:30	477000	148.682	21.09	343.301	692.645	748.549	0.37	509.013	1443.741	0.998	14.701
8/15/2017 10:45	477900	148.696	21.091	343.334	693.696	749.674	0.37	509.778	1441.554	0.998	14.707
8/15/2017 11:00	478800	148.66	21.078	343.25	693.06	749.175	0.37	509.439	1442.876	0.998	14.703
8/15/2017 11:15	479700	148.646	21.091	343.219	694.062	750.069	0.37	510.047	1440.794	0.998	14.702
8/15/2017 11:30	480600	148.691	21.09	343.324	694.579	750.643	0.371	510.437	1439.721	0.998	14.703
8/15/2017 11:45	481500	148.703	21.087	343.35	695.208	751.367	0.371	510.93	1438.418	0.998	14.71
8/15/2017 12:00	482400	148.718	21.097	343.385	695.609	751.648	0.371	511.121	1437.59	0.998	14.71
8/15/2017 12:15	483300	148.736	21.09	343.428	695.585	751.718	0.371	511.168	1437.639	0.998	14.696
8/15/2017 12:30	484200	148.683	21.097	343.304	694.011	749.913	0.37	509.941	1440.9	0.998	14.709
8/15/2017 12:45	485100	148.721	21.099	343.391	694.123	750.004	0.37	510.003	1440.667	0.998	14.699
8/15/2017 13:00	486000	148.763	21.092	343.489	694.276	750.277	0.37	510.189	1440.349	0.998	14.704
8/15/2017 13:15	486900	148.746	21.096	343.45	694.387	750.332	0.371	510.226	1440.119	0.998	14.699
8/15/2017 13:30	487800	148.756	21.093	343.474	694.773	750.795	0.371	510.541	1439.219	0.998	14.704
8/15/2017 13:45	488700	148.806	21.102	343.588	695.055	750.967	0.371	510.658	1438.735	0.998	14.706
8/15/2017 14:00	489600	148.788	21.093	343.546	694.674	750.699	0.371	510.475	1439.525	0.998	14.699
8/15/2017 14:15	490500	148.834	21.093	343.653	694.384	750.382	0.371	510.26	1440.125	0.998	14.699
8/15/2017 14:30	491400	148.849	21.098	343.687	694.33	750.238	0.37	510.162	1440.237	0.998	14.699
8/15/2017 14:45	492300	148.816	21.093	343.611	694.268	750.254	0.37	510.172	1440.366	0.998	14.696
8/15/2017 15:00	493200	148.871	21.097	343.737	695.061	751.048	0.371	510.713	1438.723	0.998	14.7
8/15/2017 15:15	494100	148.844	21.092	343.676	694.543	750.564	0.371	510.384	1439.796	0.998	14.698
8/15/2017 15:30	495000	148.884	21.095	343.768	694.542	750.522	0.371	510.355	1439.799	0.998	14.698
8/15/2017 15:45	495900	148.869	21.092	343.733	694.889	750.94	0.371	510.639	1439.079	0.998	14.7
8/15/2017 16:00	496800	148.926	21.101	343.866	694.709	750.601	0.371	510.409	1439.451	0.998	14.694
8/15/2017 16:15	497700	148.931	21.104	343.878	693.748	749.524	0.37	509.676	1441.446	0.998	14.694
8/15/2017 16:30	498600	148.901	21.093	343.809	692.972	748.848	0.37	509.217	1443.059	0.998	14.695
8/15/2017 16:45	499500	148.953	21.101	343.928	692.596	748.328	0.369	508.863	1443.844	0.998	14.691
8/15/2017 17:00	500400	148.965	21.097	343.956	692.428	748.203	0.369	508.778	1444.193	0.998	14.691
8/15/2017 17:15	501300	148.983	21.101	343.997	692.332	748.04	0.369	508.667	1444.394	0.998	14.695
8/15/2017 17:30	502200	148.984	21.098	344	692.107	747.841	0.369	508.532	1444.864	0.998	14.695
8/15/2017 17:45	503100	148.998	21.103	344.031	692.395	748.076	0.369	508.692	1444.262	0.998	14.695
8/15/2017 18:00	504000	148.981	21.097	343.993	691.459	747.163	0.369	508.071	1446.217	0.998	14.692
8/15/2017 18:15	504900	148.924	21.09	344.001	690.898	746.655	0.369	507.726	1447.391	0.998	14.694
8/15/2017 18:30	505800	149.038	21.093	344.124	691.4	747.148	0.369	508.061	1446.342	0.998	14.689
8/15/2017 18:45	506700	149.039	21.102	344.126	692.08	747.757	0.369	508.475	1444.92	0.998	14.69
8/15/2017 19:00	507600	149.044	21.107	344.137	692.229	747.842	0.369	508.533	1444.609	0.998	14.693
8/15/2017 19:15	508500	149.053	21.098	344.159	691.843	747.556	0.369	508.338	1445.415	0.998	14.69
8/15/2017 19:30	509400	149.013	21.1	344.066	691.276	746.914	0.369	507.902	1446.6	0.998	14.691
8/15/2017 19:45	510300	149.027	21.101	344.098	690.564	746.536	0.368	507.366	1448.658	0.998	14.69
8/15/2017 20:00	511200	149.031	21.096	344.108	690.506	746.146	0.368	507.38	1448.214	0.998	14.69
8/15/2017 20:15	512100	149.02	21.1	344.084	689.946	745.474	0.368	506.922	1449.389	0.998	14.695
8/15/2017 20:30	513000	149.057	21.101	344.168	689.764	745.268	0.368	506.782	1449.771	0.998	14.695
8/15/2017 20:45	513900	149.027	21.093	344.099	689.537	745.138	0.368	506.694	1450.249	0.998	14.694
8/15/2017 21:00	514800	149.06	21.088	344.176	690.292	746.032	0.368	507.301	1448.661	0.998	14.698
8/15/2017 21:15	515700	149.055	21.092	344.164	690.803	746.164	0.369	507.637	1447.59	0.998	14.696
8/15/2017 21:30	516600	149.046	21.098	344.142	691.288	746.955	0.369	507.929	1446.575	0.998	14.703
8/15/2017 21:45	517500	149.029	21.103	344.103	690.954	746.526	0.369	507.638	1447.274	0.998	14.701
8/15/2017 22:00	518400	149.005	21.092	344.048	690.45	746.145	0.368	507.379	1448.332	0.998	14.707
8/15/2017 22:15	519300	149.041	21.085	344.131	689.76	745.511	0.368	506.948	1449.78	0.998	14.701
8/15/2017 22:30	520200	148.985	21.101	344.001	690.139	745.662	0.368	507.05	1448.984	0.998	14.712
8/15/2017 22:45	521100	149.019	21.095	344.081	690.225	745.858	0.369	507.184	1448.802	0.998	14.714
8/15/2017 23:00	522000	149.016	21.091	344.073	690.046	745.727	0.368	507.094	1449.178	0.998	14.709
8/15/2017 23:15	522900	148.997	21.096	344.03	690.112	745.711	0.368	507.083	1449.041	0.998	14.706
8/15/2017 23:30	523800	148.978	21.098	343.986	690.035	745.604	0.368	507.011	1449.201	0.998	14.71
8/15/2017 23:45	524700	149.									

Report Date: 8/18/2017 9:05
Report User Name: WMassoll
Report Computer Name: WKST52
Application: WinSitu.exe
Application Version: 5.6.27.1

Log File Properties
File Name: MPWSP MW-9M_2017-08-17_11-31-29-065.wsl
Create Date: 8/17/2017 11:31

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 Conductivity calibration.
Sensor SN: 410760
Cell Constant: 1.0333 Cell Offset: 0
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
7/17/2015 13:41 Conductivity calibration.
Sensor SN: 410760
Cell Constant: 1.03308 Cell Offset: 0
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
7/17/2015 13:45 Conductivity calibration.
Sensor SN: 410760
Cell Constants: 1.01925 Cell Offset: 0
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: 6/15/2016 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: 727

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/cm)	Sensor: PCTD(G) 231ft SN#: 410760 Specific Conductivity (µS/cm)	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)	
8/10/2017 0:00		7200	68.636	16.784	154.608	37834.738	44877.332	30516.588	29.165	26.431	1.021
8/10/2017 0:15		8100	68.622	16.785	154.579	37827.219	44866.895	30509.488	29.158	26.436	1.021
8/10/2017 0:30		9000	68.644	16.79	154.627	37838.414	44875.715	30515.488	29.164	26.428	1.021
8/10/2017 0:45		9900	68.632	16.791	154.601	37822.691	44855.281	30501.592	29.15	26.439	1.021
8/10/2017 1:00		10800	68.637	16.783	154.612	37805.535	44843.934	30493.875	29.141	26.451	1.021
8/10/2017 1:15		11700	68.638	16.781	154.614	37788.988	44826.176	30481.803	29.128	26.463	1.021
8/10/2017 1:30		12600	68.636	16.783	154.61	37797.57	44834.223	30487.271	29.134	26.457	1.021
8/10/2017 1:45		13500	68.64	16.784	154.618	37807.875	44845.371	30494.855	29.142	26.45	1.021
8/10/2017 2:00		14400	68.659	16.783	154.661	37821.289	44862	30506.16	29.154	26.44	1.021
8/10/2017 2:15		15300	68.639	16.784	154.616	37839.453	44882.297	30519.965	29.169	26.427	1.021
8/10/2017 2:30		16200	68.656	16.783	154.654	37778.066	44811.266	30471.662	29.117	26.47	1.021

8/10/2017 2:45	17100	68.641	16.784	154.621	37822.297	44862.574	30506.551	29.154	26.439	1.021
8/10/2017 3:00	18000	68.635	16.784	154.608	37813.395	44852.281	30499.553	29.147	26.446	1.021
8/10/2017 3:15	18900	68.64	16.792	154.618	37857.555	44896.086	30529.338	29.179	26.415	1.021
8/10/2017 3:30	19800	68.639	16.788	154.611	37841.188	44881.141	30519.176	29.168	26.426	1.021
8/10/2017 3:45	20700	68.634	16.785	154.605	37817.602	44856.105	30502.154	29.15	26.443	1.021
8/10/2017 4:00	21600	68.635	16.784	154.607	37840.711	44884.316	30521.338	29.17	26.427	1.021
8/10/2017 4:15	22500	68.63	16.791	154.596	37822.301	44855.168	30501.514	29.15	26.439	1.021
8/10/2017 4:30	23400	68.626	16.783	154.587	37804.859	44842.512	30492.91	29.14	26.452	1.021
8/10/2017 4:45	24300	68.623	16.777	154.58	37827.887	44876.156	30515.789	29.164	26.436	1.021
8/10/2017 5:00	25200	68.621	16.78	154.577	37793.551	44832.316	30485.975	29.132	26.46	1.021
8/10/2017 5:15	26100	68.616	16.789	154.564	37832.941	44869.844	30511.496	29.16	26.432	1.021
8/10/2017 5:30	27000	68.605	16.798	154.54	37792.605	44813.367	30473.092	29.12	26.46	1.021
8/10/2017 5:45	27900	68.622	16.783	154.577	37838.984	44882.715	30520.248	29.169	26.428	1.021
8/10/2017 6:00	28800	68.613	16.795	154.557	37849.688	44883.898	30521.051	29.171	26.42	1.021
8/10/2017 6:15	29700	68.596	16.799	154.52	37827.02	44852.648	30499.801	29.148	26.436	1.021
8/10/2017 6:30	30600	68.608	16.78	154.546	37806.34	44847.117	30496.041	29.143	26.451	1.021
8/10/2017 6:45	31500	68.587	16.783	154.499	37813.172	44852.098	30499.428	29.147	26.446	1.021
8/10/2017 7:00	32400	68.577	16.785	154.477	37811.238	44848.203	30496.781	29.144	26.447	1.021
8/10/2017 7:15	33300	68.572	16.786	154.465	37805.996	44840.66	30491.65	29.139	26.451	1.021
8/10/2017 7:30	34200	68.584	16.791	154.492	37822.402	44855.023	30501.418	29.149	26.439	1.021
8/10/2017 7:45	35100	68.577	16.787	154.477	37808.418	44842.355	30492.803	29.14	26.449	1.021
8/10/2017 8:00	36000	68.559	16.792	154.436	37820.656	44852.426	30499.65	29.148	26.441	1.021
8/10/2017 8:15	36900	68.556	16.784	154.43	37819.895	44859.453	30504.43	29.152	26.441	1.021
8/10/2017 8:30	37800	68.552	16.781	154.42	37824.152	44868.063	30510.285	29.158	26.438	1.021
8/10/2017 8:45	38700	68.563	16.79	154.446	37813.246	44845.059	30494.643	29.142	26.446	1.021
8/10/2017 9:00	39600	68.545	16.786	154.403	37800.836	44834.441	30487.422	29.134	26.454	1.021
8/10/2017 9:15	40500	68.538	16.791	154.389	37821.715	44854.473	30501.043	29.149	26.44	1.021
8/10/2017 9:30	41400	68.54	16.783	154.393	37819.234	44859.648	30504.563	29.152	26.442	1.021
8/10/2017 9:45	42300	68.531	16.793	154.373	37825.938	44857.613	30503.18	29.151	26.437	1.021
8/10/2017 10:00	43200	68.529	16.79	154.368	37821.508	44855.117	30501.482	29.149	26.44	1.021
8/10/2017 10:15	44100	68.525	16.791	154.359	37815.133	44846.484	30495.611	29.143	26.444	1.021
8/10/2017 10:30	45000	68.526	16.783	154.362	37805.684	44843.668	30493.695	29.141	26.451	1.021
8/10/2017 10:45	45900	68.526	16.797	154.36	37804.227	44827.945	30483.006	29.13	26.452	1.021
8/10/2017 11:00	46800	68.537	16.792	154.386	37808.438	44838.113	30489.92	29.137	26.449	1.021
8/10/2017 11:15	47700	68.539	16.784	154.39	37793.219	44828.266	30483.223	29.13	26.46	1.021
8/10/2017 11:30	48600	68.528	16.783	154.365	37820.109	44860.422	30505.088	29.153	26.441	1.021
8/10/2017 11:45	49500	68.522	16.787	154.353	37798.5	44831.398	30485.354	29.132	26.456	1.021
8/10/2017 12:00	50400	68.54	16.789	154.393	37787.063	44815.691	30474.672	29.121	26.464	1.021
8/10/2017 12:15	51300	68.529	16.795	154.369	37809.734	44836.617	30488.9	29.136	26.448	1.021
8/10/2017 12:30	52200	68.532	16.802	154.374	37835.383	44859.805	30504.67	29.154	26.43	1.021
8/10/2017 12:45	53100	68.529	16.785	154.368	37792.781	44826.488	30482.014	29.128	26.46	1.021
8/10/2017 13:00	54000	68.55	16.799	154.416	37828.91	44854.891	30501.328	29.15	26.435	1.021
8/10/2017 13:15	54900	68.538	16.796	154.389	37806.742	44831.641	30485.518	29.133	26.45	1.021
8/10/2017 13:30	55800	68.54	16.795	154.393	37845.422	44879.027	30517.74	29.167	26.423	1.021
8/10/2017 13:45	56700	68.549	16.786	154.412	37819.336	44856.738	30502.582	29.15	26.442	1.021
8/10/2017 14:00	57600	68.549	16.786	154.413	37793.352	44825.738	30481.502	29.128	26.46	1.021
8/10/2017 14:15	58500	68.55	16.789	154.415	37810.047	44842.332	30492.787	29.14	26.448	1.021
8/10/2017 14:30	59400	68.556	16.787	154.428	37803.738	44837.535	30489.525	29.137	26.452	1.021
8/10/2017 14:45	60300	68.576	16.781	154.474	37815.941	44857.711	30503.246	29.151	26.444	1.021
8/10/2017 15:00	61200	68.573	16.789	154.466	37812.809	44845.965	30495.256	29.143	26.446	1.021
8/10/2017 15:15	62100	68.56	16.795	154.438	37816.906	44844.594	30494.326	29.142	26.443	1.021
8/10/2017 15:30	63000	68.578	16.797	154.478	37824.449	44851.664	30499.135	29.147	26.438	1.021
8/10/2017 15:45	63900	68.58	16.795	154.482	37795.906	44819.59	30477.324	29.124	26.458	1.021
8/10/2017 16:00	64800	68.579	16.786	154.481	37793.859	44826.078	30481.734	29.128	26.459	1.021
8/10/2017 16:15	65700	68.563	16.781	154.445	37784.422	44820.859	30478.188	29.124	26.466	1.021
8/10/2017 16:30	66600	68.567	16.776	154.453	37785.555	44826.477	30482.006	29.128	26.465	1.021
8/10/2017 16:45	67500	68.561	16.793	154.44	37818.582	44848.617	30497.063	29.145	26.442	1.021
8/10/2017 17:00	68400	68.563	16.786	154.445	37818.512	44855.32	30501.619	29.149	26.442	1.021
8/10/2017 17:15	69300	68.562	16.794	154.442	37828.184	44859.375	30504.377	29.153	26.435	1.021
8/10/2017 17:30	70200	68.575	16.797	154.471	37835.922	44865.359	30508.447	29.157	26.43	1.021
8/10/2017 17:45	71100	68.563	16.786	154.445	37826.102	44864.762	30508.041	29.156	26.437	1.021
8/10/2017 18:00	72000	68.562	16.777	154.443	37802.586	44845.793	30495.141	29.142	26.453	1.021
8/10/2017 18:15	72900	68.56	16.78	154.439	37791.535	44830.012	30484.41	29.131	26.461	1.021
8/10/2017 18:30	73800	68.557	16.786	154.431	37812.461	44849.125	30497.408	29.145	26.446	1.021
8/10/2017 18:45	74700	68.554	16.786	154.425	37813.965	44850.109	30498.076	29.146	26.445	1.021
8/10/2017 19:00	75600	68.556	16.792	154.428	37827.316	44860.141	30504.898	29.153	26.436	1.021
8/10/2017 19:15	76500	68.564	16.789	154.447	37813.188	44846.152	30495.387	29.143	26.446	1.021
8/10/2017 19:30	77400	68.549	16.785	154.412	37795.605	44829.926	30484.35	29.131	26.458	1.021
8/10/2017 19:45	78300	68.567	16.778	154.454	37792.656	44833.121	30486.525	29.133	26.46	1.021
8/10/2017 20:00	79200	68.565	16.781	154.449	37846.688	44894.09	30527.982	29.177	26.422	1.021
8/10/2017 20:15	80100	68.542	16.787	154.399	37804.199	44838.082	30489.898	29.137	26.452	1.021
8/10/2017 20:30	81000	68.547	16.788	154.408	37846.59	44887.445	30523.465	29.173	26.422	1.021
8/10/2017 20:45	81900	68.548	16.783	154.411	37800.52	44837.629	30489.59	29.136	26.455	1.021
8/10/2017 21:00	82800	68.56	16.784	154.438	37811.785	44850.371	30498.252	29.146	26.447	1.021
8/10/2017 21:15	83700	68.545	16.79	154.403	37805.168	44835.84	30488.373	29.136	26.451	1.021
8/10/2017 21:30	84600	68.543	16.789	154.399	37823.789	44859.078	30504.176	29.152	26.438	1.021
8/10/2017 21:45	85500	68.543	16.786	154.399	37816.41	44853.09	30500.104	29.148	26.444	1.021
8/10/2017 22:00	86400	68.547	16.782	154.408	37813.461	44854.32	30500.938	29.148	26.446	1.021
8/10/2017 22:15	87300	68.539	16.779	154.392	37829.883	44876.027	30515.701	29.164	26.434	1.021
8/10/2017 22:30	88200	68.564	16.78	154.447	37806.938	44847.824	30496.523	29.144	26.45	1.021
8/10/2017 22:45	89100	68.547	16.779	154.409	37832.344	44879.313	30517.936	29.166	26.432	1.021
8/10/2017 23:00	90000	68.545	16.784	154.405	37819.547	44858.949	30504.088	29.152	26.441	1.021
8/10/2017 23:15	90900	68.554	16.796	154.424	37853.672	44887.82	30523.721	29.173	26.418	1.021
8/10/2017 23:30	91800	68.55	16.794	154.416	37801.484	44827.461	30482.676	29.13	26.454	1.021
8/10/2017 23:45	92700	68.555	16.788	154.427	37811.121	44844.77	30494.443	29.142	26.447	1.021
8/11/2017 0:00	93600	68.558	16.796	154.434	37835.633	44865.902	30508.816	29.158	26.43	1.021
8/11/2017 0:15	94500	68.562	16.787	154.442	37813.07	44848.242	30496.805	29.144	26.446	1.021
8/11/2017 0:30	95400	68.568	16.78	154.456	37784.75	44821.598	30478.689	29.125	26	

