

MONTEREY PENINSULA WATER SUPPLY PROJECT

Test Slant Well Long Term Pumping Monitoring Report No. 144 7-February-18 - 14-February-18

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

February 20, 2018

PREPARED FOR:
California American Water



CALIFORNIA
AMERICAN WATER

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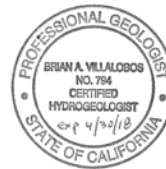
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THIS REPORT HAS BEEN PREPARED BY OR UNDER THE DIRECTION OF THE FOLLOWING DESIGN PROFESSIONAL LICENSED BY THE STATE OF CALIFORNIA AND BASED ON THE MOST RECENT AVAILABLE INFORMATION.



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Description

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- A-2 Coastal Development Permit Amendment No. A-3-MRA-14-0050-A1
- B Groundwater Level and Salinity Instrument Data for the Period 7-February-18 through 14-February-18

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. 144 7-FEBRUARY-18 - 14-FEBRUARY-18

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 7-February-18 through 14-February-18 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
9/6/2017	5:41 PM	9/7/2017	9:30 AM	16	Development
9/7/2017	4:48 PM	9/8/2017	10:03 AM	17	Development
9/13/2017	4:24 PM	9/14/2017	8:17 AM	16	Development
9/14/2017	4:46 PM	9/15/2017	8:01 AM	15	Development
9/20/2017	4:26 PM	9/21/2017	8:04 AM	16	Development
9/21/2017	4:01 PM	9/22/2017	8:09 AM	16	Development
9/25/2017	7:50 PM	9/27/2017	1:14 PM	41	PG&E power interruption
9/29/2017	4:22 AM	9/29/2017	12:12 PM	8	PG&E power interruption
10/4/2017	5:58 PM	10/5/2017	6:03 PM	24	Development
10/11/2017	6:23 PM	10/12/2017	8:00 AM	14	Development
10/12/2017	4:15 PM	10/13/2017	7:49 AM	16	Development
10/17/2017	2:56 PM	10/18/2017	8:39 AM	18	Development
10/18/2017	3:46 PM	10/19/2017	8:35 AM	17	Development
10/19/2017	4:04 PM	10/20/2017	7:54 AM	16	Development
11/8/2017	5:59 PM	11/9/2017	7:56 AM	14	Development
11/9/2017	5:27 PM	11/10/2017	7:57 AM	15	Development
11/16/2017	4:33 PM	11/17/2017	9:56 AM	17	Development
11/23/2017	4:16 PM	11/24/2017	1:35 PM	21	Development
1/5/2018	11:27 AM	1/5/2018	12:43 PM	1	Sample port replacement
1/6/2018	5:32 PM	1/8/2018	9:46 AM	40	PG&E power interruption
1/11/2018	1:52 PM	1/11/2018	5:12 PM	3	PG&E power interruption
1/11/2018	5:19 PM	1/12/2018	7:30 AM	14	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. 144 (this report), is the one-hundred forty-fourth 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

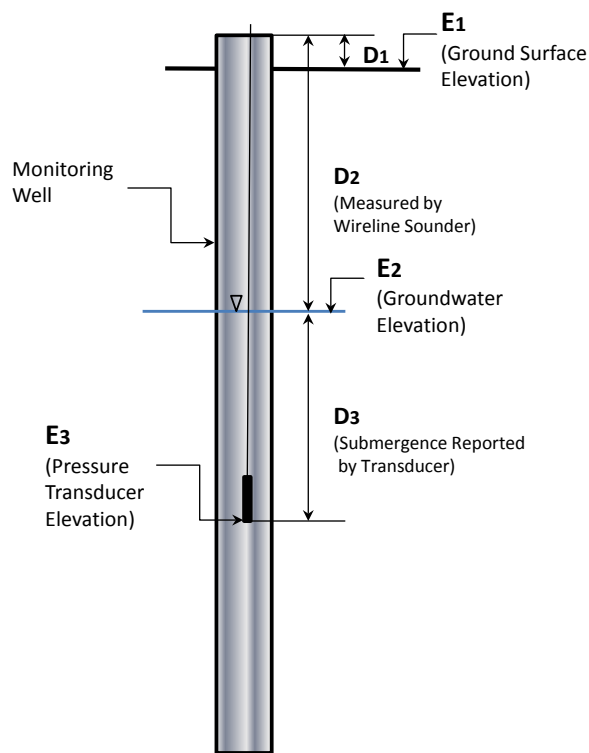
Pressure transducer readings were converted to groundwater elevation values (expressed as ft NAVD88) using the setting depth of the pressure transducer and the ground surface elevation at the monitoring well site (see inset). After initially setting a pressure transducer in the well, and after each time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

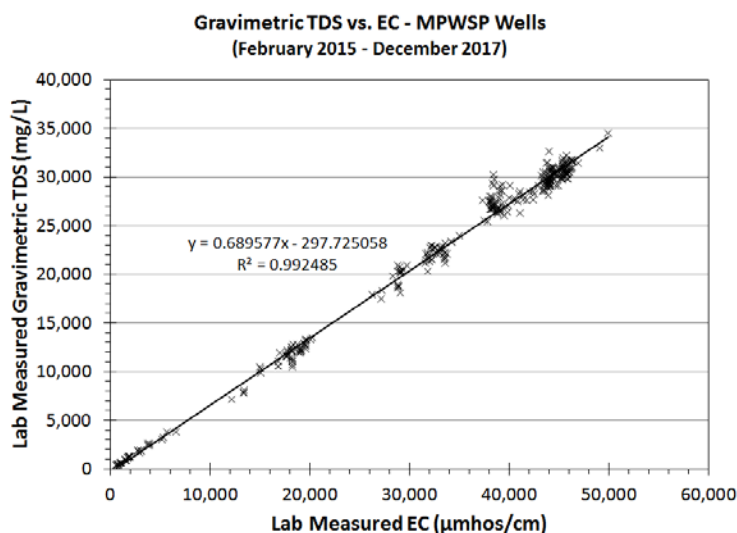


3.0 ESTIMATING TOTAL DISSOLVED SOLIDS FROM ELECTRICAL CONDUCTIVITY (EC) MEASUREMENTS

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 323 sampling events (from the Test Slant Well and network monitoring wells) collected between February 2015 and December 2017 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.

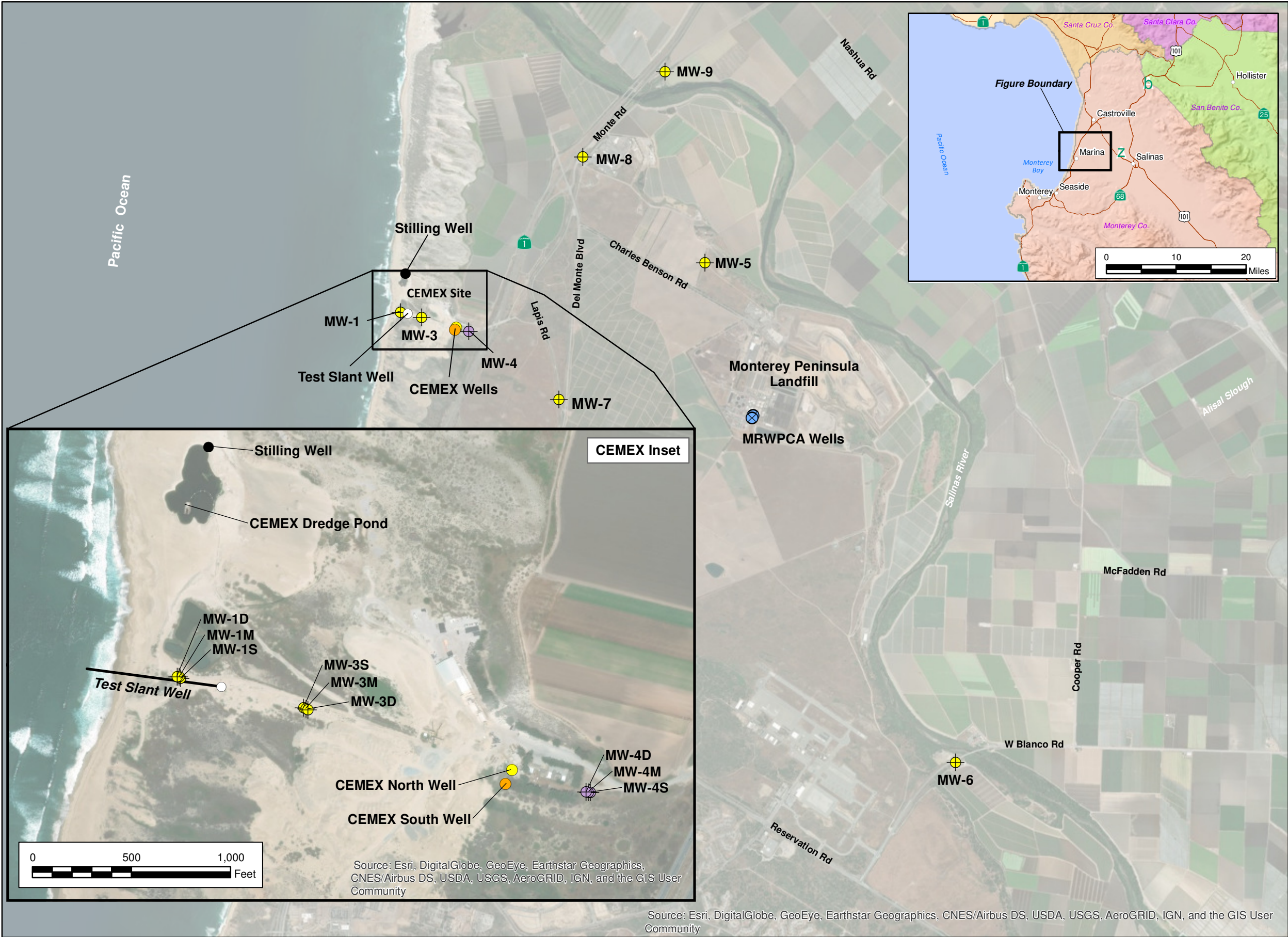
Data collected from transducers will continue to be plotted. Where no transducers were present, specific conductivity data was collected using a hand-held electrical conductance meter (MW-5 &

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.

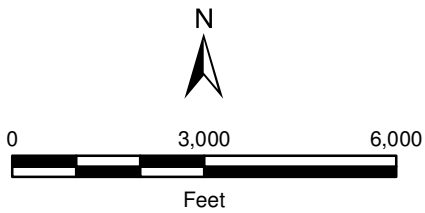
FIGURES

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- 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

Groundwater Elevation in MPWSP MW-1

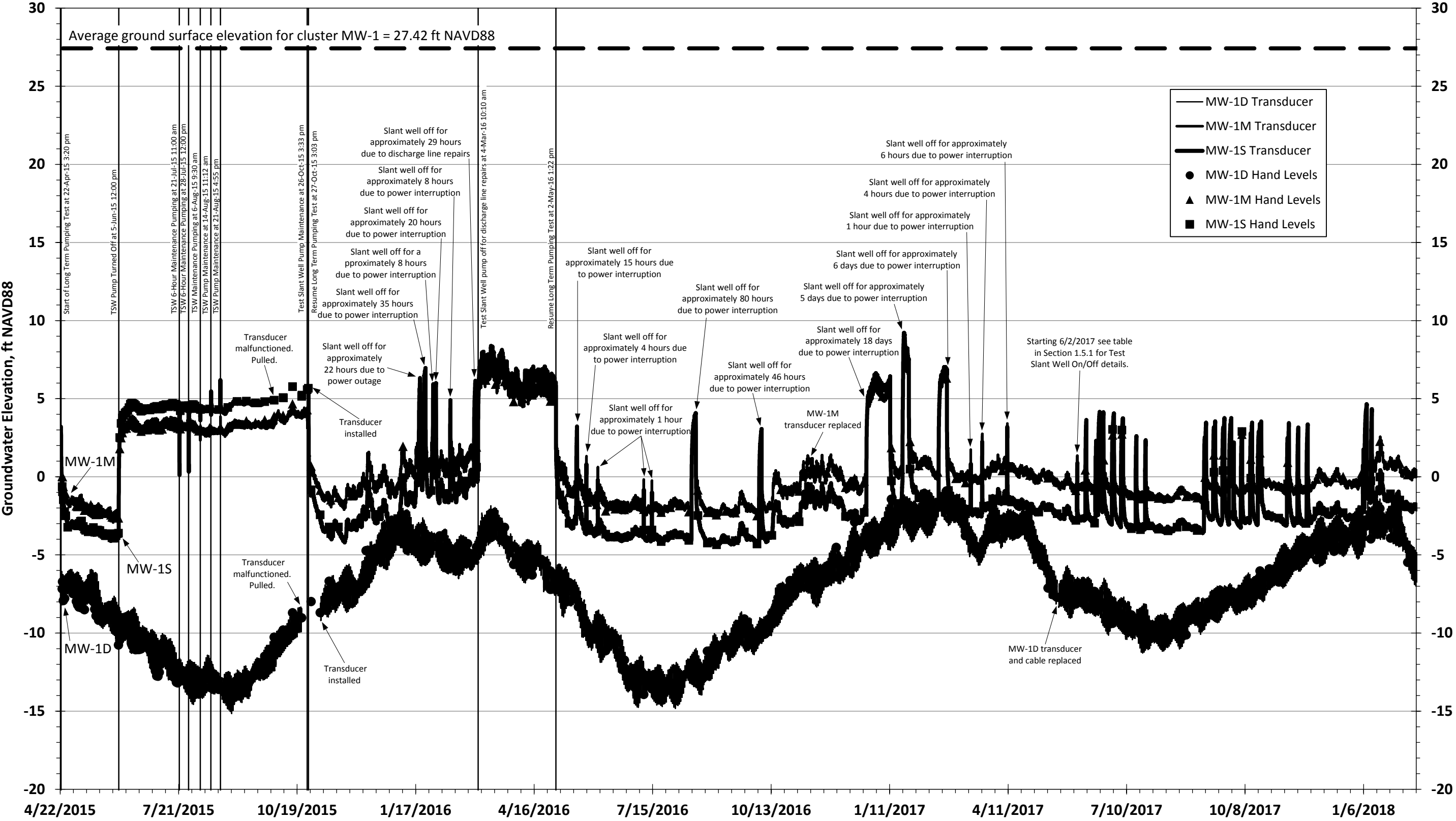


Figure 2-1

Groundwater Elevation in MPWSP MW-3

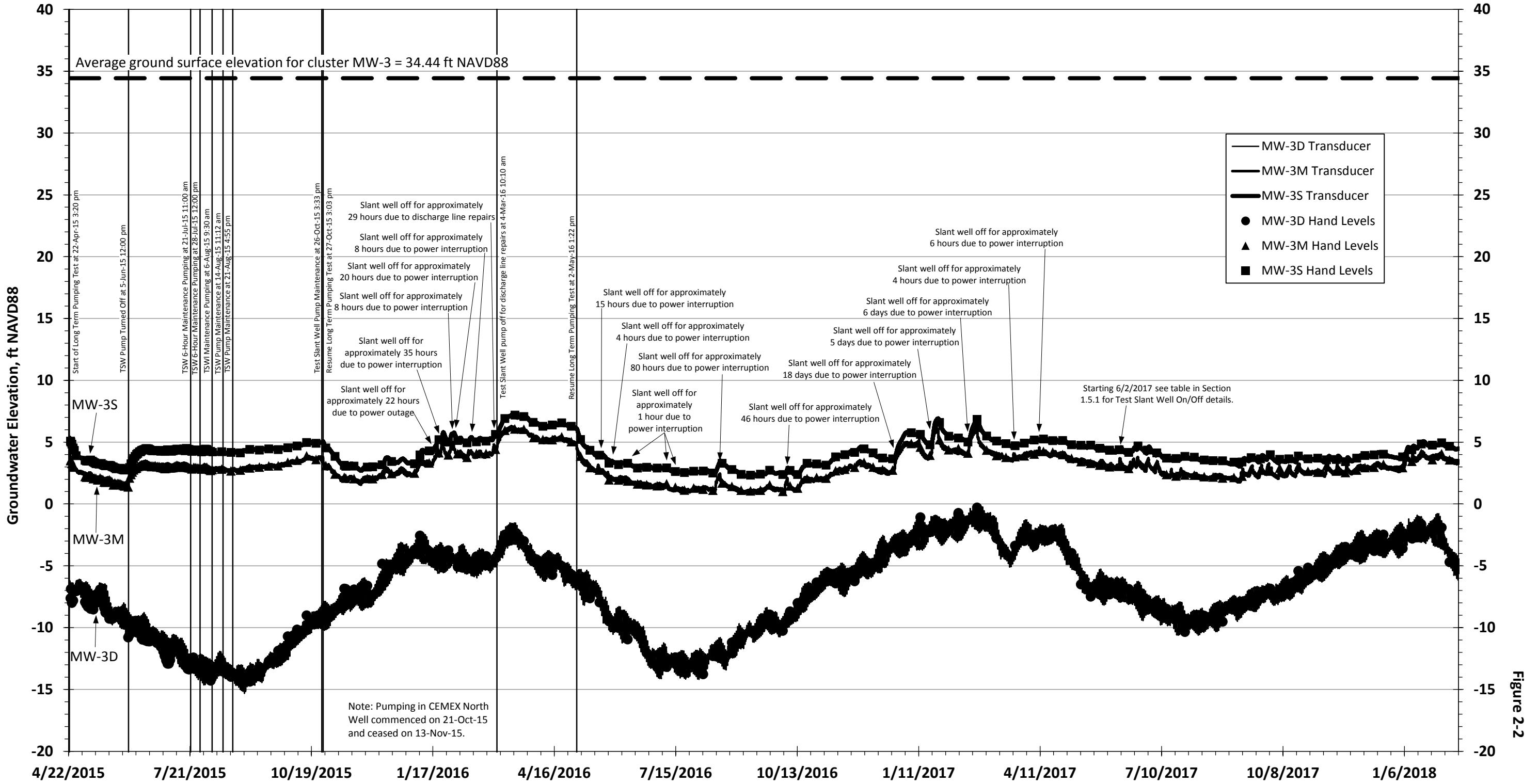


Figure 2-2

Groundwater Elevation in MPWSP MW-4

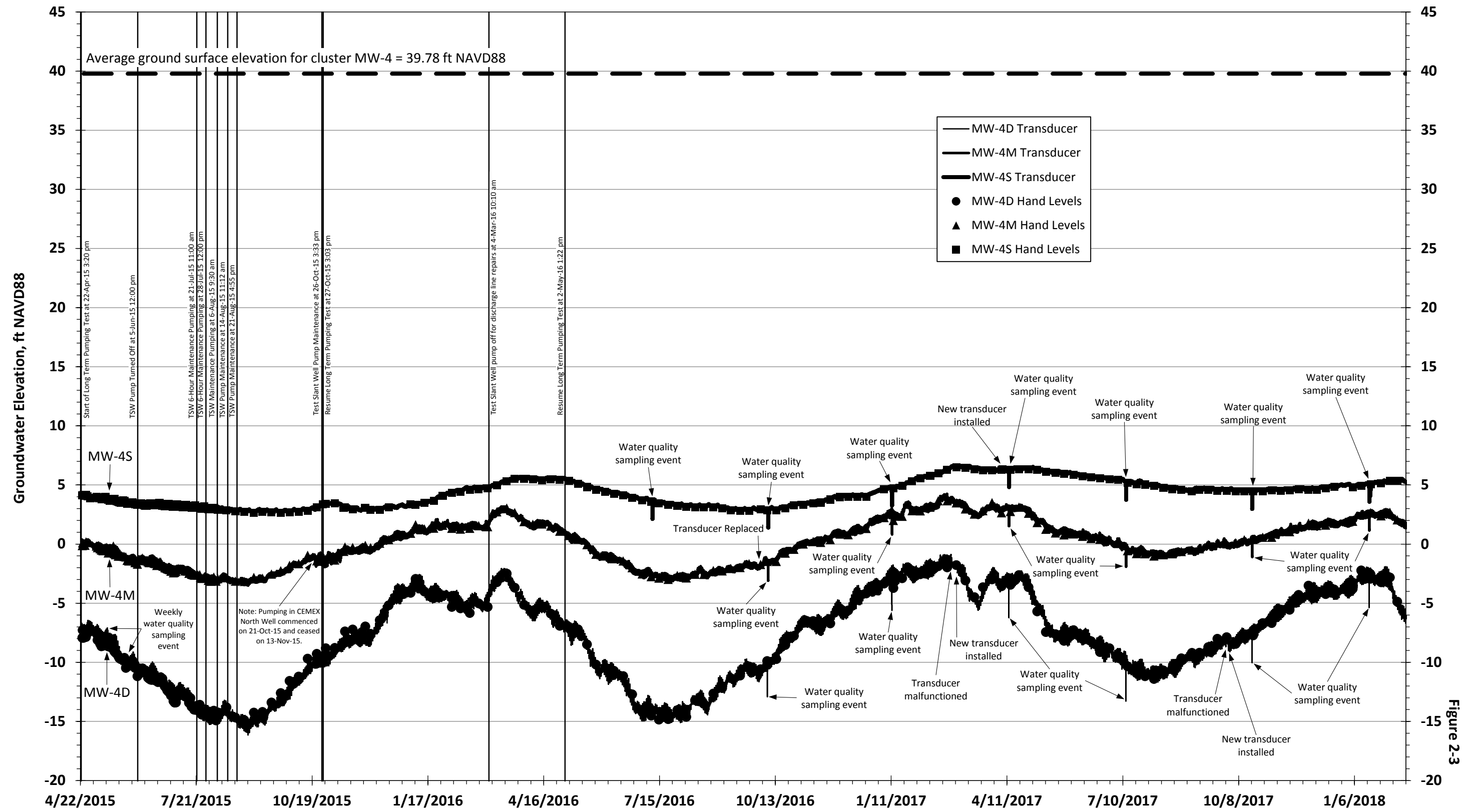
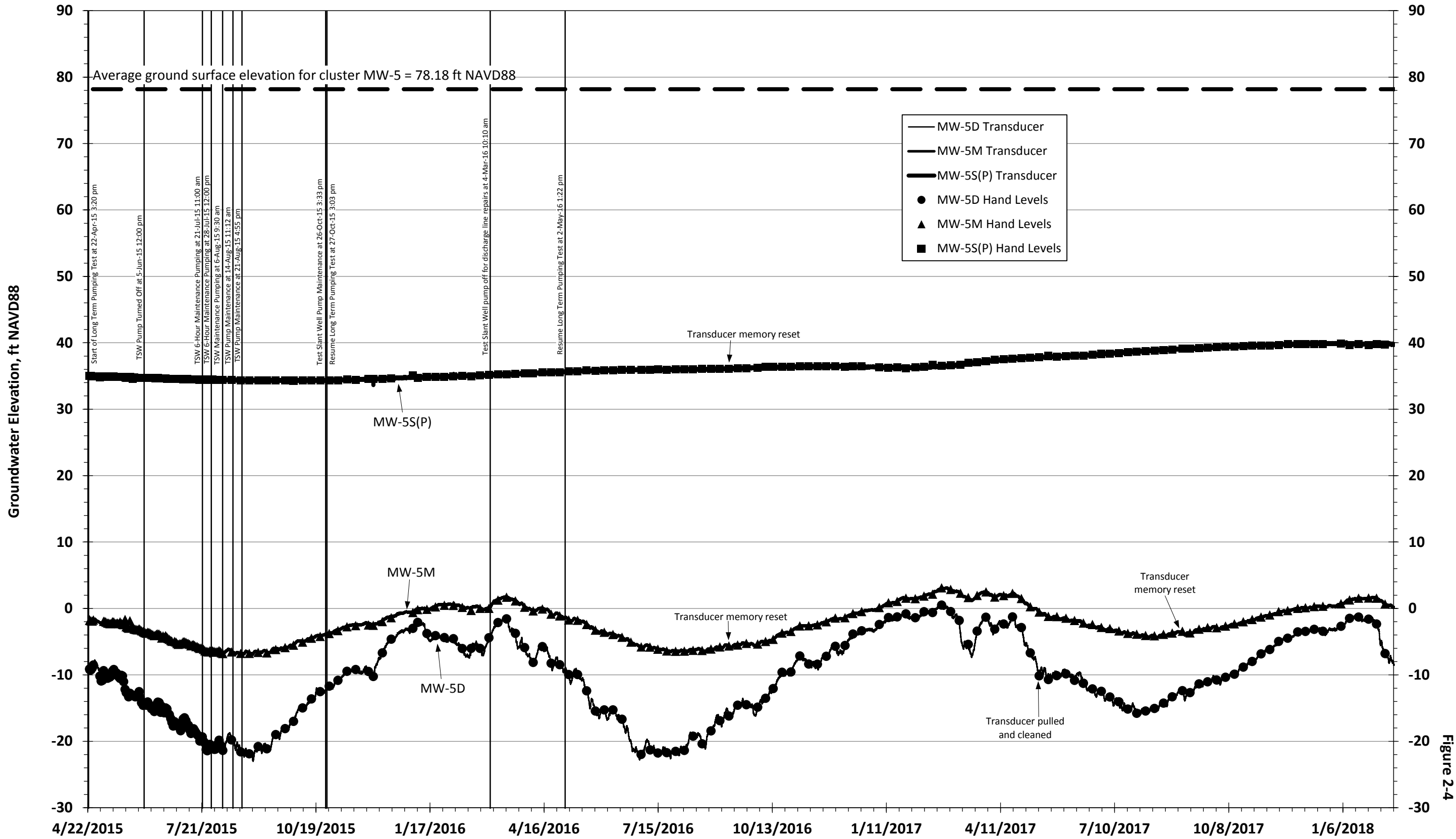
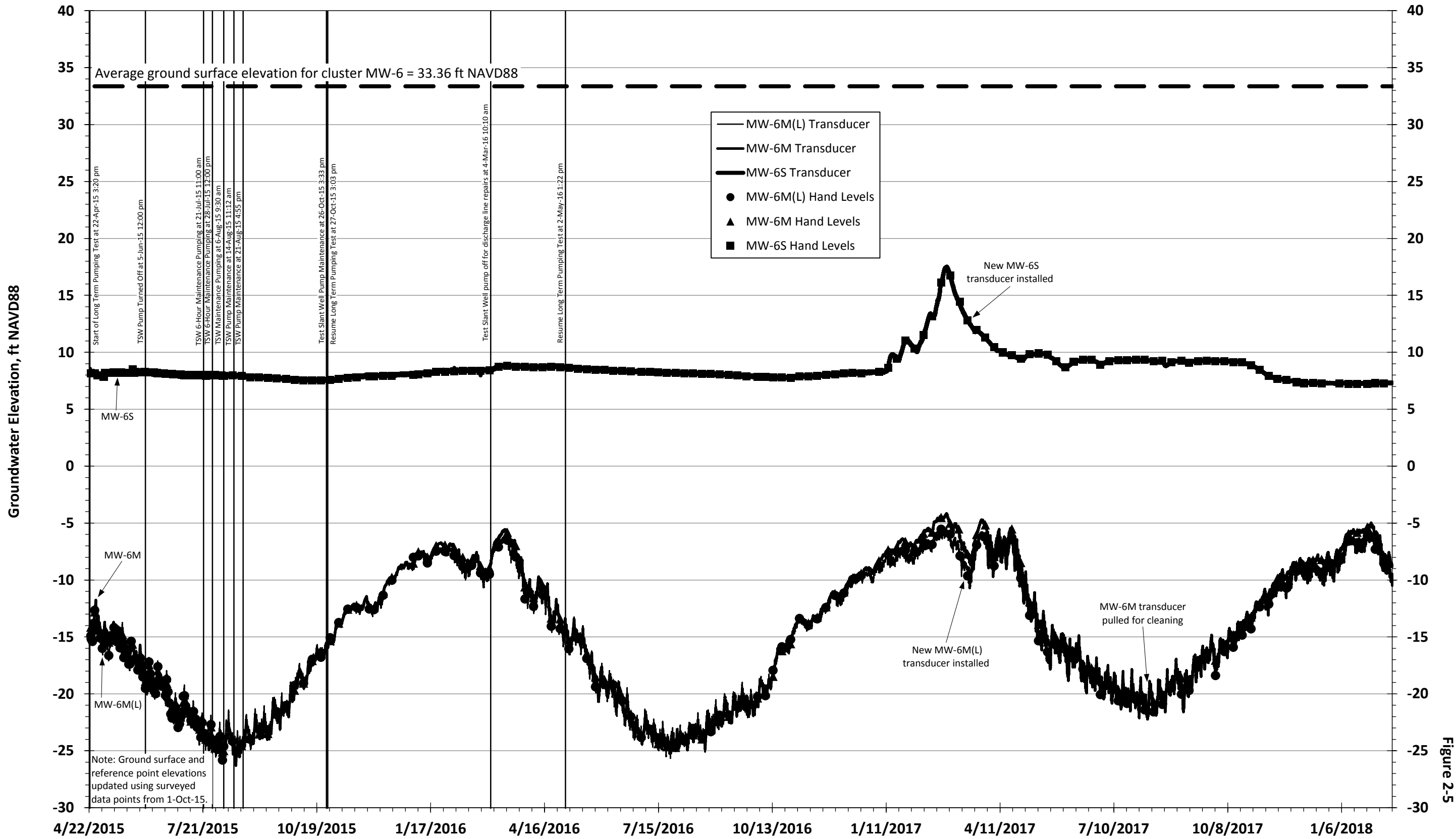