8/11/2017 23:15	177300	68.534	16.781	154.38	37805.504	44845.145	30494.701	29.142	26.451	1.021
8/11/2017 23:30	178200	68.52	16.785	154.349	37823.313	44862.355	30506.402	29.154	26.439	1.021
8/11/2017 23:45	179100	68.535	16.779	154.382	37803.297	44845.117	30494.68	29.142	26.453	1.021
8/12/2017 0:00	180000	68.523	16.784	154.355	37788.863	44823.184	30479.768	29.126	26.463	1.021
8/12/2017 0:15	180900	68.537	16.785	154.386	37818.336	44856.539	30502.449	29.15	26.442	1.021
8/12/2017 0:30	181800	68.523	16.781	154.355	37781.75	44817.238	30475.723	29.122	26.468	1.021
8/12/2017 0:45	182700	68.529	16.783	154.369	37802.191	44839.254	30490.693	29.138	26.453	1.021
8/12/2017 1:00	183600	68.533	16.784	154.377	37832.375	44873.816	30514.197	29.163	26.432	1.021
8/12/2017 1:15	184500	68.546	16.783	154.407	37818.699	44858.656	30503.889	29.152	26.442	1.021
8/12/2017 1:30	185400	68.535	16.784	154.382	37826.617	44867.43	30509.854	29.158	26.436	1.021
8/12/2017 1:45	186300	68.534	16.795	154.38	37827.258	44857.395	30503.031	29.151	26.436	1.021
8/12/2017 2:00	187200	68.541	16.782	154.396	37799.609	44836.996	30489.16	29.136	26.455	1.021
8/12/2017 2:15	188100	68.543	16.796	154.399	37813.082	44839.609	30490.936	29.139	26.446	1.021
8/12/2017 2:30	189000	68.556	16.783	154.43	37831.43	44874.293	30514.521	29.163	26.433	1.021
8/12/2017 2:45	189900	68.56	16.791	154.439	37822.262	44855.215	30501.549	29.15	26.439	1.021
8/12/2017 3:00	190800	68.551	16.784	154.418	37771.125	44801.691	30465.152	29.111	26.475	1.021
8/12/2017 3:15	191700	68.565	16.786	154.449	37817.313	44854.43	30501.014	29.149	26.443	1.021
8/12/2017 3:30	192600	68.55	16.783	154.415	37831.141	44874.039	30514.35	29.163	26.433	1.021
8/12/2017 3:45	193500	68.55	16.794	154.415	37808.871	44836.219	30488.631	29.136	26.449	1.021
8/12/2017 4:00	194400	68.567	16.792	154.455	37835.16	44869.629	30511.35	29.16	26.43	1.021
8/12/2017 4:15	195300	68.55	16.783	154.416	37808.871	44847.891	30496.568	29.144	26.449	1.021
8/12/2017 4:30	196200	68.549	16.799	154.413	37802.609	44823.359	30479.887	29.127	26.453	1.021
8/12/2017 4:45	197100	68.565	16.799	154.449	37813.051	44836	30488.482	29.136	26.446	1.021
8/12/2017 5:00	198000	68.55	16.794	154.415	37835.098	44867.32	30509.779	29.158	26.43	1.021
8/12/2017 5:15	198900	68.549	16.792	154.412	37804.355	44832.469	30486.08	29.133	26.452	1.021
8/12/2017 5:30	199800	68.542	16.788	154.398	37799.613	44831.73	30485.578	29.132	26.455	1.021
8/12/2017 5:45	200700	68.545	16.787	154.405	37821.555	44858.305	30503.65	29.152	26.44	1.021
8/12/2017 6:00	201600	68.559	16.787	154.436	37813.215	44848.496	30496.98	29.145	26.446	1.021
8/12/2017 6:15	202500	68.539	16.783	154.392	37815.852	44855.371	30501.654	29.149	26.444	1.021
8/12/2017 6:30	203400	68.537	16.781	154.387	37810.816	44851.895	30499.291	29.147	26.447	1.021
8/12/2017 6:45	204300	68.537	16.781	154.386	37769.574	44803.145	30466.141	29.111	26.476	1.021
8/12/2017 7:00	205200	68.534	16.785	154.379	37817.227	44855.664	30501.854	29.15	26.443	1.021
8/12/2017 7:15	206100	68.534	16.788	154.379	37776.27	44804.043	30466.752	29.112	26.472	1.021
8/12/2017 7:30	207000	68.521	16.794	154.351	37816.523	44844.844	30494.496	29.142	26.443	1.021
8/12/2017 7:45	207900	68.537	16.79	154.387	37809.531	44840.832	30491.768	29.139	26.448	1.021
8/12/2017 8:00	208800	68.519	16.8	154.346	37812.016	44834.063	30487.164	29.135	26.447	1.021
8/12/2017 8:15	209700	68.513	16.792	154.332	37814.125	44844.859	30494.506	29.142	26.445	1.021
8/12/2017 8:30	210600	68.51	16.789	154.326	37822.242	44857.414	30503.043	29.151	26.439	1.021
8/12/2017 8:45	211500	68.519	16.789	154.345	37804.402	44836.434	30488.777	29.136	26.452	1.021
8/12/2017 9:00	212400	68.501	16.786	154.305	37793.707	44826.883	30482.283	29.129	26.459	1.021
8/12/2017 9:15	213300	68.497	16.791	154.297	37796.105	44823.754	30480.154	29.127	26.458	1.021
8/12/2017 9:30	214200	68.495	16.79	154.292	37799.84	44830.047	30484.432	29.131	26.455	1.021
8/12/2017 9:45	215100	68.508	16.794	154.322	37825.422	44856.195	30502.215	29.15	26.437	1.021
8/12/2017 10:00	216000	68.489	16.786	154.279	37839.949	44881.277	30519.271	29.168	26.427	1.021
8/12/2017 10:15	216900	68.489	16.796	154.278	37793.172	44815.727	30474.697	29.121	26.46	1.021
8/12/2017 10:30	217800	68.484	16.786	154.266	37805.168	44839.754	30491.035	29.138	26.451	1.021
8/12/2017 10:45	218700	68.498	16.787	154.299	37788.023	44818.535	30476.604	29.123	26.463	1.021
8/12/2017 11:00	219600	68.482	16.788	154.263	37775.113	44802.066	30465.408	29.111	26.472	1.021
8/12/2017 11:15	220500	68.497	16.793	154.296	37819.227	44849.477	30497.646	29.146	26.442	1.021
8/12/2017 11:30	221400	68.481	16.792	154.26	37820.18	44851.313	30498.895	29.147	26.441	1.021
8/12/2017 11:45	222300	68.5	16.782	154.304	37800.477	44838.117	30489.922	29.137	26.455	1.021
8/12/2017 12:00	223200	68.482	16.785	154.262	37800.578	44835.477	30488.127	29.135	26.455	1.021
8/12/2017 12:15	224100	68.496	16.788	154.294	37789.898	44819.684	30477.387	29.124	26.462	1.021
8/12/2017 12:30	225000	68.485	16.785	154.27	37796.352	44830.285	30484.594	29.131	26.458	1.021
8/12/2017 12:45	225900	68.488	16.788	154.276	37805.305	44838.059	30489.881	29.137	26.451	1.021
8/12/2017 13:00	226800	68.493	16.788	154.287	37795.633	44826.215	30481.826	29.128	26.458	1.021
8/12/2017 13:15	227700	68.492	16.791	154.284	37805.16	44835.203	30487.939	29.135	26.451	1.021
8/12/2017 13:30	228600	68.494	16.786	154.29	37800.086	44834.355	30487.361	29.134	26.455	1.021
8/12/2017 13:45	229500	68.513	16.788	154.333	37812.039	44845.672	30495.059	29.143	26.447	1.021
8/12/2017 14:00	230400	68.502	16.79	154.308	37804.715	44835.57	30488.189	29.135	26.452	1.021
8/12/2017 14:15	231300	68.508	16.794	154.321	37835.344	44867.434	30509.877	29.159	26.43	1.021
8/12/2017 14:30	232200	68.511	16.789	154.328	37804.316	44836.43	30488.755	29.136	26.452	1.021
8/12/2017 14:45	233100	68.531	16.777	154.372	37810.672	44855.293	30501.6	29.149	26.448	1.021
8/12/2017 15:00	234000	68.52	16.786	154.349	37779.398	44809.461	30470.434	29.116	26.469	1.021
8/12/2017 15:15	234900	68.541	16.789	154.395	37802.469	44833.965	30487.098	29.134	26.453	1.021
8/12/2017 15:30	235800	68.526	16.784	154.362	37826.98	44868.129	30510.33	29.158	26.436	1.021
8/12/2017 15:45	236700	68.544	16.783	154.403	37800.691	44837.391	30489.428	29.136	26.455	1.021
8/12/2017 16:00	237600	68.535	16.793	154.381	37777.234	44799.332	30463.549	29.109	26.471	1.021
8/12/2017 16:15	238500	68.535	16.796	154.381	37797.09	44820.02	30477.615	29.124	26.457	1.021
8/12/2017 16:30	239400	68.537	16.795	154.387	37829.066	44858.742	30503.947	29.152	26.435	1.021
8/12/2017 16:45	240300	68.538	16.783	154.39	37803.664	44841.18	30492.002	29.139	26.452	1.021
8/12/2017 17:00	241200	68.542	16.786	154.399	37818.074	44855.063	30501.443	29.149	26.442	1.021
8/12/2017 17:15	242100	68.545	16.783	154.405	37826.621	44868.68	30510.703	29.159	26.436	1.021
8/12/2017 17:30	243000	68.548	16.778	154.411	37781.652	44819.879	30477.518	29.123	26.468	1.021
8/12/2017 17:45	243900	68.541	16.781	154.395	37794.359	44832.02	30485.775	29.132	26.459	1.021
8/12/2017 18:00	244800	68.544	16.793	154.401	37816.465	44846.652	30495.722	29.143	26.444	1.021
8/12/2017 18:15	245700	68.543	16.786	154.399	37798.418	44832.469	30486.08	29.133	26.456	1.021
8/12/2017 18:30	246600	68.542	16.785	154.398	37808.273	44844.684	30494.387	29.142	26.449	1.021
8/12/2017 18:45	247500	68.545	16.792	154.405	37820.848	44852.383	30499.623	29.148	26.44	1.021
8/12/2017 19:00	248400	68.543	16.791	154.399	37790.918	44818.313	30476.453	29.123	26.461	1.021
8/12/2017 19:15	249300	68.539	16.792	154.391	37801.563	44829.859	30484.307	29.131	26.454	1.021
8/12/2017 19:30	250200	68.539	16.778	154.392	37792.773	44833.602	30486.852	29.133	26.46	1.021
8/12/2017 19:45	251100	68.54	16.785	154.393	37816.547	44854.238	30500.885	29.149	26.443	1.021
8/12/2017 20:00	252000	68.538	16.789	154.39	37789.828	44819.074	30476.973	29.123	26.462	1.021
8/12/2017 20:15	252900	68.539	16.774	154.391	37799.621	44845.215	30494.748	29.141	26.455	1.021
8/12/2017 20:30	253800	68.53	16.782	154.371	37815.352	44856.293	30502.281	29.15	26.444	1.021
8/12/2017 20:45	254700	68.543	16.788	154.399	37820.922	44857.105	30502.834	29.151	26.44	1.021
8/12/2017 21:00	255600									

8/13/2017 19:45	337500	68.576	16.786	154.475	37818.16	44855.258	30501.578	29.149	26.442	1.021
8/13/2017 20:00	338400	68.575	16.792	154.473	37804.699	44833.402	30486.717	29.134	26.452	1.021
8/13/2017 20:15	339300	68.575	16.789	154.473	37834.426	44871.516	30512.633	29.161	26.431	1.021
8/13/2017 20:30	340200	68.59	16.791	154.506	37808.379	44838.395	30490.111	29.137	26.449	1.021
8/13/2017 20:45	341100	68.59	16.779	154.506	37810.895	44854.391	30500.988	29.148	26.447	1.021
8/13/2017 21:00	342000	68.586	16.79	154.498	37807.836	44839.086	30490.58	29.138	26.45	1.021
8/13/2017 21:15	342900	68.586	16.793	154.497	37833.07	44866.156	30508.988	29.158	26.432	1.021
8/13/2017 21:30	343800	68.586	16.785	154.498	37811.598	44848.277	30496.83	29.144	26.447	1.021
8/13/2017 21:45	344700	68.568	16.791	154.455	37796.07	44836.637	30488.916	29.135	26.458	1.021
8/13/2017 22:00	345600	68.563	16.791	154.445	37783.289	44808.555	30469.82	29.116	26.467	1.021
8/13/2017 22:15	346500	68.567	16.786	154.453	37797.359	44830.844	30484.977	29.132	26.457	1.021
8/13/2017 22:30	347400	68.562	16.794	154.441	37807.98	44835.34	30488.033	29.135	26.449	1.021
8/13/2017 22:45	348300	68.56	16.781	154.439	37822.238	44865.793	30508.742	29.157	26.439	1.021
8/13/2017 23:00	349200	68.562	16.785	154.441	37818.93	44857.684	30503.225	29.151	26.442	1.021
8/13/2017 23:15	350100	68.555	16.782	154.427	37807.207	44846.547	30495.652	29.143	26.45	1.021
8/13/2017 23:30	351000	68.556	16.79	154.429	37802.805	44832.938	30486.4	29.133	26.453	1.021
8/13/2017 23:45	351900	68.554	16.788	154.424	37800.781	44833.117	30486.521	29.133	26.454	1.021
8/14/2017 0:00	352800	68.566	16.793	154.453	37819.18	44849.422	30497.607	29.146	26.442	1.021
8/14/2017 0:15	353700	68.564	16.801	154.448	37808.117	44828.555	30483.42	29.131	26.449	1.021
8/14/2017 0:30	354600	68.564	16.8	154.447	37814.699	44836.887	30489.086	29.137	26.445	1.021
8/14/2017 0:45	355500	68.569	16.787	154.458	37769.574	44796.734	30461.781	29.107	26.476	1.021
8/14/2017 1:00	356400	68.549	16.793	154.413	37806.895	44835.207	30487.943	29.135	26.45	1.021
8/14/2017 1:15	357300	68.549	16.782	154.413	37791.051	44827.566	30482.748	29.129	26.461	1.021
8/14/2017 1:30	358200	68.554	16.784	154.424	37789.027	44823.012	30479.65	29.126	26.463	1.021
8/14/2017 1:45	359100	68.549	16.784	154.414	37787.492	44821.191	30478.41	29.125	26.464	1.021
8/14/2017 2:00	360000	68.563	16.786	154.444	37792.953	44825.004	30481.004	29.128	26.46	1.021
8/14/2017 2:15	360900	68.548	16.792	154.41	37814.473	44844.645	30494.359	29.142	26.445	1.021
8/14/2017 2:30	361800	68.555	16.79	154.426	37792.18	44820.609	30478.018	29.125	26.461	1.021
8/14/2017 2:45	362700	68.569	16.793	154.459	37811.824	44840.434	30491.496	29.139	26.447	1.021
8/14/2017 3:00	363600	68.568	16.792	154.457	37781.309	44805.941	30468.043	29.114	26.468	1.021
8/14/2017 3:15	364500	68.571	16.789	154.463	37812.453	44845.984	30495.271	29.143	26.446	1.021
8/14/2017 3:30	365400	68.57	16.786	154.461	37806.535	44841.914	30492.504	29.14	26.45	1.021
8/14/2017 3:45	366300	68.577	16.793	154.477	37791.684	44817.078	30475.615	29.122	26.461	1.021
8/14/2017 4:00	367200	68.563	16.789	154.445	37820.879	44855.449	30501.707	29.15	26.44	1.021
8/14/2017 4:15	368100	68.57	16.787	154.46	37817.16	44852.824	30499.922	29.148	26.443	1.021
8/14/2017 4:30	369000	68.568	16.786	154.456	37800.367	44834.41	30487.4	29.134	26.455	1.021
8/14/2017 4:45	369900	68.571	16.784	154.463	37789.25	44823.191	30479.771	29.126	26.463	1.021
8/14/2017 5:00	370800	68.571	16.794	154.463	37828.844	44859.727	30504.615	29.153	26.435	1.021
8/14/2017 5:15	371700	68.591	16.788	154.508	37794.625	44825.289	30481.199	29.128	26.459	1.021
8/14/2017 5:30	372600	68.578	16.79	154.478	37793.781	44822.508	30479.305	29.126	26.459	1.021
8/14/2017 5:45	373500	68.584	16.782	154.492	37824.102	44866.398	30509.152	29.157	26.438	1.021
8/14/2017 6:00	374400	68.581	16.794	154.486	37807.922	44834.918	30487.746	29.135	26.449	1.021
8/14/2017 6:15	375300	68.584	16.795	154.492	37813.738	44840.566	30491.586	29.139	26.445	1.021
8/14/2017 6:30	376200	68.6	16.795	154.527	37808.379	44834.82	30487.678	29.135	26.449	1.021
8/14/2017 6:45	377100	68.585	16.79	154.495	37804.176	44834.387	30487.385	29.135	26.452	1.021
8/14/2017 7:00	378000	68.588	16.792	154.502	37801.914	44829.93	30484.352	29.131	26.454	1.021
8/14/2017 7:15	378900	68.587	16.792	154.498	37797.633	44825.301	30481.207	29.128	26.457	1.021
8/14/2017 7:30	379800	68.605	16.792	154.54	37839.801	44875.395	30515.27	29.164	26.427	1.021
8/14/2017 7:45	380700	68.59	16.791	154.506	37792.168	44819.246	30477.09	29.124	26.461	1.021
8/14/2017 8:00	381600	68.604	16.787	154.537	37799.621	44832.199	30485.896	29.133	26.455	1.021
8/14/2017 8:15	382500	68.589	16.787	154.504	37793.313	44824.438	30480.619	29.127	26.46	1.021
8/14/2017 8:30	383400	68.607	16.787	154.544	37800.68	44833.727	30486.936	29.134	26.455	1.021
8/14/2017 8:45	384300	68.601	16.787	154.531	37828.352	44866.184	30509.006	29.157	26.435	1.021
8/14/2017 9:00	385200	68.593	16.783	154.512	37803.414	44840.883	30491.803	29.139	26.453	1.021
8/14/2017 9:15	386100	68.589	16.787	154.503	37781.461	44810.754	30471.313	29.117	26.468	1.021
8/14/2017 9:30	387000	68.592	16.786	154.509	37817.063	44854.492	30501.057	29.149	26.443	1.021
8/14/2017 9:45	387900	68.606	16.783	154.542	37803.711	44841.414	30492.162	29.139	26.452	1.021
8/14/2017 10:00	388800	68.604	16.783	154.538	37808.832	44847.844	30496.535	29.144	26.449	1.021
8/14/2017 10:15	389700	68.591	16.783	154.507	37801.457	44838.652	30490.283	29.137	26.454	1.021
8/14/2017 10:30	390600	68.604	16.79	154.538	37794.441	44823.199	30479.777	29.126	26.459	1.021
8/14/2017 10:45	391500	68.602	16.786	154.533	37793.332	44825.719	30481.488	29.128	26.46	1.021
8/14/2017 11:00	392400	68.604	16.789	154.537	37806.645	44838.207	30489.982	29.137	26.45	1.021
8/14/2017 11:15	393300	68.587	16.798	154.498	37825.453	44851.512	30499.029	29.147	26.437	1.021
8/14/2017 11:30	394200	68.588	16.803	154.5	37834.934	44858.297	30503.645	29.152	26.431	1.021
8/14/2017 11:45	395100	68.586	16.789	154.496	37831.43	44868.051	30510.277	29.159	26.433	1.021
8/14/2017 12:00	396000	68.605	16.788	154.539	37793.98	44824.789	30480.859	29.127	26.459	1.021
8/14/2017 12:15	396900	68.585	16.782	154.495	37805.609	44844.836	30494.49	29.142	26.451	1.021
8/14/2017 12:30	397800	68.603	16.784	154.536	37798.598	44834.363	30487.369	29.134	26.456	1.021
8/14/2017 12:45	398700	68.609	16.782	154.548	37800.215	44838.516	30490.193	29.137	26.455	1.021
8/14/2017 13:00	399600	68.59	16.792	154.505	37816.453	44847.52	30496.314	29.144	26.444	1.021
8/14/2017 13:15	400500	68.594	16.794	154.515	37817.348	44846.273	30495.469	29.143	26.443	1.021
8/14/2017 13:30	401400	68.598	16.796	154.525	37809.723	44835.449	30488.107	29.136	26.448	1.021
8/14/2017 13:45	402300	68.601	16.791	154.531	37800.016	44829.199	30483.855	29.131	26.455	1.021
8/14/2017 14:00	403200	68.601	16.787	154.529	37838.566	44878.484	30517.371	29.166	26.428	1.021
8/14/2017 14:15	404100	68.608	16.786	154.546	37822.074	44859.809	30504.672	29.153	26.44	1.021
8/14/2017 14:30	405000	68.611	16.782	154.553	37801.063	44839.258	30490.695	29.138	26.454	1.021
8/14/2017 14:45	405900	68.63	16.789	154.596	37803.449	44834.676	30487.582	29.135	26.453	1.021
8/14/2017 15:00	406800	68.633	16.798	154.601	37789.297	44809.352	30470.361	29.117	26.463	1.021
8/14/2017 15:15	407700	68.623	16.792	154.581	37813.43	44843.406	30493.518	29.141	26.446	1.021
8/14/2017 15:30	408600	68.627	16.787	154.589	37814.77	44850.258	30498.176	29.146	26.445	1.021
8/14/2017 15:45	409500	68.649	16.791	154.64	37817.387	44849.156	30497.428	29.145	26.443	1.021
8/14/2017 16:00	410400	68.638	16.786	154.613	37786.531	44817.57	30475.949	29.122	26.464	1.021
8/14/2017 16:15	411300	68.659	16.786	154.66	37801.605	44835.352	30488.041	29.135	26.454	1.021
8/14/2017 16:30	412200	68.651	16.787	154.642	37796.719	44828.48	30483.367	29.13	26.457	1.021
8/14/2017 16:45	413100	68.655	16.781	154.653	37809.723	44850.336	30498.23	29.145	26.448	1.021
8/14/2017 17:00	414000	68.662	16.785	154.669	37796.133	44830.465	30484.719	29.131	26.458	1.021
8/14/2017 17:15	414900	68.679	16.788	154.705	37802.594	44835.367	30488.053	29.135	26.453	1.021
8/14/2017 17:30	415800									

8/15/2017 16:15	497700	68.666	16.786	154.676	37807.184	44842.598	30492.967	29.14	26.45	1.021
8/15/2017 16:30	498600	68.671	16.781	154.689	37834.105	44879.168	30517.836	29.166	26.431	1.021
8/15/2017 16:45	499500	68.672	16.793	154.69	37804.148	44831.5	30485.422	29.133	26.452	1.021
8/15/2017 17:00	500400	68.683	16.801	154.715	37813.734	44834.945	30487.764	29.136	26.445	1.021
8/15/2017 17:15	501300	68.689	16.788	154.728	37784.41	44812.906	30472.777	29.119	26.466	1.021
8/15/2017 17:30	502200	68.69	16.786	154.731	37833.824	44873.48	30513.967	29.163	26.431	1.021
8/15/2017 17:45	503100	68.699	16.789	154.752	37818.164	44852.129	30499.449	29.147	26.442	1.021
8/15/2017 18:00	504000	68.704	16.785	154.762	37816.137	44854.102	30500.789	29.148	26.444	1.021
8/15/2017 18:15	504900	68.708	16.785	154.772	37816.457	44854.48	30501.049	29.149	26.444	1.021
8/15/2017 18:30	505800	68.71	16.787	154.777	37816.02	44852.27	30499.545	29.147	26.444	1.021
8/15/2017 18:45	506700	68.713	16.792	154.782	37824.531	44857.371	30503.014	29.151	26.438	1.021
8/15/2017 19:00	507600	68.729	16.792	154.82	37800.414	44828.684	30483.508	29.13	26.455	1.021
8/15/2017 19:15	508500	68.737	16.793	154.837	37803.996	44831.414	30485.363	29.133	26.452	1.021
8/15/2017 19:30	509400	68.723	16.792	154.806	37839.512	44874.602	30514.73	29.164	26.427	1.021
8/15/2017 19:45	510300	68.722	16.792	154.804	37821.93	44853.664	30500.494	29.149	26.44	1.021
8/15/2017 20:00	511200	68.722	16.794	154.804	37826.504	44857.656	30503.209	29.151	26.436	1.021
8/15/2017 20:15	512100	68.74	16.794	154.843	37794.18	44818.695	30476.715	29.123	26.459	1.021
8/15/2017 20:30	513000	68.721	16.792	154.802	37816.82	44847.777	30496.49	29.144	26.443	1.021
8/15/2017 20:45	513900	68.724	16.785	154.807	37806.008	44842.449	30492.867	29.14	26.451	1.021
8/15/2017 21:00	514800	68.739	16.79	154.84	37811.82	44843.629	30493.67	29.141	26.447	1.021
8/15/2017 21:15	515700	68.724	16.782	154.807	37813.273	44854.098	30500.787	29.148	26.446	1.021
8/15/2017 21:30	516600	68.721	16.787	154.802	37781.316	44811.016	30471.49	29.117	26.468	1.021
8/15/2017 21:45	517500	68.721	16.786	154.802	37800.957	44835.211	30487.945	29.135	26.454	1.021
8/15/2017 22:00	518400	68.73	16.786	154.822	37825.324	44863.754	30507.355	29.155	26.437	1.021
8/15/2017 22:15	519300	68.714	16.788	154.785	37815.539	44850.012	30498.008	29.146	26.444	1.021
8/15/2017 22:30	520200	68.729	16.788	154.819	37810.695	44844.078	30493.975	29.141	26.448	1.021
8/15/2017 22:45	521100	68.709	16.785	154.774	37813.672	44850.918	30498.627	29.146	26.445	1.021
8/15/2017 23:00	522000	68.703	16.784	154.759	37806.465	44843.977	30493.906	29.141	26.451	1.021
8/15/2017 23:15	522900	68.701	16.785	154.756	37796.809	44830.641	30484.836	29.132	26.457	1.021
8/15/2017 23:30	523800	68.713	16.788	154.783	37786.469	44815.883	30474.803	29.121	26.465	1.021
8/15/2017 23:45	524700	68.691	16.786	154.732	37793.824	44826.477	30482.006	29.129	26.459	1.021
8/16/2017 0:00	525600	68.688	16.79	154.727	37805.965	44836.422	30488.77	29.136	26.451	1.021
8/16/2017 0:15	526500	68.687	16.78	154.724	37793.773	44832.207	30485.902	29.132	26.459	1.021
8/16/2017 0:30	527400	68.685	16.778	154.72	37789.191	44829.012	30483.73	29.13	26.463	1.021
8/16/2017 0:45	528300	68.673	16.78	154.693	37770.543	44804.574	30467.113	29.112	26.476	1.021
8/16/2017 1:00	529200	68.678	16.778	154.704	37793.395	44834.617	30487.541	29.134	26.46	1.021
8/16/2017 1:15	530100	68.664	16.785	154.671	37813.238	44850.664	30498.453	29.146	26.446	1.021
8/16/2017 1:30	531000	68.663	16.792	154.67	37812.707	44842.898	30493.174	29.141	26.446	1.021
8/16/2017 1:45	531900	68.673	16.788	154.693	37800.496	44832.355	30486.004	29.133	26.455	1.021
8/16/2017 2:00	532800	68.667	16.795	154.68	37821.828	44850.957	30498.652	29.147	26.44	1.021
8/16/2017 2:15	533700	68.664	16.793	154.672	37810.055	44838.602	30490.252	29.138	26.448	1.021
8/16/2017 2:30	534600	68.659	16.787	154.66	37827.504	44865.797	30508.744	29.157	26.436	1.021
8/16/2017 2:45	535500	68.641	16.781	154.621	37779.125	44813.949	30473.488	29.119	26.47	1.021
8/16/2017 3:00	536400	68.637	16.786	154.611	37801.297	44834.902	30487.736	29.135	26.454	1.021
8/16/2017 3:15	537300	68.635	16.793	154.608	37836.004	44869.109	30510.996	29.16	26.43	1.021
8/16/2017 3:30	538200	68.629	16.794	154.593	37802.789	44828.734	30483.539	29.131	26.453	1.021
8/16/2017 3:45	539100	68.63	16.791	154.595	37788.078	44814.855	30474.104	29.12	26.463	1.021
8/16/2017 4:00	540000	68.63	16.799	154.596	37805.789	44827.578	30482.756	29.13	26.451	1.021
8/16/2017 4:15	540900	68.627	16.793	154.589	37812.871	44842.117	30492.641	29.14	26.446	1.021
8/16/2017 4:30	541800	68.627	16.787	154.589	37803.324	44837.043	30489.191	29.136	26.453	1.021
8/16/2017 4:45	542700	68.624	16.789	154.583	37785.613	44813.266	30473.023	29.119	26.465	1.021
8/16/2017 5:00	543600	68.625	16.792	154.584	37822.426	44854.254	30500.895	29.149	26.439	1.021
8/16/2017 5:15	544500	68.638	16.795	154.613	37833.008	44863.5	30507.182	29.156	26.432	1.021
8/16/2017 5:30	545400	68.622	16.789	154.579	37796.027	44826.504	30482.025	29.129	26.458	1.021
8/16/2017 5:45	546300	68.621	16.792	154.575	37806.387	44835.504	30488.145	29.135	26.451	1.021
8/16/2017 6:00	547200	68.625	16.783	154.584	37777.254	44809.852	30470.701	29.116	26.471	1.021
8/16/2017 6:15	548100	68.645	16.803	154.63	37836.355	44859.711	30504.604	29.154	26.43	1.021
8/16/2017 6:30	549000	68.625	16.793	154.584	37812.453	44841.52	30492.234	29.14	26.446	1.021
8/16/2017 6:45	549900	68.639	16.804	154.615	37822.496	44842.574	30492.953	29.141	26.439	1.021
8/16/2017 7:00	550800	68.645	16.789	154.629	37810.902	44843.348	30493.479	29.141	26.447	1.021
8/16/2017 7:15	551700	68.649	16.798	154.639	37821.602	44847.207	30496.104	29.144	26.44	1.021
8/16/2017 7:30	552600	68.636	16.781	154.61	37817.324	44859.617	30504.541	29.152	26.443	1.021
8/16/2017 7:45	553500	68.632	16.782	154.601	37809.668	44849.551	30497.695	29.145	26.448	1.021
8/16/2017 8:00	554400	68.652	16.785	154.646	37800.266	44835.188	30487.928	29.135	26.455	1.021
8/16/2017 8:15	555300	68.651	16.79	154.644	37777	44802.605	30465.773	29.112	26.471	1.021
8/16/2017 8:30	556200	68.64	16.78	154.619	37799.777	44839.332	30490.748	29.137	26.455	1.021
8/16/2017 8:45	557100	68.657	16.785	154.656	37789.598	44822.621	30479.383	29.126	26.462	1.021
8/16/2017 9:00	558000	68.639	16.789	154.617	37790.492	44819.309	30477.133	29.124	26.462	1.021
8/16/2017 9:15	558900	68.642	16.781	154.624	37809.734	44850.703	30498.48	29.146	26.448	1.021
8/16/2017 9:30	559800	68.66	16.788	154.663	37792.832	44823.34	30479.871	29.126	26.46	1.021
8/16/2017 9:45	560700	68.647	16.796	154.634	37814.66	44841.379	30492.141	29.14	26.445	1.021
8/16/2017 10:00	561600	68.644	16.788	154.626	37783.414	44812.094	30472.225	29.118	26.467	1.021
8/16/2017 10:15	562500	68.644	16.787	154.626	37809.879	44844.637	30494.354	29.142	26.448	1.021
8/16/2017 10:30	563400	68.648	16.783	154.636	37787.75	44822.305	30479.17	29.125	26.464	1.021
8/16/2017 10:45	564300	68.643	16.796	154.626	37806.969	44831.82	30485.639	29.133	26.45	1.021
8/16/2017 11:00	565200	68.648	16.793	154.636	37773.457	44795.273	30460.789	29.106	26.474	1.021
8/16/2017 11:15	566100	68.658	16.786	154.658	37828.238	44867.656	30510.008	29.158	26.435	1.021
8/16/2017 11:30	567000	68.662	16.786	154.668	37791.246	44823.422	30479.93	29.126	26.461	1.021
8/16/2017 11:45	567900	68.644	16.792	154.628	37820.273	44851.973	30499.344	29.147	26.441	1.021
8/16/2017 12:00	568800	68.647	16.788	154.635	37786.352	44816.004	30474.885	29.121	26.465	1.021
8/16/2017 12:15	569700	68.657	16.781	154.657	37803.086	44842.898	30493.174	29.14	26.453	1.021
8/16/2017 12:30	570600	68.66	16.789	154.664	37807.074	44838.715	30490.328	29.138	26.45	1.021
8/16/2017 12:45	571500	68.644	16.793	154.628	37831.645	44863.941	30507.482	29.156	26.433	1.021
8/16/2017 13:00	572400	68.642	16.792	154.623	37798.961	44826.148	30481.783	29.129	26.456	1.021
8/16/2017 13:15	573300	68.659	16.794	154.662	37793.465	44818.129	30476.33	29.123	26.46	1.021
8/16/2017 13:30	574200	68.646	16.789	154.631	37805.887	44838.121	30489.924	29.137	26.451	1.021
8/16/2017 13:45	575100	68.643	16.791	154.626	37804.895	44834.621	30487.545	29.135	26.452	1.021
8/16/2017 14:00	576000	6								