Figure 2-3

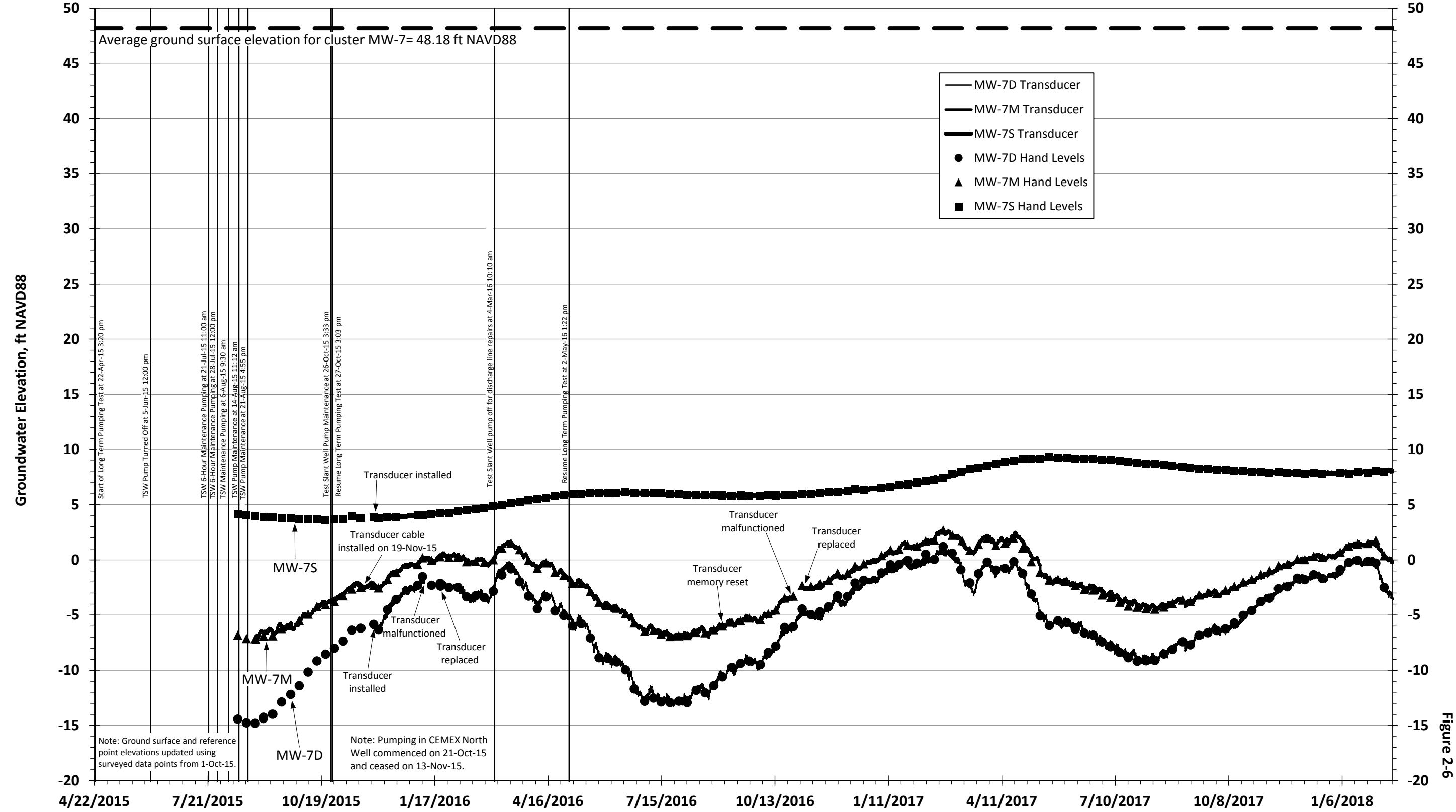
Groundwater Elevation in MPWSP MW-5



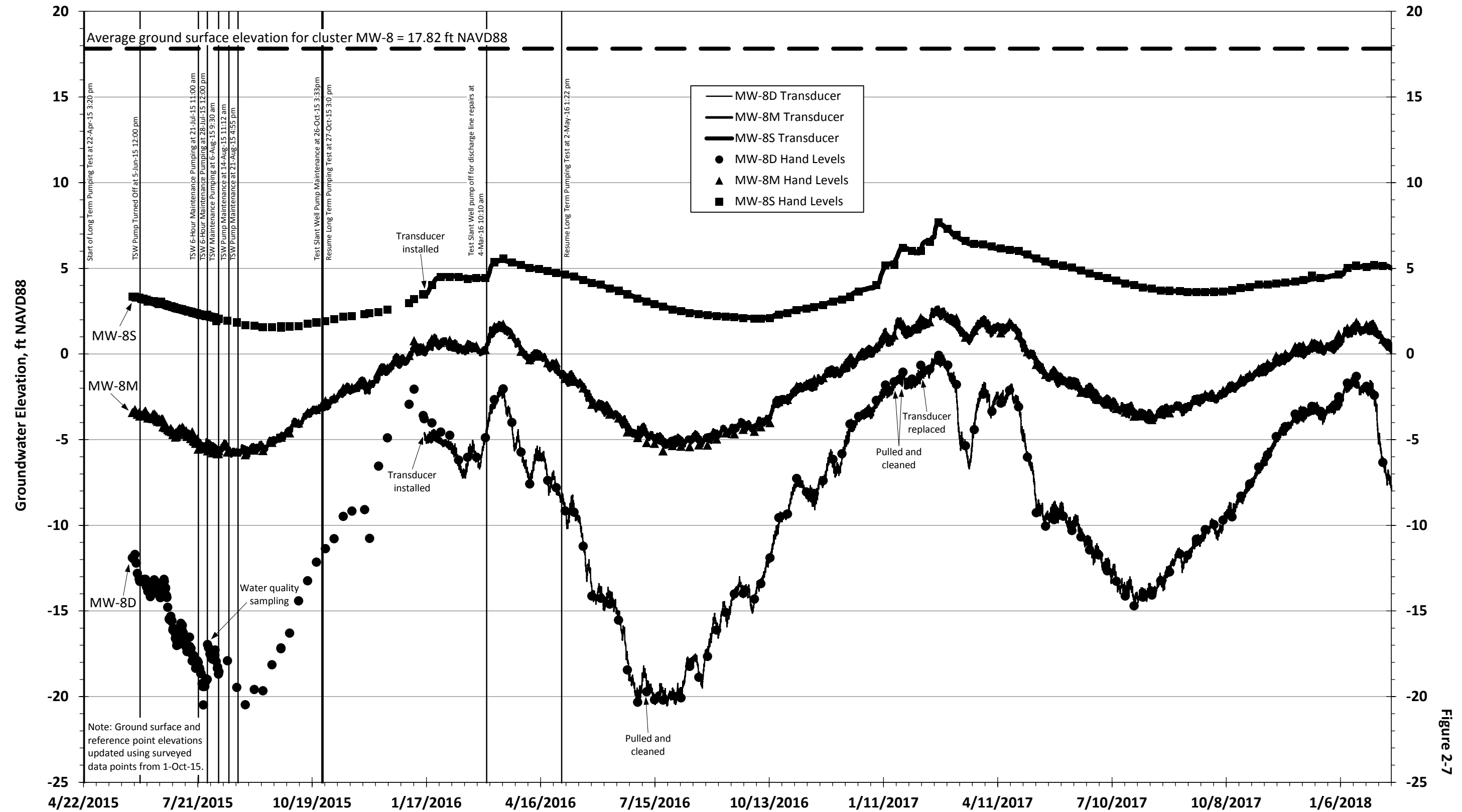
Groundwater Elevation in MPWSP MW-6



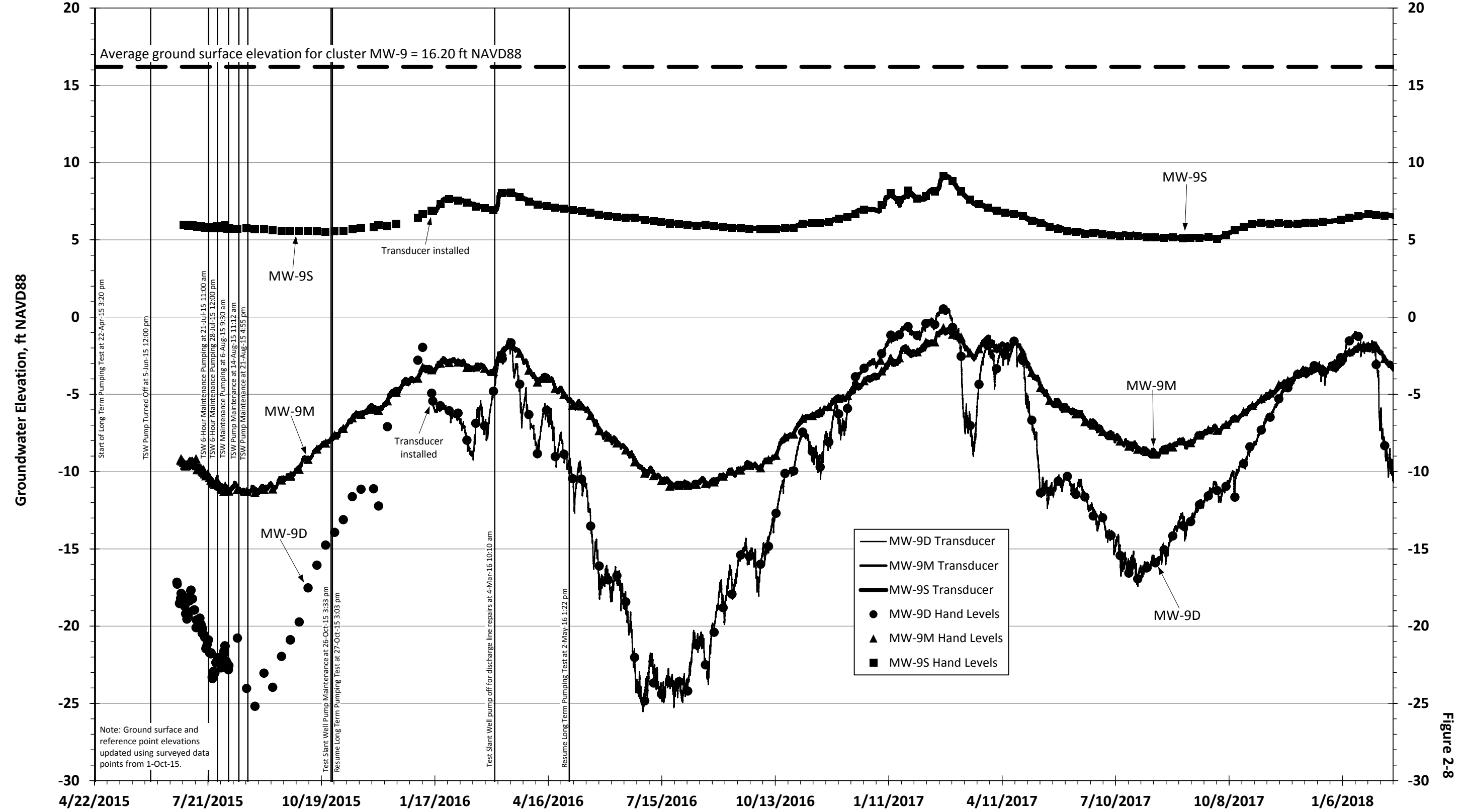
Groundwater Elevation in MPWSP MW-7



Groundwater Elevation in MPWSP MW-8



Groundwater Elevation in MPWSP MW-9



Groundwater Elevation in Monterey Regional Water Pollution Control Agency Wells

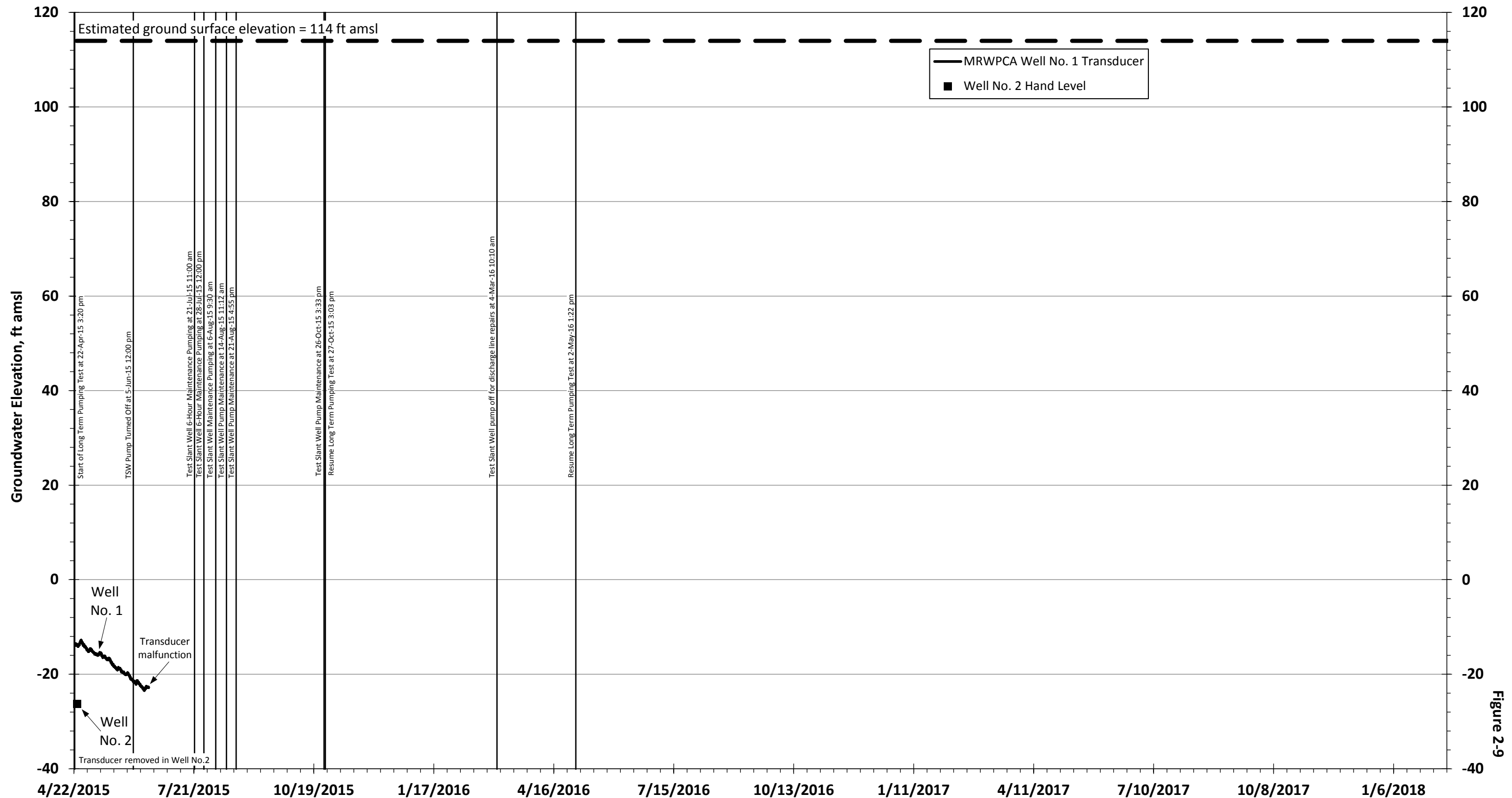


Figure 2-9

Surface Water Elevation in CEMEX Dredge Pond

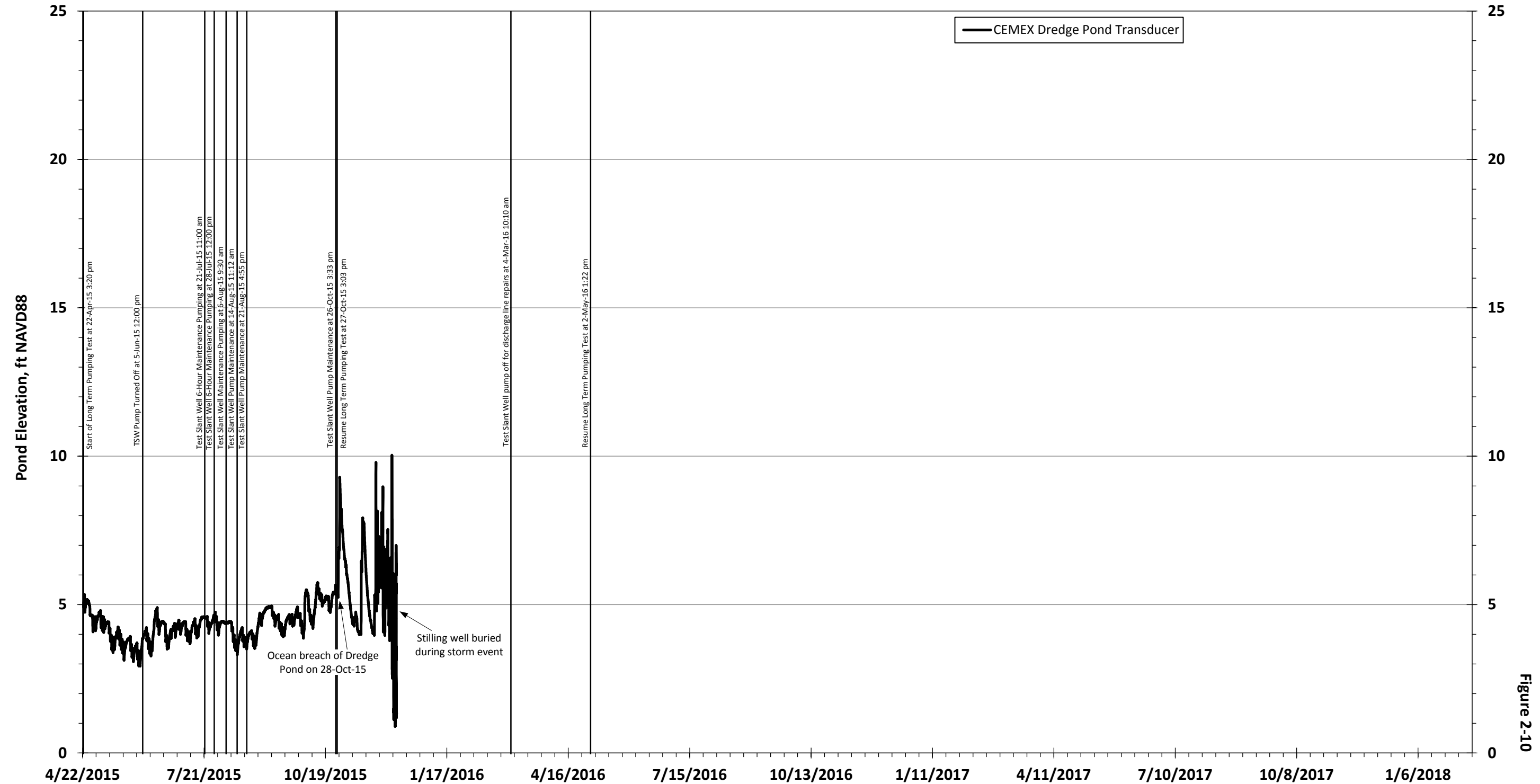


Figure 2-10

Groundwater Elevation in CEMEX North Well

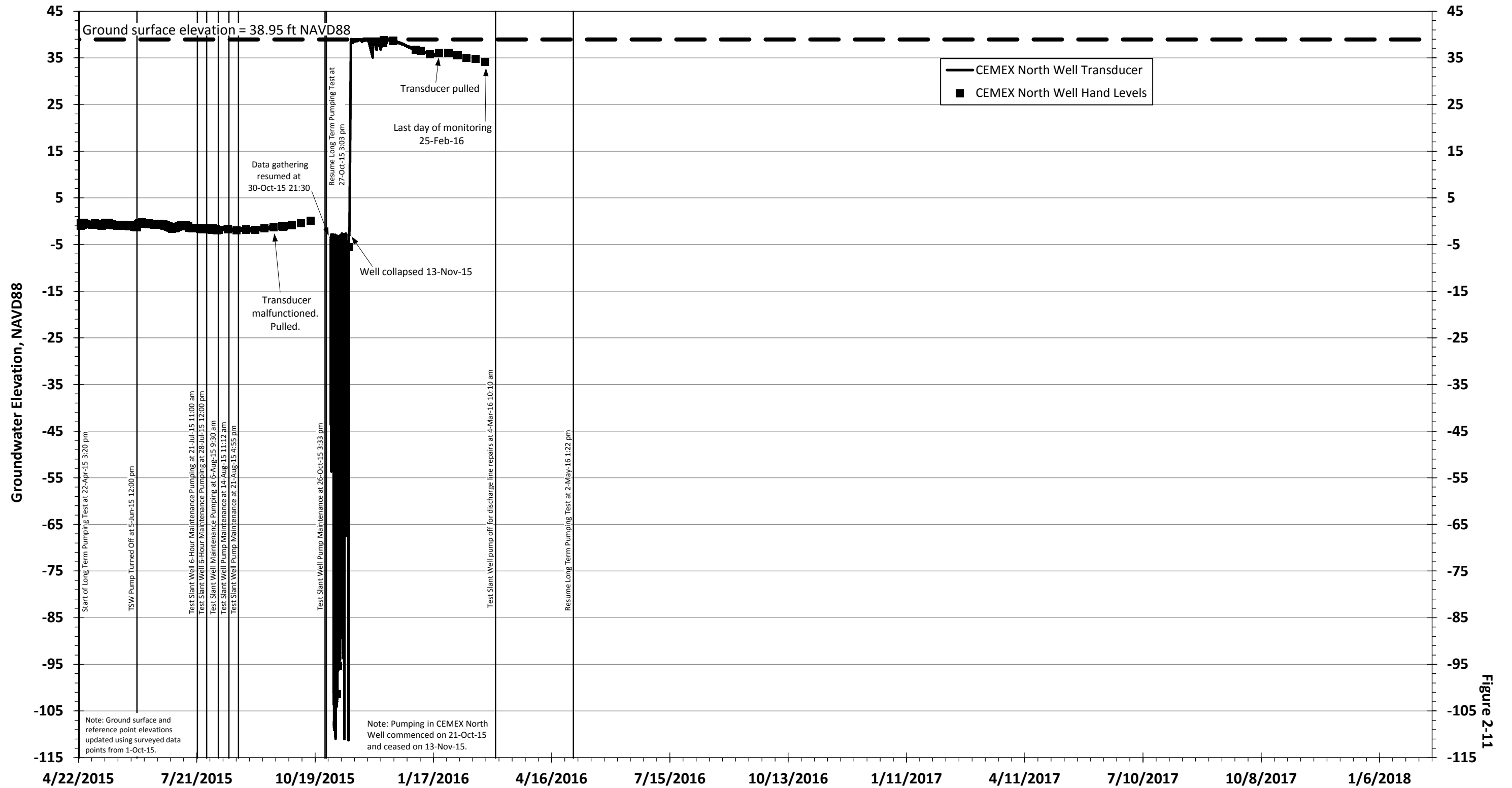


Figure 2-11

Groundwater Elevation, ft NAVD88

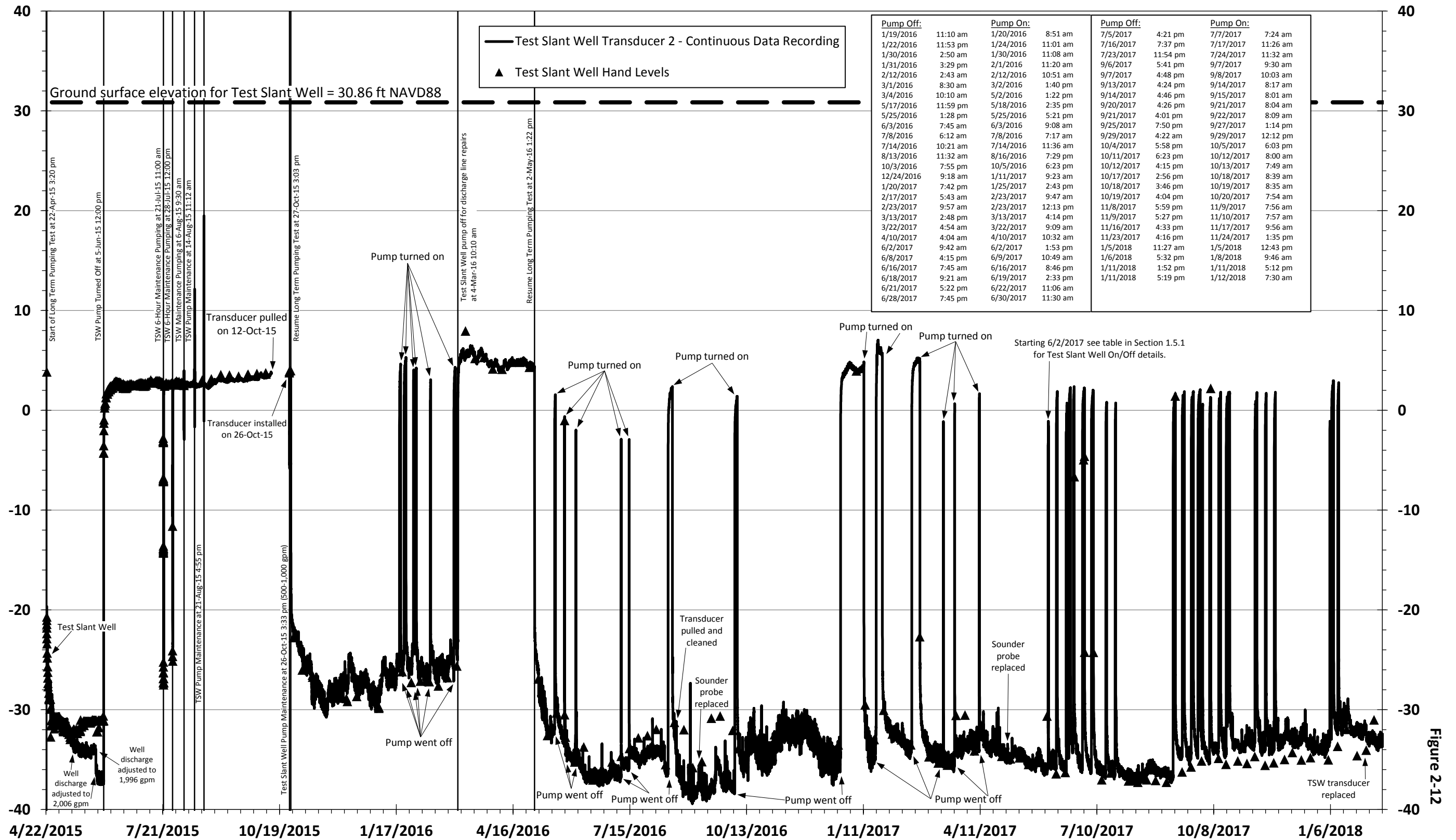


Figure 2-12

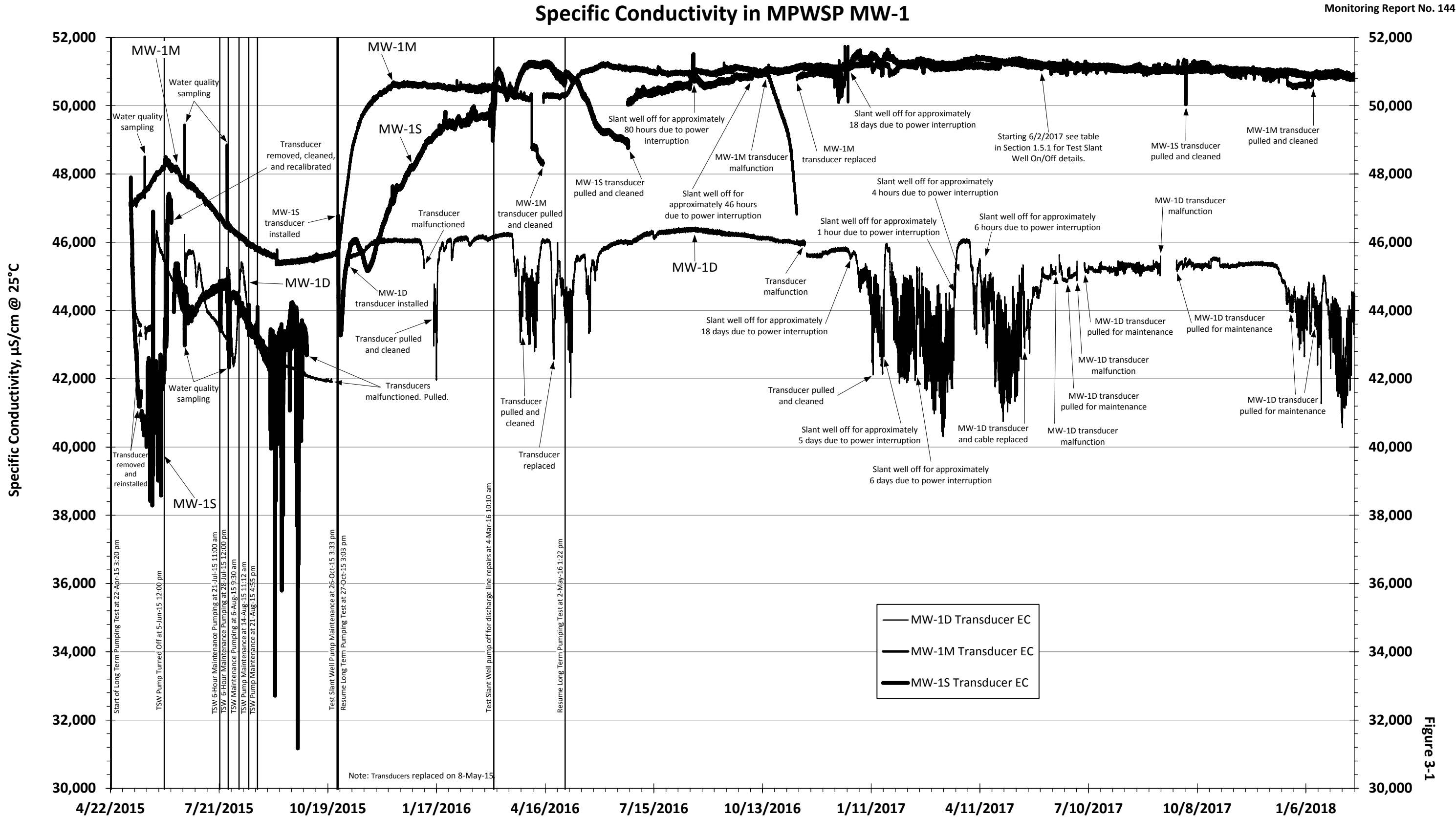


Figure 3-1

Specific Conductivity in MPWSP MW-3

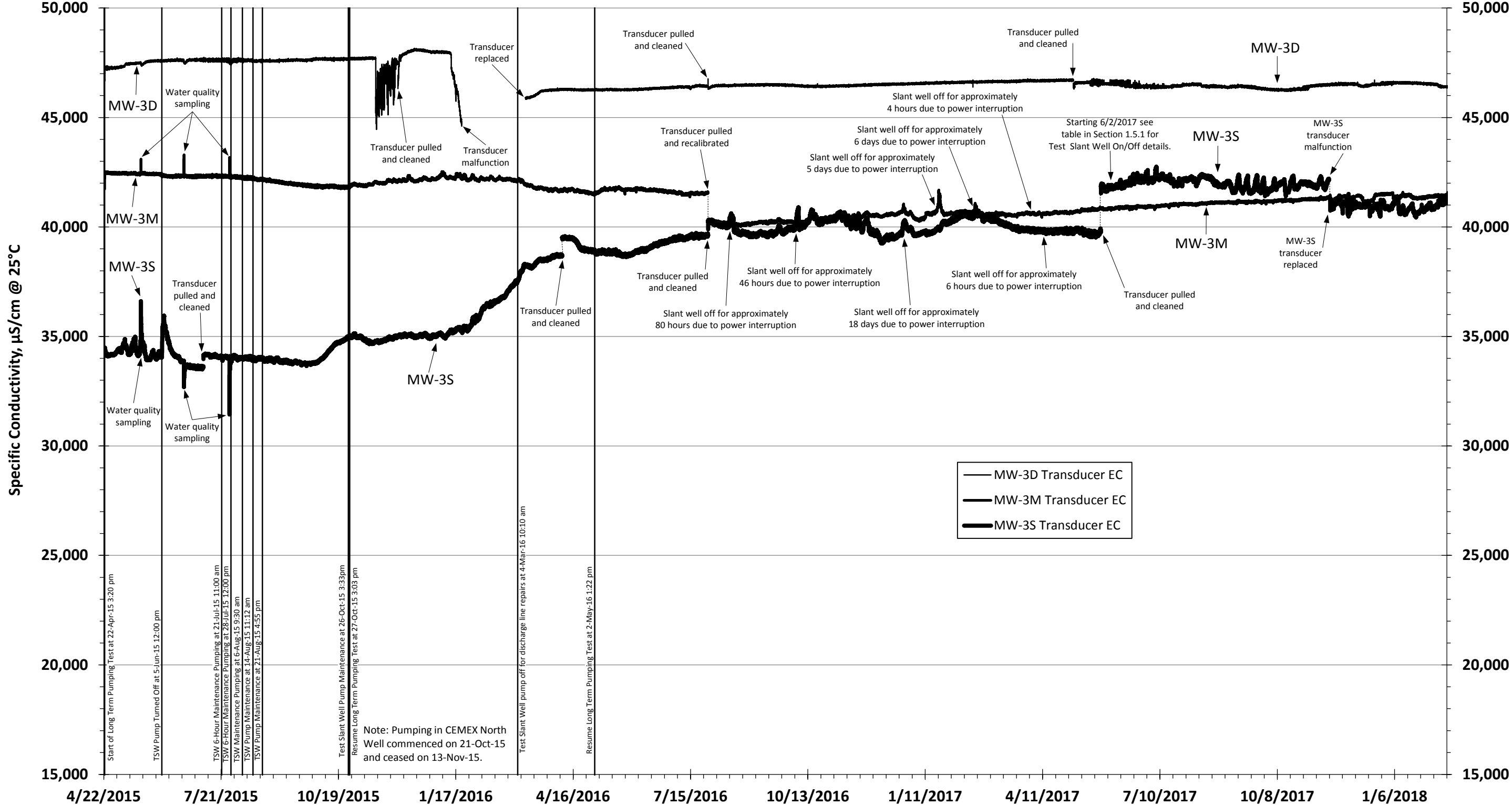


Figure 3-2

Specific Conductivity, $\mu\text{S}/\text{cm}$ @ 25°C

Specific Conductivity in MPWSP MW-5

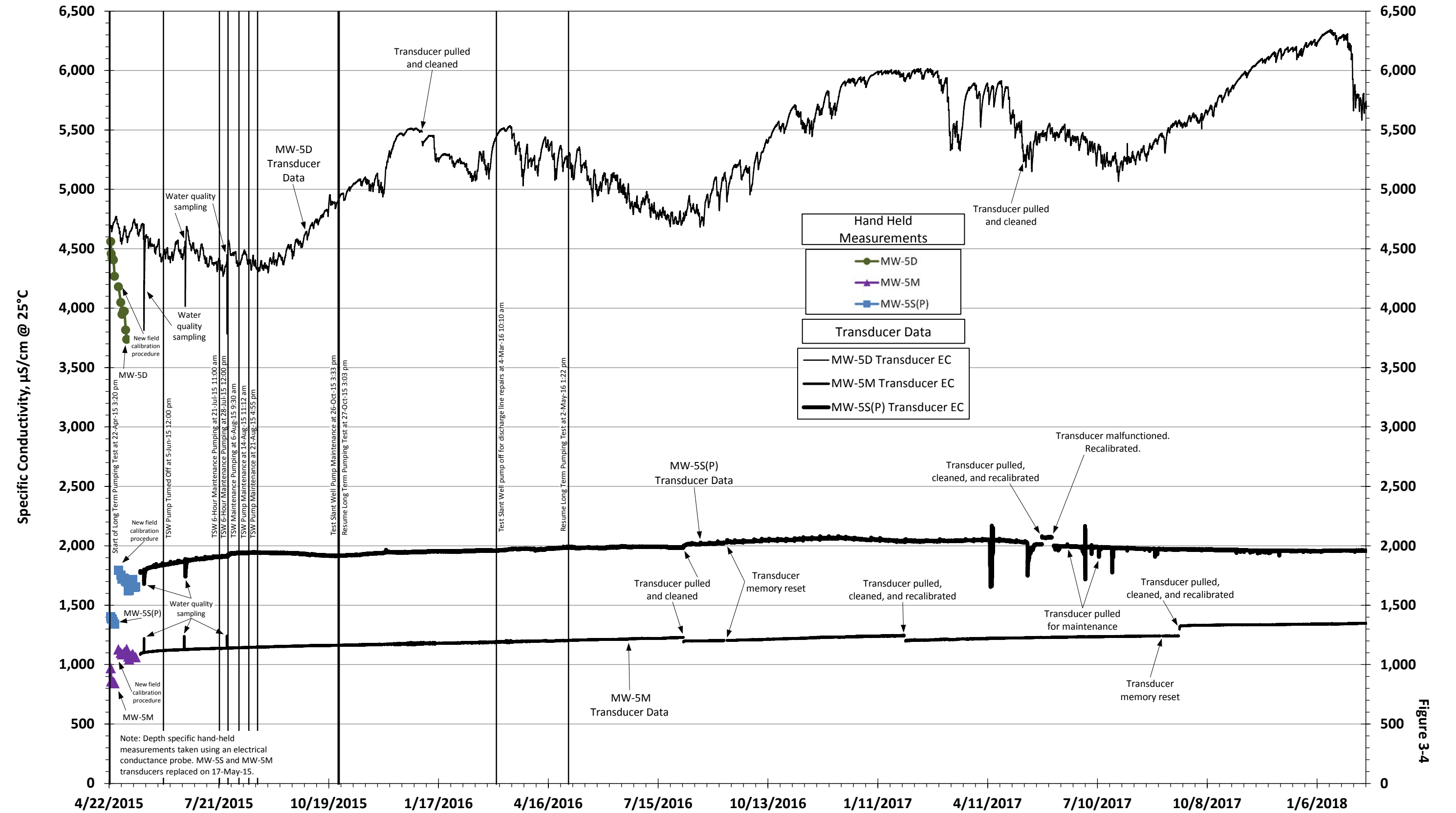


Figure 3-4

Specific Conductivity in MPWSP MW-6

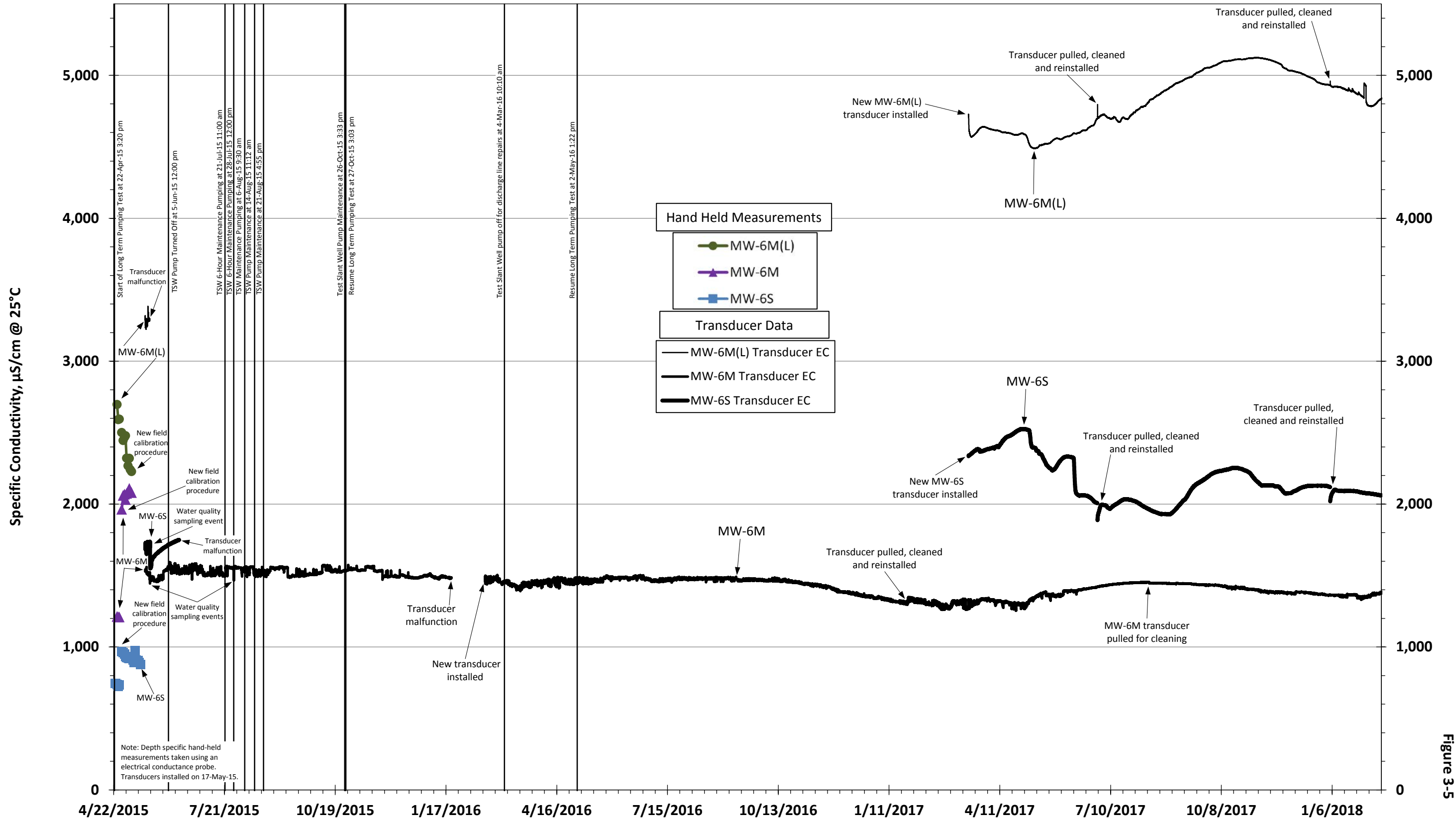


Figure 3-5

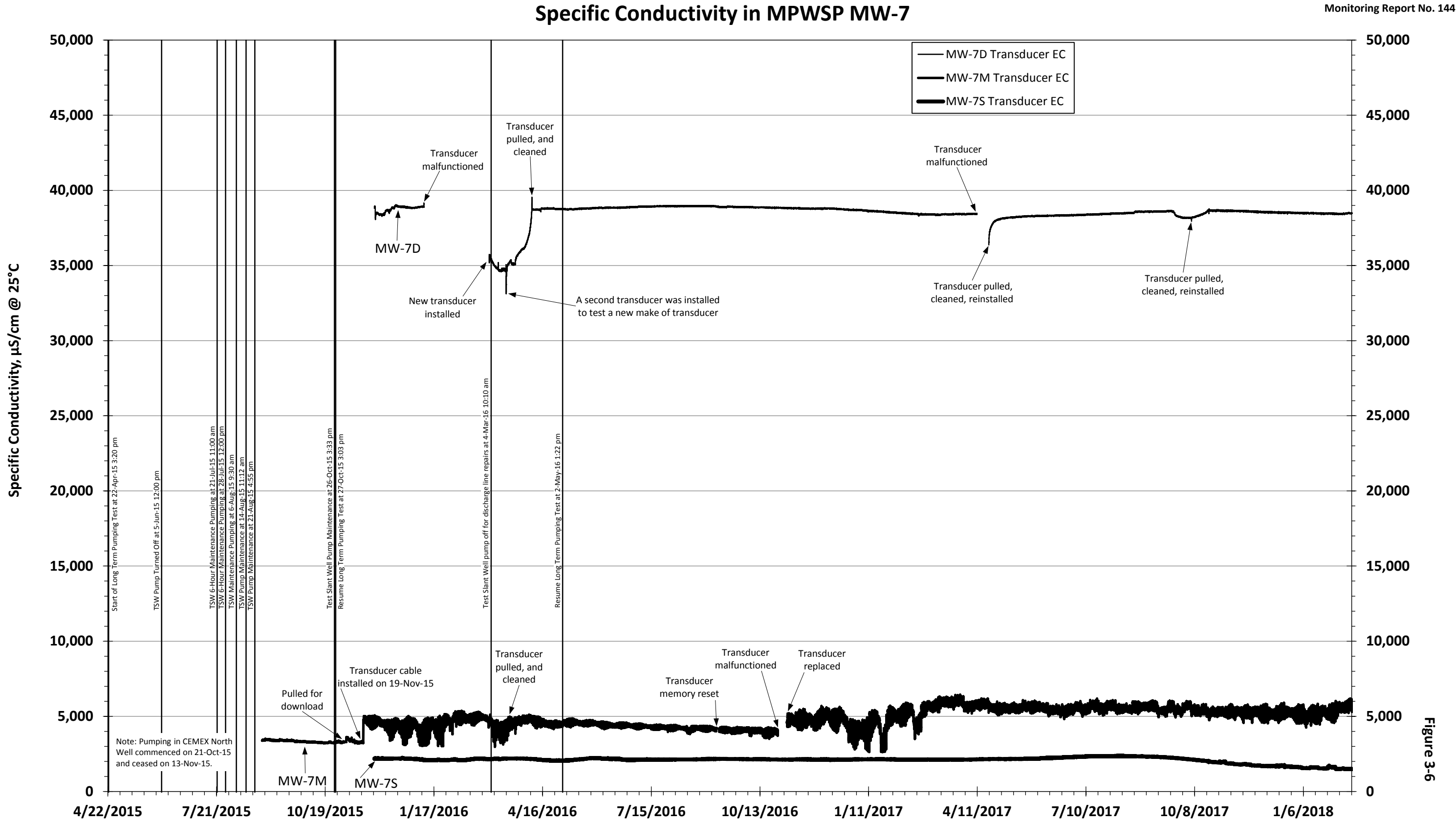


Figure 3-6

Specific Conductivity in MPWSP MW-8

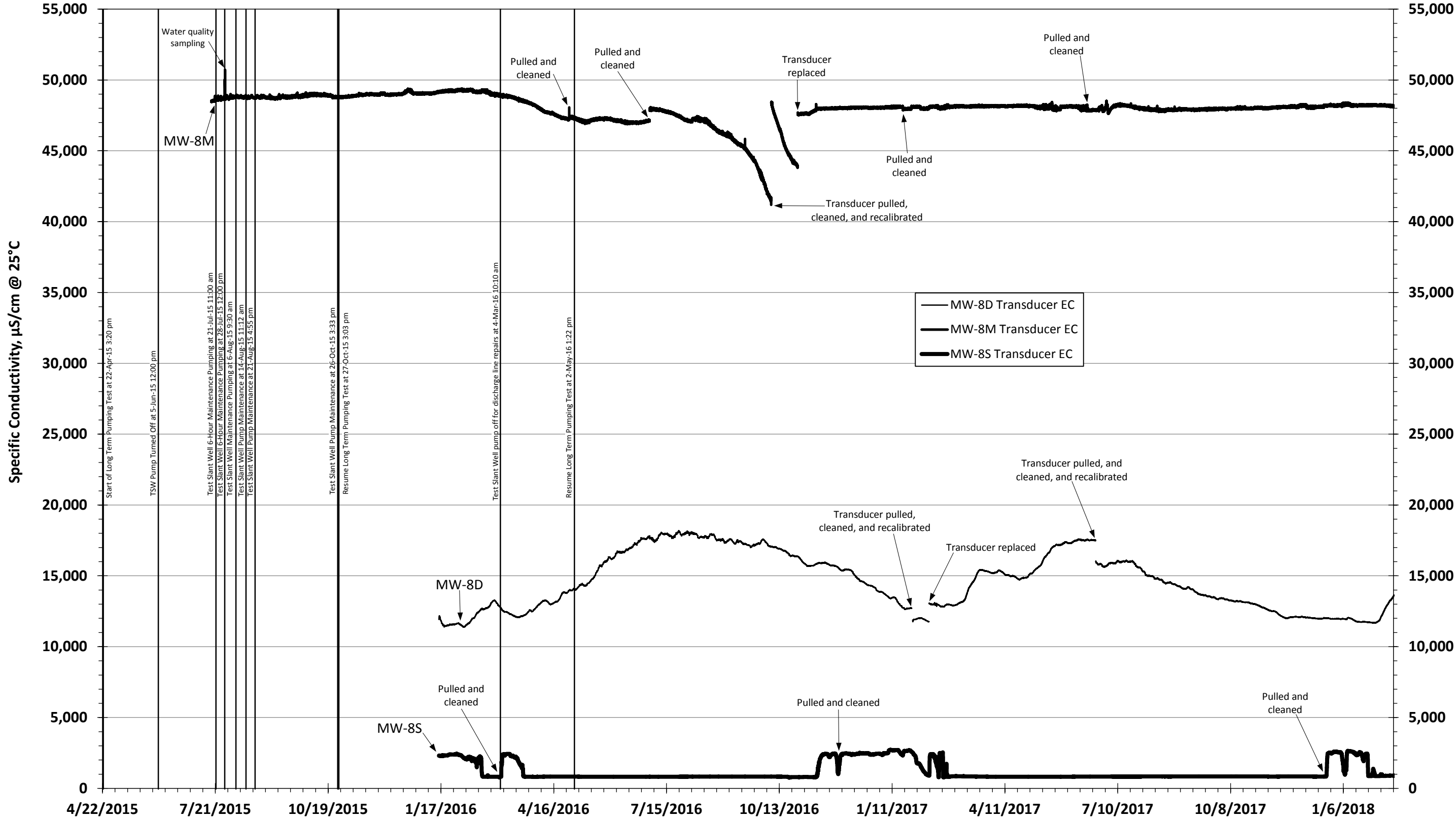


Figure 3-7

Specific Conductivity in MPWSP MW-9

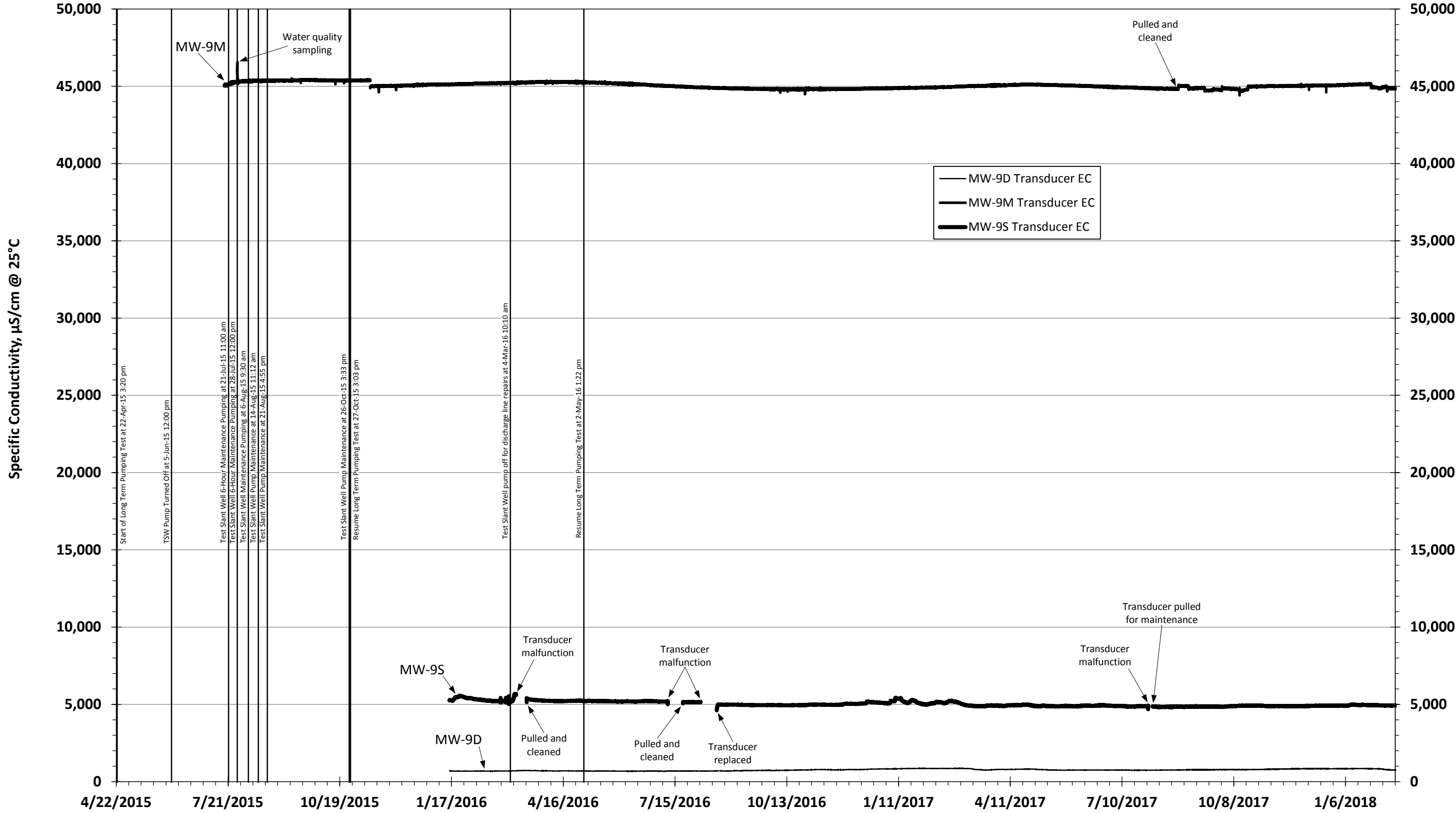


Figure 3-8

Specific Conductivity in Monterey Regional Water Pollution Control Agency Wells

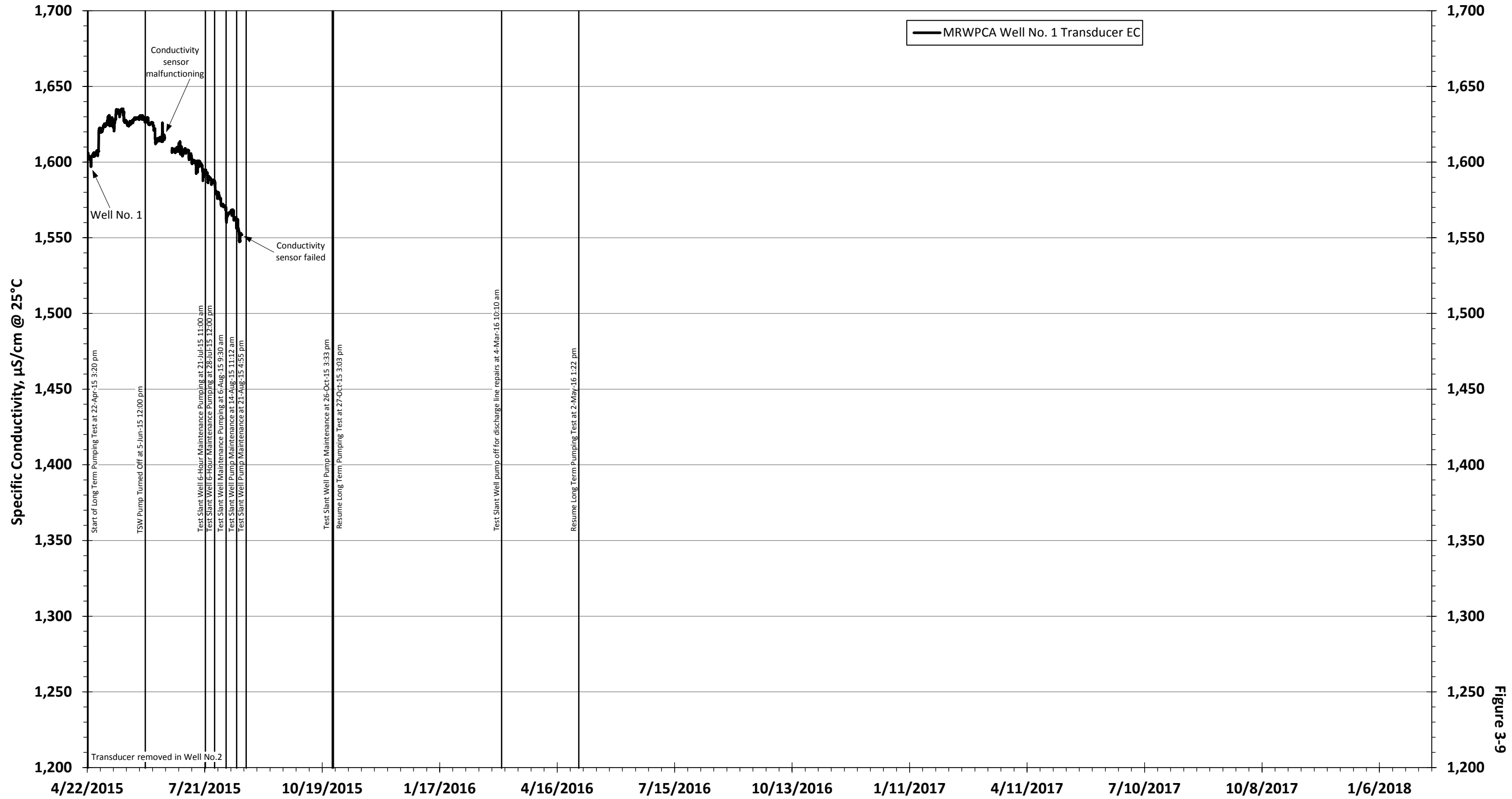


Figure 3-9

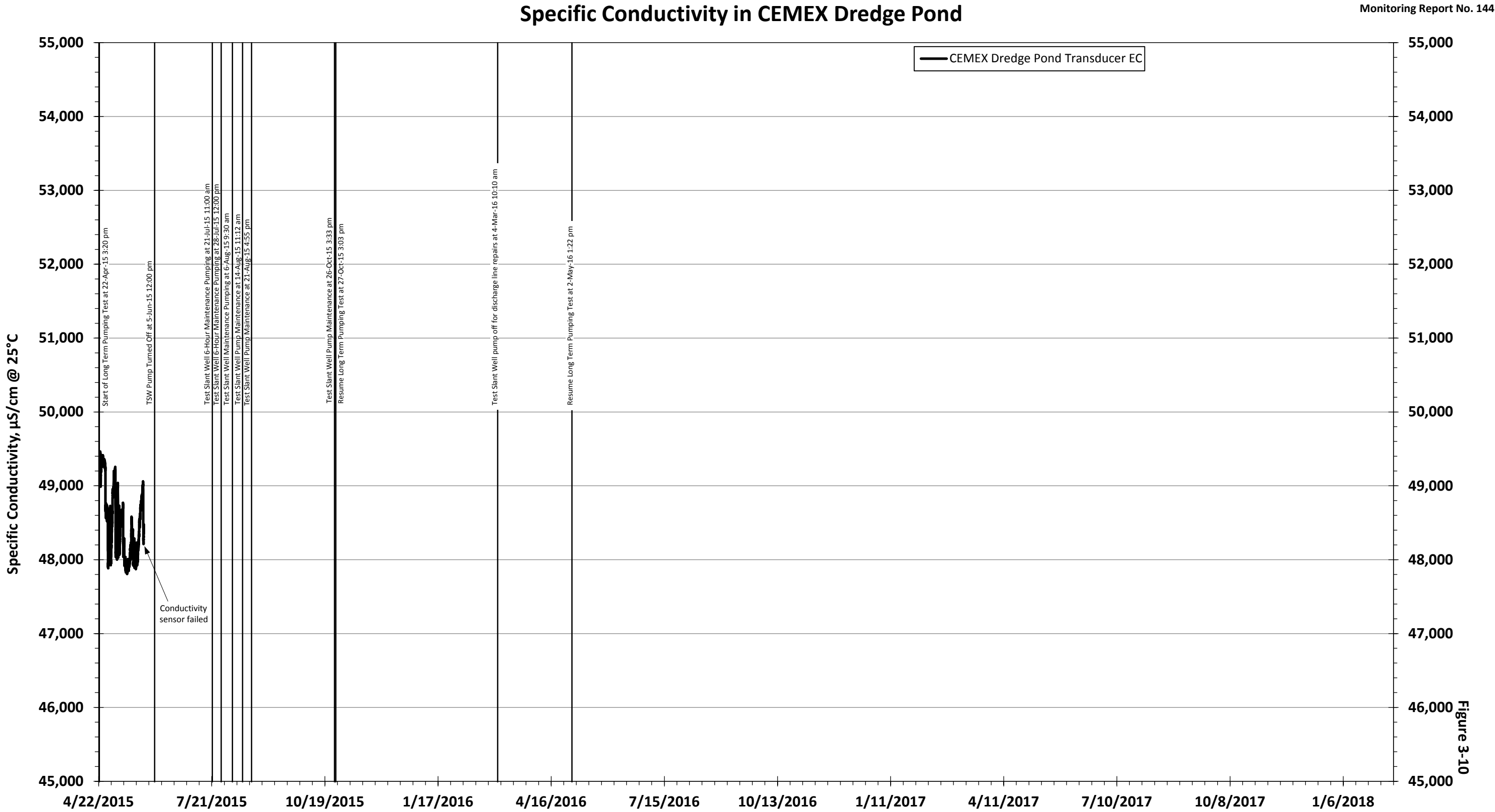


Figure 3-10

Specific Conductivity in CEMEX North Well

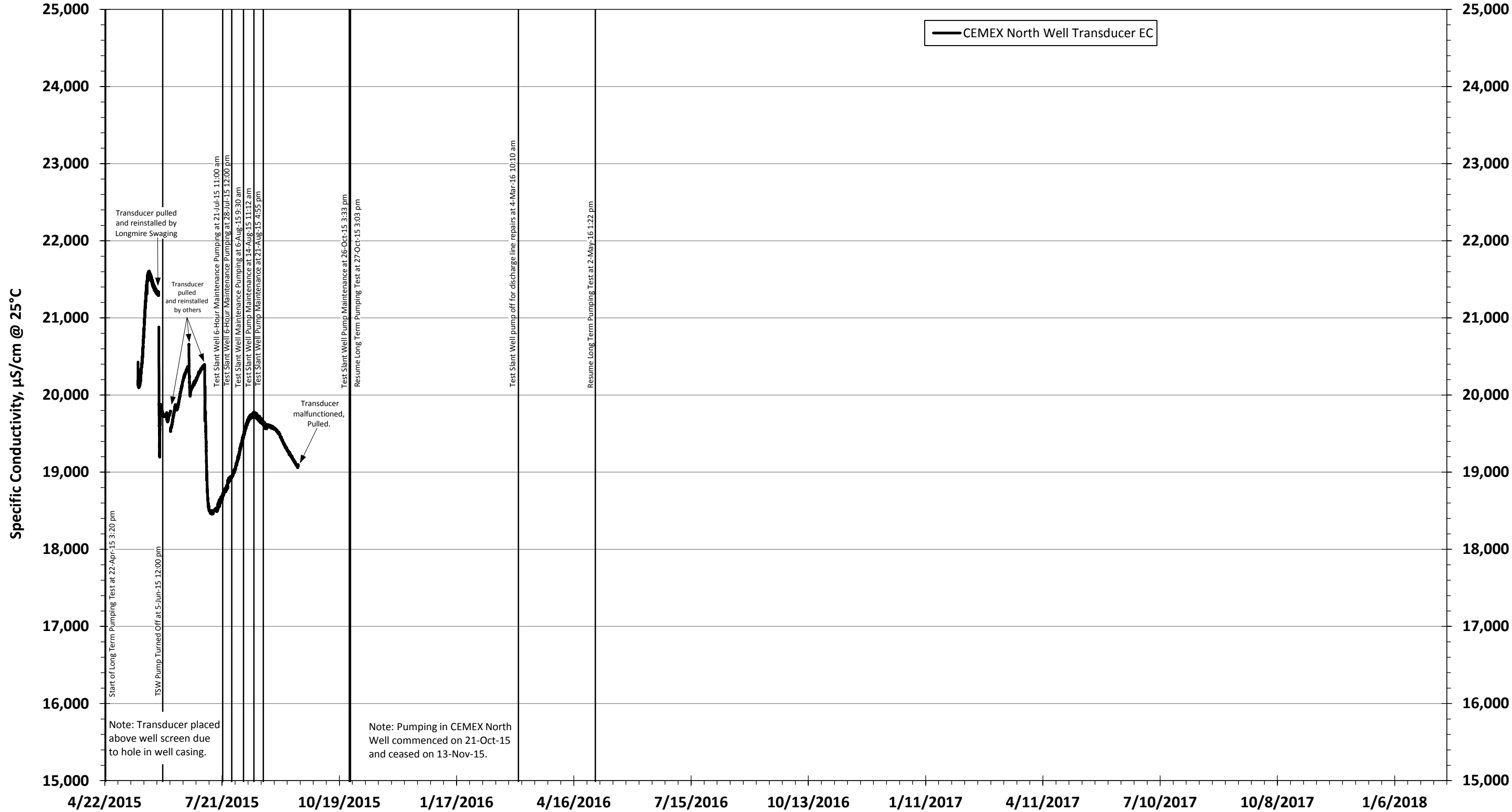


Figure 3-11

Specific Conductivity in MPWSP Test Slant Well

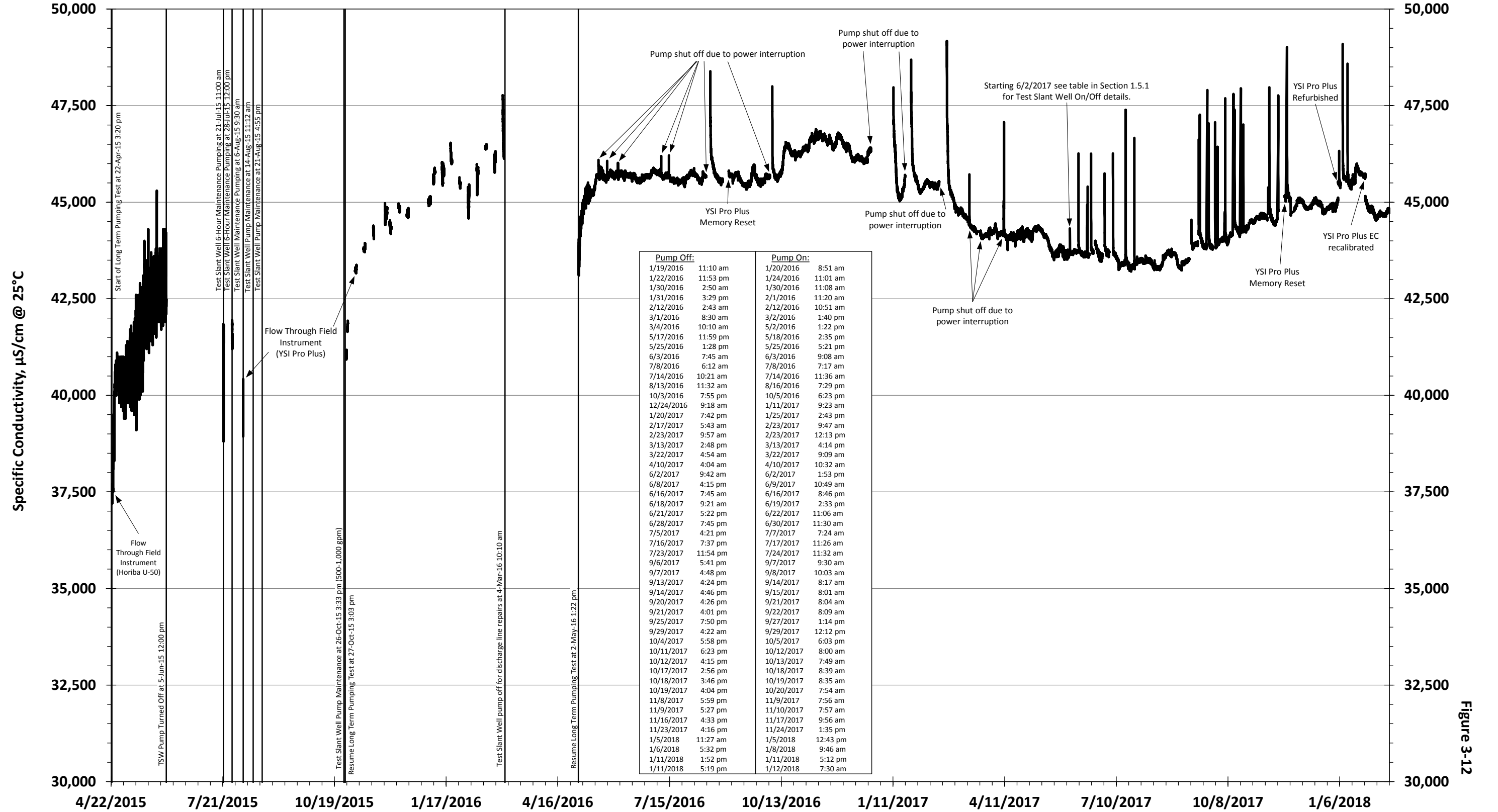


Figure 3-12

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
Total 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 N	EPA 300.0	mg/L	-	-	-	-	-	-	-	-	-	-
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
Total Kjeldahl Nitrogen, Dissolved	SM4500-NH3 B,C,E & EPA 351	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 N	EPA 300.0	mg/L	-	-	-	-	-	-	-	-	-	-
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 = 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:			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
Total Kjeldahl Nitrogen, Dissolved	SM4500-NH3 B,C,E & EPA 351	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 N	EPA 300.0	mg/L	-	-	-	-	-	-	-	-	-	-
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
Total Kjeldahl Nitrogen, Dissolved	SM4500-NH3 B,C,E & EPA 351	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 N	EPA 300.0	mg/L	-	-	-	-	-	-	-	-	-	-
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:

°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:			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
Total Kjeldahl Nitrogen, Dissolved	SM4500-NH3 B,C,E & EPA 351	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 N	EPA 300.0	mg/L	-	-	-	-	-	-	-	-	-	-
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
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quality reports for RL and PQL values.