Report Date: 8/18/2017 9:05
Report User Name: WMassoll
Report Computer Name: WKST52
Application: WinSitu.exe
Application Version: 5.6.27.1

Log File Properties
File Name MPWSP MW-95 LT Test_2017-08-17_11-29-14-000-BaroMerge.wsl
Create Date 8/18/2017 9:00

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
Depth 1.012

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

Log Notes:
Date and Time Note
8/17/2016 12:56 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: ELinden 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 10:00:00 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 12:28 Log Download - Used Battery: 21% Used Memory: 34% User Name: WMassoll Interval - Start Time: 2/28/2017 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 1:45:00 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
5/25/2017 10:33 Log Download - Used Battery: 23% Used Memory: 40% User Name: AVanHaitsma Interval - Start Time: 5/17/2017 10:00:00 PM Stop Time: 5/25/2017 10:30:00 AM
6/1/2017 17:39 Log Download - Used Battery: 24% Used Memory: 40% User Name: WMassoll Interval - Start Time: 4/30/2017 10:00:00 PM Stop Time: 6/1/2017 5:30:00 PM
6/8/2017 12:12 Log Download - Used Battery: 24% Used Memory: 42% User Name: WMassoll Interval - Start Time: 5/31/2017 10:00:00 PM Stop Time: 6/8/2017 12:00:00 PM
6/8/2017 12:13 Log Download - Used Battery: 24% Used Memory: 42% User Name: WMassoll Interval - Start Time: 5/31/2017 10:00:00 PM Stop Time: 6/8/2017 12:00:00 PM
6/8/2017 12:16 Log Download - Used Battery: 24% Used Memory: 42% User Name: WMassoll Interval - Start Time: 5/31/2017 10:00:00 PM Stop Time: 6/8/2017 1:00:00 PM
6/15/2017 14:03 Log Download - Used Battery: 24% Used Memory: 42% User Name: AVanHaitsma Interval - Start Time: 6/7/2017 10:00:00 PM Stop Time: 6/15/2017 3:00:00 PM
6/22/2017 7:59 Log Download - Used Battery: 25% Used Memory: 43% User Name: AVanHaitsma Interval - Start Time: 6/14/2017 10:00:00 PM Stop Time: 6/22/2017 8:45:00 AM
6/29/2017 15:29 Log Download - Used Battery: 25% Used Memory: 43% User Name: WMassoll Interval - Start Time: 6/21/2017 10:00:00 PM Stop Time: 6/29/2017 4:15:00 PM
7/6/2017 11:15 Log Download - Used Battery: 25% Used Memory: 45% User Name: AVanHaitsma Interval - Start Time: 5/31/2017 10:00:00 PM Stop Time: 7/6/2017 12:15:00 PM
7/13/2017 13:51 Log Download - Used Battery: 26% Used Memory: 45% User Name: WMassoll Interval - Start Time: 7/5/2017 10:00:00 PM Stop Time: 7/13/2017 1:45:00 PM
7/20/2017 11:35 Log Download - Used Battery: 26% Used Memory: 46% User Name: WMassoll Interval - Start Time: 7/12/2017 10:00:00 PM Stop Time: 7/20/2017 11:30:00 AM
7/27/2017 10:42 Log Download - Used Battery: 26% Used Memory: 46% User Name: AVanHaitsma Interval - Start Time: 7/19/2017 10:00:00 PM Stop Time: 7/27/2017 11:30:00 AM
8/3/2017 11:21 Log Download - Used Battery: 27% Used Memory: 48% User Name: AVanHaitsma Interval - Start Time: 6/30/2017 10:00:00 PM Stop Time: 8/3/2017 12:15:00 PM
8/3/2017 17:59 Log Download - Used Battery: 27% Used Memory: 48% User Name: AVanHaitsma Interval - Start Time: 8/1/2017 10:00:00 PM Stop Time: 8/3/2017 7:30:00 PM
8/3/2017 18:14 Log Download - Used Battery: 27% Used Memory: 48% User Name: AVanHaitsma Interval - Start Time: 8/1/2017 10:00:00 PM Stop Time: 8/3/2017 6:00:00 PM
8/3/2017 18:15 Log Download - Used Battery: 27% Used Memory: 48% User Name: AVanHaitsma Interval - Start Time: 8/1/2017 10:00:00 PM Stop Time: 8/3/2017 7:00:00 PM
8/10/2017 12:05 Log Download - Used Battery: 28% Used Memory: 48% User Name: WMassoll Interval - Start Time: 8/2/2017 10:00:00 PM Stop Time: 8/10/2017 12:00:00 PM
8/17/2017 11:28 Log Download - Used Battery: 28% Used Memory: 50% User Name: ANorris Interval - Start Time: 8/9/2017 10:00:00 PM Stop Time: 8/17/2017 12:15:00 PM
8/18/2017 9:00 User Note: "Pressure & Level adjusted by baro data from: "MPWSP Barotroll_2017-08-17_15-14-23-201.wsl"

Log Data:
Record Count 726
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: Baro-Adj Calc	
		SNR: 427634	Corrected	SNR: 427634	Corrected	SNR: 427634	Corrected	SNR: 427634	Corrected	SNR: 427634	Corrected	SNR: 427634	Corrected	SNR: 427634	Corrected	SNR: 000000	
		Pressure (PSI)		Temperature (C)		Depth (ft)		Actual Conductivity (µS/cm)		Specific Conductivity (µS/cm)		Salinity (PSU)		Total Dissolved Solids (ppt)		Resistivity (ohm-cm)	
8/10/2017 0:00	7200		25.458	16.927	58.026	4082.128	4826.271	2.609	3.282	244.97	1.001	14.711					
8/10/2017 0:15	8100		25.455	16.926	58.02	4082.755	4827.146	2.609	3.282	244.933	1.001	14.714					
8/10/2017 0:30	9000		25.459	16.926	58.03	4083.689	4828.26	2.61	3.283	244.877	1.001	14.713					
8/10/2017 0:45	9900		25.461	16.927	58.033	4083.029	4827.363	2.609	3.283	244.916	1.001	14.714					
8/10/2017 1:00	10800		25.456	16.928	58.023	4084.508	4829.056	2.61	3.284	244.828	1.001	14.715					
8/10/2017 1:15	11700		25.454	16.926	58.018	4083.369	4827.918	2.61	3.283	244.896	1.001	14.717					
8/10/2017 1:30	12600		25.46	16.927	58.03	4085.97	4830.833	2.611	3.285	244.74	1.001	14.712					
8/10/2017 1:45	13500		25.461	16.926	58.033	4085.805	4830.799	2.611	3.285	244.75	1.001	14.713					
8/10/2017 2:00	14400		25.465	16.927	58.042	4086.27	4831.196	2.611	3.285	244.722	1.001	14.712					
8/10/2017 2:15	15300		25.464	16.927	58.039	4087.158	4832.257	2.612	3.286	244.669	1.001	14.709					
8/10/2017 2:30	16200		25.461	16.928	58.033	4088.269	4833.483	2.613	3.287	244.602	1.001	14.713					
8/10/2017 2:45	17100		25.466	16.926	58.044	4089.187	4834.769	2.614	3.288	244.547	1.001	14.71					
8/10/2017 3:00	18000		25.474	16.927	58.062	4090.236	4835.857	2.614	3.288	244.485	1.001	14.708					
8/10/2017 3:15	18900		25.472	16.927	58.058	4091.083	4836.887	2.615	3.289	244.434	1.001	14.711					
8/10/2017 3:30	19800		25.468	16.928	58.049	4091.117	4836.88	2.615	3.289	244.432	1.001	14.708					
8/10/2017 3:45	20700		25.471	16.927	58.056	4092.085	4838.119	2.615	3.29	244.374	1.001	14.705					
8/10/2017 4:00	21600		25.473	16.926	58.061	4092.392	4838.512	2.616	3.29	244.356	1.001	14.701					
8/10/2017 4:15	22500		25.469	16.927	58.051	4092.317	4838.337	2.616	3.29	244.36	1.001	14.708					
8/10/2017 4:30	23400		25.469	16.927	58.051	4093.457	4839.761	2.616	3.291	244.292	1.001	14.708					
8/10/2017 4:45	24300		25.468	16.928	58.05	4094.138	4840.46	2.617	3.292	244.252	1.001	14.706					
8/10/2017 5:00	25200		25.473	16.927	58.061	4093.652	4839.896	2.616	3.291	244.281	1.001	14.702					
8/10/2017 5:15	26100		25.47	16.927	58.055	4093.828	4840.104	2.617	3.291	244.27	1.001	14.707					
8/10/2017 5:30	27000		25.478	16.927	58.073	4093.743	4840.089	2.617	3.291	244.275	1.001	14.7					
8/10/2017 5:45	27900		25.467	16.928	58.048	4093.832	4840.098	2.617	3.291	244.27	1.001	14.706					
8/10/2017 6:00	28800		25.471	16.926	58.056	4092.781	4839.019	2.616	3.291	244.333	1.001	14.707					
8/10/2017 6:15	29700		25.467	16.926	58.048	4092.267	4838.382	2.616	3.29	244.363	1.001	14.712					
8/10/2017 6:30	30600		25.468	16.927	58.05	4091.428	4837.294	2.615	3.289	244.413	1.001	14.712					
8/10/2017 6:45	31500		25.465	16.928	58.043	4090.953	4836.656	2.615	3.289	244.442	1.001	14.716					
8/10/2017 7:00	32400		25.465	16.927	58.042	4090.837	4836.568	2.615	3.289	244.449	1.001	14.717					
8/10/2017 7:15	33300		25.464	16.927	58.04	4092.036	4838.08	2.615	3.29	244.377	1.001	14.717					
8/10/2017 7:30	34200		25.465	16.927	58.045	4091.176	4836.977	2.615	3.289	244.428	1.001	14.718					
8/10/2017 7:45	35100		25.477	16.926	58.07	4091.174	4837.09	2.615	3.289	244.429	1.001	14.718					
8/10/2017 8:00	36000		25.467	16.928	58.047	4089.794	4835.324	2.614	3.288	244.511	1.001	14.715					
8/10/2017 8:15	36900		25.471	16.927	58.056	4089.991	4835.606	2.614	3.288	244.499	1.001	14.719					
8/10/2017 8:30	37800		25.458	16.926	58.027	4090.617	4836.422	2.614	3.289	244.462	1.001	14.721					
8/10/2017 8:45	38700		25.464	16.927	58.041	4089.439	4834.954	2.614	3.288	244.532	1.001	14.717					
8/10/2017 9:00	39600		25.465	16.928	58.042	4088.61	4833.924	2.613	3.287	244.582	1.001	14.719					
8/10/2017 9:15	40500		25.462	16.926	58.035	4087.48	4832.751	2.612	3.286	244.649	1.001	14.721					
8/10/2017 9:30	41400		25.462	16.926	58.036	4089.108	4834.687	2.613	3.288	244.552	1.001	14.717					
8/10/2017 9:45	42300		25.461	16.926	58.033	4088.37	4833.794	2.613	3.287	244.596	1.001	14.726					
8/10/2017 10:00	43200		25.469	16.927	58.031	4086.82	4831.913	2.612	3.286	244.689	1.001	14.713					
8/10/2017 10:15	44100		25.455	16.927	58.02	4086.918	4831.974	2.612	3.286	244.683	1.001	14.723					
8/10/2017 10:30	45000		25.456	16.927	58.022	4088.339	4833.614	2.613	3.287	244.598	1.001	14.729					
8/10/2017 10:45	45900		25.46	16.926	58.032	4087.573	4832.88	2.612	3.286	244.644	1.001	14.725					
8/10/2017 11:00	46800		25.452	16.928	58.013	4087.053	4832.083	2.612	3.286	244.675	1.001	14.732					
8/10/2017 11:15	47700		25.426	16.926	58.026	4086.264	4831.304	2.612	3.285	244.722	1.001	14.725					
8/10/2017 11:30	48600		25.454	16.927	58.018	4085.413	4830.174	2.611	3.285	244.773	1.001	14.729					
8/10/2017 11:45	49500		25.458	16.927	58.026	4083.68	4828.192	2.61	3.283	244.877	1.001	14.727					
8/10/2017 12:00	50400		25.455	16.927	58.019	4084.286	4828.909	2.61	3.284	244.841	1.001	14.725					
8/10/2017 12:15	51300		25.452	16.927	58.013	4084.482	4829.063	2.61	3.284	244.829	1.001	14.728					
8/10/2017 12:30	52200		25.462	16.928	58.035	4083.425	4827.793	2.61	3.283	244.892	1.001	14.724					
8/10/2017 12:45	53100		25.457	16.928	58.023	4085.528	4830.242	2.611	3.285	244.766	1.001	14.726					
8/10/2017 13:00	54000		25.458	16.928	58.004	4083.238	4827.468	2.609	3.283	244.909	1.001	14.728					
8/10/2017 13:15	54900		25.457	16.927	58.024	4083.161	4827.579	2.609	3.283	244.908	1.001	14.723					
8/10/2017 13:30	55800		25.448	16.928	58.004	4083.68	4828.076	2.61	3.283	244.877	1.001	14.729					
8/10/2017 13:45	56700		25.45	16.928	58.008	4083.417	4827.746	2.609	3.283	244.893	1.001	14.731					
8/10/2017 14:00	57600		25.454	16.927	58.018	4083.437	4827.857	2.61	3.283	244.892	1.001	14.722					
8/10/2017 14:15	58500		25.455	16.928	58.02	4083.747	4828.155	2.61	3.283	244.873	1.001	14.726					
8/10/2017 14:30	59400		25.452	16.927	58.013	4082.707	4827.031	2.609	3.282	244.936	1.001	14.727					
8/10/2017 14:45	60300		25.451	16.928	58.02	4082.035	4826.104	2.609	3.282	244.976	1.001	14.726					
8/10/2017 15:00	61200		25.462	16.927	58.037	4083.384	4827.784	2.61	3.283	244.895	1.001	14.724					
8/10/2017 15:15	62100		25.444	16.926	57.995	4084.674	4829.406	2.61	3.284	244.818	1.001	14.725					
8/10/2017 15:30	63000		25.461	16.926	58.033	4084.222	4828.891	2.61	3.284	244.845	1.001	14.714					
8/10/2017 15:45	63900		25.455	16.927	58.02	4084.545	4829.157	2.61	3.284	244.825	1.001	14.717					
8/10/2017 16:00	64800		25.447	16.928	58.001	4084.662	4829.237	2.61	3.284	244.818	1.001	14.72					
8/10/2017 16:15	65700		25.451	16.927	58.015	4084.065	4828.57	2.61	3.283	244.854	1.001	14.718					
8/10/2017 16:30	66600		25.455	16.928	58.02	4085.879	4830.638	2.611	3.285	244.745	1.001	14.715					
8/10/2017 16:45	67500		25.459	16.928	58.028	4084.962	4829.592	2.611	3.284	244.8	1.001	14.715					
8/10/2017 17:00	68400		25.457	16.928	58.024	4085.743	4830.497	2.611	3.285	244.753	1.001	14.713					
8/10/2017 17:15	69300		25.452	16.927	58.013	4084.803	4829.52	2.611	3.284	244.81	1.001	14.715					
8/10/2017 17:30	70200		25.468	16.927	58.051	4085.0											