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matrix interference caused by high chloride levels. The overstated
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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
Total Kjeldahl Nitrogen, Dissolved	SM4500-NH3 B,C,E & EPA 351	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 N	EPA 300.0	mg/L	-	-	-	-	-	-	-	-	-	-
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	-	-	-	-	-	-	-	-	-	-

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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
Total 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 N	EPA 300.0	mg/L	-	-	-	-	-	-	-	-	-	-
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 = 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:			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
Total 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 N	EPA 300.0	mg/L	-	-	-	-	-	-	-	-	-	-
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
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:			21-Jun-17	28-Jun-17	5-Jul-17	12-Jul-17	19-Jul-17	26-Jul-17	2-Aug-17	9-Aug-17	16-Aug-17	23-Aug-17
Constituent	Method	Units	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
Alkalinity, Total (as CaCO3)	SM2320B	mg/L	112	114	114	115	114	114	113	114	113	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	0.29	0.36	0.36	0.23	0.28	0.22	0.21	0.23	0.22	0.28
Barium, Dissolved	EPA 200.8	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bicarbonate (as HCO3-)	SM2320B	mg/L	137	139	139	140	139	139	138	139	138	139
Boron, Dissolved	EPA 200.7	mg/L	3.77	3.33	3.3	2.44	3.33	3.40	2.92	3.28	3.45	3.74
Bromide, Dissolved	EPA 300.0	mg/L	51.9	51.0	52.2	55.3	56.5	57.9	59.1	55.8	54.9	39.8
Calcium	EPA 200.7	mg/L	559	490	561	523	486	504	407	489	504	738
Calcium, Dissolved	EPA 200.7	mg/L	580	482	508	541	488	506	427	483	485	740
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	15,110	15,550	15,817	15,996	16,292	16,572	17,007	16,452	16,738	15,992
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	475.36	488.10	495.48	496.86	509.36	518.74	531.54	514.72	524.04	500.45
Total Anions	Calculation	Meq/L	475.36	488.10	495.48	496.86	509.36	518.74	531.54	514.72	524.04	500.45
Dissolved Cations	Calculation	Meq/L	526.04	508.51	529.93	502.41	499.74	499.71	497.53	499.13	487.85	520.31
Total Cations	Calculation	Meq/L	520.58	511.83	549.43	514.48	488.40	490.03	489.71	506.68	504.92	525.08
Fluoride, Dissolved	EPA 300.0	mg/L	0.8	0.8	0.8	0.7	0.7	0.7	0.7	0.7	0.6	0.6
Hardness (as CaCO3)	SM2340B/Calc	mg/L	6,255	5,622	6,095	5,473	5,212	5,607	4,702	5,594	5,681	6,447
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
Total 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	152	166	163	182	219	116	191	177	177	192
Magnesium	EPA 200.7	mg/L	1,180	1,070	1,140	1,010	971	1,060	895	1,060	1,070	1,120
Magnesium, Dissolved	EPA 200.7	mg/L	1,200	1,070	1,140	960	975	1,080	937	1,060	1,040	1,110
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 N	EPA 300.0	mg/L	-	-	-	-	-	-	-	-	-	-
Nitrate as NO3	EPA 300.0	mg/L	4	4	4	5	6	5	6	6	6	5
Nitrate+Nitrite as N	EPA 300.0	mg/L	1.1	0.9	0.9	1.2	1.3	1.2	1.3	1.3	1.3	1.0
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	0.06	0.08	0.08	0.07	0.07	0.08	0.10	0.09	0.08	0.08
pH (Field Test)	SM4500-H+B	pH	7.12	7.18	7.18	7.18	7.18	7.01	7.00	7.00	7.00	7.00
pH (Laboratory)	SM4500-H+B	pH (H)	7.2	7.3	6.9	7.2	7.3	7.2	7.3	7.2	7.4	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	0.08	0.09	0.08	0.08
Potassium	EPA 200.7	mg/L	328	277	295	249	259	275	231	277	278	288
Potassium, Dissolved	EPA 200.7	mg/L	336	277	294	260	262	279	245	273	270	284
QC Ratio TDS/SEC	Calculation	-	0.64	0.67	0.66	0.67	0.66	0.68	0.67	0.69	0.68	0.70
Reg. Org. Compounds (EPA 525)	EPA 525	µg/L	-	-	-	-	-	-	-	-	-	-
Salinity	SM2520B	psu	28.3	28.1	28.3	28.0	27.9	28.1	28.4	28.0	28.7	28.5
Silica as SiO2, Dissolved	EPA 200.7	mg/L	18	12	10	11	14	17	10	13	17	15
Sodium	EPA 200.7	mg/L	8,901	9,017	9,657	9,170	8,681	8,520	8,962	8,915	8,834	8,940
Sodium, Dissolved	EPA 200.7	mg/L	8,960	8,950	9,270	8,960	8,930	8,700	9,030	8,760	8,540	8,850
Specific Conductance (E.C)	SM2510B	µmhos/cm	43,900	43,570	43,840	43,480	43,360	43,600	44,000	43,430	44,420	44,180
Specific Conductance (E.C) (Field)	SM2510B	µmhos/cm	43,687	43,633	43,501	43,353	43,305	43,451	43,437	43,266	43,408	43,583
Strontium, Dissolved	EPA 200.8	µg/L	7,297	7,718	7,210	6,593	7,967	6,799	6,348	7,320	7,406	6,853
Sulfate, Dissolved	EPA 300.0	mg/L	2,216	2,231	2,223	2,043	2,242	2,313	2,338	2,267	2,329	2,218
Temperature (Field)	SM2550	° C	15.6	15.4	16.3	15.5	15.5	15.7	15.8	15.7	15.9	15.9
Total Diss. Solids	SM2540C	mg/L	28,100	29,400	29,000	29,000	28,500	29,600	29,600	30,000	30,400	30,800
Turbidity	EPA 180.1	NTU	0.15	0.60	0.10	0.05	0.20	0.10	0.25	0.25	0.30	0.15
Turbidity (Field)	EPA 180.1	NTU	0.13	0.26	0.34	0.24	0.17	0.18	0.15	0.15	0.13	0.08
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:			31-Aug-17	6-Sep-17	13-Sep-17	20-Sep-17	28-Sep-17	4-Oct-17	11-Oct-17	17-Oct-17	25-Oct-17	1-Nov-17
Constituent	Method	Units	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
Alkalinity, Total (as CaCO3)	SM2320B	mg/L	114	115	114	114	112	113	114	113	112	113
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	0.23	0.22	0.22	0.24	0.24	0.21	0.20	0.20	0.23	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	139	140	139	139	137	138	139	138	137	138
Boron, Dissolved	EPA 200.7	mg/L	3.39	3.68	3.80	2.67	3.20	3.00	3.30	3.00	3.00	2.52
Bromide, Dissolved	EPA 300.0	mg/L	53.2	56.1	56.1	53.7	56.0	56.0	57.7	57.8	55.5	55.3
Calcium	EPA 200.7	mg/L	759	404	535	535	520	440	476	580	447	392
Calcium, Dissolved	EPA 200.7	mg/L	824	456	499	515	450	410	502	458	447	400
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	16,661	16,432	16,200	16,100	16,500	16,100	16,500	17,100	17,000	16,400
Chlorinated Pesticides and PCB (EPA 508)	EPA 508	µg/L	-	-	-	-	-	-	-	-	-	-
Color, Apparent (Unfiltered)	SM2120B	Color Units	ND	ND	ND	ND	ND	3	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	520.32	512.79	506.32	503.25	515.78	504.91	515.40	532.93	531.32	513.36
Total Anions	Calculation	Meq/L	520.32	512.79	506.32	503.25	515.78	504.91	515.40	532.93	531.32	513.36
Dissolved Cations	Calculation	Meq/L	497.84	515.38	516.67	517.83	447.57	458.17	512.27	482.68	473.64	506.73
Total Cations	Calculation	Meq/L	508.00	529.94	548.05	516.68	521.57	460.18	488.57	506.41	459.71	496.32
Fluoride, Dissolved	EPA 300.0	mg/L	0.6	0.5	0.6	0.7	0.5	0.7	0.7	0.7	0.7	0.6
Hardness (as CaCO3)	SM2340B/Calc	mg/L	6,200	5,750	6,210	5,980	6,240	5,220	5,260	5,780	4,870	4,770
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
Total Kjeldahl Nitrogen, Dissolved	SM4500-NH3 B,C,E & EPA 351	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	214	226	170	153	200	169	172	171	192	227
Magnesium	EPA 200.7	mg/L	1,068	1,030	1,180	1,130	1,200	1,000	988	1,050	1,020	921
Magnesium, Dissolved	EPA 200.7	mg/L	1,024	918	1,120	1,110	990	1,000	1,050	1,020	1,030	932
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 N	EPA 300.0	mg/L	1.2	1.3	1.6	1.4	1.5	1.2	1.2	1.2	1.3	1.2
Nitrate as NO3	EPA 300.0	mg/L	5	6	7	6	7	5	6	5	6	5
Nitrate+Nitrite as N	EPA 300.0	mg/L	1.2	1.3	1.6	1.4	1.5	1.2	1.2	1.2	1.3	1.2
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	2	1	1	1	2	4	1	1
o-Phosphate-P	Hach 8048 & EPA 365.1	mg/L	0.08	0.07	0.08	0.08	0.07	0.07	0.08	0.08	0.07	0.07
pH (Field Test)	SM4500-H+B	pH	7.00	7.01	7.17	7.17	7.06	7.04	7.04	7.30	7.05	7.04
pH (Laboratory)	SM4500-H+B	pH (H)	7.4	7.2	7.2	7.2	7.2	6.7	7.2	7.2	7.1	7.1
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	0.07	0.07	0.08	0.08	0.08	0.08
Potassium	EPA 200.7	mg/L	279	290	311	283	380	310	266	340	251.0	285
Potassium, Dissolved	EPA 200.7	mg/L	269	269	283	295	510	460	279	274	254.0	284
QC Ratio TDS/SEC	Calculation	-	0.67	0.68	0.68	0.66	0.67	0.66	0.69	0.70	0.70	0.68
Reg. Org. Compounds (EPA 525)	EPA 525	µg/L	-	-	-	-	-	-	-	-	-	-
Salinity	SM2520B	psu	28.2	28.2	28.4	28.4	28.4	28.4	28.5	28.4	28.6	28.8
Silica as SiO2, Dissolved	EPA 200.7	mg/L	14	12	10	13	13	13	9	ND	ND	19
Sodium	EPA 200.7	mg/L	8,623	9,600	9,570	8,960	8,900	8,000	8,660	8,790	7,980	9,050
Sodium, Dissolved	EPA 200.7	mg/L	8,404	9,430	9,020	9,040	7,600	7,900	9,050	8,480	8,270	9,260
Specific Conductance (E.C)	SM2510B	µmhos/cm	43,710	43,810	44,080	44,030	44,080	44,100	44,130	44,080	44,350	44,590
Specific Conductance (E.C) (Field)	SM2510B	µmhos/cm	43,261	43,510	43,920	43,820	43,860	44,050	44,170	44,160	44,510	44,590
Strontium, Dissolved	EPA 200.8	µg/L	6,822	7,060	6,510	5,900	7,770	8,280	7,700	7,770	7,180	7,120
Sulfate, Dissolved	EPA 300.0	mg/L	2,271	2,262	2,220	2,210	2,270	2,290	2,250	2,280	2,340	2,290
Temperature (Field)	SM2550	° C	15.9	16.0	16.1	16.3	16.2	16.1	16.1	16.2	16.2	16.2
Total Diss. Solids	SM2540C	mg/L	29,400	29,700	29,800	29,100	29,700	29,300	30,600	30,900	31,100	30,300
Turbidity	EPA 180.1	NTU	0.10	0.20	0.15	0.35	0.15	0.15	0.30	0.10	0.15	0.05
Turbidity (Field)	EPA 180.1	NTU	0.20	0.18	0.05	0.07	0.14	0.28	0.08	0.08	0.35	0.20
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
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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:			8-Nov-17	15-Nov-17	22-Nov-17	30-Nov-17	6-Dec-17	13-Dec-17	20-Dec-17	4-Jan-18	10-Jan-18	17-Jan-18
Constituent	Method	Units	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
Alkalinity, Total (as CaCO3)	SM2320B	mg/L	112	112	113	112	111	112	112	112	104	111
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	0.25	0.26	0.28	0.25	0.25	0.26	0.25	0.24	0.24	0.27
Barium, Dissolved	EPA 200.8	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bicarbonate (as HCO3-)	SM2320B	mg/L	137	137	138	137	135	137	137	137	127	135
Boron, Dissolved	EPA 200.7	mg/L	3.50	3.60	3.10	3.60	3.1	3.3	3.4	3.7	3.8	3.82
Bromide, Dissolved	EPA 300.0	mg/L	56.2	53.2	52.3	52.8	53.2	58.9	59.9	58.0	55.9	54.4
Calcium	EPA 200.7	mg/L	565	509	484	746	479	414	447	730	442	473
Calcium, Dissolved	EPA 200.7	mg/L	542	496	496	710	466	478	485	745	496	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	16,400	16,200	17,200	16,800	16,400	16,400	17,100	17,100	16,500	16,500
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	513.14	508.09	541.29	525.62	513.69	513.37	533.76	537.72	515.79	516.32
Total Anions	Calculation	Meq/L	513.14	508.09	541.29	525.62	513.69	513.37	533.76	537.72	515.79	516.32
Dissolved Cations	Calculation	Meq/L	512.96	491.61	467.56	510.36	490.44	510.03	522.47	517.31	498.00	509.74
Total Cations	Calculation	Meq/L	548.24	458.49	463.09	507.82	494.33	480.40	478.29	536.73	510.55	520.15
Fluoride, Dissolved	EPA 300.0	mg/L	0.7	0.9	0.7	0.5	0.6	0.9	0.7	0.4	0.8	0.5
Hardness (as CaCO3)	SM2340B/Calc	mg/L	6,250	5,440	5,060	6,290	4,820	5,030	5,180	6,510	5,370	5,930
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
Total Kjeldahl Nitrogen, Dissolved	SM4500-NH3 B,C,E & EPA 351	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	160	176	162	136	177	118	199	174	176	252
Magnesium	EPA 200.7	mg/L	1,180	969	936	1,070	1,050	972	987	1,140	1,040	1,150
Magnesium, Dissolved	EPA 200.7	mg/L	1,110	1,080	942	1,100	1,040	1,020	1,050	1,200	1,070	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 N	EPA 300.0	mg/L	1.1	1.2	1.0	1.0	0.9	1.1	1.2	1.4	1.1	1.0
Nitrate as NO3	EPA 300.0	mg/L	5	5	ND	4.3	4	5	5	6	5	4
Nitrate+Nitrite as N	EPA 300.0	mg/L	1.1	1.2	1.0	1.0	0.9	1.1	1.2	1.4	1.1	1.0
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	1	1	1	1	1	1	1	1	1
o-Phosphate-P	Hach 8048 & EPA 365.1	mg/L	0.08	0.07	0.08	0.08	0.08	0.08	0.08	0.07	0.07	0.07
pH (Field Test)	SM4500-H+B	pH	7.05	7.05	7.05	7.01	7.03	7.02	7.02	7.02	7.23	7.05
pH (Laboratory)	SM4500-H+B	pH (H)	7.2	7.1	7.2	7.6	7.0	7.2	7.2	7.1	7.2	7.2
Phenoxy Acid Herbicides (515.3)	EPA 515.3	µg/L	-	-	-	-	-	-	-	-	-	-
Phosphorus, Dissolved Total	HACH 8190 & EPA 365.1	mg/L	0.08	0.08	0.09	0.08	0.08	0.08	0.08	0.07	0.08	0.08
Potassium	EPA 200.7	mg/L	328	262	238	275	282	272	264	297	293	322.0
Potassium, Dissolved	EPA 200.7	mg/L	307	288	251	282.0	281	284	286	319	298	322.0
QC Ratio TDS/SEC	Calculation	-	0.67	0.68	0.68	0.69	0.68	0.68	0.67	0.66	0.69	0.67
Reg. Org. Compounds (EPA 525)	EPA 525	µg/L	-	-	-	-	-	-	-	-	-	-
Salinity	SM2520B	psu	28.8	28.5	28.5	28.7	28.8	28.8	28.7	28.7	28.8	28.9
Silica as SiO2, Dissolved	EPA 200.7	mg/L	16	22	13	11	12	16	15	15	17	29
Sodium	EPA 200.7	mg/L	9,530	7,970	8,180	8,630	8,670	8,570	8,460	9,170	9,090	9,050
Sodium, Dissolved	EPA 200.7	mg/L	8,890	8,520	8,250	8,680	8,610	9,080	9,300	8,580	8,680	8,970
Specific Conductance (E.C)	SM2510B	µmhos/cm	44,530	44,190	44,130	44,420	44,600	44,610	44,460	44,450	44,530	44,680
Specific Conductance (E.C) (Field)	SM2510B	µmhos/cm	44,580	44,520	44,490	44,790	45,010	44,930	44,980	45,050	45,660	45,600
Strontium, Dissolved	EPA 200.8	µg/L	6,200	7,130	7,900	8,250	8,110	8,970	8,830	7,480	7,740	7,060
Sulfate, Dissolved	EPA 300.0	mg/L	2,280	2,310	2,550	2,300	2,310	2,290	2,320	2,510	2,280	2,300
Temperature (Field)	SM2550	° C	16.3	16.2	16.1	16.0	15.7	15.7	15.6	15.5	15.5	15.3
Total Diss. Solids	SM2540C	mg/L	29,900	30,100	30,100	30,500	30,500	30,400	29,600	29,500	30,700	29,800
Turbidity	EPA 180.1	NTU	0.10	0.15	0.15	0.10	0.10	0.10	0.15	0.15	0.10	0.30
Turbidity (Field)	EPA 180.1	NTU	0.07	0.11	0.08	0.07	0.17	0.20	0.21	0.10	0.17	0.17
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:			25-Jan-18
Constituent	Method	Units	Result
Alkalinity, Total (as CaCO3)	SM2320B	mg/L	111
Aluminum, Total	EPA 200.8	µg/L	ND
Ammonia-N, Dissolved	SM4500NH3 D & EPA 350.1	mg/L	ND
Arsenic, Total ¹	EPA 200.8	µg/L	-
Arsenic, Total	EPA 1640	µg/L	0.23
Barium, Dissolved	EPA 200.8	µg/L	ND
Bicarbonate (as HCO3-)	SM2320B	mg/L	135
Boron, Dissolved	EPA 200.7	mg/L	3.5
Bromide, Dissolved	EPA 300.0	mg/L	52.1
Calcium	EPA 200.7	mg/L	484
Calcium, Dissolved	EPA 200.7	mg/L	464
Carbamates by HPLC (EPA 531)	EPA 531	µg/L	-
Carbonate as CaCO3	SM2320B	mg/L	ND
Chloride, Dissolved	EPA 300.0	mg/L	16,800
Chlorinated Pesticides and PCB (EPA 508)	EPA 508	µg/L	-
Color, Apparent (Unfiltered)	SM2120B	Color Units	ND
Copper	EPA 200.7	µg/L	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	526.03
Total Anions	Calculation	Meq/L	526.03
Dissolved Cations	Calculation	Meq/L	509.32
Total Cations	Calculation	Meq/L	489.40
Fluoride, Dissolved	EPA 300.0	mg/L	0.5
Hardness (as CaCO3)	SM2340B/Calc	mg/L	5,600
Hydroxide	SM2320B	mg/L	ND
Iodide	EPA 9056M	µg/L	ND
Iron	EPA 200.7	µg/L	ND
Iron, Dissolved	EPA 200.7	µg/L	ND
Total Kjeldahl Nitrogen, Dissolved	SM4500-NH3 B,C,E & EPA 350.1	mg/L	ND
Lead, Total	EPA 200.8	µg/L	ND
Lithium	EPA 200.8	µg/L	87
Magnesium	EPA 200.7	mg/L	1,070
Magnesium, Dissolved	EPA 200.7	mg/L	1,120
Manganese, Dissolved	EPA 200.7	µg/L	ND
Manganese, Total	EPA 200.7	µg/L	ND
MBAS (Surfactants)	SM5540C	mg/L	ND
Nitrate as N	EPA 300.0	mg/L	1.3
Nitrate as NO3	EPA 300.0	mg/L	5.6
Nitrate+Nitrite as N	EPA 300.0	mg/L	1.3
Nitrite as NO2-N, Dissolved	EPA 300.0	mg/L	ND
Odor Threshold at 60 C	SM2150B	TON	1
o-Phosphate-P	Hach 8048 & EPA 365.1	mg/L	0.07
pH (Field Test)	SM4500-H+B	pH	7.06
pH (Laboratory)	SM4500-H+B	pH (H)	7.4
Phenoxy Acid Herbicides (515.3)	EPA 515.3	µg/L	-
Phosphorus, Dissolved Total	HACH 8190 & EPA 365.1	mg/L	0.08
Potassium	EPA 200.7	mg/L	274
Potassium, Dissolved	EPA 200.7	mg/L	285
QC Ratio TDS/SEC	Calculation	-	0.67
Reg. Org. Compounds (EPA 525)	EPA 525	µg/L	-
Salinity	SM2520B	psu	28.8
Silica as SiO2, Dissolved	EPA 200.7	mg/L	16
Sodium	EPA 200.7	mg/L	8,510
Sodium, Dissolved	EPA 200.7	mg/L	8,890
Specific Conductance (E.C)	SM2510B	µmhos/cm	44,640
Specific Conductance (E.C) (Field)	SM2510B	µmhos/cm	45,680
Strontium, Dissolved	EPA 200.8	µg/L	7,280
Sulfate, Dissolved	EPA 300.0	mg/L	2,360
Temperature (Field)	SM2550	° C	15.1
Total Diss. Solids	SM2540C	mg/L	29,900
Turbidity	EPA 180.1	NTU	0.20
Turbidity (Field)	EPA 180.1	NTU	0.13
Volatile Org. Compounds (524)	EPA 524	µg/L	-
Zinc	EPA 200.7	µg/L	ND
Zinc, Total	EPA 200.8	µg/L	-
PCBs, Total	EPA 508	µg/L	-
Total PCB	EPA 1668C	pg/L	-

Notes:

°C = Degrees Celsius
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only.

APPENDICES



APPENDIX A-1

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

8-Dec-14



CALIFORNIA COASTAL COMMISSION

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

**COASTAL DEVELOPMENT PERMIT**

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

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

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

CHARLES LESTER
Executive Director

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

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

Permit A-3-MRA-14-0050

December 8, 2014

Page 2 of 12

Acknowledgment:

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

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

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

12/8/14
Date


Signature of Permittee or Representative

STANDARD CONDITIONS

This permit is subject to the following standard conditions:

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

SPECIAL CONDITIONS

This permit is subject to the following special conditions:

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

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

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

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

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

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

5. Hazardous Material Spill Prevention and Response.

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

- o Descriptions of the special-status species with potential to occur in the project area;
- o Habitat requirements and life histories of those species as they relate to the project;
- o Avoidance, minimization, and mitigation measures that will be implemented to avoid impacts to the species and their habitats;
- o Identification of the regulatory agencies and regulations that manage their protection; and,
- o Consequences that may result from unauthorized impacts or take of special-status species and their habitats.

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

14. Protection of Biological Resources – Pre-Construction and Pre-Disturbance

Surveys. The approved biologist(s) shall conduct pre-construction surveys for special-status species as described below:

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

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

- c. The approved biologist(s) shall conduct surveys for Monterey spineflower and buckwheat (host plant for Smith's blue butterfly) within all project disturbance areas and within 20 feet of project boundaries during the blooming period for the spineflower (April-June) to identify and record the most current known locations of these species in the project vicinity. Surveys shall be conducted by a qualified botanist, and shall include collection of Global Positioning System (GPS) data points for use during flagging of sensitive plant species locations and avoidance buffers prior to construction.
- d. Starting no later than February 1 of each year of project construction, operation, and decommissioning, the approved biologist(s) shall conduct breeding and nesting surveys of sensitive avian species within 500 feet of the project footprint. The approved biologist(s) shall continue those surveys at least once per week during periods of project construction, well re-packing, and decommissioning that occur between February 1 and October 1 each year.

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

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

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

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

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

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

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

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

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

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

APPENDIX A-2

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

13-Oct-15



CALIFORNIA COASTAL COMMISSION

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



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

COASTAL DEVELOPMENT PERMIT AMENDMENT

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

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

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

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

CHARLES LESTER
Executive Director

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

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

Acknowledgment:

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

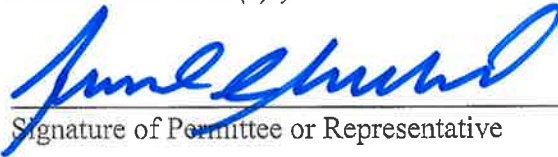
The undersigned permittee(s) acknowledges that Government Code Section 818.4, which states in pertinent part, that: "A public entity is not liable for injury caused by the issuance...of any permit..." applies to the issuance of this permit.

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

Date

10/13/15

Signature of Permittee or Representative



SPECIAL CONDITIONS

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

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

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

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

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

APPENDIX B
Groundwater Level and Salinity Instrument Data
7-February-18 - 14-February-18



Report Date:	2/16/2018 10:41		
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_2018-02-15_14-49-06-684-BaroMerge.wsl		
Create Date	2/16/2018 10:40		

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		
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		
Specific Gravity	1.024		

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: 12% 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		
8/24/2017 8:30	Log Download - Used Battery: 10% Used Memory: 14% User Name: AVanHaitsma Interval - Start Time: 8/16/2017 10:00:00 PM Stop Time: 8/24/2017 9:15:00 AM		
9/1/2017 15:33	Log Download - Used Battery: 10% Used Memory: 14% User Name: WMassoll Interval - Start Time: 7/31/2017 10:00:00 PM Stop Time: 9/1/2017 3:30:00 PM		
9/7/2017 15:00	Log Download - Used Battery: 10% Used Memory: 15% User Name: WMassoll Interval - Start Time: 8/31/2017 10:00:00 PM Stop Time: 9/7/2017 3:20:00 PM		
9/14/2017 9:00	Log Download - Used Battery: 11% Used Memory: 15% User Name: AVanHaitsma Interval - Start Time: 9/6/2017 10:00:00 PM Stop Time: 9/14/2017 10:00:00 AM		
9/20/2017 16:42	Log Download - Used Battery: 11% Used Memory: 17% User Name: AVanHaitsma Interval - Start Time: 9/13/2017 10:00:00 PM Stop Time: 9/20/2017 7:15:00 PM		
9/21/2017 8:45	Log Download - Used Battery: 11% Used Memory: 17% User Name: AVanHaitsma Interval - Start Time: 9/13/2017 10:00:00 PM Stop Time: 9/21/2017 9:45:00 AM		
9/28/2017 14:13	Log Download - Used Battery: 11% Used Memory: 17% User Name: WMassoll Interval - Start Time: 9/20/2017 10:00:00 PM Stop Time: 9/28/2017 3:00:00 AM		
10/5/2017 14:58	Log Download - Used Battery: 12% Used Memory: 18% User Name: WMassoll Interval - Start Time: 8/31/2017 10:00:00 PM Stop Time: 10/5/2017 5:00:00 PM		
10/5/2017 15:01	Log Download - Used Battery: 12% Used Memory: 18% User Name: WMassoll Interval - Start Time: 10/5/2017 2:45:00 PM		
10/12/2017 8:54	Log Download - Used Battery: 12% Used Memory: 18% User Name: AVanHaitsma Interval - Start Time: 10/4/2017 10:00:00 PM Stop Time: 10/12/2017 9:45:00 AM		
10/19/2017 9:38	Log Download - Used Battery: 13% Used Memory: 20% User Name: AVanHaitsma Interval - Start Time: 10/11/2017 10:00:00 PM Stop Time: 10/19/2017 10:30:00 AM		
10/26/2017 13:22	Log Download - Used Battery: 13% Used Memory: 20% User Name: WMassoll Interval - Start Time: 10/18/2017 10:00:00 PM Stop Time: 10/26/2017 2:15:00 PM		
11/2/2017 15:21	Log Download - Used Battery: 13% Used Memory: 21% User Name: WMassoll Interval - Start Time: 9/30/2017 10:00:00 PM Stop Time: 11/2/2017 4:00:00 PM		
11/9/2017 9:15	Log Download - Used Battery: 14% Used Memory: 23% User Name: AVanHaitsma Interval - Start Time: 11/1/2017 10:00:00 PM Stop Time: 11/9/2017 10:15:00 AM		
11/16/2017 13:06	Log Download - Used Battery: 14% Used Memory: 23% User Name: WMassoll Interval - Start Time: 11/9/2017 10:15:00 AM Stop Time: 11/16/2017 1:30:00 PM		
11/16/2017 13:58	Log Download - Used Battery: 14% Used Memory: 23% User Name: WMassoll Interval - Start Time: 11/8/2017 10:00:00 PM Stop Time: 11/16/2017 1:45:00 PM		
11/23/2017 9:20	Log Download - Used Battery: 14% Used Memory: 25% User Name: AVanHaitsma Interval - Start Time: 11/15/2017 10:00:00 PM Stop Time: 11/23/2017 10:15:00 AM		
12/1/2017 15:41	Log Download - Used Battery: 15% Used Memory: 25% User Name: AVanHaitsma Interval - Start Time: 10/31/2017 10:00:00 PM Stop Time: 12/1/2017 4:30:00 PM		
12/7/2017 15:24	Log Download - Used Battery: 15% Used Memory: 26% User Name: AVanHaitsma Interval - Start Time: 11/29/2017 10:00:00 PM Stop Time: 12/7/2017 4:45:00 PM		
12/14/2017 14:12	Log Download - Used Battery: 15% Used Memory: 26% User Name: WMassoll Interval - Start Time: 12/6/2017 10:00:00 PM Stop Time: 12/14/2017 3:00:00 PM		
12/21/2017 13:31	Log Download - Used Battery: 16% Used Memory: 28% User Name: AVanHaitsma Interval - Start Time: 12/13/2017 10:00:00 PM Stop Time: 12/21/2017 2:30:00 PM		
12/21/2017 14:34	Log Download - Used Battery: 16% Used Memory: 28% User Name: AVanHaitsma Interval - Start Time: 12/13/2017 10:00:00 PM Stop Time: 12/21/2017 3:15:00 PM		
12/21/2017 16:54	Log Download - Used Battery: 16% Used Memory: 28% User Name: AVanHaitsma Interval - Start Time: 12/13/2017 10:00:00 PM Stop Time: 12/21/2017 6:45:00 PM		
1/4/2018 14:48	Log Download - Used Battery: 17% Used Memory: 29% User Name: WMassoll Interval - Start Time: 11/30/2017 10:00:00 PM Stop Time: 1/4/2018 2:45:00 PM		
1/11/2018 14:12	Log Download - Used Battery: 17% Used Memory: 29% User Name: WMassoll Interval - Start Time: 1/1/2018 10:00:00 PM Stop Time: 1/11/2018 3:00:00 PM		
1/11/2018 15:24	Log Download - Used Battery: 17% Used Memory: 29% User Name: AVanHaitsma Interval - Start Time: 1/3/2018 10:00:00 PM Stop Time: 1/11/2018 3:45:00 PM		
1/18/2018 12:27	Log Download - Used Battery: 17% Used Memory: 31% User Name: WMassoll Interval - Start Time: 1/10/2018 10:00:00 PM Stop Time: 1/18/2018 2:15:00 PM		
1/26/2018 13:10	Log Download - Used Battery: 18% Used Memory: 31% User Name: WMassoll Interval - Start Time: 1/17/2018 10:00:00 PM Stop Time: 1/26/2018 1:15:00 PM		
2/2/2018 12:11	Log Download - Used Battery: 18% Used Memory: 32% User Name: WMassoll Interval - Start Time: 12/31/2017 10:00:00 PM Stop Time: 2/2/2018 4:45:00 PM		
2/8/2018 13:52	Log Download - Used Battery: 18% Used Memory: 32% User Name: AVanHaitsma Interval - Start Time: 1/31/2018 10:00:00 PM Stop Time: 2/8/2018 2:15:00 PM		
2/15/2018 14:48	Log Download - Used Battery: 19% Used Memory: 34% User Name: AVanHaitsma Interval - Start Time: 2/1/2018 10:00:00 PM Stop Time: 2/15/2018 3:45:00 PM		
2/16/2018 10:40	User Note: "Pressure & Level adjusted by baro data from: "MPWSP Barotroll_2018-02-15_16-52-45-921.wsl""		

Log Data:			
Record Count	740		

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

Time Zone: Pacific Standard Time			
	Sensor: PCTD(A) 658.7ft SNR: 482723	Sensor: PCTD(A) 658.7ft SNR: 482723	Sensor: PCTD(A) 658.7ft SNR: 482723
	Corrected Pressure (PSI)	Temperature (C)	Corrected Depth (ft)
Date and Time	Elapsed Time Seconds		
2/8/2018 0:00	7200	121.981	19.233
2/8/2018 0:15	8100	122.002	19.235
2/8/2018 0:30	9000	122.017	19.236
2/8/2018 0:45	9900	122.05	19.236
2/8/2018 1:00	10800	122.05	19.237
2/8/2018 1:15	11700	122.088	19.236
2/8/2018 1:30	12600	122.126	19.236
2/8/2018 1:45	13500	122.132	19.237
2/8/2018 2:00	14400	122.165	19.242
2/8/2018 2:15	15300	122.197	19.254
2/8/2018 2:30	16200	122.216	19.248
2/8/2018 2:45	17100	122.248	19.244
2/8/2018 3:00	18000	122.282	19.237
2/8/2018 3:15	18900	122.303	19.235
2/8/2018 3:30	19800	122.326	19.229
2/8/2018 3:45	20700	122.374	19.227
2/8/2018 4:00	21600	122.35	19.228
2/8/2018 4:15	22500	122.363	19.226
2/8/2018 4:30	23400	122.371	19.229
2/8/2018 4:45	24300	122.384	19.226
2/8/2018 5:00	25200	122.375	19.222
2/8/2018 5:15	26100	122.385	19.227
2/8/2018 5:30	27000	122.368	19.229
2/8/2018 5:45	27900	122.356	19.23
2/8/2018 6:00	28800	122.347	19.228
2/8/2018 6:15	29700	122.323	19.228
2/8/2018 6:30	30600	122.316	19.225
2/8/2018 6:45	31500	122.285	19.229
2/8/2018 7:00	32400	122.27	19.229
2/8/2018 7:15	33300	122.228	19.228
2/8/2018 7:30	34200	122.191	19.227
2/8/2018 7:45	35100	122.169	19.228
2/8/2018 8:00	36000	122.142	19.226
2/8/2018 8:15	36900	122.081	19.23
2/8/2018 8:30	37800	122.044	19.234
2/8/2018 8:45	38700	122.048	19.229
2/8/2018 9:00	39600	121.978	19.227
2/8/2018 9:15	40500	121.946	19.222
2/8/2018 9:30	41400	121.917	19.218
2/8/2018 9:45	42300	121.87	19.214
2/8/2018 10:00	43200	121.842	19.226
2/8/2018 10:15	44100	121.815	19.24
2/8/2018 10:30	45000	121.798	19.242
2/8/2018 10:45	45900	121.749	19.241
2/8/2018 11:00	46800	121.734	19.24
2/8/2018 11:15	47700	121.71	19.24
2/8/2018 11:30	48600	121.704	19.239
2/8/2018 11:45	49500	121.697	19.237
2/8/2018 12:00	50400	121.669	19.237
2/8/2018 12:15	51300	121.688	19.236
2/8/2018 12:30	52200	121.716	19.235
2/8/2018 12:45	53100	121.671	19.235
2/8/2018 13:00	54000	121.692	19.232
2/8/2018 13:15	54900	121.69	19.231
2/8/2018 13:30	55800	121.715	19.231
2/8/2018 13:45	56700	121.713	19.23
2/8/2018 14:00	57600	121.674	19.246
2/8/2018 14:15	58500	121.711	19.242
2/8/2018 14:30	59400	121.717	19.242
2/8/2018 14:45	60300	121.739	19.24
2/8/2018 15:00	61200	121.76	19.238
2/8/2018 15:15	62100	121.779	19.238
2/8/2018 15:30	63000	121.808	19.238
2/8/2018 15:45	63900	121.817	19.237
2/8/2018 16:00	64800	121.845	19.236

2/8/2018 21:30	84600	121.897	19219	274.586	38335.891	43094.336	27.996	29.304	26.085	1.02	14.781
2/8/2018 21:45	85500	121.882	19216	274.55	38270.566	43023.723	27.945	29.256	26.13	1.02	14.78
2/8/2018 22:00	86400	121.859	19.22	274.499	38156.574	42891.398	27.85	29.166	26.208	1.02	14.788
2/8/2018 22:15	87300	121.873	19.217	274.531	38113.445	42846.285	27.817	29.135	26.237	1.019	14.778
2/8/2018 22:30	88200	121.863	19.217	274.509	38039.52	42763.098	27.757	29.079	26.288	1.019	14.788
2/8/2018 22:45	89100	121.851	19.216	274.481	37985.016	42702.316	27.713	29.038	26.326	1.019	14.787
2/8/2018 23:00	90000	121.853	19.22	274.485	37947.941	42657.866	27.681	29.007	26.352	1.007	14.783
2/8/2018 23:15	90900	121.846	19.219	274.47	37867.445	42567.91	27.617	28.946	26.408	1.019	14.786
2/8/2018 23:30	91800	121.848	19.213	274.474	37875.852	42582.848	27.627	28.956	26.402	1.019	14.786
2/8/2018 23:45	92700	121.848	19.215	274.474	37858.094	42561.137	27.611	28.942	26.414	1.019	14.784
2/9/2018 0:00	93600	121.866	19.217	274.514	37839.125	42537.59	27.595	28.926	26.428	1.019	14.781
2/9/2018 0:15	94500	121.864	19.214	274.511	37805.5	42502.25	27.569	28.902	26.451	1.019	14.778
2/9/2018 0:30	95400	121.871	19.217	274.526	37809.473	42504.254	27.571	28.903	26.448	1.019	14.782
2/9/2018 0:45	96300	121.884	19.215	274.556	37809.98	42507.133	27.573	28.905	26.489	1.005	14.799
2/9/2018 1:00	97200	121.912	19.209	274.62	37818.68	42521.848	27.583	28.915	26.442	1.019	14.77
2/9/2018 1:15	98100	121.934	19.211	274.668	37814.117	42514.813	27.578	28.91	26.445	1.019	14.774
2/9/2018 1:30	99000	121.953	19.207	274.711	37796.059	42498.473	27.566	28.899	26.458	1.019	14.774
2/9/2018 1:45	99900	121.956	19.204	274.719	37806.973	42513.539	27.577	28.909	26.45	1.019	14.777
2/9/2018 2:00	100800	122.006	19.202	274.83	37793.801	42500.723	27.567	28.9	26.459	1.019	14.763
2/9/2018 2:15	101700	122.025	19.223	275.47	37788.988	42469.852	27.543	28.88	26.463	1.002	14.772
2/9/2018 2:30	102600	122.043	19.199	274.913	37817.922	42530.559	27.589	28.921	26.442	1.019	14.766
2/9/2018 2:45	103500	122.068	19.217	274.97	37850.117	42549.539	27.603	28.934	26.42	1.019	14.766
2/9/2018 3:00	104400	122.09	19.247	275.019	37897.035	42575.18	27.623	28.951	26.387	1.019	14.759
2/9/2018 3:15	105300	122.112	19.249	275.069	37934.688	42615.578	27.652	28.979	26.361	1.019	14.767
2/9/2018 3:30	106200	122.144	19.271	275.142	37986.563	42653.98	27.681	29.005	26.325	1.019	14.763
2/9/2018 3:45	107100	122.157	19.265	275.171	37973.117	42644.297	27.673	28.998	26.334	1.019	14.762
2/9/2018 4:00	108000	122.181	19.245	275.225	37975.578	42665.18	27.688	29.012	26.333	1.019	14.761
2/9/2018 4:15	108900	122.212	19.235	275.294	37944.641	42640	27.669	28.995	26.354	1.019	14.757
2/9/2018 4:30	109800	122.243	19.227	275.364	37931.93	42633.051	27.664	28.99	26.363	1.019	14.751
2/9/2018 4:45	110700	122.255	19.223	275.392	37884.785	42583.406	27.628	28.957	26.396	1.019	14.757
2/9/2018 5:00	111600	122.273	19.225	275.432	37871.543	42566.695	27.616	28.945	26.405	1.019	14.753
2/9/2018 5:15	112500	122.278	19.222	275.443	37806.172	42496.164	27.565	28.897	26.451	1.019	14.755
2/9/2018 5:30	113400	122.29	19.223	275.47	37788.988	42469.852	27.546	28.88	26.463	1.019	14.753
2/9/2018 5:45	114300	122.294	19.22	275.48	37749.281	42434.203	27.52	28.855	26.491	1.019	14.752
2/9/2018 6:00	115200	122.298	19.225	275.487	37670.75	42340.934	27.453	28.792	26.546	1.019	14.75
2/9/2018 6:15	116100	122.284	19.232	275.458	37619	42276.121	27.407	28.748	26.582	1.019	14.752
2/9/2018 6:30	117000	122.267	19.231	275.418	37557.73	42208.219	27.358	28.702	26.626	1.019	14.752
2/9/2018 6:45	117900	122.265	19.226	275.414	37508.438	42157.383	27.321	28.667	26.661	1.019	14.748
2/9/2018 7:00	118800	122.23	19.228	275.335	37442.82	42081.746	27.267	28.616	26.707	1.019	14.754
2/9/2018 7:15	119700	122.217	19.236	275.306	37375.273	42005.806	27.212	28.564	26.756	1.019	14.76
2/9/2018 7:30	120600	122.193	19.232	275.251	37311.098	41930.25	27.158	28.513	26.802	1.019	14.765
2/9/2018 7:45	121500	122.162	19.225	275.181	37266.051	41886.535	27.126	28.483	26.834	1.019	14.765
2/9/2018 8:00	122400	122.132	19.227	275.115	37203.059	41813.848	27.074	28.433	26.88	1.019	14.762
2/9/2018 8:15	123300	122.097	19.228	275.037	37158.852	41763.234	27.038	28.399	26.911	1.019	14.771
2/9/2018 8:30	124200	122.06	19.235	274.953	37081.813	41670.246	26.971	28.336	26.967	1.019	14.767
2/9/2018 8:45	125100	122.029	19.244	274.883	37071.234	41608.02	26.909	28.334	26.975	1.019	14.767
2/9/2018 9:00	126000	121.986	19.232	274.786	37032.957	41617.914	26.934	28.3	27.003	1.019	14.764
2/9/2018 9:15	126900	121.959	19.231	274.726	37002.32	41584.105	26.909	28.277	27.025	1.019	14.762
2/9/2018 9:30	127800	121.909	19.23	274.612	36991.656	41573.754	26.902	28.27	27.033	1.019	14.771
2/9/2018 9:45	128700	121.863	19.234	274.508	36951.031	41523.668	26.866	28.236	27.063	1.019	14.768
2/9/2018 10:00	129600	121.833	19.222	274.441	36928.441	41509.152	26.855	28.226	27.079	1.019	14.762
2/9/2018 10:15	130500	121.788	19.222	274.339	36951.578	41535.555	26.874	28.244	27.062	1.019	14.764
2/9/2018 10:30	131400	121.756	19.224	274.268	36949.793	41535.18	26.874	28.244	27.064	1.019	14.764
2/9/2018 10:45	132300	121.699	19.22	274.138	36937.773	41521.516	26.864	28.235	27.073	1.019	14.765
2/9/2018 11:00	133200	121.693	19.209	274.124	36943.801	41538.242	26.876	28.246	27.068	1.019	14.761
2/9/2018 11:15	134100	121.65	19.21	274.029	36964.047	41560.223	26.891	28.261	27.053	1.019	14.763
2/9/2018 11:30	135000	121.608	19.248	273.935	37016.594	41585.668	26.911	28.278	27.015	1.019	14.755
2/9/2018 11:45	135900	121.571	19.254	273.851	37085.871	41657.801	26.963	28.327	26.964	1.019	14.758
2/9/2018 12:00	136800	121.56	19.253	273.825	37103.406	41790.23	27.058	28.417	26.979	1.019	14.779
2/9/2018 12:15	137700	121.527	19.253	273.751	37241.703	41834.098	27.09	28.447	26.852	1.019	14.748
2/9/2018 12:30	138600	121.538	19.251	273.776	37320.266	41923.293	27.154	28.508	26.795	1.019	14.749
2/9/2018 12:45	139500	121.496	19.25	273.682	37356.035	41964.574	27.184	28.536	26.769	1.019	14.743
2/9/2018 13:00	140400	121.493	19.248	273.676	37452.695	42075.055	27.263	28.611	26.7	1.019	14.737
2/9/2018 13:15	141300	121.474	19.247	273.632	37456.672	42181.566	27.339	28.683	26.634	1.019	14.734
2/9/2018 13:30	142200	121.471	19.247	273.626	37614.543	42258.371	27.395	28.736	26.585	1.019	14.735
2/9/2018 13:45	143100	121.471	19.245	273.626	37695.813	42351.326	27.462	28.799	26.528	1.019	14.738
2/9/2018 14:00	144000	121.487	19.244	273.66	37756.582	42420.25	27.511	28.846	26.485	1.019	14.728
2/9/2018 14:15	144900	121.504	19.242	273.7	37847.336	42524.047	27.586	28.916	26.422	1.019	14.724
2/9/2018 14:30	145800	121.514	19.241	273.723	37930.668	42618.707	27.654	28.981	26.364	1.019	14.723
2/9/2018 14:45	146700	121.53	19.239	273.758	38001.555	42699.871	27.712	29.036	26.315	1.019	14.727
2/9/2018 15:00	147600	121.554	19.237	273.812	38078.957	42788.527	27.776	29.096	26.261	1.019	14.725
2/9/2018 15:15	148500	121.556	19.237	273.817	38127.051	42839.871	27.852	29.168	26.197	1.019	14.73
2/9/2018 15:30	149400	121.594	19.236	273.902	38234.555	42964.738	27.903	29.216	26.154	1.02	14.721
2/9/2018 15:45	150300	121.616	19.235	273.952	38328.203	43071.094	27.98	29.288	26.09	1.02	14.721
2/9/2018 16:00	151200	121.632	19.233	273.989	38389.164	43141.227	28.031	29.336	26.049	1.02	14.721
2/9/2018 16:15	152100	121.666	19.232	274.064	38469.805	43232.406	28.096	29.398	25.994	1.02	14.72
2/9/2018 16:30	153000	121.692	19.232	274.124	38528.094	43298.246	28.144	29.443	25.955	1.02	14.723
2/9/2018 16:45	153900	121.722	19.23	274.19	38587.887	43367.141	28.194	29.49	25.915	1.02	14.715
2/9/2018 17:00	154800	121.75	19.229	274.255	38669.996	43460.152	28.261	29.553	25.86	1.019	14.714
2/9/2018 17:15	155700	121.772	19.228	274.303	38713.242	43509.809	28.297	29.587	25.831	1.02	14.715
2/9/2018 17:30	156600	121.801	19.228	274.368	38748.711	43549.602	28.326	29.614	25.807	1.02	14.717
2/9/2018 17:45	157500	121.827	19.227	274.427	38822.879	43634.172	28.387	29.671	25.758	1.02	14.712
2/9/2018 18:00	158400	121.842	19.226	274.461	38858.664	43675.621	28.417	29.699	25.734	1.0	