8/10/2017 19:00	75600	25.458	16.928	58.026	4085.46	4830.142	2.611	3.284	244.77	1.001	14.707
8/10/2017 19:15	76500	25.454	16.927	58.017	4086.016	4830.934	2.611	3.285	244.737	1.001	14.708
8/10/2017 19:30	77400	25.452	16.927	58.014	4084.764	4829.464	2.61	3.284	244.812	1.001	14.705
8/10/2017 19:45	78300	25.454	16.928	58.018	4085.638	4830.353	2.611	3.285	244.76	1.001	14.705
8/10/2017 20:00	79200	25.454	16.928	58.018	4085.72	4830.46	2.611	3.285	244.755	1.001	14.704
8/10/2017 20:15	80100	25.456	16.928	58.022	4083.728	4828.124	2.61	3.283	244.874	1.001	14.706
8/10/2017 20:30	81000	25.459	16.926	58.029	4084.393	4829.063	2.61	3.284	244.834	1.001	14.7
8/10/2017 20:45	81900	25.457	16.928	58.024	4084.62	4829.198	2.61	3.284	244.821	1.001	14.7
8/10/2017 21:00	82800	25.453	16.927	58.016	4084.556	4829.18	2.61	3.284	244.825	1.001	14.702
8/10/2017 21:15	83700	25.459	16.927	58.028	4084.459	4829.123	2.61	3.284	244.83	1.001	14.701
8/10/2017 21:30	84600	25.457	16.926	58.024	4083.179	4827.619	2.609	3.283	244.907	1.001	14.704
8/10/2017 21:45	85500	25.446	16.926	58	4083.122	4827.551	2.609	3.283	244.911	1.001	14.709
8/10/2017 22:00	86400	25.459	16.927	58.029	4084.227	4828.919	2.61	3.284	244.884	1.001	14.698
8/10/2017 22:15	87300	25.462	16.927	58.035	4083.273	4827.625	2.609	3.283	244.902	1.001	14.705
8/10/2017 22:30	88200	25.448	16.927	58.003	4082.484	4826.788	2.609	3.282	244.949	1.001	14.71
8/10/2017 22:45	89100	25.451	16.927	58.012	4083.634	4828.128	2.61	3.283	244.88	1.001	14.706
8/10/2017 23:00	90000	25.444	16.927	57.995	4081.081	4825.042	2.608	3.281	245.033	1.001	14.714
8/10/2017 23:15	90900	25.454	16.926	58.017	4081.115	4825.187	2.608	3.281	245.031	1.001	14.705
8/10/2017 23:30	91800	25.445	16.926	57.997	4081.192	4825.308	2.608	3.281	245.026	1.001	14.7
8/10/2017 23:45	92700	25.456	16.927	58.022	4079.606	4823.346	2.607	3.28	245.122	1.001	14.701
8/11/2017 0:00	93600	25.453	16.927	58.016	4080.922	4824.892	2.608	3.281	245.043	1.001	14.706
8/11/2017 0:15	94500	25.451	16.926	58.011	4081.721	4825.915	2.608	3.282	244.995	1.001	14.706
8/11/2017 0:30	95400	25.446	16.926	57.998	4081.606	4825.864	2.608	3.282	245.002	1.001	14.711
8/11/2017 0:45	96300	25.452	16.926	58.013	4080.862	4824.955	2.608	3.281	245.046	1.001	14.707
8/11/2017 1:00	97200	25.45	16.927	58.009	4081.18	4825.227	2.608	3.281	245.027	1.001	14.704
8/11/2017 1:15	98100	25.445	16.926	57.997	4082.574	4826.913	2.609	3.282	244.943	1.001	14.709
8/11/2017 1:30	99000	25.455	16.928	58.02	4081.136	4825.069	2.608	3.281	245.03	1.001	14.702
8/11/2017 1:45	99900	25.455	16.926	58.019	4081.339	4825.443	2.608	3.281	245.018	1.001	14.704
8/11/2017 2:00	100800	25.458	16.927	58.027	4082.594	4826.822	2.609	3.282	244.942	1.001	14.7
8/11/2017 2:15	101700	25.452	16.928	58.012	4083.467	4827.824	2.61	3.283	244.89	1.001	14.706
8/11/2017 2:30	102600	25.451	16.926	58.011	4082.12	4828.878	2.61	3.284	244.845	1.001	14.71
8/11/2017 2:45	103500	25.455	16.927	58.02	4082.984	4827.302	2.609	3.283	244.919	1.001	14.702
8/11/2017 3:00	104400	25.456	16.927	58.023	4083.883	4828.346	2.61	3.283	244.865	1.001	14.7
8/11/2017 3:15	105300	25.454	16.926	58.017	4083.537	4828.108	2.61	3.283	244.886	1.001	14.707
8/11/2017 3:30	106200	25.455	16.926	58.019	4084.431	4829.107	2.61	3.284	244.832	1.001	14.704
8/11/2017 3:45	107100	25.458	16.927	58.026	4085.221	4829.994	2.611	3.284	244.785	1.001	14.704
8/11/2017 4:00	108000	25.462	16.926	58.025	4086.188	4831.177	2.611	3.285	244.727	1.001	14.727
8/11/2017 4:15	108900	25.456	16.927	58.023	4087.368	4832.513	2.612	3.286	244.656	1.001	14.701
8/11/2017 4:30	109800	25.453	16.928	58.015	4086.715	4831.675	2.612	3.286	244.695	1.001	14.71
8/11/2017 4:45	110700	25.455	16.927	58.021	4086.019	4830.966	2.611	3.285	244.737	1.001	14.707
8/11/2017 5:00	111600	25.456	16.927	58.023	4086.576	4831.597	2.612	3.285	244.704	1.001	14.699
8/11/2017 5:15	112500	25.461	16.927	58.033	4087.49	4832.668	2.612	3.286	244.649	1.001	14.699
8/11/2017 5:30	113400	25.448	16.926	58.005	4088.575	4833.805	2.613	3.287	244.594	1.001	14.709
8/11/2017 5:45	114300	25.456	16.927	58.021	4087.429	4832.547	2.612	3.286	244.653	1.001	14.704
8/11/2017 6:00	115200	25.458	16.927	58.027	4086.43	4831.414	2.612	3.285	244.712	1.001	14.702
8/11/2017 6:15	116100	25.455	16.927	58.02	4086.886	4831.991	2.612	3.286	244.685	1.001	14.703
8/11/2017 6:30	117000	25.454	16.926	58.018	4088.43	4833.827	2.613	3.287	244.593	1.001	14.705
8/11/2017 6:45	117900	25.455	16.926	58.019	4087.287	4832.476	2.612	3.286	244.661	1.001	14.704
8/11/2017 7:00	118800	25.461	16.926	58.021	4087.781	4833.087	2.613	3.286	244.632	1.001	14.708
8/11/2017 7:15	119700	25.461	16.926	58.034	4086.139	4831.194	2.611	3.285	244.73	1.001	14.705
8/11/2017 7:30	120600	25.453	16.927	58.016	4085.889	4830.726	2.611	3.285	244.745	1.001	14.711
8/11/2017 7:45	121500	25.454	16.927	58.018	4086.196	4831.099	2.611	3.285	244.726	1.001	14.712
8/11/2017 8:00	122400	25.467	16.927	58.047	4084.937	4829.667	2.611	3.284	244.802	1.001	14.708
8/11/2017 8:15	123300	25.456	16.927	58.023	4085.335	4830.091	2.611	3.284	244.778	1.001	14.711
8/11/2017 8:30	124200	25.448	16.927	58.003	4086.097	4831.01	2.611	3.285	244.732	1.001	14.718
8/11/2017 8:45	125100	25.459	16.926	58.029	4085.889	4830.829	2.611	3.285	244.745	1.001	14.709
8/11/2017 9:00	126000	25.455	16.926	58.02	4084.229	4828.86	2.61	3.284	244.844	1.001	14.713
8/11/2017 9:15	126900	25.454	16.927	58.017	4085.06	4829.794	2.611	3.284	244.794	1.001	14.713
8/11/2017 9:30	127800	25.448	16.927	58.004	4085.434	4830.236	2.611	3.285	244.772	1.001	14.718
8/11/2017 9:45	128700	25.449	16.928	58.005	4085.272	4829.969	2.611	3.284	244.782	1.001	14.718
8/11/2017 10:00	129600	25.456	16.927	58.023	4084.983	4829.723	2.611	3.284	244.799	1.001	14.712
8/11/2017 10:15	130500	25.456	16.926	58.023	4085.02	4827.712	2.609	3.283	244.906	1.001	14.714
8/11/2017 10:30	131400	25.447	16.927	58.001	4083.876	4828.357	2.61	3.283	244.865	1.001	14.721
8/11/2017 10:45	132300	25.449	16.926	58.005	4083.168	4827.644	2.609	3.283	244.908	1.001	14.718
8/11/2017 11:00	133200	25.453	16.927	58.015	4082.403	4826.682	2.609	3.282	244.954	1.001	14.718
8/11/2017 11:15	134100	25.451	16.926	58.011	4082.51	4826.827	2.609	3.282	244.947	1.001	14.717
8/11/2017 11:30	135000	25.446	16.926	57.998	4082.029	4826.288	2.609	3.282	244.976	1.001	14.72
8/11/2017 11:45	135900	25.453	16.927	58.014	4082.612	4826.912	2.609	3.282	244.938	1.001	14.709
8/11/2017 12:00	136800	25.444	16.927	57.994	4082.656	4826.991	2.609	3.282	244.939	1.001	14.716
8/11/2017 12:15	137700	25.445	16.926	57.997	4080.71	4824.708	2.608	3.281	245.055	1.001	14.719
8/11/2017 12:30	138600	25.452	16.926	58.012	4080.456	4824.465	2.608	3.281	245.071	1.001	14.71
8/11/2017 12:45	139500	25.443	16.926	57.992	4082.507	4826.881	2.609	3.282	244.948	1.001	14.716
8/11/2017 13:00	140400	25.442	16.926	57.991	4080.665	4824.666	2.608	3.281	245.058	1.001	14.715
8/11/2017 13:15	141300	25.445	16.926	57.997	4081.881	4826.093	2.609	3.282	244.985	1.001	14.71
8/11/2017 13:30	142200	25.451	16.927	58.011	4080.5	4824.413	2.608	3.281	245.068	1.001	14.703
8/11/2017 13:45	143100	25.449	16.928	58.006	4082.662	4826.891	2.609	3.282	244.938	1.001	14.708
8/11/2017 14:00	144000	25.445	16.927	57.997	4082.267	4826.444	2.609	3.282	244.962	1.001	14.709
8/11/2017 14:15	144900	25.442	16.927	57.99	4082.305	4826.519	2.609	3.282	244.96	1.001	14.712
8/11/2017 14:30	145800	25.448	16.926	58.004	4081.718	4825.9	2.608	3.282	244.995	1.001	14.705
8/11/2017 14:45	146700	25.448	16.927	58.003	4082.209	4826.613	2.609	3.282	244.965	1.001	14.708
8/11/2017 15:00	147600	25.443	16.926	57.991	4082.248	4826.545	2.609	3.282	244.963	1.001	14.704
8/11/2017 15:15	148500	25.453	16.927	58.016	4080.465	4824.391	2.608	3.281	245.07	1.001	14.7
8/11/2017 15:30	149400	25.452	16.927	58.013	4083.602	4828.014	2.61	3.283	244.882	1.001	14.695
8/11/2017 15:45	150300	25.449	16.926	58.006	4083.81	4828.431	2.61	3.283	244.869	1.001	14.697
8/11/2017 16:00	151200	25.444	16.927	57.994	4084.589	4829.208	2.61	3.284	244.823	1.001	14.7
8/11/2											

8/13/2017 23:45	265500	25.442	16.926	57.991	4087.017	4832.243	2.612	3.286	244.677	1.001	14.701
8/13/2017 0:00	266400	25.444	16.926	57.994	4085.586	4830.56	2.611	3.285	244.763	1.001	14.701
8/13/2017 0:15	267300	25.442	16.926	57.991	4085.564	4830.534	2.611	3.285	244.764	1.001	14.701
8/13/2017 0:30	268200	25.445	16.926	57.996	4085.985	4831.041	2.611	3.285	244.739	1.001	14.702
8/13/2017 0:45	269100	25.452	16.925	58.014	4085.035	4829.966	2.611	3.284	244.796	1.001	14.692
8/13/2017 1:00	270000	25.441	16.925	57.988	4084.825	4829.108	2.61	3.284	244.838	1.001	14.696
8/13/2017 1:15	270900	25.439	16.925	57.984	4085.134	4830.084	2.611	3.284	244.79	1.001	14.7
8/13/2017 1:30	271800	25.449	16.927	58.005	4084.427	4829.084	2.61	3.284	244.832	1.001	14.696
8/13/2017 1:45	272700	25.445	16.926	57.996	4084.825	4829.651	2.611	3.284	244.809	1.001	14.695
8/13/2017 2:00	273600	25.449	16.926	58.005	4084.321	4829.035	2.61	3.284	244.839	1.001	14.694
8/13/2017 2:15	274500	25.448	16.926	58.003	4085.834	4830.833	2.611	3.285	244.748	1.001	14.693
8/13/2017 2:30	275400	25.44	16.925	57.986	4084.794	4829.7	2.611	3.284	244.81	1.001	14.695
8/13/2017 2:45	276300	25.44	16.925	57.985	4085.168	4830.065	2.611	3.284	244.788	1.001	14.695
8/13/2017 3:00	277200	25.446	16.926	57.999	4085	4829.857	2.611	3.284	244.798	1.001	14.692
8/13/2017 3:15	278100	25.445	16.926	57.997	4083.931	4828.565	2.61	3.283	244.862	1.001	14.694
8/13/2017 3:30	279000	25.446	16.926	58	4085.197	4830.043	2.611	3.284	244.786	1.001	14.692
8/13/2017 3:45	279900	25.444	16.926	57.995	4084.764	4829.502	2.61	3.284	244.812	1.001	14.694
8/13/2017 4:00	280800	25.444	16.925	57.995	4084.645	4829.524	2.611	3.284	244.819	1.001	14.694
8/13/2017 4:15	281700	25.448	16.926	57.995	4085.328	4829.25	2.611	3.285	244.772	1.001	14.692
8/13/2017 4:30	282600	25.447	16.926	58.001	4085.35	4830.243	2.611	3.285	244.777	1.001	14.689
8/13/2017 4:45	283500	25.433	16.926	57.97	4083.86	4828.472	2.61	3.283	244.866	1.001	14.698
8/13/2017 5:00	284400	25.452	16.926	58.013	4085.502	4830.441	2.611	3.285	244.768	1.001	14.691
8/13/2017 5:15	285300	25.445	16.926	57.997	4086.235	4831.26	2.612	3.285	244.724	1.001	14.693
8/13/2017 5:30	286200	25.445	16.926	57.997	4084.715	4829.529	2.611	3.284	244.815	1.001	14.695
8/13/2017 5:45	287100	25.435	16.926	57.975	4084.511	4829.25	2.61	3.284	244.827	1.001	14.7
8/13/2017 6:00	288000	25.442	16.925	57.99	4084.842	4829.699	2.611	3.284	244.807	1.001	14.697
8/13/2017 6:15	288900	25.436	16.926	57.977	4085.155	4830.021	2.611	3.284	244.789	1.001	14.704
8/13/2017 6:30	289800	25.444	16.925	57.994	4084.789	4829.646	2.611	3.284	244.811	1.001	14.701
8/13/2017 6:45	290700	25.448	16.925	58.004	4085.627	4830.626	2.611	3.285	244.76	1.001	14.698
8/13/2017 7:00	291600	25.44	16.926	57.985	4084.304	4829.006	2.61	3.284	244.84	1.001	14.706
8/13/2017 7:15	292500	25.442	16.925	57.99	4084.441	4829.225	2.61	3.284	244.832	1.001	14.703
8/13/2017 7:30	293400	25.441	16.926	57.987	4085.484	4830.382	2.611	3.285	244.769	1.001	14.704
8/13/2017 7:45	294300	25.449	16.925	58.006	4084.814	4829.724	2.611	3.284	244.809	1.001	14.701
8/13/2017 8:00	295200	25.439	16.925	57.984	4083.398	4828.021	2.61	3.283	244.894	1.001	14.708
8/13/2017 8:15	296100	25.438	16.925	57.98	4085.037	4829.959	2.611	3.284	244.796	1.001	14.714
8/13/2017 8:30	297000	25.442	16.925	57.991	4084.324	4829.097	2.61	3.284	244.839	1.001	14.71
8/13/2017 8:45	297900	25.438	16.926	57.982	4083.269	4827.748	2.609	3.283	244.902	1.001	14.714
8/13/2017 9:00	298800	25.437	16.926	57.978	4083.31	4827.85	2.61	3.283	244.899	1.001	14.711
8/13/2017 9:15	299700	25.438	16.926	57.981	4083.36	4827.909	2.61	3.283	244.896	1.001	14.719
8/13/2017 9:30	300600	25.437	16.925	57.98	4081.747	4826.04	2.609	3.282	244.993	1.001	14.716
8/13/2017 9:45	301500	25.434	16.925	57.971	4081.683	4825.994	2.608	3.282	244.997	1.001	14.721
8/13/2017 10:00	302400	25.44	16.925	57.985	4083.005	4827.526	2.609	3.283	244.918	1.001	14.721
8/13/2017 10:15	303300	25.439	16.926	57.972	4081.62	4825.973	2.608	3.282	245.001	1.001	14.723
8/13/2017 10:30	304200	25.436	16.925	57.977	4082.877	4827.434	2.609	3.283	244.925	1.001	14.723
8/13/2017 10:45	305100	25.434	16.925	57.972	4081.593	4825.896	2.608	3.282	245.002	1.001	14.725
8/13/2017 11:00	306000	25.431	16.926	57.964	4080.758	4824.861	2.608	3.281	245.053	1.001	14.728
8/13/2017 11:15	306900	25.433	16.926	57.97	4081.834	4826.114	2.609	3.282	244.988	1.001	14.73
8/13/2017 11:30	307800	25.436	16.926	57.976	4082.305	4826.69	2.609	3.282	244.96	1.001	14.723
8/13/2017 11:45	308700	25.432	16.926	57.967	4081.051	4825.745	2.608	3.281	245.025	1.001	14.728
8/13/2017 12:00	309600	25.431	16.926	57.966	4081.162	4825.31	2.608	3.281	245.028	1.001	14.727
8/13/2017 12:15	310500	25.433	16.926	57.97	4082.545	4826.926	2.609	3.282	244.945	1.001	14.724
8/13/2017 12:30	311400	25.433	16.926	57.97	4080.645	4824.642	2.608	3.281	245.059	1.001	14.728
8/13/2017 12:45	312300	25.439	16.926	57.984	4082.129	4826.416	2.609	3.282	244.97	1.001	14.723
8/13/2017 13:00	313200	25.432	16.926	57.967	4081.189	4825.361	2.608	3.281	245.027	1.001	14.725
8/13/2017 13:15	314100	25.438	16.926	57.98	4081.63	4825.797	2.608	3.282	245	1.001	14.721
8/13/2017 13:30	315000	25.438	16.926	57.982	4081.479	4825.675	2.608	3.281	245.009	1.001	14.719
8/13/2017 13:45	315900	25.432	16.925	57.967	4080.903	4825.062	2.608	3.281	245.044	1.001	14.726
8/13/2017 14:00	316800	25.438	16.926	57.981	4080.76	4824.854	2.608	3.281	245.052	1.001	14.718
8/13/2017 14:15	317700	25.43	16.926	57.963	4082.502	4826.923	2.609	3.282	244.948	1.001	14.722
8/13/2017 14:30	318600	25.434	16.926	57.973	4080.966	4825.041	2.608	3.281	245.04	1.001	14.724
8/13/2017 14:45	319500	25.432	16.926	57.967	4082.272	4826.632	2.609	3.282	244.962	1.001	14.719
8/13/2017 15:00	320400	25.432	16.926	57.967	4081.965	4826.212	2.609	3.282	244.98	1.001	14.716
8/13/2017 15:15	321300	25.435	16.926	57.974	4082.219	4826.56	2.609	3.282	244.965	1.001	14.71
8/13/2017 15:30	322200	25.441	16.926	57.988	4082.002	4826.265	2.609	3.282	244.978	1.001	14.711
8/13/2017 15:45	323100	25.437	16.926	57.978	4081.62	4825.88	2.608	3.282	245.001	1.001	14.708
8/13/2017 16:00	324000	25.437	16.926	57.979	4084.175	4828.854	2.61	3.284	244.847	1.001	14.708
8/13/2017 16:15	324900	25.443	16.926	57.992	4083.69	4828.27	2.61	3.283	244.877	1.001	14.702
8/13/2017 16:30	325800	25.43	16.926	57.963	4082.463	4826.25	2.61	3.283	244.871	1.001	14.711
8/13/2017 16:45	326700	25.438	16.926	57.982	4083.241	4827.73	2.609	3.283	244.903	1.001	14.704
8/13/2017 17:00	327600	25.44	16.926	57.986	4085.261	4830.175	2.611	3.285	244.782	1.001	14.698
8/13/2017 17:15	328500	25.444	16.926	57.996	4085.837	4830.837	2.611	3.285	244.748	1.001	14.703
8/13/2017 17:30	329400	25.441	16.926	57.989	4086.434	4831.524	2.612	3.285	244.712	1.001	14.699
8/13/2017 17:45	330300	25.439	16.926	57.983	4087.69	4833.057	2.613	3.286	244.637	1.001	14.696
8/13/2017 18:00	331200	25.446	16.926	57.999	4087.581	4832.843	2.612	3.286	244.643	1.001	14.695
8/13/2017 18:15	332100	25.447	16.926	58.002	4088.547	4834.022	2.613	3.287	244.586	1.001	14.693
8/13/2017 18:30	333000	25.441	16.926	57.987	4089.325	4834.971	2.614	3.288	244.539	1.001	14.692
8/13/2017 18:45	333900	25.441	16.927	57.988	4089.317	4834.847	2.614	3.288	244.54	1.001	14.69
8/13/2017 19:00	334800	25.448	16.925	58.005	4090.819	4836.775	2.615	3.289	244.45	1.001	14.686
8/13/2017 19:15	335700	25.452	16.926	58.013	4091.017	4836.886	2.615	3.289	244.438	1.001	14.683
8/13/2017 19:30	336600	25.447	16.926	58.01	4091.386	4837.408	2.615	3.289	244.416	1.001	14.686
8/13/2017 19:45	337500	25.449	16.926	58.006	4091.253	4837.184	2.615	3.289	244.424	1.001	14.684
8/13/2017 20:00	338400	25.448	16.926	58.004	4090.776	4836.658	2.615	3.289	244.452	1.001	14.687
8/13/2017 20:15	339300	25.448	16.926	58.005	4092.391	4838.597	2.616	3.29	244.356	1.001	14.686
8/13/2017 20:30	340200	25.457	16.926	58.024	4091.569	4837.558	2.615	3.29	244.405	1.001	14.687
8/13/2017 20:45	341100	25.453	16.926	58.016	4092.192	4838.351	2.616	3.29	244.368	1.001	14.68

8/15/2017 4:30	455400	25.452	16.926	58.013	4093.93	4840.425	2.617	3.291	244.264	1.001	14.67
8/15/2017 4:45	456300	25.452	16.925	58.013	4095.156	4841.971	2.618	3.293	244.191	1.001	14.673
8/15/2017 5:00	457200	25.455	16.925	58.019	4094.106	4840.73	2.617	3.292	244.254	1.001	14.668
8/15/2017 5:15	458100	25.45	16.924	58.009	4093.347	4839.871	2.616	3.291	244.299	1.001	14.672
8/15/2017 5:30	459000	25.451	16.925	58.011	4092.988	4839.388	2.616	3.291	244.32	1.001	14.673
8/15/2017 5:45	459900	25.444	16.926	57.994	4092.884	4839.59	2.616	3.291	244.327	1.001	14.673
8/15/2017 6:00	460800	25.448	16.925	58.003	4092.608	4839	2.616	3.29	244.343	1.001	14.674
8/15/2017 6:15	461700	25.445	16.925	57.998	4093.641	4840.122	2.617	3.291	244.281	1.001	14.677
8/15/2017 6:30	462600	25.452	16.924	58.012	4092.714	4839.111	2.616	3.291	244.337	1.001	14.669
8/15/2017 6:45	463500	25.449	16.925	58.005	4091.553	4837.654	2.615	3.29	244.406	1.001	14.677
8/15/2017 7:00	464400	25.441	16.925	57.989	4090.565	4836.485	2.615	3.289	244.465	1.001	14.685
8/15/2017 7:15	465300	25.446	16.925	57.999	4091.357	4837.488	2.615	3.289	244.418	1.001	14.682
8/15/2017 7:30	466200	25.448	16.925	58.004	4091.811	4837.938	2.615	3.29	244.391	1.001	14.679
8/15/2017 7:45	467100	25.443	16.925	57.992	4092.534	4838.823	2.616	3.29	244.347	1.001	14.685
8/15/2017 8:00	468000	25.449	16.924	58.007	4089.976	4835.904	2.614	3.288	244.5	1.001	14.691
8/15/2017 8:15	468900	25.446	16.925	57.999	4089.882	4835.658	2.614	3.288	244.506	1.001	14.689
8/15/2017 8:30	469800	25.438	16.925	57.98	4090.686	4836.667	2.615	3.289	244.458	1.001	14.694
8/15/2017 8:45	470700	25.444	16.925	57.995	4089.463	4835.21	2.614	3.288	244.531	1.001	14.694
8/15/2017 9:00	471600	25.439	16.924	57.983	4090.161	4836.142	2.614	3.289	244.489	1.001	14.693
8/15/2017 9:15	472500	25.449	16.925	58.007	4089.52	4835.269	2.614	3.288	244.527	1.001	14.69
8/15/2017 9:30	473400	25.441	16.925	57.987	4090.5	4836.427	2.614	3.289	244.469	1.001	14.697
8/15/2017 9:45	474300	25.445	16.925	57.997	4089.18	4834.905	2.614	3.288	244.548	1.001	14.693
8/15/2017 10:00	475200	25.436	16.926	57.977	4089.424	4835.088	2.614	3.288	244.533	1.001	14.702
8/15/2017 10:15	476100	25.442	16.925	57.991	4088.529	4834.078	2.613	3.287	244.587	1.001	14.695
8/15/2017 10:30	477000	25.444	16.925	57.995	4089.657	4835.459	2.614	3.288	244.519	1.001	14.701
8/15/2017 10:45	477900	25.435	16.925	57.974	4088.435	4834.033	2.613	3.287	244.592	1.001	14.707
8/15/2017 11:00	478800	25.437	16.925	57.978	4088.871	4834.502	2.613	3.287	244.566	1.001	14.703
8/15/2017 11:15	479700	25.441	16.924	57.988	4087.304	4832.726	2.612	3.286	244.66	1.001	14.702
8/15/2017 11:30	480600	25.439	16.924	57.983	4087.215	4832.628	2.612	3.286	244.665	1.001	14.703
8/15/2017 11:45	481500	25.431	16.925	57.964	4087.937	4833.406	2.613	3.287	244.622	1.001	14.71
8/15/2017 12:00	482400	25.444	16.924	57.995	4089.427	4835.498	2.614	3.288	244.533	1.001	14.691
8/15/2017 12:15	483300	25.455	16.925	58.021	4087.968	4833.415	2.613	3.287	244.62	1.001	14.696
8/15/2017 12:30	484200	25.433	16.925	57.97	4087.808	4833.206	2.613	3.287	244.63	1.001	14.709
8/15/2017 12:45	485100	25.438	16.924	57.982	4088.792	4834.532	2.613	3.287	244.571	1.001	14.699
8/15/2017 13:00	486000	25.441	16.924	57.987	4088.811	4834.554	2.613	3.287	244.57	1.001	14.704
8/15/2017 13:15	486900	25.445	16.926	57.998	4088.28	4833.736	2.613	3.287	244.602	1.001	14.699
8/15/2017 13:30	487800	25.436	16.925	57.977	4087.999	4833.499	2.613	3.287	244.618	1.001	14.704
8/15/2017 13:45	488700	25.432	16.924	57.967	4087.345	4832.832	2.612	3.286	244.658	1.001	14.706
8/15/2017 14:00	489600	25.444	16.926	57.994	4088.25	4833.672	2.613	3.287	244.603	1.001	14.699
8/15/2017 14:15	490500	25.44	16.924	57.986	4087.186	4832.651	2.612	3.286	244.667	1.001	14.699
8/15/2017 14:30	491400	25.44	16.924	57.985	4088.816	4834.502	2.613	3.287	244.57	1.001	14.699
8/15/2017 14:45	492300	25.441	16.924	57.989	4087.793	4833.351	2.613	3.287	244.631	1.001	14.696
8/15/2017 15:00	493200	25.436	16.925	57.975	4087.99	4833.489	2.613	3.287	244.619	1.001	14.7
8/15/2017 15:15	494100	25.437	16.924	57.979	4087.998	4833.603	2.613	3.287	244.619	1.001	14.698
8/15/2017 15:30	495000	25.435	16.925	57.975	4088.545	4834.125	2.613	3.287	244.586	1.001	14.698
8/15/2017 15:45	495900	25.435	16.925	57.974	4087.797	4833.29	2.613	3.287	244.631	1.001	14.7
8/15/2017 16:00	496800	25.438	16.925	57.98	4088.792	4834.455	2.613	3.287	244.571	1.001	14.694
8/15/2017 16:15	497700	25.443	16.925	57.993	4087.589	4832.986	2.612	3.286	244.643	1.001	14.694
8/15/2017 16:30	498600	25.439	16.924	57.982	4087.591	4832.986	2.612	3.286	244.648	1.001	14.695
8/15/2017 16:45	499500	25.44	16.925	57.987	4088.823	4834.483	2.613	3.287	244.569	1.001	14.691
8/15/2017 17:00	500400	25.443	16.925	57.992	4088.846	4834.453	2.613	3.287	244.568	1.001	14.691
8/15/2017 17:15	501300	25.441	16.924	57.988	4089.292	4835.114	2.614	3.288	244.541	1.001	14.695
8/15/2017 17:30	502200	25.443	16.925	57.993	4089.877	4835.672	2.614	3.288	244.506	1.001	14.695
8/15/2017 17:45	503100	25.437	16.924	57.979	4088.956	4834.755	2.614	3.288	244.561	1.001	14.695
8/15/2017 18:00	504000	25.442	16.924	57.991	4090.318	4836.297	2.614	3.289	244.48	1.001	14.692
8/15/2017 18:15	504900	25.443	16.926	57.994	4090.169	4835.978	2.614	3.288	244.489	1.001	14.694
8/15/2017 18:30	505800	25.444	16.925	57.995	4092.31	4838.626	2.616	3.29	244.361	1.001	14.689
8/15/2017 18:45	506700	25.446	16.924	57.999	4092.712	4839.108	2.616	3.291	244.337	1.001	14.69
8/15/2017 19:00	507600	25.45	16.924	58.009	4092.321	4838.647	2.616	3.29	244.36	1.001	14.693
8/15/2017 19:15	508500	25.449	16.925	58.006	4093.812	4840.334	2.617	3.291	244.271	1.001	14.69
8/15/2017 19:30	509400	25.448	16.926	58.005	4094.36	4840.943	2.617	3.292	244.238	1.001	14.691
8/15/2017 19:45	510300	25.456	16.926	58.021	4096.21	4843.092	2.618	3.293	244.128	1.001	14.69
8/15/2017 20:00	511200	25.458	16.925	58.027	4095.51	4842.41	2.618	3.293	244.17	1.001	14.69
8/15/2017 20:15	512100	25.45	16.925	58.008	4097.478	4844.688	2.619	3.294	244.053	1.001	14.695
8/15/2017 20:30	513000	25.452	16.925	58.012	4098.732	4846.17	2.62	3.295	243.978	1.001	14.695
8/15/2017 20:45	513900	25.456	16.924	58.022	4097.784	4845.106	2.619	3.295	244.034	1.001	14.694
8/15/2017 21:00	514800	25.455	16.925	58.021	4098.215	4845.521	2.62	3.295	244.009	1.001	14.698
8/15/2017 21:15	515700	25.459	16.924	58.029	4098.106	4845.498	2.62	3.295	244.015	1.001	14.696
8/15/2017 21:30	516600	25.451	16.924	58.011	4097.917	4845.282	2.62	3.295	244.026	1.001	14.703
8/15/2017 21:45	517500	25.457	16.924	58.025	4097.906	4845.261	2.62	3.295	244.027	1.001	14.701
8/15/2017 22:00	518400	25.452	16.925	58.012	4100.123	4847.786	2.621	3.296	243.895	1.001	14.707
8/15/2017 22:15	519300	25.46	16.924	58.032	4099.432	4847.092	2.621	3.296	243.936	1.001	14.701
8/15/2017 22:30	520200	25.45	16.925	58.009	4099.963	4847.655	2.621	3.296	243.905	1.001	14.712
8/15/2017 22:45	521100	25.451	16.925	58.011	4099.215	4846.702	2.62	3.296	243.949	1.001	14.714
8/15/2017 23:00	522000	25.456	16.924	58.022	4099.522	4847.161	2.621	3.296	243.931	1.001	14.709
8/15/2017 23:15	522900	25.458	16.924	58.027	4099.786	4847.492	2.621	3.296	243.915	1.001	14.706
8/15/2017 23:30	523800	25.453	16.926	58.014	4099.731	4847.275	2.621	3.296	243.918	1.001	14.71
8/15/2017 23:45	524700	25.458	16.925	58.026	4099.178	4846.649	2.62	3.296	243.951	1.001	14.704
8/16/2017 0:00	525600	25.462	16.925	58.035	4100.06	4847.788	2.621	3.296	243.899	1.001	14.704
8/16/2017 0:15	526500	25.461	16.925	58.034	4100.685	4848.411	2.621	3.297	243.863	1.001	14.702
8/16/2017 0:30	527400	25.463	16.926	58.038	4099.573	4847.097	2.621	3.296	243.928	1.001	14.707
8/16/2017 0:45	528300	25.462	16.926	58.035	4099.658	4847.15	2.621	3.296	243.923	1.001	14.702
8/16/2017 1:00	529200	25.456	16.925	58.021	4099.403	4846.982	2.621	3.296	243.938	1.001	14.707
8/16/2017 1:15	530100	25.461	16.924	58.033	4099.108	4846.74	2.62	3.296	243.956	1.001	14.704
8/16/2017 1:30	531000	25.458	16.924	58.027	4099.519	4847.168	2.621	3.296			