2/11/2018 1:30	271800	121.739	19.2	274.229	38477.598	43271.535	28.123	29.425	25.989	1.02	14.712
2/11/2018 1:45	272700	121.745	19.201	274.244	38400.566	43183.371	28.06	29.365	26.041	1.02	14.706
2/11/2018 2:00	273600	121.726	19.199	274.2	38357.563	43136.871	28.026	29.333	26.07	1.02	14.72
2/11/2018 2:15	274500	121.74	19.197	274.231	38338.246	43117.578	28.012	29.32	26.084	1.02	14.717
2/11/2018 2:30	275400	121.736	19.197	274.222	38298.555	43072.77	27.98	29.289	26.111	1.02	14.713
2/11/2018 2:45	276300	121.791	19.2	274.347	38226.695	42988.973	27.919	29.233	26.16	1.02	14.702
2/11/2018 3:00	277200	121.777	19.199	274.314	38177.777	42912.082	27.908	29.222	26.17	1.02	14.714
2/11/2018 3:15	278100	121.807	19.2	274.381	38157.586	42911.652	27.864	29.18	26.207	1.02	14.714
2/11/2018 3:30	279000	121.807	19.194	274.381	38128.477	42884.23	27.844	29.161	26.227	1.02	14.719
2/11/2018 3:45	279900	121.842	19.195	274.462	38189.543	42952.113	27.893	29.207	26.185	1.02	14.717
2/11/2018 4:00	280800	121.859	19.194	274.499	38089.879	42840.48	27.812	29.132	26.254	1.019	14.718
2/11/2018 4:15	281700	121.923	19.2	274.643	38129.188	42879.23	27.84	29.158	26.227	1.02	14.714
2/11/2018 4:30	282600	121.927	19.196	274.652	38111.406	42862.855	27.828	29.147	26.239	1.02	14.711
2/11/2018 4:45	283500	121.98	19.198	274.72	38124.816	42876.312	27.838	29.156	26.23	1.02	14.716
2/11/2018 5:00	284400	121.98	19.196	274.773	38116.656	42869.242	27.833	29.151	26.235	1.02	14.709
2/11/2018 5:15	285300	121.999	19.197	274.814	38114.52	42865.961	27.831	29.149	26.237	1.02	14.708
2/11/2018 5:30	286200	122.044	19.198	274.915	38130.809	42882.996	27.843	29.16	26.226	1.02	14.708
2/11/2018 5:45	287100	122.072	19.211	274.979	38119.727	42858.801	27.826	29.144	26.233	1.019	14.713
2/11/2018 6:00	288000	122.117	19.199	275.08	38127.063	42878.129	27.839	29.157	26.228	1.02	14.7
2/11/2018 6:15	288900	122.008	19.211	275.113	38147.797	42897.165	27.853	29.17	26.214	1.02	14.714
2/11/2018 6:30	289800	122.148	19.201	275.15	38110.922	42858.059	27.825	29.143	26.239	1.019	14.705
2/11/2018 6:45	290700	122.152	19.205	275.16	38100.934	42843.133	27.814	29.133	26.246	1.019	14.714
2/11/2018 7:00	291600	122.161	19.201	275.181	38109.469	42856.02	27.824	29.142	26.24	1.019	14.713
2/11/2018 7:15	292500	122.181	19.203	275.225	38037.137	42772.91	27.764	29.086	26.29	1.019	14.712
2/11/2018 7:30	293400	122.162	19.205	275.182	38018.164	42750.223	27.747	29.07	26.303	1.019	14.716
2/11/2018 7:45	294300	122.166	19.207	275.192	37957.313	42679.723	27.697	29.022	26.345	1.019	14.711
2/11/2018 8:00	295200	122.161	19.205	275.18	37925.523	42646.121	27.672	28.999	26.367	1.019	14.707
2/11/2018 8:15	296100	122.122	19.208	275.091	37847.039	42554.367	27.606	28.937	26.422	1.019	14.717
2/11/2018 8:30	297000	122.123	19.207	275.094	37767.613	42466.574	27.543	28.877	26.478	1.019	14.717
2/11/2018 8:45	297900	122.094	19.21	275.03	37693.262	42380.035	27.481	28.818	26.53	1.019	14.711
2/11/2018 9:00	298800	122.071	19.211	274.976	37603.023	42277.313	27.407	28.749	26.594	1.019	14.724
2/11/2018 9:15	299700	122.041	19.212	274.91	37579.418	42250.379	27.388	28.73	26.61	1.019	14.713
2/11/2018 9:30	300600	122.008	19.21	274.835	37500.961	42163.586	27.325	28.671	26.666	1.019	14.714
2/11/2018 9:45	301500	121.956	19.213	274.719	37428.566	42079.91	27.265	28.614	26.718	1.019	14.715
2/11/2018 10:00	302400	121.925	19.21	274.648	37348.566	41992.246	27.202	28.555	26.775	1.019	14.714
2/11/2018 10:15	303300	121.874	19.213	274.533	37313.438	41950.473	27.172	28.526	26.8	1.019	14.715
2/11/2018 10:30	304200	121.833	19.21	274.441	37276.996	41912.395	27.144	28.5	26.826	1.019	14.712
2/11/2018 10:45	305100	121.765	19.213	274.289	37189.266	41810.871	27.072	28.431	26.889	1.019	14.717
2/11/2018 11:00	306000	121.721	19.214	274.188	37141.676	41756.504	27.033	28.394	26.924	1.019	14.719
2/11/2018 11:15	306900	121.661	19.216	274.054	37152.836	41768.66	27.041	28.316	26.911	1.019	14.712
2/11/2018 11:30	307800	121.631	19.212	273.987	37111.742	41724.02	27.009	28.372	26.946	1.019	14.709
2/11/2018 11:45	308700	121.58	19.208	273.87	37074.969	41686.965	26.982	28.347	26.972	1.019	14.717
2/11/2018 12:00	309600	121.518	19.213	273.732	37076.906	41684.078	26.98	28.345	26.971	1.019	14.711
2/11/2018 12:15	310500	121.479	19.211	273.643	37048.809	41654.984	26.959	28.325	26.991	1.019	14.704
2/11/2018 12:30	311400	121.446	19.203	273.568	37072.383	41688.281	26.983	28.348	26.974	1.019	14.7
2/11/2018 12:45	312300	121.372	19.196	273.402	37063.969	41685.145	26.981	28.346	26.98	1.019	14.695
2/11/2018 13:00	313200	121.327	19.193	273.302	37050.445	41672.195	26.971	28.337	26.99	1.019	14.702
2/11/2018 13:15	314100	121.318	19.187	273.28	37062.992	41691.699	26.985	28.35	26.981	1.019	14.695
2/11/2018 13:30	315000	121.288	19.192	273.214	37059.195	41682.973	26.979	28.344	26.984	1.019	14.687
2/11/2018 13:45	315900	121.291	19.202	273.219	37095.523	41714.691	27.002	28.366	26.957	1.019	14.674
2/11/2018 14:00	316800	121.266	19.227	273.163	37172.34	41779.082	27.049	28.41	26.902	1.019	14.665
2/11/2018 14:15	317700	121.244	19.228	273.113	37235.598	41848.723	27.1	28.458	26.856	1.019	14.665
2/11/2018 14:30	318600	121.225	19.227	273.072	37265.754	41996.793	27.066	28.558	26.762	1.019	14.658
2/11/2018 14:45	319500	121.233	19.226	273.089	37426.59	42066.109	27.256	28.605	26.719	1.019	14.656
2/11/2018 15:00	320400	121.232	19.224	273.088	37514.453	42166.047	27.327	28.673	26.656	1.019	14.665
2/11/2018 15:15	321300	121.222	19.223	273.063	37619.602	42285.188	27.413	28.754	26.582	1.019	14.669
2/11/2018 15:30	322200	121.235	19.222	273.093	37718.152	42396.902	27.494	28.83	26.512	1.019	14.672
2/11/2018 15:45	323100	121.249	19.221	273.125	37778.738	42466.363	27.543	28.877	26.47	1.019	14.662
2/11/2018 16:00	324000	121.265	19.22	273.158	37882.02	42583.19	27.627	28.956	26.398	1.019	14.668
2/11/2018 16:15	324900	121.304	19.219	273.249	37951.805	42662.336	27.685	29.01	26.349	1.019	14.666
2/11/2018 16:30	325800	121.308	19.218	273.258	38051.41	42775.113	27.766	29.087	26.28	1.019	14.674
2/11/2018 16:45	326700	121.356	19.218	273.365	38140.527	42875.848	27.838	29.156	26.219	1.02	14.671
2/11/2018 17:00	327600	121.36	19.216	273.376	38166.285	42906.098	27.86	29.176	26.201	1.02	14.669
2/11/2018 17:15	328500	121.402	19.216	273.471	38260.352	43012.238	27.937	29.248	26.137	1.02	14.669
2/11/2018 17:30	329400	121.44	19.215	273.554	38335.082	43096.734	27.998	29.306	26.086	1.02	14.666
2/11/2018 17:45	330300	121.475	19.217	273.633	38407.355	43179.233	28.057	29.362	26.037	1.02	14.662
2/11/2018 18:00	331200	121.515	19.214	273.724	38472.645	43253.004	28.111	29.412	25.992	1.02	14.671
2/11/2018 18:15	332100	121.547	19.213	273.797	38530.73	43319.043	28.158	29.457	25.953	1.02	14.667
2/11/2018 18:30	333000	121.572	19.212	273.853	38620.375	43420.637	28.232	29.526	25.893	1.02	14.67
2/11/2018 18:45	333900	121.621	19.211	273.964	38686.363	43495.648	28.286	29.577	25.849	1.02	14.669
2/11/2018 19:00	334800	121.62	19.211	273.961	38720.445	43534.453	28.314	29.603	25.826	1.02	14.676
2/11/2018 19:15	335700	121.684	19.21	274.105	38771.188	43591.943	28.355	29.643	25.792	1.02	14.683
2/11/2018 19:30	336600	121.705	19.209	274.151	38831.621	43660.508	28.405	29.689	25.752	1.02	14.676
2/11/2018 19:45	337500	121.709	19.209	274.161	38886.484	43723.012	28.45	29.732	25.716	1.02	14.672
2/11/2018 20:00	338400	121.763	19.207	274.283	38920.352	43762.324	28.478	29.758	25.693	1.02	14.67
2/11/2018 20:15	339300	121.755	19.207	274.265	38958.168	43804.602	28.509	29.787	25.669	1.02	14.673
2/11/2018 20:30	340200	121.776	19.206	274.313	39004.359	43857.684	28.547	29.823	25.638	1.02	14.679
2/11/2018 20:45	341100	121.801	19.207	274.368	39070.684	43932.016	28.601	29.874	25.595	1.02	14.677
2/11/2018 21:00	342000	121.815	19.206	274.401	39079.402	43942.234	28.609	29.881	25.589	1.02	14.681
2/11/2018 21:15	342900	121.824	19.208	274.421	39128.895	43995.902	28.648	29.917	25.557	1.02	14.67
2/11/2018 21:30	343800	121.802	19.234	274.371	39156.926	44002.621	28.654	29.922	25.538	1.02	14.676
2/11/2018 21:45	344700	121.829	19.239	274.432	39174.117	44017.578	28.665	29.932	25.527	1.02	14.669
2/11/2018 22:00	345600	121.81	19.231								

2/13/2018 5:30	459000	121.828	19.174	274.43	39487.195	44431.305	28.962	30.213	25.325	1.02	14.761
2/13/2018 5:45	459900	121.841	19.175	274.459	39460.555	44400.664	28.939	30.192	25.342	1.02	14.764
2/13/2018 6:00	460800	121.909	19.18	274.613	39464.219	44399.629	28.939	30.192	25.339	1.02	14.764
2/13/2018 6:15	461700	121.905	19.188	274.603	39478.137	44407.551	28.945	30.197	25.33	1.02	14.772
2/13/2018 6:30	462600	121.943	19.175	274.689	39447.801	44386.148	28.929	30.183	25.35	1.02	14.774
2/13/2018 6:45	463500	122.008	19.176	274.835	39458.418	44397.098	28.937	30.19	25.343	1.02	14.779
2/13/2018 7:00	464400	122.002	19.169	274.824	39469.156	44416.082	28.95	30.203	25.336	1.02	14.779
2/13/2018 7:15	465300	122.034	19.176	274.893	39455.684	44393.941	28.935	30.188	25.345	1.02	14.782
2/13/2018 7:30	466200	122.038	19.176	274.902	39422.984	44356.902	28.908	30.163	25.366	1.02	14.786
2/13/2018 7:45	467100	122.058	19.172	274.948	39454.055	44395.848	28.936	30.189	25.346	1.02	14.793
2/13/2018 8:00	468000	122.113	19.174	275.073	39457.895	44398.09	28.938	30.191	25.343	1.02	14.791
2/13/2018 8:15	468900	122.109	19.186	275.062	39472.352	44403.457	28.942	30.194	25.334	1.02	14.794
2/13/2018 8:30	469800	122.074	19.173	274.984	39443.445	44384.566	28.928	30.182	25.353	1.02	14.8
2/13/2018 8:45	470700	122.101	19.176	275.045	39406.668	44339.195	28.895	30.151	25.376	1.02	14.799
2/13/2018 9:00	471600	122.083	19.171	275.004	39437.379	44378.582	28.923	30.177	25.357	1.02	14.801
2/13/2018 9:15	472500	122.081	19.175	275	39435.164	44371.434	28.918	30.173	25.358	1.02	14.804
2/13/2018 9:30	473400	122.062	19.175	274.956	39441.219	44378.32	28.923	30.177	25.354	1.02	14.805
2/13/2018 9:45	474300	122.049	19.166	274.928	39406.977	44348.277	28.901	30.157	25.376	1.02	14.798
2/13/2018 10:00	475200	122.025	19.162	274.874	39431.254	44379.672	28.924	30.178	25.361	1.02	14.804
2/13/2018 10:15	476100	121.993	19.17	274.8	39430.813	44372.023	28.919	30.173	25.361	1.02	14.807
2/13/2018 10:30	477000	121.957	19.167	274.719	39437.215	44381.559	28.925	30.179	25.357	1.02	14.804
2/13/2018 10:45	477900	121.896	19.169	274.583	39404.188	44342.555	28.897	30.153	25.378	1.02	14.808
2/13/2018 11:00	478800	121.887	19.171	274.562	39400.363	44336.086	28.893	30.149	25.38	1.02	14.803
2/13/2018 11:15	479700	121.847	19.17	274.473	39384.203	44318.824	28.88	30.137	25.391	1.02	14.804
2/13/2018 11:30	480600	121.775	19.165	274.311	39372.965	44311.16	28.874	30.132	25.398	1.02	14.799
2/13/2018 11:45	481500	121.706	19.161	274.155	39336.535	44274.145	28.847	30.106	25.422	1.02	14.803
2/13/2018 12:00	482400	121.658	19.165	274.046	39324.715	44257.512	28.835	30.095	25.429	1.02	14.795
2/13/2018 12:15	483300	121.619	19.166	273.959	39282.113	44208.418	28.8	30.062	25.457	1.02	14.797
2/13/2018 12:30	484200	121.549	19.168	273.8	39245.031	44164.539	28.768	30.032	25.481	1.02	14.796
2/13/2018 12:45	485100	121.49	19.167	273.668	39202.832	44118.203	28.734	30	25.508	1.02	14.789
2/13/2018 13:00	486000	121.441	19.169	273.557	39168.879	44077.758	28.705	29.973	25.53	1.02	14.79
2/13/2018 13:15	486900	121.391	19.166	273.444	39142.836	44051.176	28.686	29.955	25.547	1.02	14.786
2/13/2018 13:30	487800	121.343	19.163	273.336	39127.559	44037.289	28.676	29.945	25.557	1.02	14.79
2/13/2018 13:45	488700	121.281	19.167	273.198	39026.637	43919.836	28.591	29.865	25.624	1.02	14.785
2/13/2018 14:00	489600	121.248	19.16	273.123	39044.285	43946.617	28.61	29.884	25.612	1.02	14.782
2/13/2018 14:15	490500	121.223	19.164	273.067	38971.059	43859.992	28.547	29.825	25.66	1.02	14.783
2/13/2018 14:30	491400	121.188	19.161	272.988	38961.953	43852.543	28.542	29.82	25.666	1.02	14.776
2/13/2018 14:45	492300	121.145	19.167	272.89	38931.215	43812.449	28.513	29.792	25.686	1.02	14.784
2/13/2018 15:00	493200	121.146	19.164	272.893	38940.559	43825.859	28.523	29.802	25.68	1.02	14.784
2/13/2018 15:15	494100	121.104	19.16	272.799	38909.199	43794.316	28.5	29.78	25.701	1.02	14.785
2/13/2018 15:30	495000	121.089	19.163	272.765	38864.164	43740.922	28.461	29.744	25.731	1.02	14.788
2/13/2018 15:45	495900	121.076	19.16	272.735	38846.277	43723.582	28.448	29.732	25.742	1.02	14.79
2/13/2018 16:00	496800	121.07	19.165	272.723	38836	43706.93	28.437	29.721	25.749	1.02	14.789
2/13/2018 16:15	497700	121.063	19.162	272.706	38806.785	43676.836	28.415	29.7	25.769	1.02	14.793
2/13/2018 16:30	498600	121.072	19.159	272.726	38823.598	43698.707	28.43	29.715	25.758	1.02	14.79
2/13/2018 16:45	499500	121.095	19.162	272.777	38800.137	43669.434	28.409	29.695	25.773	1.02	14.794
2/13/2018 17:00	500400	121.119	19.165	272.833	38798.586	43665.387	28.407	29.692	25.774	1.02	14.792
2/13/2018 17:15	501300	121.137	19.163	272.872	38825.676	43697.691	28.43	29.714	25.756	1.02	14.797
2/13/2018 17:30	502200	121.164	19.157	272.934	38815.754	43692.004	28.425	29.711	25.763	1.02	14.795
2/13/2018 17:45	503100	121.19	19.153	272.991	38819.273	43699.488	28.431	29.716	25.76	1.02	14.797
2/13/2018 18:00	504000	121.227	19.153	273.075	38824.426	43705.215	28.435	29.72	25.757	1.02	14.803
2/13/2018 18:15	504900	121.272	19.15	273.177	38806.309	43687.523	28.422	29.708	25.769	1.02	14.795
2/13/2018 18:30	505800	121.304	19.147	273.25	38804.191	43688.414	28.422	29.708	25.77	1.02	14.801
2/13/2018 18:45	506700	121.341	19.148	273.332	38816.918	43701.676	28.432	29.717	25.762	1.02	14.795
2/13/2018 19:00	507600	121.375	19.143	273.409	38794.563	43681.18	28.417	29.703	25.777	1.02	14.807
2/13/2018 19:15	508500	121.437	19.138	273.549	38820.891	43715.082	28.441	29.726	25.759	1.02	14.806
2/13/2018 19:30	509400	121.466	19.141	273.614	38811.547	43702.188	28.432	29.717	25.766	1.02	14.806
2/13/2018 19:45	510300	121.499	19.14	273.689	38819.121	43712.016	28.439	29.724	25.76	1.02	14.809
2/13/2018 20:00	511200	121.538	19.137	273.778	38823.965	43725.278	28.448	29.733	25.757	1.02	14.817
2/13/2018 20:15	512100	121.584	19.131	273.881	38794.516	43692.676	28.425	29.711	25.777	1.02	14.81
2/13/2018 20:30	513000	121.611	19.126	273.941	38813.332	43718.043	28.443	29.728	25.764	1.02	14.815
2/13/2018 20:45	513900	121.636	19.14	273.997	38825.09	43718.262	28.444	29.728	25.757	1.02	14.813
2/13/2018 21:00	514800	121.673	19.168	274.079	38900.5	43777.309	28.488	29.769	25.707	1.02	14.811
2/13/2018 21:15	515700	121.678	19.172	274.091	38941.27	43818.836	28.518	29.797	25.68	1.02	14.816
2/13/2018 21:30	516600	121.739	19.173	274.23	38965.926	43845.59	28.537	29.815	25.663	1.02	14.816
2/13/2018 21:45	517500	121.796	19.175	274.354	39016.023	43901.623	28.578	29.853	25.63	1.02	14.83
2/13/2018 22:00	518400	121.722	19.174	274.19	39049.406	43939.199	28.605	29.879	25.609	1.02	14.819
2/13/2018 22:15	519300	121.728	19.173	274.205	39117.195	44015.645	28.66	29.931	25.564	1.02	14.819
2/13/2018 22:30	520200	121.735	19.173	274.22	39139.566	44041.059	28.679	29.948	25.55	1.02	14.818
2/13/2018 22:45	521100	121.735	19.173	274.221	39180.496	44087.355	28.712	29.979	25.523	1.02	14.825
2/13/2018 23:00	522000	121.728	19.173	274.205	39254.582	44170.645	28.773	30.036	25.475	1.02	14.822
2/13/2018 23:15	522900	121.745	19.171	274.243	39239.457	44154.643	28.761	30.025	25.485	1.02	14.805
2/13/2018 23:30	523800	121.692	19.171	274.123	39301.355	44224.852	28.812	30.073	25.444	1.02	14.828
2/13/2018 23:45	524700	121.689	19.171	274.116	39322.281	44248.57	28.829	30.089	25.431	1.02	14.82
2/14/2018 0:00	525600	121.669	19.17	274.071	39327.059	44255.102	28.834	30.093	25.428	1.02	14.824
2/14/2018 0:15	526500	121.663	19.169	274.058	39373.727	44308.109	28.872	30.13	25.398	1.02	14.821
2/14/2018 0:30	527400	121.629	19.169	273.982	39387.387	44323.402	28.883	30.14	25.389	1.02	14.823
2/14/2018 0:45	528300	121.614	19.168	273.948	39421.988	44363.25	28.912	30.167	25.367	1.02	14.818
2/14/2018 1:00	529200	121.596	19.167	273.907	39424.484	44367.007	28.915	30.17	25.365	1.02	14.805
2/14/2018 1:15	530100	121.589	19.167	273.892	39457.367	44404.82	28.942	30.195	25.344	1.02	14.824
2/14/2018 1:30	531000	121.572	19.166	273.852	39480.262	44431.34	28.961	30.213	25.329	1.02	14.819
2/14/2018 1:45	531900	121.53	19.165	273.757	39472.918	44423.477	28.956	30.208	25.334	1.02	14.826
2/14/2018 2:00	532800	121.531	19.165	273.761	39529.254	44487.133					

Report Date: 2/16/2018 10:41
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_2018-02-15_14-51-09-145-BaroMerge.wsl
Create Date 2/16/2018 10:40

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 8 Even 1 (Modbus-RTU)
Used Memory 0
Used Battery 2

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

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

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

Log Notes:
Date and Time Note
11/10/2016 8:52 Used Battery: 2% Used Memory: 3% User Name: Skuiper
11/10/2016 11:02 Log Download - Used Battery: 2% Used Memory: 3% User Name: Skuiper Interval - Start Time: 11/10/2016 10:00:00 AM Stop Time: 11/10/2016 11:45:00 AM
11/17/2016 8:37 Log Download - Used Battery: 2% Used Memory: 3% User Name: Skuiper Interval - Start Time: 11/9/2016 10:00:00 PM Stop Time: 11/17/2016 9:30:00 AM
11/24/2016 16:02 Log Download - Used Battery: 3% Used Memory: 4% User Name: Skuiper Interval - Start Time: 11/15/2016 10:00:00 PM Stop Time: 11/24/2016 4:00:00 PM
12/1/2016 12:18 Log Download - Used Battery: 3% Used Memory: 4% User Name: Skuiper Interval - Start Time: 10/31/2016 10:00:00 AM Stop Time: 12/1/2016 1:15:00 PM
12/8/2016 12:36 Log Download - Used Battery: 3% Used Memory: 6% User Name: Skuiper Interval - Start Time: 11/30/2016 10:00:00 PM Stop Time: 12/8/2016 12:30:00 PM
12/15/2016 10:45 Log Download - Used Battery: 4% Used Memory: 6% User Name: Skuiper Interval - Start Time: 12/7/2016 10:00:00 PM Stop Time: 12/15/2016 10:45:00 AM
12/22/2016 19:38 Log Download - Used Battery: 4% Used Memory: 7% User Name: ANorris Interval - Start Time: 12/14/2016 10:00:00 PM Stop Time: 12/22/2016 8:30:00 PM
1/5/2017 15:38 Log Download - Used Battery: 5% Used Memory: 9% User Name: Skuiper Interval - Start Time: 11/30/2016 10:00:00 PM Stop Time: 1/5/2017 3:30:00 PM
1/12/2017 9:06 Log Download - Used Battery: 5% Used Memory: 9% User Name: Skuiper Interval - Start Time: 1/4/2017 10:00:00 PM Stop Time: 1/12/2017 9:45:00 AM
1/19/2017 8:30 Log Download - Used Battery: 5% Used Memory: 10% User Name: EHernandez Interval - Start Time: 1/11/2017 10:00:00 PM Stop Time: 1/19/2017 9:15:00 AM
1/26/2017 13:43 Log Download - Used Battery: 6% Used Memory: 10% User Name: Skuiper Interval - Start Time: 1/18/2017 10:00:00 PM Stop Time: 1/26/2017 2:30:00 PM
2/2/2017 8:15 Log Download - Used Battery: 6% Used Memory: 12% User Name: WMassoll Interval - Start Time: 12/31/2016 10:00:00 PM Stop Time: 2/2/2017 8:15:00 AM
2/9/2017 10:32 Log Download - Used Battery: 7% Used Memory: 12% User Name: EHernandez Interval - Start Time: 2/1/2017 12:00:00 AM Stop Time: 2/9/2017 10:30:00 AM
2/16/2017 14:14 Log Download - Used Battery: 7% Used Memory: 14% User Name: WMassoll Interval - Start Time: 2/8/2017 10:00:00 PM Stop Time: 2/16/2017 3:00:00 PM
2/23/2017 7:43 Log Download - Used Battery: 7% Used Memory: 14% User Name: EHernandez Interval - Start Time: 2/15/2017 12:00:00 AM Stop Time: 2/23/2017 8:30:00 AM
3/2/2017 10:50 Log Download - Used Battery: 8% Used Memory: 15% User Name: Skuiper Interval - Start Time: 1/31/2017 10:00:00 PM Stop Time: 3/2/2017 11:45:00 AM
3/9/2017 16:30 Log Download - Used Battery: 8% Used Memory: 15% User Name: WMassoll Interval - Start Time: 3/1/2017 11:30:00 PM Stop Time: 3/9/2017 5:30:00 PM
3/16/2017 17:38 Log Download - Used Battery: 8% Used Memory: 17% User Name: WMassoll Interval - Start Time: 3/8/2017 10:00:00 PM Stop Time: 3/16/2017 6:30:00 PM
3/23/2017 10:21 Log Download - Used Battery: 9% Used Memory: 17% User Name: AVanHaitsma Interval - Start Time: 3/15/2017 10:00:00 PM Stop Time: 3/23/2017 11:15:00 AM
3/30/2017 8:08 Log Download - Used Battery: 9% Used Memory: 18% User Name: AVanHaitsma Interval - Start Time: 3/22/2017 10:00:00 PM Stop Time: 3/30/2017 8:00:00 AM
4/6/2017 15:36 Log Download - Used Battery: 9% Used Memory: 20% User Name: WMassoll Interval - Start Time: 2/28/2017 12:00:00 PM Stop Time: 4/6/2017 4:30:00 PM
4/13/2017 14:48 Log Download - Used Battery: 10% Used Memory: 20% User Name: Skuiper Interval - Start Time: 4/5/2017 10:00:00 PM Stop Time: 4/13/2017 2:45:00 PM
4/20/2017 8:12 Log Download - Used Battery: 10% Used Memory: 21% User Name: AVanHaitsma Interval - Start Time: 4/12/2017 10:00:00 PM Stop Time: 4/20/2017 9:00:00 AM
4/27/2017 14:18 Log Download - Used Battery: 11% Used Memory: 21% User Name: WMassoll Interval - Start Time: 4/19/2017 10:00:00 PM Stop Time: 4/27/2017 3:15:00 PM
5/4/2017 8:09 Log Download - Used Battery: 11% Used Memory: 23% User Name: AVanHaitsma Interval - Start Time: 3/31/2017 10:00:00 PM Stop Time: 5/4/2017 9:00:00 AM
5/11/2017 8:21 Log Download - Used Battery: 11% Used Memory: 23% User Name: AVanHaitsma Interval - Start Time: 5/3/2017 10:00:00 PM Stop Time: 5/11/2017 8:15:00 AM
5/18/2017 8:25 Log Download - Used Battery: 12% Used Memory: 25% User Name: WMassoll Interval - Start Time: 5/10/2017 10:00:00 PM Stop Time: 5/18/2017 9:15:00 AM
5/25/2017 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
8/24/2017 8:33 Log Download - Used Battery: 17% Used Memory: 35% User Name: AVanHaitsma Interval - Start Time: 8/16/2017 10:00:00 PM Stop Time: 8/24/2017 9:30:00 AM
9/1/2017 15:38 Log Download - Used Battery: 17% Used Memory: 37% User Name: WMassoll Interval - Start Time: 7/31/2017 10:00:00 PM Stop Time: 9/1/2017 4:30:00 PM
9/7/2017 15:05 Log Download - Used Battery: 17% Used Memory: 37% User Name: WMassoll Interval - Start Time: 8/31/2017 10:00:00 PM Stop Time: 9/7/2017 3:00:00 PM
9/14/2017 9:04 Log Download - Used Battery: 18% Used Memory: 39% User Name: AVanHaitsma Interval - Start Time: 9/6/2017 10:00:00 PM Stop Time: 9/14/2017 10:00:00 AM
9/21/2017 8:49 Log Download - Used Battery: 18% Used Memory: 39% User Name: AVanHaitsma Interval - Start Time: 9/13/2017 10:00:00 PM Stop Time: 9/21/2017 9:45:00 AM
9/28/2017 14:10 Log Download - Used Battery: 18% Used Memory: 40% User Name: WMassoll Interval - Start Time: 9/20/2017 10:00:00 PM Stop Time: 9/28/2017 3:00:00 PM
10/5/2017 15:04 Log Download - Used Battery: 19% Used Memory: 40% User Name: WMassoll Interval - Start Time: 10/5/2017 2:45:00 PM Stop Time: 10/5/2017 4:00:00 PM
10/5/2017 15:06 Log Download - Used Battery: 19% Used Memory: 40% User Name: WMassoll Interval - Start Time: 8/31/2017 10:00:00 PM Stop Time: 10/5/2017 3:00:00 PM
10/12/2017 8:58 Log Download - Used Battery: 19% Used Memory: 42% User Name: AVanHaitsma Interval - Start Time: 10/4/2017 10:00:00 PM Stop Time: 10/12/2017 9:45:00 AM
10/19/2017 9:42 Log Download - Used Battery: 20% Used Memory: 42% User Name: AVanHaitsma Interval - Start Time: 10/11/2017 10:00:00 PM Stop Time: 10/19/2017 10:30:00 AM
10/26/2017 13:27 Log Download - Used Battery: 20% Used Memory: 43% User Name: WMassoll Interval - Start Time: 10/18/2017 10:00:00 PM Stop Time: 10/26/2017 2:15:00 PM
11/2/2017 15:27 Log Download - Used Battery: 20% Used Memory: 43% User Name: WMassoll Interval - Start Time: 9/30/2017 10:00:00 PM Stop Time: 11/2/2017 3:15:00 PM
11/9/2017 9:19 Log Download - Used Battery: 21% Used Memory: 45% User Name: AVanHaitsma Interval - Start Time: 11/1/2017 10:00:00 PM Stop Time: 11/9/2017 10:15:00 AM
11/16/2017 13:09 Log Download - Used Battery: 21% Used Memory: 45% User Name: WMassoll Interval - Start Time: 11/9/2017 10:15:00 AM Stop Time: 11/16/2017 2:00:00 PM
11/16/2017 14:02 Log Download - Used Battery: 21% Used Memory: 45% User Name: WMassoll Interval - Start Time: 11/8/2017 10:00:00 PM Stop Time: 11/16/2017 2:45:00 PM
11/23/2017 9:24 Log Download - Used Battery: 21% Used Memory: 46% User Name: AVanHaitsma Interval - Start Time: 11/15/2017 10:00:00 PM Stop Time: 11/23/2017 10:15:00 AM
12/1/2017 15:46 Log Download - Used Battery: 22% Used Memory: 46% User Name: AVanHaitsma Interval - Start Time: 10/31/2017 10:00:00 PM Stop Time: 12/1/2017 4:45:00 PM
12/7/2017 15:29 Log Download - Used Battery: 22% Used Memory: 48% User Name: WMassoll Interval - Start Time: 11/29/2017 10:00:00 PM Stop Time: 12/7/2017 4:15:00 PM
12/14/2017 14:16 Log Download - Used Battery: 22% Used Memory: 48% User Name: WMassoll Interval - Start Time: 12/6/2017 10:00:00 PM Stop Time: 12/14/2017 2:15:00 PM
2/16/2018 10:40 User Note: "Pressure & Level adjusted by baro data from: "MPWSP Barotroll_2018-02-15_16-52-45-921.wsl""