Report Date: 8/18/2017 9:06
Report User Name: WMassoll
Report Computer Name: WKST52
Application: WinSitu.exe
Application Version: 5.6.27.1

Log File Properties
File Name MPWSP TSW Trans 2_2017-08-17_08-04-45-703.wsl
Create Date 8/17/2017 8:03

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 713

Sensors 1
1 396433 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	Sensor: PCTD(G) 231ft
		SN#: 396433	SN#: 396433	SN#: 396433	SN#: 396433	SN#: 396433	SN#: 396433	SN#: 396433	SN#: 396433	SN#: 396433	SN#: 396433
		Pressure (PSI)	Temperature (C)	Depth (ft)	Actual Conductivity (µS/cm)	Specific Conductivity (µS/cm)	Salinity (PSU)	Total Dissolved Solids (ppt)	Resistivity (ohm-cm)	Water Density (g/cm3)	
8/10/2017 0:00		7200	9.181	15.746	20.681	36121.426	43876.613	28.384	29.836	27.684	1.021
8/10/2017 0:15		8100	9.262	15.747	20.862	36130.758	43887.41	28.391	29.843	27.677	1.021
8/10/2017 0:30		9000.001	9.186	15.747	20.693	36129.016	43885.109	28.39	29.842	27.679	1.021
8/10/2017 0:45		9900	9.292	15.746	20.93	36077.125	43822.445	28.345	29.799	27.718	1.021
8/10/2017 1:00		10800.001	9.182	15.749	20.684	36149.84	43908.344	28.406	29.858	27.663	1.021
8/10/2017 1:15		11700.001	9.208	15.747	20.743	36080.332	43825.438	28.347	29.801	27.716	1.021
8/10/2017 1:30		12600	9.14	15.747	20.588	36147.102	43906.734	28.405	29.857	27.665	1.021
8/10/2017 1:45		13500	9.233	15.748	20.799	36132.367	43888.277	28.392	29.844	27.676	1.021
8/10/2017 2:00		14400.002	9.177	15.749	20.673	36101.02	43848.559	28.364	29.817	27.7	1.021
8/10/2017 2:15		15300	9.138	15.751	20.583	36147.09	43903.203	28.403	29.854	27.665	1.021
8/10/2017 2:30		16200	9.117	15.748	20.655	36122.496	43875.66	28.383	29.835	27.684	1.021
8/10/2017 2:45		17100	9.13	15.751	20.566	36168.129	43928.652	28.421	29.871	27.649	1.021
8/10/2017 3:00		18000	9.144	15.75	20.598	36143.57	43899.547	28.4	29.852	27.667	1.021
8/10/2017 3:15		18900	9.115	15.751	20.531	36084.379	43826.586	28.348	29.802	27.713	1.021
8/10/2017 3:30		19800	9.077	15.749	20.447	36063.422	43803.191	28.331	29.786	27.729	1.021
8/10/2017 3:45		20700	9.026	15.748	20.333	36084.906	43830.555	28.351	29.805	27.712	1.021
8/10/2017 4:00		21600.001	9.024	15.751	20.328	36116.711	43865.402	28.376	29.828	27.688	1.021
8/10/2017 4:15		22500.001	9.072	15.752	20.434	36110.977	43858.168	28.371	29.824	27.692	1.021
8/10/2017 4:30		23400.001	9.024	15.804	20.328	32388.936	39289.938	25.12	26.717	30.875	1.018
8/10/2017 4:45		24300	8.988	15.796	20.246	34249.656	41554.68	26.726	28.257	29.197	1.019
8/10/2017 5:00		25200	8.957	15.761	20.176	36168.598	43918.246	28.414	29.864	27.648	1.021
8/10/2017 5:15		26100.001	8.984	15.757	20.236	36118.449	43861.848	28.374	29.826	27.687	1.021
8/10/2017 5:30		27000	8.898	15.789	20.043	36003.574	43690.207	28.252	29.709	27.775	1.021
8/10/2017 5:45		27900	8.922	15.757	20.097	36127.621	43873.172	28.382	29.834	27.68	1.021
8/10/2017 6:00		28800	8.936	15.776	20.129	36095.727	43815.117	28.341	29.794	27.704	1.021
8/10/2017 6:15		29700	8.884	15.803	20.013	31787.891	38562.004	24.606	26.222	31.459	1.018
8/10/2017 6:30		30600	8.969	15.757	20.204	36092.895	43831	28.351	29.805	27.706	1.021
8/10/2017 6:45		31500	8.873	15.762	19.988	36085.418	43816.609	28.341	29.795	27.712	1.021
8/10/2017 7:00		32400	8.858	15.801	19.953	36175.645	38427.102	24.511	26.13	31.57	1.018
8/10/2017 7:15		33300.002	8.862	15.77	19.963	36122.125	43853.367	28.368	29.82	27.684	1.021
8/10/2017 7:30		34200	8.866	15.761	19.971	36113.871	43852.16	28.367	29.819	27.69	1.021
8/10/2017 7:45		35100	8.913	15.799	20.078	33976.32	41220.176	26.488	28.03	29.432	1.019
8/10/2017 8:00		36000	8.833	15.802	19.897	32373.938	39273.348	25.108	26.706	30.889	1.018
8/10/2017 8:15		36900	8.845	15.761	19.924	36124.129	43865.148	28.376	29.828	27.682	1.021
8/10/2017 8:30		37800.001	8.815	15.804	19.856	32870.789	39874.457	25.534	27.115	30.422	1.019
8/10/2017 8:45		38700	8.757	15.761	19.727	36108.816	43846.371	28.363	29.816	27.694	1.021
8/10/2017 9:00		39600	8.832	15.803	19.895	33384.344	40498.258	25.976	27.539	29.954	1.019
8/10/2017 9:15		40500.002	8.886	15.763	20.018	36110.574	43845.816	28.362	29.815	27.693	1.021
8/10/2017 9:30		41400	8.948	15.799	20.157	34940.16	42390.113	27.322	28.825	28.62	1.02
8/10/2017 9:45		42300.001	8.933	15.8	20.123	36152.023	43858.938	28.374	29.824	27.661	1.021

8/10/2017 10:00	43200	8.823	15.761	19.875	36161.141	43909.91	28.408	29.859	27.654	1.021
8/10/2017 10:15	44100	8.934	15.808	20.125	32178.912	39031.328	24.938	26.541	31.076	1.018
8/10/2017 10:30	45000	8.958	15.765	20.179	36171.293	43918.191	28.415	29.864	27.646	1.021
8/10/2017 10:45	45900	8.967	15.762	20.2	36148.301	43892.609	28.396	29.847	27.664	1.021
8/10/2017 11:00	46800.001	8.956	15.804	20.175	33524.684	40667.504	26.096	27.654	29.829	1.019
8/10/2017 11:15	47700	9.071	15.766	20.433	36035.754	43752.188	28.295	29.751	27.75	1.021
8/10/2017 11:30	48600	8.948	15.769	20.156	36106.836	43835.434	28.355	29.808	27.696	1.021
8/10/2017 11:45	49500	9.012	15.772	20.302	36058.535	43773.387	28.311	29.766	27.733	1.021
8/10/2017 12:00	50400	9.077	15.763	20.447	36096.895	43829.738	28.351	29.804	27.703	1.021
8/10/2017 12:15	51300.001	9	15.768	20.273	36086.918	43812.863	28.339	29.793	27.711	1.021
8/10/2017 12:30	52200	8.961	15.763	20.187	36122.414	43860.641	28.373	29.825	27.684	1.021
8/10/2017 12:45	53100.001	9.003	15.765	20.279	36078.18	43804.953	28.333	29.787	27.718	1.021
8/10/2017 13:00	54000.001	9.049	15.765	20.383	36112.512	43846.461	28.363	29.816	27.691	1.021
8/10/2017 13:15	54900	9.03	15.803	20.342	34779.637	42191.047	27.18	28.69	28.752	1.02
8/10/2017 13:30	55800	9.081	15.764	20.457	36107.43	43841.281	28.359	29.812	27.695	1.021
8/10/2017 13:45	56700.001	9.017	15.803	20.312	35508.453	43075.172	27.812	29.291	28.162	1.02
8/10/2017 14:00	57600	9.02	15.767	20.351	36106.055	43837.098	28.356	29.809	27.696	1.021
8/10/2017 14:15	58500	9.034	15.766	20.317	36133.078	43870.531	28.38	29.832	27.675	1.021
8/10/2017 14:30	59400	9.073	15.816	20.438	33775.301	40960.785	26.305	27.853	29.607	1.019
8/10/2017 14:45	60300	9.053	15.761	20.392	36091.723	43825.266	28.348	29.801	27.707	1.021
8/10/2017 15:00	61200	9.045	15.798	20.374	36101.234	43799.117	28.331	29.783	27.7	1.021
8/10/2017 15:15	62100	9.013	15.766	20.302	36118.707	43852.629	28.368	29.82	27.686	1.021
8/10/2017 15:30	63000	9.043	15.816	20.37	33174.137	40231.152	25.787	27.357	30.144	1.019
8/10/2017 15:45	63900	8.971	15.783	20.209	36038.777	43739.195	28.287	29.743	27.748	1.021
8/10/2017 16:00	64800.001	9.049	15.772	20.383	36085.527	43807.051	28.335	29.789	27.712	1.021
8/10/2017 16:15	65700	8.956	15.776	20.174	36101.41	43822.383	28.346	29.799	27.7	1.021
8/10/2017 16:30	66600	8.972	15.819	20.21	32788.371	39760.965	25.454	27.037	30.499	1.018
8/10/2017 16:45	67500	8.952	15.803	20.164	36023.285	43699.711	28.26	29.716	27.76	1.021
8/10/2017 17:00	68400	8.935	15.812	20.126	34148.098	41416.707	26.629	28.163	29.284	1.019
8/10/2017 17:15	69300	8.941	15.777	20.141	36092.625	43809.742	28.337	29.791	27.706	1.021
8/10/2017 17:30	70200	8.942	15.801	20.143	35952.875	43616.535	28.2	29.659	27.814	1.021
8/10/2017 17:45	71100.002	8.84	15.787	19.914	36098.801	43807.461	28.336	29.789	27.702	1.021
8/10/2017 18:00	72000	8.888	15.815	20.022	34412.844	41734.559	26.855	28.38	29.059	1.02
8/10/2017 18:15	72900	8.905	15.781	20.059	36120.258	43839.598	28.359	29.811	27.685	1.021
8/10/2017 18:30	73800	8.875	15.777	19.992	36072.609	43785.719	28.32	29.774	27.722	1.021
8/10/2017 18:45	74700	8.855	15.806	19.946	35201.375	42699.426	27.544	29.036	28.408	1.02
8/10/2017 19:00	75600	8.862	15.773	19.963	36100.691	43823.664	28.347	29.8	27.7	1.021
8/10/2017 19:15	76500	8.836	15.818	19.903	33770.035	40951.645	26.298	27.847	29.612	1.019
8/10/2017 19:30	77400	8.85	15.813	19.937	34901.262	42329.055	27.279	28.784	28.652	1.02
8/10/2017 19:45	78300	8.899	15.823	20.045	32465.703	39365.422	25.175	26.768	30.802	1.018
8/10/2017 20:00	79200	8.874	15.806	19.99	35657.195	43252.594	27.94	29.412	28.045	1.02
8/10/2017 20:15	80100	9.234	15.824	20.801	33251.27	40317.512	25.849	27.416	30.074	1.019
8/10/2017 20:30	81000	9.337	15.778	21.033	36097.191	43814.301	28.341	29.794	27.703	1.021
8/10/2017 20:45	81900	9.359	15.78	21.082	36095.883	43811.457	28.339	29.792	27.704	1.021
8/10/2017 21:00	82800.002	9.354	15.779	21.071	36113.668	43833.578	28.355	29.807	27.69	1.021
8/10/2017 21:15	83700	9.464	15.78	21.319	36060.066	43767.273	28.307	29.762	27.732	1.021
8/10/2017 21:30	84600	9.41	15.778	21.196	36051.055	43758.484	28.301	29.756	27.738	1.021
8/10/2017 21:45	85500	9.453	15.78	21.295	36093.074	43807.777	28.336	29.789	27.706	1.021
8/10/2017 22:00	86400	9.433	15.78	21.249	36082.477	43794.82	28.327	29.78	27.714	1.021
8/10/2017 22:15	87300	9.379	15.781	21.128	36049.449	43753.316	28.297	29.752	27.74	1.021
8/10/2017 22:30	88200.001	9.338	15.779	21.035	36131.594	43855.438	28.37	29.822	27.677	1.021
8/10/2017 22:45	89100	9.279	15.78	20.901	36086.281	43799.09	28.33	29.783	27.711	1.021
8/10/2017 23:00	90000	9.26	15.777	20.859	36145.988	43875.238	28.384	29.835	27.666	1.021
8/10/2017 23:15	90900	9.118	15.781	20.54	36045.883	43749.074	28.294	29.749	27.742	1.021
8/10/2017 23:30	91800	9.083	15.78	20.461	36104.602	43821.23	28.346	29.798	27.697	1.021
8/10/2017 23:45	92700	9.097	15.781	20.491	36134.598	43856.746	28.371	29.823	27.674	1.021
8/11/2017 0:00	93600	9.138	15.781	20.585	36082.813	43794.07	28.326	29.78	27.714	1.021
8/11/2017 0:15	94500	9.125	15.784	20.555	36139.406	43859.52	28.374	29.824	27.671	1.021
8/11/2017 0:30	95400	9.088	15.794	20.473	36057.543	43750.863	28.296	29.751	27.733	1.021
8/11/2017 0:45	96300	9.059	15.783	20.405	36095.516	43807.957	28.336	29.789	27.704	1.021
8/11/2017 1:00	97200	9.167	15.782	20.649	36193.227	43926.816	28.422	29.87	27.629	1.021
8/11/2017 1:15	98100	9.099	15.786	20.497	35991.492	43677.961	28.243	29.701	27.784	1.021
8/11/2017 1:30	99000	9.174	15.785	20.665	36110.09	43823.059	28.347	29.8	27.693	1.021
8/11/2017 1:45	99900.001	9.037	15.784	20.356	36080.215	43788.051	28.322	29.776	27.716	1.021
8/11/2017 2:00	100800	9.152	15.787	20.616	36116.891	43829.691	28.352	29.804	27.688	1.021
8/11/2017 2:15	101700	9.089	15.785	20.475	36029.84	43726.016	28.278	29.734	27.755	1.021
8/11/2017 2:30	102600	9.123	15.786	20.551	36059.793	43761.461	28.303	29.758	27.732	1.021
8/11/2017 2:45	103500	9.1	15.786	20.498	36040.266	43737.684	28.286	29.742	27.747	1.021
8/11/2017 3:00	104400	9.105	15.786	20.51	36085.004	43792.055	28.325	29.779	27.712	1.021
8/11/2017 3:15	105300	9.113	15.787	20.528	36133.199	43849.398	28.366	29.818	27.675	1.021
8/11/2017 3:30	106200	9.109	15.788	20.519	36054.465	43753.215	28.297	29.752	27.736	1.021
8/11/2017 3:45	107100	9.007	15.819	20.289	36066.941	43736.023	28.287	29.74	27.726	1.021
8/11/2017 4:00	108000	9.061	15.802	20.41	36148.258	43852.477	28.37	29.82	27.664	1.021
8/11/2017 4:15	108900	9.062	15.806	20.414	36128.648	43824.66	28.35	29.801	27.679	1.021
8/11/2017 4:30	109800	8.961	15.794	20.186	36127.566	43835.727	28.357	29.808	27.68	1.021
8/11/2017 4:45	110700	9.039	15.79	20.362	36069.078	43768.168	28.308	29.762	27.725	1.021
8/11/2017 5:00	111600	8.887	15.827	20.018	34640.102	41998.398	27.044	28.559	28.868	1.02
8/11/2017 5:15	112500	9.044	15.827	20.372	35855.063	43471.527	28.098	29.561	27.89	1.02
8/11/2017 5:30	113400	9.046	15.807	20.378	36087.895	43774.23	28.314	29.766	27.71	1.021
8/11/2017 5:45	114300.002	8.905	15.81	20.059	36127.238	43819	28.346	29.797	27.68	1.021
8/11/2017 6:00	115200	8.853	15.808	19.943	35999.879	43799.922	28.332	29.784	27.693	1.021
8/11/2017 6:15	116100	8.959	15.837	20.182	33424.426	40515.043	25.989	27.55	29.918	1.019
8/11/2017 6:30	117000	8.899	15.806	20.045	36110.75	43802.504	28.334	29.786	27.693	1.021
8/11/2017 6:45	117900	8.862	15.838	19.964	33083.293	40100.887	25.696	27.269	30.227	1.019
8/11/2017 7:00	118800	8.79	15.797	19.8	36112.441	43813.52	28.341	29.793	27.691	1.021
8/11/2017 7:15	119700	8.783	15.828	19.785	35978.148	43619.242	28.204	29.661	27.795	1.021
8/11/2017 7:30	120600	8.84	15.808	19.914	36075.133	43757.504	28.302	29.755	27.72	1.021
8/11/2017 7:45	121500	8.809	15.793	19.844	36100.316	43803.566	28.334	29.786	27.701	1.021
8/11/2017 8:00	122400	8.782	15.808	19.782	36129.715	43823.707	28.349	29.8	27.678	1.021
8/11/2017 8:15	123300.001	8.838	15.793	19.908	36106.438	43810.543	28.339	29.791	27.696	1.021
8/11/2017 8:30	124200	8.762	15.831	19.738	34630.117	41982.602				

8/12/2017 6:30	203400	8.918	15.828	20.088	36191.672	43878.309	28.39	29.837	27.631	1.021
8/12/2017 6:45	204300.001	8.845	15.835	19.925	36200.102	43881.25	28.392	29.839	27.624	1.021
8/12/2017 7:00	205200	8.798	15.859	19.819	35968.379	43576.574	28.175	29.632	27.802	1.021
8/12/2017 7:15	206100	8.787	15.876	19.793	31255.988	37852.758	24.111	25.74	31.994	1.017
8/12/2017 7:30	207000.001	8.807	15.862	19.838	34554.094	41859.879	26.947	28.465	28.94	1.02
8/12/2017 7:45	207900	8.776	15.827	19.77	36193.223	43880.996	28.392	29.839	27.629	1.021
8/12/2017 8:00	208800	8.773	15.838	19.762	36121.012	43782.785	28.322	29.772	27.685	1.021
8/12/2017 8:15	209700	8.772	15.869	19.761	33928.949	41096.34	26.404	27.946	29.473	1.019
8/12/2017 8:30	210600	8.787	15.845	19.794	36119.98	43774.734	28.316	29.767	27.686	1.021
8/12/2017 8:45	211500.002	8.83	15.834	19.891	36108.387	43771.324	28.313	29.765	27.694	1.021
8/12/2017 9:00	212400	8.739	15.876	19.686	32318.359	39138.723	25.017	26.614	30.942	1.018
8/12/2017 9:15	213300	8.821	15.872	19.87	32553.51	39427.039	25.221	26.81	30.719	1.018
8/12/2017 9:30	214200	8.764	15.872	19.741	34220.047	41445.98	26.653	28.183	29.223	1.019
8/12/2017 9:45	215100	8.834	15.837	19.9	36134.535	43800.328	28.334	29.784	27.674	1.021
8/12/2017 10:00	216000	8.693	15.863	19.581	35367.621	42844.262	27.651	29.134	28.274	1.02
8/12/2017 10:15	216900	8.764	15.837	19.742	36128.902	43792.969	28.329	29.779	27.679	1.021
8/12/2017 10:30	217800	8.826	15.879	19.882	31690.16	38375.363	24.479	26.095	31.556	1.018
8/12/2017 10:45	218700	8.771	15.876	19.757	32229.533	39031.629	24.941	26.542	31.027	1.018
8/12/2017 11:00	219600	8.827	15.841	19.884	36131.297	43791.758	28.328	29.778	27.677	1.021
8/12/2017 11:15	220500	8.82	15.845	19.868	36074.066	43718.629	28.276	29.729	27.721	1.021
8/12/2017 11:30	221400	8.879	15.88	20.001	32380.236	39210.688	25.068	26.663	30.883	1.018
8/12/2017 11:45	222300	8.886	15.878	20.016	32881.484	39818.816	25.498	27.077	30.412	1.018
8/12/2017 12:00	223200	8.857	15.838	19.951	36129.828	43793.199	28.329	29.779	27.678	1.021
8/12/2017 12:15	224100	8.917	15.877	20.086	33940.422	41102.434	26.409	27.95	29.463	1.019
8/12/2017 12:30	225000	8.891	15.837	20.029	36089.246	43745.625	28.295	29.747	27.709	1.021
8/12/2017 12:45	225900	8.913	15.837	20.077	36099.367	43757.086	28.303	29.755	27.701	1.021
8/12/2017 13:00	226800	8.891	15.833	20.029	36129.738	43798.105	28.332	29.783	27.678	1.021
8/12/2017 13:15	227700	9.054	15.838	20.395	36113.52	43773.34	28.315	29.766	27.69	1.021
8/12/2017 13:30	228600.001	8.952	15.858	20.164	36028.801	43650.492	28.228	29.682	27.756	1.021
8/12/2017 13:45	229500.001	8.986	15.875	20.242	34231.441	41456.898	26.661	28.191	29.213	1.019
8/12/2017 14:00	230400	9.016	15.836	20.309	36095.59	43753.586	28.301	29.752	27.704	1.021
8/12/2017 14:15	231300	8.915	15.871	20.083	35470.234	42960.672	27.734	29.213	28.193	1.02
8/12/2017 14:30	232200	8.992	15.838	20.256	36105.207	43763.266	28.308	29.759	27.697	1.021
8/12/2017 14:45	233100.002	9.027	15.885	20.334	32800.07	39714.309	25.424	27.006	30.488	1.018
8/12/2017 15:00	234000	8.952	15.84	20.164	36087.375	43740.406	28.291	29.743	27.711	1.021
8/12/2017 15:15	234900	9.106	15.843	20.513	36145.719	43808.074	28.34	29.789	27.666	1.021
8/12/2017 15:30	235800	9.145	15.839	20.599	36132.945	43796.082	28.331	29.781	27.676	1.021
8/12/2017 15:45	236700	9.028	15.838	20.335	36073.746	43725.223	28.28	29.733	27.721	1.021
8/12/2017 16:00	237600.002	8.952	15.845	20.164	36116.266	43769.512	28.313	29.763	27.688	1.021
8/12/2017 16:15	238500	9.028	15.88	20.335	34087.52	41277.613	26.534	28.069	29.336	1.019
8/12/2017 16:30	239400	8.993	15.883	20.257	34044.246	41222.602	26.495	28.031	29.374	1.019
8/12/2017 16:45	240300	8.986	15.844	20.241	36072.18	43716.98	28.275	29.728	27.722	1.021
8/12/2017 17:00	241200	8.989	15.852	20.249	36137.691	43788.941	28.327	29.776	27.672	1.021
8/12/2017 17:15	242100	8.968	15.839	20.202	36104.07	43760.719	28.306	29.757	27.698	1.021
8/12/2017 17:30	243000	8.923	15.87	20.1	36027.332	43636.84	28.219	29.673	27.757	1.021
8/12/2017 17:45	243900.001	8.971	15.878	20.207	34318.414	41599.676	26.734	28.261	29.139	1.019
8/12/2017 18:00	244800	8.917	15.887	20.085	32380.695	39204.363	25.064	26.659	30.883	1.018
8/12/2017 18:15	245700	8.982	15.842	20.232	36140.316	43801.703	28.336	29.785	27.67	1.021
8/12/2017 18:30	246600	8.974	15.848	20.214	36146.879	43804.02	28.338	29.787	27.665	1.021
8/12/2017 18:45	247500.001	8.902	15.868	20.054	36048.859	43664.789	28.239	29.692	27.74	1.021
8/12/2017 19:00	248400	8.957	15.845	20.177	36118.426	43772.223	28.315	29.765	27.687	1.021
8/12/2017 19:15	249300	8.932	15.878	20.121	34292.836	41527.934	26.712	28.239	29.161	1.019
8/12/2017 19:30	250200	8.767	15.847	19.748	36123.645	43777.109	28.318	29.768	27.683	1.021
8/12/2017 19:45	251100	8.899	15.887	20.046	33468.781	40522.078	25.997	27.555	29.879	1.019
8/12/2017 20:00	252000	8.829	15.845	19.889	36144.035	43803.258	28.337	29.786	27.667	1.021
8/12/2017 20:15	252900.001	8.837	15.876	19.906	35331.82	42788.035	27.611	29.096	28.303	1.02
8/12/2017 20:30	253800.001	8.827	15.845	19.884	36204.957	43876.996	28.39	29.836	27.621	1.021
8/12/2017 20:45	254700	8.899	15.882	20.046	33909.875	41060.91	26.38	27.921	29.49	1.019
8/12/2017 21:00	255600.002	8.922	15.846	20.098	36220.379	43895.145	28.403	29.849	27.609	1.021
8/12/2017 21:15	256500	8.924	15.849	20.102	36238.359	43913.344	28.416	29.861	27.595	1.021
8/12/2017 21:30	257400.002	8.922	15.88	20.097	35026.688	42414.973	27.345	28.842	28.55	1.02
8/12/2017 21:45	258300	8.894	15.847	20.035	36208.922	43880.375	28.392	29.839	27.618	1.021
8/12/2017 22:00	259200	8.917	15.873	20.085	36085.789	43704.609	28.268	29.719	27.712	1.021
8/12/2017 22:15	260100	8.944	15.845	20.148	36146.992	43807.469	28.34	29.789	27.665	1.021
8/12/2017 22:30	261000	8.874	15.87	19.989	36150.223	43785.336	28.326	29.774	27.662	1.021
8/12/2017 22:45	261900	8.806	15.887	19.836	34687.852	41997.711	27.047	28.558	28.829	1.02
8/12/2017 23:00	262800	8.956	15.852	20.175	36148.258	43801.203	28.336	29.785	27.664	1.021
8/12/2017 23:15	263700.001	8.916	15.876	20.084	36110.57	43731.32	28.287	29.737	27.693	1.021
8/12/2017 23:30	264600	8.846	15.893	19.926	31758.676	38445.93	24.529	26.143	31.487	1.018
8/12/2017 23:45	265500	8.839	15.853	19.912	36127.48	43775.59	28.317	29.767	27.68	1.021
8/13/2017 0:00	266400	8.946	15.876	20.151	36090.934	43707.902	28.27	29.721	27.708	1.021
8/13/2017 0:15	267300	8.932	15.891	20.12	33401.273	40436.539	25.937	27.497	29.939	1.019
8/13/2017 0:30	268200	8.976	15.85	20.22	36190.508	43854.371	28.374	29.821	27.632	1.021
8/13/2017 0:45	269100	8.919	15.854	20.091	36167.547	43822.695	28.351	29.799	27.649	1.021
8/13/2017 1:00	270000	8.932	15.89	20.121	33282.41	40293.473	25.835	27.4	30.046	1.019
8/13/2017 1:15	270900	8.935	15.85	20.128	36121.219	43770.59	28.314	29.764	27.685	1.021
8/13/2017 1:30	271800.001	9.031	15.858	20.343	36187.117	43842.469	28.366	29.813	27.634	1.021
8/13/2017 1:45	272700	9.047	15.856	20.38	36104.203	43744.254	28.295	29.746	27.698	1.021
8/13/2017 2:00	273600.001	8.982	15.857	20.234	36135.238	43780.598	28.321	29.771	27.674	1.021
8/13/2017 2:15	274500	9.018	15.888	20.314	34909.527	42265.242	27.238	28.74	28.645	1.02
8/13/2017 2:30	275400	9.077	15.891	20.448	33201.656	40194.387	25.765	27.332	30.119	1.019
8/13/2017 2:45	276300.001	8.982	15.847	20.232	36196.664	43864.887	28.381	29.828	27.627	1.021
8/13/2017 3:00	277200	8.981	15.859	20.231	36167.668	43817.914	28.348	29.796	27.649	1.021
8/13/2017 3:15	278100	8.99	15.854	20.25	36114.195	43757.883	28.305	29.755	27.69	1.021
8/13/2017 3:30	279000	8.978	15.854	20.224	36124.25	43770.676	28.314	29.764	27.682	1.021
8/13/2017 3:45	279900	8.941	15.847	20.141	36196.938	43865.852	28.382	29.829	27.627	1.021
8/13/2017 4:00	280800	9.007	15.889	20.29	34705.977	42017.594	27.061	28.572	28.813	1.02
8/13/2017 4:15	281700	8.919	15.849	20.091	36125.82	43777.605	28.319	29.769	27.681	1.021
8/13/2017 4:30	282600.001	8.951	15.85	20.162	36169.938	43829.625	28.356	29.804	27.647	1.021
8/13/2017 4:45	283500	8.905	15.854	20.06	36073.129	43708.031	28.269	29.721	27	

8/14/2017 3:00	363600	8.966	15.863	20.198	36094.156	43724.383	28.281	29.733	27.705	1.021
8/14/2017 3:15	364500	8.976	15.888	20.22	36106.098	43713.672	28.275	29.725	27.696	1.021
8/14/2017 3:30	365400.002	8.991	15.866	20.253	36099.203	43728.453	28.284	29.735	27.701	1.021
8/14/2017 3:45	366300	8.924	15.905	20.101	32576.486	39425.227	25.221	26.809	30.697	1.018
8/14/2017 4:00	367200	9.031	15.858	20.343	36165.73	43816.297	28.347	29.795	27.65	1.021
8/14/2017 4:15	368100	9.064	15.855	20.418	36191.125	43850.098	28.371	29.818	27.631	1.021
8/14/2017 4:30	369000	8.992	15.876	20.256	36120.973	43744.191	28.296	29.746	27.685	1.021
8/14/2017 4:45	369900	8.999	15.855	20.272	35944.512	43551.484	28.157	29.615	27.821	1.021
8/14/2017 5:00	370800	8.927	15.904	20.109	33027.836	39972.777	25.608	27.181	30.277	1.019
8/14/2017 5:15	371700	9.03	15.856	20.342	36179.691	43835.168	28.36	29.808	27.64	1.021
8/14/2017 5:30	372600	8.94	15.858	20.139	36179.672	43833.895	28.36	29.807	27.64	1.021
8/14/2017 5:45	373500	8.99	15.895	20.252	34753.012	42068.867	27.098	28.607	28.774	1.02
8/14/2017 6:00	374400	8.952	15.855	20.165	36154.652	43806.625	28.34	29.789	27.659	1.021
8/14/2017 6:15	375300	9.027	15.857	20.334	36194.594	43852.418	28.373	29.82	27.628	1.021
8/14/2017 6:30	376200	9.003	15.907	20.28	31843.744	38536.871	24.594	26.205	31.403	1.018
8/14/2017 6:45	377100	8.947	15.858	20.154	36163.527	43813.977	28.345	27.652	29.794	1.021
8/14/2017 7:00	378000	8.846	15.904	19.927	32639.064	39501.773	25.275	26.861	30.638	1.018
8/14/2017 7:15	378900	8.904	15.856	20.058	36190.121	43848.27	28.37	29.817	27.632	1.021
8/14/2017 7:30	379800	8.924	15.875	20.102	36149.133	43779.367	28.322	29.77	27.663	1.021
8/14/2017 7:45	380700.002	8.927	15.9	20.11	33902.199	41034.426	26.362	27.903	29.497	1.019
8/14/2017 8:00	381600	8.83	15.878	19.891	36199.031	43836.844	28.363	29.809	27.625	1.021
8/14/2017 8:15	382500	8.853	15.906	19.943	31775.703	38455.234	24.536	26.15	31.471	1.018
8/14/2017 8:30	383400.002	8.839	15.856	19.91	36221.785	43886.441	28.397	29.843	27.608	1.021
8/14/2017 8:45	384300	8.805	15.872	19.834	36256.09	43912.121	28.417	29.86	27.582	1.021
8/14/2017 9:00	385200	8.835	15.904	19.901	33161.516	40134.234	25.723	27.291	30.155	1.019
8/14/2017 9:15	386100	8.862	15.853	19.963	36183.172	43842.797	28.366	29.813	27.637	1.021
8/14/2017 9:30	387000	8.848	15.892	19.932	36082.477	43681.496	28.252	29.703	27.714	1.021
8/14/2017 9:45	387900	8.796	15.903	19.814	32012.195	38744.289	24.74	26.346	31.238	1.018
8/14/2017 10:00	388800	8.803	15.86	19.829	36217.434	43877.496	28.391	29.837	27.611	1.021
8/14/2017 10:15	389700	8.837	15.896	19.906	33893.664	41028.207	26.357	27.899	29.504	1.019
8/14/2017 10:30	390600	8.779	15.855	19.776	36266.82	43942.27	28.437	29.881	27.573	1.021
8/14/2017 10:45	391500	8.816	15.866	19.86	36149.605	43788.977	28.328	29.777	27.663	1.021
8/14/2017 11:00	392400.001	8.864	15.897	19.967	33566.973	40631.414	26.075	27.629	29.791	1.019
8/14/2017 11:15	393300	8.89	15.858	20.025	36159.785	43809.094	28.342	29.79	27.655	1.021
8/14/2017 11:30	394200	8.897	15.864	20.041	36170.43	43816.527	28.348	29.795	27.647	1.021
8/14/2017 11:45	395100	8.848	15.893	19.932	34698.363	42004.523	27.052	28.563	28.82	1.02
8/14/2017 12:00	396000	8.858	15.891	19.954	35867.25	43421.395	28.066	29.527	27.881	1.02
8/14/2017 12:15	396900	8.87	15.86	19.98	36204.414	43861.992	28.38	29.826	27.621	1.021
8/14/2017 12:30	397800.001	8.881	15.9	20.005	33270.555	40269.66	25.819	27.383	30.057	1.019
8/14/2017 12:45	398700	8.935	15.868	20.126	36214.77	43866.289	28.383	29.829	27.613	1.021
8/14/2017 13:00	399600	8.97	15.906	20.206	31677.539	38336.824	24.453	26.069	31.568	1.018
8/14/2017 13:15	400500.002	8.952	15.86	20.165	36208.531	43866.262	28.383	29.829	27.618	1.021
8/14/2017 13:30	401400	8.991	15.859	20.252	36194.605	43850.652	28.372	29.818	27.628	1.021
8/14/2017 13:45	402300	9.035	15.858	20.351	36180.625	43834.875	28.36	29.808	27.639	1.021
8/14/2017 14:00	403200	8.977	15.907	20.221	31563.967	38197.664	24.355	25.974	31.682	1.018
8/14/2017 14:15	404100.001	9.015	15.908	20.308	33110.254	40068.688	25.677	27.247	30.202	1.019
8/14/2017 14:30	405000	9.024	15.858	20.327	36181.215	43834.961	28.36	29.808	27.639	1.021
8/14/2017 14:45	405900	8.991	15.907	20.253	32565.178	39409.531	25.21	26.798	30.708	1.018
8/14/2017 15:00	406800	8.975	15.859	20.216	36153.273	43800.926	28.336	29.785	27.66	1.021
8/14/2017 15:15	407700	9.02	15.865	20.317	36165.199	43808.754	28.342	29.79	27.651	1.021
8/14/2017 15:30	408600	9.067	15.859	20.425	36157.574	43806.137	28.34	29.788	27.657	1.021
8/14/2017 15:45	409500	9.069	15.858	20.428	36193.973	43850.691	28.372	29.818	27.629	1.021
8/14/2017 16:00	410400	9.05	15.857	20.386	36166.941	43818.836	28.349	29.797	27.65	1.021
8/14/2017 16:15	411300.001	9.07	15.89	20.431	36081.438	43681.934	28.252	29.704	27.715	1.021
8/14/2017 16:30	412200	9.152	15.862	20.616	35971.66	43577.879	28.176	29.633	27.8	1.021
8/14/2017 16:45	413100	9.055	15.858	20.397	36158.949	43808.082	28.341	29.789	27.656	1.021
8/14/2017 17:00	414000	8.984	15.859	20.238	36162.707	43811.828	28.344	29.792	27.653	1.021
8/14/2017 17:15	414900	9.023	15.857	20.324	36183.496	43839.52	28.364	29.811	27.637	1.021
8/14/2017 17:30	415800	9.025	15.858	20.329	36227.086	43890.809	28.401	29.846	27.604	1.021
8/14/2017 17:45	416700	9.032	15.908	20.346	32347.553	39145.699	25.024	26.619	30.914	1.018
8/14/2017 18:00	417600	9.134	15.857	20.576	36209.141	43870.59	28.386	29.832	27.617	1.021
8/14/2017 18:15	418500	9.114	15.856	20.529	36160.121	43811.379	28.343	29.792	27.655	1.021
8/14/2017 18:30	419400.002	9.103	15.861	20.505	36154.648	43799.82	28.335	29.784	27.659	1.021
8/14/2017 18:45	420300	9.002	15.856	20.277	36186.641	43843.512	28.366	29.814	27.635	1.021
8/14/2017 19:00	421200.001	9.041	15.858	20.367	36178.703	43832.105	28.358	29.806	27.641	1.021
8/14/2017 19:15	422100	9.039	15.86	20.362	36150.293	43795.789	28.332	29.781	27.662	1.021
8/14/2017 19:30	423000	9.044	15.86	20.372	36189.375	43843.051	28.366	29.813	27.632	1.021
8/14/2017 19:45	423900.002	8.948	15.858	20.155	36224.281	43888.039	28.398	29.844	27.606	1.021
8/14/2017 20:00	424800	8.949	15.857	20.158	36229.793	43895.25	28.404	29.849	27.602	1.021
8/14/2017 20:15	425700	9.047	15.857	20.378	36208.664	43870.012	28.385	29.832	27.618	1.021
8/14/2017 20:30	426600	8.984	15.859	20.237	36150.313	43797.34	28.333	29.782	27.662	1.021
8/14/2017 20:45	427500.001	9.007	15.862	20.289	36222.672	43881.328	28.394	29.839	27.607	1.021
8/14/2017 21:00	428400.002	9.081	15.868	20.455	36108.34	43737.465	28.291	29.741	27.694	1.021
8/14/2017 21:15	429300	9.003	15.857	20.279	36219.156	43882.176	28.394	29.84	27.61	1.021
8/14/2017 21:30	430200	9.004	15.903	20.282	35193.991	40176.551	25.753	27.32	30.125	1.019
8/14/2017 21:45	431100	8.987	15.908	20.244	32526.148	39361.18	25.176	26.766	30.744	1.018
8/14/2017 22:00	432000.001	8.917	15.855	20.086	36173.934	43829.984	28.357	29.804	27.644	1.021
8/14/2017 22:15	432900	8.935	15.867	20.127	36168.387	43810.828	28.344	29.791	27.648	1.021
8/14/2017 22:30	433800	8.924	15.865	20.101	36143.012	43782.508	28.323	29.772	27.668	1.021
8/14/2017 22:45	434700	8.922	15.893	20.098	44421.137	41668.828	26.813	28.335	29.052	1.019
8/14/2017 23:00	435600	8.906	15.896	20.061	36241.199	43869.445	28.387	29.831	27.593	1.021
8/14/2017 23:15	436500.001	8.998	15.859	20.269	36239.008	43904.176	28.41	29.855	27.595	1.021
8/14/2017 23:30	437400.002	8.902	15.883	20.054	36166.719	43792.52	28.331	29.779	27.65	1.021
8/14/2017 23:45	438300	8.903	15.906	20.055	31494.605	38115.047	24.297	25.918	31.751	1.018
8/15/2017 0:00	439200	8.875	15.89	19.991	36102.926	43708.496	28.272	29.722	27.699	1.021
8/15/2017 0:15	440100	8.897	15.865	20.041	36221.336	43876.582	28.391	29.836	27.608	1.021
8/15/2017 0:30	441000	8.958	15.86	20.179	36218.086	43878.461	28.392	29.837	27.611	1.021
8/15/2017 0:45	441900.001	8.89	15.866	20.14	36219.395	43873.418	28.389	29.834	27.61	1.021
8/15/2017 1:00	442800	8.941	15.896	20.212	35216.465	42628.844	27.498	28.988	28.396	1.02
8/15/2017 1:15	443700	8.973	15.868	20.14	36210.719	43861.121	28.38	29.826	27.616	

8/15/2017 23:30	523800.001	8.951	15.915	20.163	32462.926	39278.738	25.118	26.71	30.804	1.018
8/15/2017 23:45	524700	9.054	15.868	20.395	36315.621	43968.188	28.471	29.912	27.536	1.021
8/16/2017 0:00	525600	9.03	15.865	20.342	36338.438	44018.332	28.493	29.932	27.519	1.021
8/16/2017 0:15	526500.002	8.999	15.87	20.271	36307.902	43976.766	28.463	29.904	27.542	1.021
8/16/2017 0:30	527400	9.013	15.872	20.302	36272.148	43931.125	28.43	29.873	27.569	1.021
8/16/2017 0:45	528300	8.994	15.897	20.26	35066.535	42446.836	27.368	28.864	28.517	1.02
8/16/2017 1:00	529200	9.005	15.89	20.284	36299.832	43947.063	28.443	29.884	27.548	1.021
8/16/2017 1:15	530100	8.957	15.916	20.177	31971.797	38683.625	24.698	26.305	31.278	1.018
8/16/2017 1:30	531000	8.961	15.874	20.186	36379.766	44059.754	28.523	29.961	27.488	1.021
8/16/2017 1:45	531900	8.86	15.911	19.959	33421.711	40442.289	25.942	27.501	29.921	1.019
8/16/2017 2:00	532800	8.911	15.867	20.072	36329.906	44006.379	28.484	29.924	27.526	1.021
8/16/2017 2:15	533700	8.974	15.879	20.214	36313.109	43974.188	28.462	29.902	27.538	1.021
8/16/2017 2:30	534600	8.936	15.874	20.129	36319.625	43986.383	28.47	29.911	27.533	1.021
8/16/2017 2:45	535500	8.91	15.886	20.07	36273.594	43919.238	28.423	29.865	27.568	1.021
8/16/2017 3:00	536400	8.886	15.867	20.016	36388.625	44077.336	28.535	29.973	27.481	1.021
8/16/2017 3:15	537300	9.018	15.901	20.314	36029.527	43608.328	28.2	29.654	27.755	1.021
8/16/2017 3:30	538200.001	9.071	15.871	20.433	36322.832	43993.945	28.475	29.916	27.531	1.021
8/16/2017 3:45	539100	9.039	15.866	20.362	36360.543	44044.938	28.512	29.951	27.502	1.021
8/16/2017 4:00	540000.001	9.03	15.878	20.34	36339.695	44007.27	28.485	29.925	27.518	1.021
8/16/2017 4:15	540900	9.042	15.909	20.368	36276.199	43898.461	28.409	29.851	27.566	1.021
8/16/2017 4:30	541800.001	9.037	15.903	20.356	36175.934	43783.383	28.326	29.773	27.643	1.021
8/16/2017 4:45	542700	9.057	15.868	20.401	36309.664	43981.055	28.466	29.907	27.541	1.021
8/16/2017 5:00	543600	9.034	15.87	20.351	36348.461	44025.977	28.498	29.938	27.511	1.021
8/16/2017 5:15	544500	9.047	15.878	20.378	36314.43	43976.945	28.464	29.904	27.537	1.021
8/16/2017 5:30	545400	9.088	15.868	20.473	36359.324	44041.48	28.509	29.948	27.503	1.021
8/16/2017 5:45	546300	9.067	15.868	20.423	36330.48	44006	28.484	29.924	27.525	1.021
8/16/2017 6:00	547200	9.105	15.867	20.51	36347.984	44027.832	28.499	29.939	27.512	1.021
8/16/2017 6:15	548100	9.169	15.869	20.654	36418.652	44111.625	28.56	29.996	27.458	1.021
8/16/2017 6:30	549000	9.087	15.881	20.468	36369.418	44039.848	28.509	29.947	27.496	1.021
8/16/2017 6:45	549900	9.174	15.87	20.665	36389.543	44075.734	28.534	29.972	27.48	1.021
8/16/2017 7:00	550800	9.044	15.881	20.372	36322.379	43982.785	28.468	29.908	27.531	1.021
8/16/2017 7:15	551700	9.026	15.873	20.331	36336.371	44008.188	28.486	29.926	27.521	1.021
8/16/2017 7:30	552600.002	9.069	15.87	20.429	36371.438	44053.805	28.518	29.957	27.494	1.021
8/16/2017 7:45	553500	9.055	15.87	20.397	36354.43	44032.762	28.503	29.942	27.507	1.021
8/16/2017 8:00	554400	9.125	15.872	20.555	36368.105	44047.258	28.514	29.952	27.497	1.021
8/16/2017 8:15	555300.002	9.026	15.872	20.333	36322.465	43991.98	28.474	29.915	27.531	1.021
8/16/2017 8:30	556200	9.139	15.923	20.586	33019.508	39944.848	25.59	27.162	30.285	1.019
8/16/2017 8:45	557100.001	9.085	15.873	20.465	36335.035	44007.918	28.485	29.925	27.522	1.021
8/16/2017 9:00	558000	9.081	15.871	20.455	36343.309	44019.012	28.493	29.933	27.515	1.021
8/16/2017 9:15	558900.002	9.178	15.873	20.675	36314.336	43981.41	28.466	29.907	27.537	1.021
8/16/2017 9:30	559800	9.092	15.872	20.48	36382.184	44064.676	28.526	29.964	27.486	1.021
8/16/2017 9:45	560700	9.081	15.872	20.455	36397.352	44083.121	28.539	29.977	27.475	1.021
8/16/2017 10:00	561600	9.159	15.904	20.632	36304.195	43938.074	28.437	29.878	27.545	1.021
8/16/2017 10:15	562500	9.065	15.909	20.42	36236.809	43851.234	28.375	29.819	27.596	1.021
8/16/2017 10:30	563400	9.067	15.871	20.424	36355.758	44033.477	28.504	29.943	27.506	1.021
8/16/2017 10:45	564300.002	9.071	15.873	20.434	36401.914	44087.488	28.543	29.979	27.471	1.021
8/16/2017 11:00	565200.002	9.061	15.877	20.41	36326.234	43991.863	28.474	29.914	27.528	1.021
8/16/2017 11:15	566100	9.013	15.871	20.302	36357.625	44036.012	28.506	29.944	27.505	1.021
8/16/2017 11:30	567000	9.057	15.88	20.401	36367.008	44038.543	28.508	29.946	27.497	1.021
8/16/2017 11:45	567900	9.045	15.874	20.376	36415.992	44103.898	28.555	29.991	27.46	1.021
8/16/2017 12:00	568800	0	0	0	0	0	0	0	0	0
8/16/2017 12:15	569700	9.058	15.913	20.403	35206.957	42601.246	27.48	28.969	28.403	1.02
8/16/2017 12:30	570600	9.07	15.875	20.431	36423.691	44112.324	28.561	29.996	27.455	1.021
8/16/2017 12:45	571500	9.089	15.912	20.475	36079.82	43657.695	28.236	29.687	27.716	1.021
8/16/2017 13:00	572400.001	9.132	15.878	20.571	36327.121	43992.316	28.475	29.915	27.528	1.021
8/16/2017 13:15	573300.002	9.018	15.903	20.314	36295.316	43927.953	28.43	29.871	27.552	1.021
8/16/2017 13:30	574200	9.05	15.916	20.387	34852.598	42168.844	27.171	28.675	28.692	1.02
8/16/2017 13:45	575100	9.122	15.877	20.549	36362.973	44036.625	28.506	29.945	27.501	1.021
8/16/2017 14:00	576000	9.014	15.88	20.304	36321.293	43982.828	28.468	29.908	27.532	1.021
8/16/2017 14:15	576900	9.111	15.876	20.524	36322.055	43987.344	28.471	29.911	27.531	1.021
8/16/2017 14:30	577800	9.091	15.875	20.478	36360.355	44035.344	28.505	29.944	27.502	1.021
8/16/2017 14:45	578700.001	9.129	15.876	20.564	36374.75	44051.621	28.517	29.955	27.492	1.021
8/16/2017 15:00	579600	9.033	15.919	20.348	34239.957	41425.234	26.641	28.169	29.206	1.019
8/16/2017 15:15	580500	9.062	15.873	20.412	36411.871	44099.457	28.551	29.988	27.464	1.021
8/16/2017 15:30	581400	9.122	15.876	20.548	36345.875	44016.898	28.492	29.931	27.513	1.021
8/16/2017 15:45	582300	9.253	15.876	20.843	36402.629	44085.188	28.541	29.978	27.471	1.021
8/16/2017 16:00	583200	9.171	15.875	20.659	36373.727	44051.004	28.517	29.955	27.492	1.021
8/16/2017 16:15	584100	9.145	15.876	20.599	36398.785	44080.168	28.538	29.975	27.473	1.021
8/16/2017 16:30	585000	9.241	15.877	20.816	36371.965	44047.516	28.514	29.952	27.494	1.021
8/16/2017 16:45	585900.002	9.158	15.878	20.628	36379.77	44055.891	28.52	29.958	27.488	1.021
8/16/2017 17:00	586800	9.21	15.876	20.746	36309.43	43972.512	28.46	29.901	27.541	1.021
8/16/2017 17:15	587700	9.268	15.876	20.876	36336.543	44005.07	28.484	29.923	27.521	1.021
8/16/2017 17:30	588600	9.234	15.876	20.8	36370.078	44045.766	28.513	29.951	27.495	1.021
8/16/2017 17:45	589500	9.34	15.876	21.039	36383.672	44062.059	28.525	29.962	27.485	1.021
8/16/2017 18:00	590400	9.212	15.876	20.752	36334.777	44002.844	28.482	29.922	27.522	1.021
8/16/2017 18:15	591300	9.29	15.878	20.927	36380.676	44056.816	28.521	29.959	27.487	1.021
8/16/2017 18:30	592200	9.288	15.878	20.922	36415.527	44098.563	28.551	29.987	27.461	1.021
8/16/2017 18:45	593100.001	9.236	15.878	20.804	36426.48	44112.086	28.561	29.996	27.453	1.021
8/16/2017 19:00	594000	9.257	15.878	20.852	36391.492	44069.813	28.53	29.967	27.479	1.021
8/16/2017 19:15	594900.002	9.306	15.876	20.964	36383.609	44062.348	28.525	29.962	27.485	1.021
8/16/2017 19:30	595800	9.314	15.877	20.981	36391.949	44071.445	28.531	29.969	27.479	1.021
8/16/2017 19:45	596700.002	9.304	15.877	20.957	36426.453	44113.414	28.562	29.997	27.453	1.021
8/16/2017 20:00	597600	9.259	15.878	20.856	36397.027	44076.879	28.535	29.972	27.475	1.021
8/16/2017 20:15	598500	9.328	15.878	21.013	36328.863	43993.523	28.476	29.916	27.526	1.021
8/16/2017 20:30	599400	9.317	15.878	20.986	36365.844	44038.852	28.508	29.946	27.498	1.021
8/16/2017 20:45	600300	9.283	15.876	20.91	36396.117	44076.938	28.535	29.972	27.475	1.021
8/16/2017 21:00	601200	9.287	15.878	20.919	36328.742	43994.094	28.476	29.916	27.526	1.021
8/16/2017 21:15	602100.001	9.298	15.879	20.944	36374.043	44047.973	28.515	29.953	27.492	1.021
8/16/2017 21:30	603000	9.277	15.878	20.897	36442.953	44132.035	28.575	30.01	27.44	1.021
8/16/2017 21:45	603900	9.27	15.878	20.881	36478.516	44175.656	28.606	30.039	27.413	1.021
8/16/2017 2										

Serial_number: 2003874

Project ID:

MPWSP Monitoring Wells Barologge

Location:

MW-5M Baro

LEVEL

UNIT: psi

TEMPERATURE

UNIT: °C

Date	Time	ms	LEVEL	TEMPERATURE	
8/10/2017	0:00:00	0	14.6664	14.042	
8/10/2017	0:15:00	0	14.6645	13.981	
8/10/2017	0:30:00	0	14.6669	13.952	
8/10/2017	0:45:00	0	14.6683	13.983	
8/10/2017	1:00:00	0	14.668	14.061	
8/10/2017	1:15:00	0	14.6669	14.205	
8/10/2017	1:30:00	0	14.6664	14.229	
8/10/2017	1:45:00	0	14.6655	14.4	
8/10/2017	2:00:00	0	14.6647	14.538	
8/10/2017	2:15:00	0	14.664	14.698	
8/10/2017	2:30:00	0	14.663	14.773	
8/10/2017	2:45:00	0	14.6624	14.84	
8/10/2017	3:00:00	0	14.6623	14.935	
8/10/2017	3:15:00	0	14.6618	14.966	
8/10/2017	3:30:00	0	14.6612	14.993	
8/10/2017	3:45:00	0	14.6615	15.055	
8/10/2017	4:00:00	0	14.6607	15.083	
8/10/2017	4:15:00	0	14.6602	15.118	
8/10/2017	4:30:00	0	14.6602	15.088	
8/10/2017	4:45:00	0	14.659	15.109	
8/10/2017	5:00:00	0	14.6596	15.158	
8/10/2017	5:15:00	0	14.6609	15.114	
8/10/2017	5:30:00	0	14.6605	15.08	
8/10/2017	5:45:00	0	14.6632	15.083	
8/10/2017	6:00:00	0	14.6647	15.133	
8/10/2017	6:15:00	0	14.6659	15.072	
8/10/2017	6:30:00	0	14.6666	15.093	
8/10/2017	6:45:00	0	14.6678	15.088	
8/10/2017	7:00:00	0	14.6685	15.157	
8/10/2017	7:15:00	0	14.6683	15.238	
8/10/2017	7:30:00	0	14.6706	15.307	
8/10/2017	7:45:00	0	14.6715	15.433	
8/10/2017	8:00:00	0	14.6714	15.565	
8/10/2017	8:15:00	0	14.6721	15.77	
8/10/2017	8:30:00	0	14.6724	15.96	
8/10/2017	8:45:00	0	14.6724	16.149	
8/10/2017	9:00:00	0	14.6749	16.33	
8/10/2017	9:15:00	0	14.6758	16.464	
8/10/2017	9:30:00	0	14.6761	16.497	
8/10/2017	9:45:00	0	14.6764	16.495	
8/10/2017	10:00:00	0	14.678	16.56	
8/10/2017	10:15:00	0	14.679	16.68	
8/10/2017	10:30:00	0	14.6805	16.703	
8/10/2017	10:45:00	0	14.6821	16.66	
8/10/2017	11:00:00	0	14.6823	17.476	
8/10/2017	11:15:00	0	14.6832	17.558	
8/10/2017	11:30:00	0	14.6824	17.917	
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8/13/2017	23:45:00	0	14.6502	14.981

8/14/2017	0:00:00	0	14.6513	14.914
8/14/2017	0:15:00	0	14.65	14.838
8/14/2017	0:30:00	0	14.6484	14.909
8/14/2017	0:45:00	0	14.6475	15.091
8/14/2017	1:00:00	0	14.6479	15.19
8/14/2017	1:15:00	0	14.6484	15.221
8/14/2017	1:30:00	0	14.6468	15.268
8/14/2017	1:45:00	0	14.6461	15.215
8/14/2017	2:00:00	0	14.6435	15.136
8/14/2017	2:15:00	0	14.6422	15.051
8/14/2017	2:30:00	0	14.6415	14.958
8/14/2017	2:45:00	0	14.6418	14.66
8/14/2017	3:00:00	0	14.6427	14.474
8/14/2017	3:15:00	0	14.6427	14.505
8/14/2017	3:30:00	0	14.6414	14.632
8/14/2017	3:45:00	0	14.6399	14.746
8/14/2017	4:00:00	0	14.6414	14.835
8/14/2017	4:15:00	0	14.6399	14.877
8/14/2017	4:30:00	0	14.6395	14.872
8/14/2017	4:45:00	0	14.6378	14.863
8/14/2017	5:00:00	0	14.6377	14.855
8/14/2017	5:15:00	0	14.6396	14.791
8/14/2017	5:30:00	0	14.6399	14.801
8/14/2017	5:45:00	0	14.6382	14.805
8/14/2017	6:00:00	0	14.6402	14.775
8/14/2017	6:15:00	0	14.6415	14.8
8/14/2017	6:30:00	0	14.6428	14.772
8/14/2017	6:45:00	0	14.6427	14.759
8/14/2017	7:00:00	0	14.6416	14.803
8/14/2017	7:15:00	0	14.6424	14.838
8/14/2017	7:30:00	0	14.645	14.831
8/14/2017	7:45:00	0	14.6472	14.901
8/14/2017	8:00:00	0	14.6477	15.015
8/14/2017	8:15:00	0	14.6487	15.087
8/14/2017	8:30:00	0	14.6505	15.258
8/14/2017	8:45:00	0	14.6515	15.456
8/14/2017	9:00:00	0	14.6535	15.506
8/14/2017	9:15:00	0	14.656	15.582
8/14/2017	9:30:00	0	14.6551	15.739
8/14/2017	9:45:00	0	14.6567	16.13
8/14/2017	10:00:00	0	14.6576	16.529
8/14/2017	10:15:00	0	14.6587	16.907
8/14/2017	10:30:00	0	14.6597	17.448
8/14/2017	10:45:00	0	14.6608	17.919
8/14/2017	11:00:00	0	14.659	18.141
8/14/2017	11:15:00	0	14.6585	18.718
8/14/2017	11:30:00	0	14.6588	19.396
8/14/2017	11:45:00	0	14.66	19.813
8/14/2017	12:00:00	0	14.6582	20.122
8/14/2017	12:15:00	0	14.655	20.518
8/14/2017	12:30:00	0	14.655	20.834
8/14/2017	12:45:00	0	14.6537	21.816
8/14/2017	13:00:00	0	14.6553	22.693
8/14/2017	13:15:00	0	14.6552	22.891
8/14/2017	13:30:00	0	14.6538	22.847
8/14/2017	13:45:00	0	14.6542	23.113
8/14/2017	14:00:00	0	14.6515	23.202
8/14/2017	14:15:00	0	14.6489	23.393
8/14/2017	14:30:00	0	14.6493	23.47
8/14/2017	14:45:00	0	14.6484	23.124
8/14/2017	15:00:00	0	14.6476	22.867
8/14/2017	15:15:00	0	14.6456	22.633
8/14/2017	15:30:00	0	14.6455	21.945
8/14/2017	15:45:00	0	14.6443	21.658
8/14/2017	16:00:00	0	14.6414	21.34
8/14/2017	16:15:00	0	14.6404	21.078
8/14/2017	16:30:00	0	14.6425	20.472
8/14/2017	16:45:00	0	14.6421	19.845
8/14/2017	17:00:00	0	14.6383	19.43
8/14/2017	17:15:00	0	14.6375	19.166
8/14/2017	17:30:00	0	14.6376	18.899
8/14/2017	17:45:00	0	14.6391	18.552
8/14/2017	18:00:00	0	14.6383	18.162
8/14/2017	18:15:00	0	14.6351	17.868
8/14/2017	18:30:00	0	14.6334	17.634
8/14/2017	18:45:00	0	14.6344	17.422
8/14/2017	19:00:00	0	14.6333	17.154
8/14/2017	19:15:00	0	14.6348	16.849
8/14/2017	19:30:00	0	14.6339	16.608

8/14/2017	19:45:00	0	14.632	16.379
8/14/2017	20:00:00	0	14.6319	16.191
8/14/2017	20:15:00	0	14.631	16.007
8/14/2017	20:30:00	0	14.6305	15.881
8/14/2017	20:45:00	0	14.63	15.782
8/14/2017	21:00:00	0	14.6293	15.757
8/14/2017	21:15:00	0	14.6337	15.708
8/14/2017	21:30:00	0	14.6352	15.662
8/14/2017	21:45:00	0	14.6378	15.625
8/14/2017	22:00:00	0	14.6381	15.571
8/14/2017	22:15:00	0	14.6367	15.471
8/14/2017	22:30:00	0	14.6362	15.431
8/14/2017	22:45:00	0	14.6367	15.399
8/14/2017	23:00:00	0	14.6362	15.351
8/14/2017	23:15:00	0	14.636	15.332
8/14/2017	23:30:00	0	14.6353	15.297
8/14/2017	23:45:00	0	14.6346	15.282
8/15/2017	0:00:00	0	14.6334	15.297
8/15/2017	0:15:00	0	14.6328	15.277
8/15/2017	0:30:00	0	14.6329	15.254
8/15/2017	0:45:00	0	14.633	15.266
8/15/2017	1:00:00	0	14.6325	15.262
8/15/2017	1:15:00	0	14.6309	15.214
8/15/2017	1:30:00	0	14.6295	15.209
8/15/2017	1:45:00	0	14.6287	15.184
8/15/2017	2:00:00	0	14.628	15.137
8/15/2017	2:15:00	0	14.6296	15.198
8/15/2017	2:30:00	0	14.6293	15.161
8/15/2017	2:45:00	0	14.6291	15.132
8/15/2017	3:00:00	0	14.6298	15.104
8/15/2017	3:15:00	0	14.6293	15.121
8/15/2017	3:30:00	0	14.6272	15.139
8/15/2017	3:45:00	0	14.6269	15.154
8/15/2017	4:00:00	0	14.6262	15.111
8/15/2017	4:15:00	0	14.6251	15.087
8/15/2017	4:30:00	0	14.6259	15.088
8/15/2017	4:45:00	0	14.6262	15.11
8/15/2017	5:00:00	0	14.6266	15.094
8/15/2017	5:15:00	0	14.6265	15.079
8/15/2017	5:30:00	0	14.6271	15.078
8/15/2017	5:45:00	0	14.6271	15.125
8/15/2017	6:00:00	0	14.6269	15.15
8/15/2017	6:15:00	0	14.6279	15.188
8/15/2017	6:30:00	0	14.631	15.193
8/15/2017	6:45:00	0	14.6344	15.247
8/15/2017	7:00:00	0	14.636	15.294
8/15/2017	7:15:00	0	14.638	15.321
8/15/2017	7:30:00	0	14.6403	15.342
8/15/2017	7:45:00	0	14.6418	15.417
8/15/2017	8:00:00	0	14.6457	15.52
8/15/2017	8:15:00	0	14.6482	15.643
8/15/2017	8:30:00	0	14.6495	15.783
8/15/2017	8:45:00	0	14.6487	15.941
8/15/2017	9:00:00	0	14.6505	16.16
8/15/2017	9:15:00	0	14.6509	16.361
8/15/2017	9:30:00	0	14.6508	16.672
8/15/2017	9:45:00	0	14.6531	16.975
8/15/2017	10:00:00	0	14.6551	17.166
8/15/2017	10:15:00	0	14.6547	17.385
8/15/2017	10:30:00	0	14.6575	17.632
8/15/2017	10:45:00	0	14.6593	17.751
8/15/2017	11:00:00	0	14.6595	17.872
8/15/2017	11:15:00	0	14.6596	18.144
8/15/2017	11:30:00	0	14.66	18.555
8/15/2017	11:45:00	0	14.6605	18.995
8/15/2017	12:00:00	0	14.6605	19.421
8/15/2017	12:15:00	0	14.6593	20.215
8/15/2017	12:30:00	0	14.6586	20.535
8/15/2017	12:45:00	0	14.6584	20.913
8/15/2017	13:00:00	0	14.6577	21.569
8/15/2017	13:15:00	0	14.6565	22.434
8/15/2017	13:30:00	0	14.6562	23.066
8/15/2017	13:45:00	0	14.6554	23.394
8/15/2017	14:00:00	0	14.6564	23.728
8/15/2017	14:15:00	0	14.6543	23.721
8/15/2017	14:30:00	0	14.654	23.328
8/15/2017	14:45:00	0	14.6526	23.039
8/15/2017	15:00:00	0	14.6513	22.999
8/15/2017	15:15:00	0	14.6508	22.834

8/15/2017	15:30:00	0	14.6513	22.482
8/15/2017	15:45:00	0	14.6522	22.014
8/15/2017	16:00:00	0	14.6511	21.577
8/15/2017	16:15:00	0	14.6503	20.719
8/15/2017	16:30:00	0	14.6507	19.93
8/15/2017	16:45:00	0	14.6503	19.389
8/15/2017	17:00:00	0	14.6506	19.241
8/15/2017	17:15:00	0	14.6517	18.971
8/15/2017	17:30:00	0	14.6509	18.787
8/15/2017	17:45:00	0	14.6499	18.659
8/15/2017	18:00:00	0	14.6486	18.477
8/15/2017	18:15:00	0	14.6482	18.293
8/15/2017	18:30:00	0	14.6488	18.092
8/15/2017	18:45:00	0	14.6475	17.761
8/15/2017	19:00:00	0	14.6472	17.465
8/15/2017	19:15:00	0	14.6476	17.202
8/15/2017	19:30:00	0	14.6468	16.992
8/15/2017	19:45:00	0	14.6464	16.786
8/15/2017	20:00:00	0	14.648	16.612
8/15/2017	20:15:00	0	14.6488	16.426
8/15/2017	20:30:00	0	14.6499	16.236
8/15/2017	20:45:00	0	14.6513	16.091
8/15/2017	21:00:00	0	14.6537	16.052
8/15/2017	21:15:00	0	14.6546	15.982
8/15/2017	21:30:00	0	14.6558	15.904
8/15/2017	21:45:00	0	14.6578	15.878
8/15/2017	22:00:00	0	14.6594	15.849
8/15/2017	22:15:00	0	14.6607	15.801
8/15/2017	22:30:00	0	14.6608	15.685
8/15/2017	22:45:00	0	14.661	15.581
8/15/2017	23:00:00	0	14.6609	15.405
8/15/2017	23:15:00	0	14.6613	15.333
8/15/2017	23:30:00	0	14.6606	15.325
8/15/2017	23:45:00	0	14.6611	15.34
8/16/2017	0:00:00	0	14.6623	15.284
8/16/2017	0:15:00	0	14.6599	15.3
8/16/2017	0:30:00	0	14.6597	15.319
8/16/2017	0:45:00	0	14.6599	15.327
8/16/2017	1:00:00	0	14.6609	15.349
8/16/2017	1:15:00	0	14.6601	15.313
8/16/2017	1:30:00	0	14.6589	15.249
8/16/2017	1:45:00	0	14.6587	15.217
8/16/2017	2:00:00	0	14.6586	15.217
8/16/2017	2:15:00	0	14.6569	15.145
8/16/2017	2:30:00	0	14.6595	15.1
8/16/2017	2:45:00	0	14.6604	15.08
8/16/2017	3:00:00	0	14.6606	15.064
8/16/2017	3:15:00	0	14.6598	15.09
8/16/2017	3:30:00	0	14.6594	15.007
8/16/2017	3:45:00	0	14.6597	15
8/16/2017	4:00:00	0	14.6596	14.988
8/16/2017	4:15:00	0	14.6581	14.991
8/16/2017	4:30:00	0	14.6591	14.949
8/16/2017	4:45:00	0	14.6599	14.979
8/16/2017	5:00:00	0	14.6613	14.97
8/16/2017	5:15:00	0	14.6622	15.004
8/16/2017	5:30:00	0	14.6633	15.029
8/16/2017	5:45:00	0	14.6643	15.01
8/16/2017	6:00:00	0	14.6659	14.996
8/16/2017	6:15:00	0	14.667	14.989
8/16/2017	6:30:00	0	14.6689	15.014
8/16/2017	6:45:00	0	14.6699	15.042
8/16/2017	7:00:00	0	14.6736	15.07
8/16/2017	7:15:00	0	14.6747	15.144
8/16/2017	7:30:00	0	14.6776	15.225
8/16/2017	7:45:00	0	14.6786	15.367
8/16/2017	8:00:00	0	14.6797	15.552
8/16/2017	8:15:00	0	14.6815	15.745
8/16/2017	8:30:00	0	14.6828	15.978
8/16/2017	8:45:00	0	14.6836	16.293
8/16/2017	9:00:00	0	14.6849	16.627
8/16/2017	9:15:00	0	14.6857	17.04
8/16/2017	9:30:00	0	14.6873	17.473
8/16/2017	9:45:00	0	14.6875	17.934
8/16/2017	10:00:00	0	14.6867	18.515
8/16/2017	10:15:00	0	14.6862	19.055
8/16/2017	10:30:00	0	14.6871	19.582
8/16/2017	10:45:00	0	14.6877	20.3
8/16/2017	11:00:00	0	14.6877	21.065

8/16/2017	11:15:00	0	14.6865	21.955
8/16/2017	11:30:00	0	14.6854	23.51
8/16/2017	11:45:00	0	14.6834	24.048
8/16/2017	12:00:00	0	14.6816	24.299
8/16/2017	12:15:00	0	14.6817	24.328
8/16/2017	12:30:00	0	14.6812	23.924
8/16/2017	12:45:00	0	14.6808	23.597
8/16/2017	13:00:00	0	14.6807	23.44
8/16/2017	13:15:00	0	14.6803	23.19
8/16/2017	13:30:00	0	14.6815	22.801
8/16/2017	13:45:00	0	14.6816	22.563
8/16/2017	14:00:00	0	14.6817	22.553
8/16/2017	14:15:00	0	14.68	22.508
8/16/2017	14:30:00	0	14.6792	22.369
8/16/2017	14:45:00	0	14.6777	22.338
8/16/2017	15:00:00	0	14.6768	22.35
8/16/2017	15:15:00	0	14.6756	22.254
8/16/2017	15:30:00	0	14.6741	21.976
8/16/2017	15:45:00	0	14.6741	21.772
8/16/2017	16:00:00	0	14.6748	21.404
8/16/2017	16:15:00	0	14.6736	20.112
8/16/2017	16:30:00	0	14.6748	19.097
8/16/2017	16:45:00	0	14.6745	18.481
8/16/2017	17:00:00	0	14.6732	18.064
8/16/2017	17:15:00	0	14.6737	17.748
8/16/2017	17:30:00	0	14.6728	17.574
8/16/2017	17:45:00	0	14.6718	17.48
8/16/2017	18:00:00	0	14.6723	17.391
8/16/2017	18:15:00	0	14.6712	17.42
8/16/2017	18:30:00	0	14.6704	17.403
8/16/2017	18:45:00	0	14.6701	17.321
8/16/2017	19:00:00	0	14.6692	17.181
8/16/2017	19:15:00	0	14.6709	16.98
8/16/2017	19:30:00	0	14.6723	16.739
8/16/2017	19:45:00	0	14.6719	16.569
8/16/2017	20:00:00	0	14.6731	16.468
8/16/2017	20:15:00	0	14.6736	16.392
8/16/2017	20:30:00	0	14.6742	16.264
8/16/2017	20:45:00	0	14.6755	16.195
8/16/2017	21:00:00	0	14.6784	16.146
8/16/2017	21:15:00	0	14.6812	16.169
8/16/2017	21:30:00	0	14.6823	16.217
8/16/2017	21:45:00	0	14.6833	16.18
8/16/2017	22:00:00	0	14.6841	16.14
8/16/2017	22:15:00	0	14.6842	16.201
8/16/2017	22:30:00	0	14.684	16.206
8/16/2017	22:45:00	0	14.6837	16.217
8/16/2017	23:00:00	0	14.6859	16.227
8/16/2017	23:15:00	0	14.686	16.208
8/16/2017	23:30:00	0	14.6849	16.215
8/16/2017	23:45:00	0	14.686	16.209

Report Date: 8/18/2017 9:02
Report User Name: WMassoll
Report Computer Name: WKST52
Application: WinSitu.exe
Application Version: 5.6.27.1

Log File Properties

File Name MPWSP Barotroll_2017-08-17_15-14-23-201.wsl
Create Date 8/17/2017 15:14

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	742
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)	
8/10/2017 0:00		7200	760.779	22.371
8/10/2017 0:15		8100	760.943	22.312
8/10/2017 0:30		9000	760.88	22.265
8/10/2017 0:45		9900	760.956	22.166
8/10/2017 1:00		10800	760.981	22.121
8/10/2017 1:15		11700	761.069	22.132
8/10/2017 1:30		12600	760.814	22.117
8/10/2017 1:45		13500	760.876	22.093
8/10/2017 2:00		14400	760.821	22.114
8/10/2017 2:15		15300	760.656	22.13
8/10/2017 2:30		16200	760.894	22.149
8/10/2017 2:45		17100	760.733	22.171
8/10/2017 3:00		18000	760.63	22.149
8/10/2017 3:15		18900	760.795	22.141
8/10/2017 3:30		19800	760.643	22.136
8/10/2017 3:45		20700	760.478	22.164
8/10/2017 4:00		21600	760.26	22.124
8/10/2017 4:15		22500	760.601	22.099
8/10/2017 4:30		23400	760.636	22.088
8/10/2017 4:45		24300	760.504	22.057
8/10/2017 5:00		25200	760.335	22.047
8/10/2017 5:15		26100	760.546	22.043
8/10/2017 5:30		27000	760.23	22.001
8/10/2017 5:45		27900	760.541	21.97
8/10/2017 6:00		28800	760.585	21.955
8/10/2017 6:15		29700	760.826	21.912
8/10/2017 6:30		30600	760.811	21.903
8/10/2017 6:45		31500	761.054	21.865
8/10/2017 7:00		32400	761.086	21.861
8/10/2017 7:15		33300	761.09	21.863
8/10/2017 7:30		34200	761.137	21.845
8/10/2017 7:45		35100	761.122	21.877
8/10/2017 8:00		36000	760.965	21.839
8/10/2017 8:15		36900	761.216	21.88
8/10/2017 8:30		37800	761.302	21.898
8/10/2017 8:45		38700	761.07	21.954
8/10/2017 9:00		39600	761.207	21.972
8/10/2017 9:15		40500	761.321	21.976
8/10/2017 9:30		41400	761.113	22.021
8/10/2017 9:45		42300	761.555	22.027
8/10/2017 10:00		43200	760.878	22.055
8/10/2017 10:15		44100	761.384	22.118
8/10/2017 10:30		45000	761.689	22.194
8/10/2017 10:45		45900	761.488	22.245
8/10/2017 11:00		46800	761.841	22.335
8/10/2017 11:15		47700	761.507	22.465
8/10/2017 11:30		48600	761.694	22.543
8/10/2017 11:45		49500	761.58	22.696
8/10/2017 12:00		50400	761.528	22.804
8/10/2017 12:15		51300	761.662	22.912
8/10/2017 12:30		52200	761.431	23.047
8/10/2017 12:45		53100	761.564	23.197
8/10/2017 13:00		54000	761.639	23.305
8/10/2017 13:15		54900	761.412	23.48
8/10/2017 13:30		55800	761.719	23.606
8/10/2017 13:45		56700	761.835	23.743
8/10/2017 14:00		57600	761.34	23.926
8/10/2017 14:15		58500	761.548	24.02
8/10/2017 14:30		59400	761.627	24.156
8/10/2017 14:45		60300	761.547	24.292
8/10/2017 15:00		61200	761.466	24.439
8/10/2017 15:15		62100	761.481	24.612
8/10/2017 15:30		63000	760.932	24.793
8/10/2017 15:45		63900	761.092	25.224
8/10/2017 16:00		64800	761.249	25.468
8/10/2017 16:15		65700	761.115	25.659
8/10/2017 16:30		66600	761.04	25.808

8/10/2017 16:45	67500	760.968	25.954
8/10/2017 17:00	68400	760.867	26.07
8/10/2017 17:15	69300	760.965	26.16
8/10/2017 17:30	70200	760.68	26.216
8/10/2017 17:45	71100	760.564	26.24
8/10/2017 18:00	72000	760.81	26.224
8/10/2017 18:15	72900	760.54	26.17
8/10/2017 18:30	73800	760.303	26.164
8/10/2017 18:45	74700	760.884	26.048
8/10/2017 19:00	75600	760.551	25.931
8/10/2017 19:15	76500	760.6	25.721
8/10/2017 19:30	77400	760.493	25.421
8/10/2017 19:45	78300	760.492	25.104
8/10/2017 20:00	79200	760.396	24.805
8/10/2017 20:15	80100	760.513	24.585
8/10/2017 20:30	81000	760.213	24.368
8/10/2017 20:45	81900	760.232	24.15
8/10/2017 21:00	82800	760.328	23.964
8/10/2017 21:15	83700	760.262	23.781
8/10/2017 21:30	84600	760.43	23.6
8/10/2017 21:45	85500	760.663	23.431
8/10/2017 22:00	86400	760.09	23.164
8/10/2017 22:15	87300	760.471	22.968
8/10/2017 22:30	88200	760.738	22.759
8/10/2017 22:45	89100	760.502	22.567
8/10/2017 23:00	90000	760.933	22.419
8/10/2017 23:15	90900	760.444	22.266
8/10/2017 23:30	91800	760.733	22.081
8/10/2017 23:45	92700	760.272	21.957
8/11/2017 0:00	93600	760.513	21.829
8/11/2017 0:15	94500	760.512	21.733
8/11/2017 0:30	95400	760.782	21.631
8/11/2017 0:45	96300	760.568	21.593
8/11/2017 1:00	97200	760.529	21.542
8/11/2017 1:15	98100	760.698	21.554
8/11/2017 1:30	99000	760.305	21.53
8/11/2017 1:45	99900	760.421	21.544
8/11/2017 2:00	100800	760.211	21.547
8/11/2017 2:15	101700	760.53	21.557
8/11/2017 2:30	102600	760.707	21.52
8/11/2017 2:45	103500	760.29	21.49
8/11/2017 3:00	104400	760.226	21.482
8/11/2017 3:15	105300	760.555	21.484
8/11/2017 3:30	106200	760.44	21.486
8/11/2017 3:45	107100	760.392	21.472
8/11/2017 4:00	108000	760.295	21.492
8/11/2017 4:15	108900	760.251	21.452
8/11/2017 4:30	109800	760.737	21.438
8/11/2017 4:45	110700	760.564	21.438
8/11/2017 5:00	111600	760.335	21.44
8/11/2017 5:15	112500	760.155	21.447
8/11/2017 5:30	113400	760.664	21.441
8/11/2017 5:45	114300	760.405	21.388
8/11/2017 6:00	115200	760.318	21.391
8/11/2017 6:15	116100	760.373	21.33
8/11/2017 6:30	117000	760.482	21.293
8/11/2017 6:45	117900	760.416	21.276
8/11/2017 7:00	118800	760.619	21.239
8/11/2017 7:15	119700	760.446	21.2
8/11/2017 7:30	120600	760.794	21.179
8/11/2017 7:45	121500	760.841	21.152
8/11/2017 8:00	122400	760.638	21.129
8/11/2017 8:15	123300	760.797	21.136
8/11/2017 8:30	124200	761.144	21.116
8/11/2017 8:45	125100	760.653	21.115
8/11/2017 9:00	126000	760.876	21.122
8/11/2017 9:15	126900	760.862	21.127
8/11/2017 9:30	127800	761.118	21.163
8/11/2017 9:45	128700	761.165	21.225
8/11/2017 10:00	129600	760.852	21.31
8/11/2017 10:15	130500	760.931	21.359
8/11/2017 10:30	131400	761.315	21.462
8/11/2017 10:45	132300	761.124	21.593
8/11/2017 11:00	133200	761.165	21.713
8/11/2017 11:15	134100	761.08	21.848
8/11/2017 11:30	135000	761.251	21.96
8/11/2017 11:45	135900	760.807	22.117
8/11/2017 12:00	136800	761.06	22.348
8/11/2017 12:15	137700	761.194	22.516
8/11/2017 12:30	138600	760.73	22.688
8/11/2017 12:45	139500	761.053	22.861
8/11/2017 13:00	140400	760.978	23.012
8/11/2017 13:15	141300	760.724	23.168
8/11/2017 13:30	142200	760.371	23.345
8/11/2017 13:45	143100	760.61	23.525
8/11/2017 14:00	144000	760.657	23.687
8/11/2017 14:15	144900	760.807	23.882
8/11/2017 14:30	145800	760.443	24.084
8/11/2017 14:45	146700	760.403	24.276
8/11/2017 15:00	147600	760.425	24.498
8/11/2017 15:15	148500	760.196	24.709
8/11/2017 15:30	149400	759.939	24.878
8/11/2017 15:45	150300	760.04	25.119
8/11/2017 16:00	151200	760.184	25.288
8/11/2017 16:15	152100	759.926	25.469
8/11/2017 16:30	153000	759.548	25.616

8/11/2017 16:45	153900	760.159	25.704
8/11/2017 17:00	154800	759.875	25.786
8/11/2017 17:15	155700	759.753	25.858
8/11/2017 17:30	156600	759.436	25.809
8/11/2017 17:45	157500	759.583	25.784
8/11/2017 18:00	158400	759.009	25.747
8/11/2017 18:15	159300	759.282	25.687
8/11/2017 18:30	160200	758.945	25.586
8/11/2017 18:45	161100	758.986	25.415
8/11/2017 19:00	162000	758.461	25.192
8/11/2017 19:15	162900	758.952	24.863
8/11/2017 19:30	163800	758.738	24.557
8/11/2017 19:45	164700	758.997	24.328
8/11/2017 20:00	165600	759.073	24.049
8/11/2017 20:15	166500	758.642	23.791
8/11/2017 20:30	167400	758.942	23.539
8/11/2017 20:45	168300	759.03	23.271
8/11/2017 21:00	169200	759.36	23.017
8/11/2017 21:15	170100	758.939	22.759
8/11/2017 21:30	171000	759.239	22.526
8/11/2017 21:45	171900	759.134	22.324
8/11/2017 22:00	172800	759.393	22.142
8/11/2017 22:15	173700	759.082	21.956
8/11/2017 22:30	174600	758.966	21.806
8/11/2017 22:45	175500	758.809	21.67
8/11/2017 23:00	176400	759.181	21.544
8/11/2017 23:15	177300	758.964	21.472
8/11/2017 23:30	178200	759.009	21.352
8/11/2017 23:45	179100	759.389	21.292
8/12/2017 0:00	180000	759.065	21.233
8/12/2017 0:15	180900	759.259	21.204
8/12/2017 0:30	181800	759.287	21.169
8/12/2017 0:45	182700	759.558	21.1
8/12/2017 1:00	183600	759.276	21.071
8/12/2017 1:15	184500	759.639	21.038
8/12/2017 1:30	185400	759.592	21.036
8/12/2017 1:45	186300	759.611	21.038
8/12/2017 2:00	187200	759.199	21.07
8/12/2017 2:15	188100	759.728	21.09
8/12/2017 2:30	189000	759.125	21.112
8/12/2017 2:45	189900	759.214	21.088
8/12/2017 3:00	190800	759.724	21.093
8/12/2017 3:15	191700	759.217	21.084
8/12/2017 3:30	192600	759.328	21.047
8/12/2017 3:45	193500	759.423	21.06
8/12/2017 4:00	194400	759.327	21.094
8/12/2017 4:15	195300	759.279	21.052
8/12/2017 4:30	196200	759.064	21.002
8/12/2017 4:45	197100	759.349	20.965
8/12/2017 5:00	198000	759.311	20.924
8/12/2017 5:15	198900	759.493	20.87
8/12/2017 5:30	199800	759.633	20.85
8/12/2017 5:45	200700	759.466	20.84
8/12/2017 6:00	201600	759.583	20.777
8/12/2017 6:15	202500	759.523	20.733
8/12/2017 6:30	203400	759.475	20.731
8/12/2017 6:45	204300	759.797	20.668
8/12/2017 7:00	205200	760.254	20.627
8/12/2017 7:15	206100	760.05	20.601
8/12/2017 7:30	207000	760.104	20.554
8/12/2017 7:45	207900	760.345	20.578
8/12/2017 8:00	208800	760.541	20.582
8/12/2017 8:15	209700	760.626	20.569
8/12/2017 8:30	210600	760.66	20.61
8/12/2017 8:45	211500	760.621	20.645
8/12/2017 9:00	212400	760.796	20.691
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8/12/2017 10:30	217800	761.011	21.231
8/12/2017 10:45	218700	760.777	21.411
8/12/2017 11:00	219600	761.178	21.564
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8/12/2017 11:30	221400	761.077	22.015
8/12/2017 11:45	222300	760.807	22.245
8/12/2017 12:00	223200	761.07	22.378
8/12/2017 12:15	224100	760.684	22.545
8/12/2017 12:30	225000	761.049	22.647
8/12/2017 12:45	225900	760.732	22.785
8/12/2017 13:00	226800	760.742	22.947
8/12/2017 13:15	227700	760.764	23.093
8/12/2017 13:30	228600	760.983	23.288
8/12/2017 13:45	229500	761.129	23.491
8/12/2017 14:00	230400	760.754	23.657
8/12/2017 14:15	231300	760.503	23.847
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8/12/2017 14:45	233100	760.676	24.236
8/12/2017 15:00	234000	760.4	24.451
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8/12/2017 16:15	238500	760.616	25.66
8/12/2017 16:30	239400	760.063	25.885

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8/12/2017 17:45	243900	759.994	26.61
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8/12/2017 18:30	246600	759.494	26.554
8/12/2017 18:45	247500	759.913	26.475
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8/12/2017 19:15	249300	759.802	26.117
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8/12/2017 19:45	251100	759.937	25.332
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8/12/2017 21:00	255600	759.824	23.54
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8/13/2017 5:15	285300	759.841	20.828
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8/13/2017 5:45	287100	760.232	20.82
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8/13/2017 6:45	290700	760.097	20.661
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8/13/2017 7:30	293400	760.439	20.523
8/13/2017 7:45	294300	760.27	20.515
8/13/2017 8:00	295200	760.624	20.49
8/13/2017 8:15	296100	760.941	20.503
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8/13/2017 10:15	303300	761.415	21.094
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8/13/2017 10:45	305100	761.488	21.295
8/13/2017 11:00	306000	761.642	21.5
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8/13/2017 11:30	307800	761.392	21.947
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8/13/2017 12:15	310500	761.455	22.561
8/13/2017 12:30	311400	761.638	22.739
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8/13/2017 13:15	314100	761.297	23.186
8/13/2017 13:30	315000	761.187	23.302
8/13/2017 13:45	315900	761.558	23.453
8/13/2017 14:00	316800	761.126	23.627
8/13/2017 14:15	317700	761.322	23.812
8/13/2017 14:30	318600	761.464	23.979
8/13/2017 14:45	319500	761.169	24.222
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8/13/2017 20:15	339300	759.483	24.131
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8/13/2017 20:45	341100	759.487	23.625
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8/13/2017 21:45	344700	759.801	22.728
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8/13/2017 22:30	347400	759.779	22.221
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8/14/2017 1:45	359100	759.688	21.761
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8/14/2017 3:45	366300	759.559	21.598
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8/14/2017 4:30	369000	759.25	21.495
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8/14/2017 5:00	370800	759.32	21.468
8/14/2017 5:15	371700	759.215	21.443
8/14/2017 5:30	372600	759.406	21.408
8/14/2017 5:45	373500	759.332	21.42
8/14/2017 6:00	374400	759.843	21.386
8/14/2017 6:15	375300	759.474	21.364
8/14/2017 6:30	376200	759.179	21.323
8/14/2017 6:45	377100	759.396	21.323
8/14/2017 7:00	378000	759.381	21.304
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8/14/2017 7:30	379800	759.655	21.216
8/14/2017 7:45	380700	759.776	21.238
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8/14/2017 10:45	391500	760.428	21.896
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8/14/2017 13:15	400500	760.306	23.419
8/14/2017 13:30	401400	760.369	23.605
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8/14/2017 18:30	419400	759.002	25.205
8/14/2017 18:45	420300	759.11	24.955
8/14/2017 19:00	421200	759.255	24.669
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8/14/2017 19:30	423000	759.238	24.167
8/14/2017 19:45	423900	758.977	23.974
8/14/2017 20:00	424800	758.975	23.803
8/14/2017 20:15	425700	758.793	23.63
8/14/2017 20:30	426600	759.006	23.492
8/14/2017 20:45	427500	758.686	23.349
8/14/2017 21:00	428400	759.104	23.233
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8/14/2017 21:30	430200	759.204	23.025
8/14/2017 21:45	431100	758.976	22.92
8/14/2017 22:00	432000	759.461	22.832
8/14/2017 22:15	432900	759.576	22.773
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8/14/2017 22:45	434700	759.23	22.637
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8/14/2017 23:15	436500	759.031	22.544
8/14/2017 23:30	437400	759.232	22.494
8/14/2017 23:45	438300	759.324	22.459
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8/15/2017 0:30	441000	759.309	22.335
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8/15/2017 1:15	443700	759.122	22.119
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8/15/2017 1:45	445500	758.769	22.027
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8/15/2017 2:15	447300	758.977	21.946
8/15/2017 2:30	448200	759.259	21.917
8/15/2017 2:45	449100	758.907	21.899
8/15/2017 3:00	450000	758.907	21.857
8/15/2017 3:15	450900	759.141	21.841
8/15/2017 3:30	451800	758.743	21.762
8/15/2017 3:45	452700	758.845	21.746
8/15/2017 4:00	453600	758.589	21.739
8/15/2017 4:15	454500	758.781	21.672
8/15/2017 4:30	455400	758.669	21.656
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8/15/2017 7:15	465300	759.264	21.34
8/15/2017 7:30	466200	759.113	21.351
8/15/2017 7:45	467100	759.454	21.311
8/15/2017 8:00	468000	759.756	21.332
8/15/2017 8:15	468900	759.664	21.334
8/15/2017 8:30	469800	759.907	21.361
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8/16/2017 2:45	535500	760.392	22.214
8/16/2017 3:00	536400	760.536	22.132
8/16/2017 3:15	537300	760.273	22.07
8/16/2017 3:30	538200	760.489	22.03
8/16/2017 3:45	539100	760.411	22
8/16/2017 4:00	540000	760.542	21.939
8/16/2017 4:15	540900	760.106	21.924
8/16/2017 4:30	541800	760.312	21.89
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8/16/2017 6:30	549000	760.926	21.644
8/16/2017 6:45	549900	760.668	21.634
8/16/2017 7:00	550800	761.421	21.59
8/16/2017 7:15	551700	761.255	21.568
8/16/2017 7:30	552600	761.078	21.577
8/16/2017 7:45	553500	761.261	21.567
8/16/2017 8:00	554400	761.555	21.537
8/16/2017 8:15	555300	761.459	21.559
8/16/2017 8:30	556200	760.992	21.559
8/16/2017 8:45	557100	761.704	21.583
8/16/2017 9:00	558000	761.524	21.648
8/16/2017 9:15	558900	762.122	21.703
8/16/2017 9:30	559800	761.805	21.79
8/16/2017 9:45	560700	761.999	21.86
8/16/2017 10:00	561600	761.858	21.977
8/16/2017 10:15	562500	761.867	22.059
8/16/2017 10:30	563400	761.641	22.204
8/16/2017 10:45	564300	761.859	22.343
8/16/2017 11:00	565200	762.085	22.469
8/16/2017 11:15	566100	762.178	22.623
8/16/2017 11:30	567000	761.858	22.729
8/16/2017 11:45	567900	761.959	22.895
8/16/2017 12:00	568800	761.707	23.026
8/16/2017 12:15	569700	761.749	23.206
8/16/2017 12:30	570600	761.668	23.395
8/16/2017 12:45	571500	761.656	23.604
8/16/2017 13:00	572400	761.462	23.808
8/16/2017 13:15	573300	761.693	24.012
8/16/2017 13:30	574200	761.963	24.306
8/16/2017 13:45	575100	761.415	24.532
8/16/2017 14:00	576000	762.022	24.822
8/16/2017 14:15	576900	761.613	25.109
8/16/2017 14:30	577800	761.552	25.415
8/16/2017 14:45	578700	761.458	25.712
8/16/2017 15:00	579600	761.464	26.009
8/16/2017 15:15	580500	761.349	26.313
8/16/2017 15:30	581400	761.279	26.591
8/16/2017 15:45	582300	761.364	26.87
8/16/2017 16:00	583200	761.241	27.146
8/16/2017 16:15	584100	761.111	27.388
8/16/2017 16:30	585000	761.161	27.595

8/16/2017 16:45	585900	761.316	27.846
8/16/2017 17:00	586800	761.371	28.028
8/16/2017 17:15	587700	761.25	28.172
8/16/2017 17:30	588600	761.094	28.314
8/16/2017 17:45	589500	761.174	28.417
8/16/2017 18:00	590400	760.951	28.528
8/16/2017 18:15	591300	761.145	28.56
8/16/2017 18:30	592200	761.156	28.56
8/16/2017 18:45	593100	761.004	28.459
8/16/2017 19:00	594000	760.774	28.355
8/16/2017 19:15	594900	761.128	28.181
8/16/2017 19:30	595800	761.098	27.927
8/16/2017 19:45	596700	761.046	27.618
8/16/2017 20:00	597600	761.182	27.19
8/16/2017 20:15	598500	761.27	26.721
8/16/2017 20:30	599400	761.601	26.273
8/16/2017 20:45	600300	761.029	25.862
8/16/2017 21:00	601200	761.206	25.478
8/16/2017 21:15	602100	761.524	25.143
8/16/2017 21:30	603000	761.411	24.84
8/16/2017 21:45	603900	761.781	24.569
8/16/2017 22:00	604800	761.477	24.348
8/16/2017 22:15	605700	761.404	24.242
8/16/2017 22:30	606600	761.614	24.156
8/16/2017 22:45	607500	761.51	24.04
8/16/2017 23:00	608400	761.687	23.956
8/16/2017 23:15	609300	761.742	23.866
8/16/2017 23:30	610200	761.862	23.761
8/16/2017 23:45	611100	761.785	23.731



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