Log Data:
Record Count 740

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

Time Zone: Pacific Standard 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: 469248		SNR: 469248		SNR: 469248		SNR: 469248		SNR: 469248		SNR: 469248		SNR: 000000			
		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)						
2/8/2018 0:00	7200	68.305	15.521	153.865	41643.734	50849.805	33.431	34.578	24.013	1025	14.84						
2/8/2018 0:15	8100	68.314	15.522	153.884	41645.715	50851.289	33.432	34.579	24.012	1025	14.832						
2/8/2018 0:30	9000	68.308	15.522	153.871	41649.797	50856.582	33.436	34.582	24.01	1025	14.839						
2/8/2018 0:45	9900	68.313	15.522	153.882	41639.848	50843.895	33.427	34.574	24.015	1025	14.835						
2/8/2018 1:00	10800	68.313	15.522	153.881	41654.129	50861.027	33.44	34.586	24.007	1025	14.838						
2/8/2018 1:15	11700	68.321	15.522	153.899	41666.836	50877.273	33.451	34.597	24	1025	14.834						
2/8/2018 1:30	12600	68.325	15.522	153.906	41659.34	50856.824	33.436	34.583	24.025	1025	14.832						
2/8/2018 1:45	13500	68.327	15.522	153.914	41663.855	50873.527	33.449	34.594	24.002	1025	14.836						
2/8/2018 2:00	14400	68.335	15.522	153.93	41666.457	50877.121	33.451	34.596	24	1025	14.829						
2/8/2018 2:15	15300	68.344	15.522	153.952	41670.855	50881.875	33.455	34.6	23.998	1025	14.826						
2/8/2018 2:30	16200	68.347	15.522	153.959	41687.234	50901.758	33.469	34.613	23.988	1025	14.828						
2/8/2018 2:45	17100	68.373	15.522	154.016	41652.727	50859.852	33.439	34.585	24.008	1025	14.833						
2/8/2018 3:00	18000	68.362	15.522	153.993	41631.035	50833.363	33.419	34.567	24.021	1025	14.827						
2/8/2018 3:15	18900	68.366	15.522	154.009	41657.609	50866.216	33.443	34.589	24.005	1025	14.827						
2/8/2018 3:30	19800	68.374	15.521	154.019	41657.848	50866.727	33.444	34.589	24.005	1025	14.824						
2/8/2018 3:45	20700	68.389	15.521	154.054	41610.637	50809.691	33.402	34.551	24.032	1025	14.82						
2/8/2018 4:00	21600	68.389	15.52	154.054	41642.82	50849.617	33.431	34.578	24.014	1025	14.827						
2/8/2018 4:15	22500	68.398	15.52	154.073	41692.516	50911.031	33.476	34.62	23.985	1025	14.832						
2/8/2018 4:30	23400	68.416	15.52	154.115	41647.227	50855.957	33.436	34.582	24.011	1025	14.822						
2/8/2018 4:45	24300	68.417	15.519	154.117	41664.277	50877.086	33.451	34.596	24.001	1025	14.827						
2/8/2018 5:00	25200	68.423	15.519	154.129	41642.438	50850.734	33.432	34.579	24.014	1025	14.827						
2/8/2018 5:15	26100	68.426	15.518	154.137	41653.758	50866.023	33.443	34.589	24.007	1025	14.827						
2/8/2018 5:30	27000	68.432	15.518	154.149	41652.66	50864.367	33.442	34.588	24.008	1025	14.827						
2/8/2018 5:45	27900	68.436	15.517	154.158	41662.688	50877.66	33.451	34.597	24.002	1025	14.829						
2/8/2018 6:00	28800	68.435	15.517	154.157	41671.891	50888.898	33.46	34.604	23.997	1025	14.832						
2/8/2018 6:15	29700	68.444	15.517	154.177	41642.863	50854.176	33.434	34.581	24.014	1025	14.826						
2/8/2018 6:30	30600	68.446	15.516	154.181	41649.825	50863.582	33.441	34.587	24.01	1025	14.826						
2/8/2018 6:45	31500	68.443	15.516	154.174	41655.078	50870.348	33.446	34.592	24.007	1025	14.834						
2/8/2018 7:00	32400	68.447	15.516	154.183	41638.938	50850.43	33.431	34.578	24.016	1025	14.828						
2/8/2018 7:15	33300	68.447	15.515	154.184	41661.645	50879.004	33.452	34.598	24.003	1025	14.832						
2/8/2018 7:30	34200	68.447	15.514	154.184	41682.281	50905.156	33.471	34.616	23.991	1025	14.832						
2/8/2018 7:45	35100	68.444	15.514	154.177	41646.305	50861.418	33.439	34.586	24.012	1025	14.836						
2/8/2018 8:00	36000	68.448	15.514	154.187	41631.453	50842.965	33.426	34.573	24.02	1025	14.827						
2/8/2018 8:15	36900	68.441	15.514	154.171	41630.078	50841.82	33.425	34.572	24.021	1025	14.838						
2/8/2018 8:30	37800	68.437	15.514	154.161	41641.715	50822.84	33.411	34.56	24.03	1025	14.837						
2/8/2018 8:45	38700	68.432	15.514	154.149	41638.945	50852.965	33.433	34.58	24.016	1025	14.838						
2/8/2018 9:00	39600	68.43	15.513	154.146	41650.48	50867.461	33.444	34.59	24.009	1025	14.84						
2/8/2018 9:15	40500	68.425	15.513	154.134	41650.477	50867.246	33.443	34.59	24.009	1025	14.839						
2/8/2018 9:30	41400	68.422	15.514	154.128	41633.594	50846.43	33.428	34.576	24.019	1025	14.841						
2/8/2018 9:45	42300	68.418	15.513	154.117	41635.965	50850.059	33.431	34.578	24.018	1025	14.847						
2/8/2018 10:00	43200	68.414	15.514	154.109	41690.918	50916.121	33.479	34.623	23.986	1025	14.837						
2/8/2018 10:15	44100	68.401	15.514	154.08	41664.57	50884.258	33.456	34.601	24.001	1025	14.835						
2/8/2018 10:30	45000	68.403	15.514	154.085	41669.199	50889.492	33.46	34.605	23.999	1025	14.828						
2/8/2018 10:45	45900	68.383	15.514	154.039	41654.305	50871.723	33.447	34.593	24.007	1025	14.836						
2/8/2018 11:00	46800	68.379	15.514	154.029	41634.461	50846.527	33.428	34.576	24.019	1025	14.828						
2/8/2018 11:15	47700	68.367	15.514	154.004	41673.93	50895.055	33.464	34.609	23.996	1025	14.826						
2/8/2018 11:30	48600	68.355	15.515	153.971	41671.438	50891.492	33.461	34.606	23.997	1025	14.821						
2/8/2018 11:45	49500	68.358	15.515	153.983	41700.141	50926.02	33.487	34.63	23.981	1025	14.817						
2/8/2018 12:00	50400	68.346	15.515	153.957	41698.703	50924.578	33.486	34.629	23.982	1025	14.817						
2/8/2018 12:15	51300	68.345	15.516	153.954	41662.992	50879.906	33.453	34.598	24.002	1025	14.802						
2/8/2018 12:30	52200	68.328	15.516	153.916	41680.133	50900.738	33.468	34.613	23.992	1025	14.804						
2/8/2018 12:45	53100	68.333	15.517	153.926	41688.367	50909.426	33.475	34.618	23.988	1025	14.795						
2/8/2018 13:00	54000	68.322	15.518	153.903	41675.207	50892.641	33.462	34.607	23.995	1025	14.79						
2/8/2018 13:15	54900	68.32	15.518	153.899	41653.648	50865.891	33.443	34.589	24.006	1025	14.783						
2/8/2018 13:30	55800	68.312	15.517	153.879	41677.117	50895.48	33.464	34.609	23.994	1025	14.786						
2/8/2018 13:45	56700	68.3	15.518	153.853	41680.125	50898.113	33.466	34.611	23.992	1025	14.784						
2/8/2018 14:00	57600	68.301	15.52	153.855	41708.473	50930.836	33.491	34.633	23.976	1025	14.783						
2/8/2018 14:15	58500	68.302	15.518	153.858	41722.523	50949.363	33.504	34.646	23.968	1025	14.774						
2/8/2018 14:30	59400	68.298	15.519	153.848	41675.52	50909.656	33.462	34.606	23.995	1025	14.776						
2/8/2018 14:45	60300	68.289	15.519	153.829	41714.969	50939.195	33.497	34.639	23.972	1025	14.781						
2/8/2018 15:00	61200	68.289	15.52	153.828	41715.957	50939.461	33.497	34.639	23.972	1025	14.775						
2/8/2018 15:15	62100	68.286	15.52	153.82	41698.203	50917.461	33.481	34.624	23.982	1025	14.778						
2/8/2018 15:30	63000	68.29	15.521	153.83	41720.152	50943.738	33.5	34.642	23.969	1025	14.774						
2/8/2018 15:45	63900	68.286	15.521	153.822	41687.23	50903.023	33.47	34.614	23.988	1025	14.775						
2/8/2018 16:00	64800	68.287	15.521	153.823	41732.09	50957.397	33.51	34.651	23.962	1025	14.773						
2/8/2018 16:15	65700	68.284	15.521	153.816	41721.977	50945.867	33.502	34.643	23.968	1025	14.774						
2/8/2018 16:30	66600	68.286	15.522	153.822	41722.414	50944.711	33.501	34.642	23.968	1025	14.766						
2/8/2018 16:45	67500	68.278	15.522	153.802	41727.887	50951.395	33.506	34.647	23.965	1025	14.778						
2/8/2018 17:00	68400	68.28	15.522	153.807	41702.199	50920.656	33.483	34.626	23.98	1025	14.781						
2/8/2018 17:15	69300	68.28	15.522	153.807	41716.559	50937.793	33.496	34.638	23.971	1025	14.778						
2/8/2018 17:30	70200	68.287	15.523	153.822	41753.613	50982.285	33.529	34.668	23.95	1025	14.772						

2/8/2018 17:45	71100	68.285	15.523	153.819	41730.852	50954.391	33.508	34.649	23.963	1.025	14.778
2/8/2018 18:00	72000	68.29	15.523	153.829	41739.332	50964.211	33.515	34.656	23.958	1.025	14.768
2/8/2018 18:15	72900	68.288	15.522	153.824	41735.957	50961.48	33.513	34.654	23.96	1.025	14.773
2/8/2018 18:30	73800	68.284	15.523	153.816	41709.473	50928.387	33.489	34.631	23.975	1.025	14.776
2/8/2018 18:45	74700	68.285	15.523	153.818	41706.656	50924.629	33.486	34.629	23.977	1.025	14.775
2/8/2018 19:00	75600	68.29	15.523	153.83	41701.953	50918.492	33.482	34.625	23.98	1.025	14.771
2/8/2018 19:15	76500	68.283	15.523	153.813	41738.345	50953.664	33.515	34.655	23.959	1.025	14.776
2/8/2018 19:30	77400	68.288	15.523	153.825	41714.926	50935.047	33.494	34.636	23.972	1.025	14.775
2/8/2018 19:45	78300	68.294	15.523	153.84	41744.984	50971.031	33.52	34.66	23.955	1.025	14.767
2/8/2018 20:00	79200	68.277	15.523	153.799	41703.027	50920	33.483	34.626	23.979	1.025	14.773
2/8/2018 20:15	80100	68.287	15.523	153.824	41725.289	50946.754	33.503	34.644	23.966	1.025	14.776
2/8/2018 20:30	81000	68.286	15.523	153.821	41690.875	50905.16	33.472	34.616	23.986	1.025	14.779
2/8/2018 20:45	81900	68.287	15.524	153.824	41749.801	50976.475	33.524	34.664	23.952	1.025	14.774
2/8/2018 21:00	82800	68.291	15.523	153.812	41768.738	51000.434	33.542	34.68	23.941	1.025	14.791
2/8/2018 21:15	83700	68.28	15.524	153.808	41752.332	50979.676	33.527	34.666	23.951	1.025	14.776
2/8/2018 21:30	84600	68.28	15.523	153.806	41725.691	50947.477	33.503	34.644	23.966	1.025	14.781
2/8/2018 21:45	85500	68.28	15.524	153.808	41750.547	50976.973	33.525	34.664	23.952	1.025	14.78
2/8/2018 22:00	86400	68.268	15.523	153.78	41746.512	50972.98	33.522	34.662	23.954	1.025	14.788
2/8/2018 22:15	87300	68.284	15.524	153.817	41728.426	50949.762	33.505	34.646	23.964	1.025	14.778
2/8/2018 22:30	88200	68.268	15.524	153.781	41755.895	50936.899	33.513	34.669	23.949	1.025	14.796
2/8/2018 22:45	89100	68.269	15.523	153.783	41767.836	50999.016	33.541	34.679	23.942	1.025	14.787
2/8/2018 23:00	90000	68.267	15.524	153.779	41758.266	50986.086	33.532	34.671	23.947	1.025	14.783
2/8/2018 23:15	90900	68.26	15.524	153.763	41731.363	50953.645	33.508	34.648	23.963	1.025	14.786
2/8/2018 23:30	91800	68.261	15.524	153.764	41720.047	50939.621	33.497	34.639	23.969	1.025	14.786
2/8/2018 23:45	92700	68.264	15.525	153.772	41754.043	50980.504	33.527	34.667	23.95	1.025	14.784
2/9/2018 0:00	93600	68.264	15.524	153.771	41732.773	50955.16	33.509	34.65	23.962	1.025	14.781
2/9/2018 0:15	94500	68.265	15.524	153.774	41738.156	50961.414	33.513	34.654	23.959	1.025	14.778
2/9/2018 0:30	95400	68.258	15.525	153.758	41734.801	50956.586	33.51	34.65	23.961	1.025	14.782
2/9/2018 0:45	96300	68.264	15.525	153.772	41736.688	50959.004	33.512	34.652	23.96	1.025	14.777
2/9/2018 1:00	97200	68.267	15.526	153.777	41728.859	50948.598	33.504	34.645	23.964	1.025	14.77
2/9/2018 1:15	98100	68.27	15.525	153.785	41728.082	50947.875	33.504	34.645	23.965	1.025	14.774
2/9/2018 1:45	99000	68.275	15.525	153.796	41738.535	50961.469	33.514	34.654	23.959	1.025	14.774
2/9/2018 2:00	99900	68.272	15.524	153.789	41718.082	50936.824	33.495	34.637	23.97	1.025	14.777
2/9/2018 2:15	100800	68.286	15.525	153.821	41729.676	50950.328	33.505	34.646	23.964	1.025	14.763
2/9/2018 2:30	101700	68.28	15.526	153.808	41738.074	50959.648	33.512	34.653	23.959	1.025	14.772
2/9/2018 2:45	102600	68.294	15.526	153.838	41704.281	50918.496	33.482	34.625	23.978	1.025	14.766
2/9/2018 2:55	103500	68.295	15.525	153.841	41750.07	50975.453	33.524	34.663	23.952	1.025	14.766
2/9/2018 3:00	104400	68.312	15.525	153.879	41744.098	50968.051	33.518	34.658	23.955	1.025	14.759
2/9/2018 3:15	105300	68.309	15.524	153.872	41737.156	50960.821	33.513	34.653	23.959	1.025	14.767
2/9/2018 3:30	106200	68.317	15.524	153.881	41724.23	50944.332	33.501	34.642	23.961	1.025	14.763
2/9/2018 3:45	107100	68.323	15.524	153.904	41730	50952.199	33.507	34.647	23.964	1.025	14.762
2/9/2018 4:00	108000	68.331	15.524	153.922	41738.051	50961.207	33.513	34.654	23.959	1.025	14.761
2/9/2018 4:15	108900	68.34	15.525	153.943	41713.133	50930.355	33.491	34.633	23.973	1.025	14.757
2/9/2018 4:30	109800	68.349	15.524	153.962	41737.281	50960.871	33.513	34.653	23.959	1.025	14.751
2/9/2018 4:45	110700	68.349	15.524	153.962	41715.316	50934.48	33.494	34.635	23.972	1.025	14.757
2/9/2018 5:00	111600	68.358	15.523	153.984	41705.941	50924.184	33.486	34.628	23.977	1.025	14.753
2/9/2018 5:15	112500	68.364	15.523	153.998	41724.141	50945.777	33.502	34.643	23.967	1.025	14.755
2/9/2018 5:30	113400	68.374	15.523	154.019	41721.551	50942.926	33.5	34.641	23.968	1.025	14.753
2/9/2018 5:45	114300	68.377	15.521	154.025	41703.578	50922.664	33.485	34.627	23.979	1.025	14.752
2/9/2018 6:00	115200	68.381	15.521	154.034	41680.465	50894.344	33.464	34.608	23.992	1.025	14.75
2/9/2018 6:15	116100	68.386	15.521	154.045	41703.695	50923.441	33.485	34.628	23.979	1.025	14.752
2/9/2018 6:30	117000	68.394	15.521	154.063	41711.266	50933.086	33.492	34.635	23.974	1.025	14.752
2/9/2018 6:45	117900	68.401	15.52	154.08	41670.998	50883.512	33.456	34.601	23.996	1.025	14.748
2/9/2018 7:00	118800	68.401	15.52	154.079	41699.227	50919.227	33.482	34.625	23.981	1.025	14.754
2/9/2018 7:15	119700	68.402	15.519	154.082	41738.914	50968.742	33.518	34.659	23.958	1.025	14.765
2/9/2018 7:30	120600	68.399	15.519	154.074	41676.453	50892.469	33.462	34.607	23.994	1.025	14.76
2/9/2018 7:45	121500	68.402	15.519	154.082	41697.492	50917.961	33.481	34.624	23.982	1.025	14.765
2/9/2018 8:00	122400	68.405	15.518	154.089	41702.227	50925.211	33.486	34.629	23.98	1.025	14.762
2/9/2018 8:15	123300	68.406	15.519	154.096	41695.464	50917.105	33.48	34.624	23.983	1.025	14.771
2/9/2018 8:30	124200	68.394	15.517	154.064	41693.355	50915.313	33.479	34.622	23.985	1.025	14.767
2/9/2018 8:45	125100	68.396	15.518	154.07	41697.629	50919.797	33.482	34.625	23.982	1.025	14.767
2/9/2018 9:00	126000	68.402	15.516	154.083	41682.438	50902.93	33.47	34.614	23.991	1.025	14.764
2/9/2018 9:15	126900	68.398	15.517	154.073	41698.762	50921.715	33.484	34.627	23.982	1.025	14.762
2/9/2018 9:30	127800	68.383	15.517	154.038	41681.324	50901.145	33.469	34.613	23.992	1.025	14.771
2/9/2018 9:45	128700	68.382	15.516	154.037	41697.578	50921.828	33.484	34.627	23.982	1.025	14.768
2/9/2018 10:00	129600	68.383	15.517	154.046	41731.781	50928.363	33.514	34.655	23.963	1.025	14.763
2/9/2018 10:15	130500	68.37	15.517	154.009	41747.703	50981.48	33.528	34.667	23.953	1.025	14.764
2/9/2018 10:30	131400	68.359	15.516	153.984	41703.16	50928.031	33.488	34.631	23.979	1.025	14.764
2/9/2018 10:45	132300	68.352	15.516	153.97	41744.992	50979.117	33.526	34.666	23.955	1.025	14.767
2/9/2018 11:00	133200	68.348	15.517	153.961	41719.258	50947.063	33.502	34.644	23.97	1.025	14.761
2/9/2018 11:15	134100	68.331	15.517	153.923	41729.777	50960.418	33.512	34.653	23.964	1.025	14.763
2/9/2018 11:30	135000	68.331	15.517	153.923	41721.191	50938.738	33.496	34.638	23.974	1.025	14.775
2/9/2018 11:45	135900	68.31	15.517	153.875	41732.121	50962.453	33.514	34.654	23.962	1.025	14.758
2/9/2018 12:00	136800	68.308	15.518	153.871	41731.637	50961.445	33.513	34.654	23.963	1.025	14.749
2/9/2018 12:15	137700	68.304	15.518	153.861	41750.523	50984.188	33.53	34.669	23.952	1.025	14.748
2/9/2018 12:30	138600	68.286	15.519	153.822	41731.102	50959.313	33.511	34.652	23.963	1.025	14.749
2/9/2018 12:45	139500	68.278	15.519	153.803	41741.688	50972.238	33.521	34.661	23.957	1.025	14.743
2/9/2018 13:00	140400	68.273	15.519	153.791	41719.836	50945.141	33.501	34.643	23.969	1.025	14.737
2/9/2018 13:15	141300	68.264	15.519	153.772	41747.879	50979.176	33.526	34.666	23.953	1.025	14.746
2/9/2018 13:30	142200	68.255	15.52	153.75	41733.43	50960.348	33.513	34.653	23.962	1.025	14.735
2/9/2018 13:45	143100	68.254	15.521	153.748	41735.363	50962.211	33.514	34.654	23.96	1.025	14.731
2/9/2018 14:00	144000	68.244	15.52	153.726	41747.313	50977.211	33.525	34.665	23.954	1.025	14.728
2/9/2018 14:15	144900	68.244	15.521	153.726	41743.777	50971.652	33.521	34.661	23.956	1.025	14.724
2/9/2018 14:30	145800	68.233									

2/10/2018 21:45	258300	68.22	15.531	153.673	41700.051	50907.027	33.474	34.617	23.981	1.025	14.697
2/10/2018 22:00	259200	68.221	15.531	153.675	41680.406	50883.371	33.457	34.601	23.992	1.025	14.693
2/10/2018 22:15	260100	68.24	15.53	153.718	41682.84	50886.758	33.459	34.603	23.991	1.025	14.698
2/10/2018 22:30	261000	68.225	15.531	153.684	41672.047	50872.84	33.449	34.594	23.997	1.025	14.694
2/10/2018 22:45	261900	68.222	15.53	153.678	41647.074	50843.203	33.427	34.573	24.011	1.025	14.699
2/10/2018 23:00	262800	68.22	15.53	153.672	41679.051	50882.551	33.456	34.6	23.993	1.025	14.701
2/10/2018 23:15	263700	68.22	15.53	153.674	41629.887	50821.966	33.411	34.559	24.021	1.025	14.696
2/10/2018 23:30	264600	68.218	15.53	153.669	41657.66	50856.75	33.437	34.583	24.005	1.025	14.702
2/10/2018 23:45	265500	68.22	15.53	153.673	41640.52	50835.605	33.421	34.568	24.015	1.025	14.702
2/11/2018 0:00	266400	68.215	15.53	153.662	41667.52	50868.895	33.446	34.591	24	1.025	14.704
2/11/2018 0:15	267300	68.223	15.531	153.679	41636.371	50829.82	33.417	34.564	24.017	1.025	14.701
2/11/2018 0:30	268200	68.211	15.529	153.652	41664.855	50865.844	33.444	34.589	24.001	1.025	14.707
2/11/2018 0:45	269100	68.215	15.531	153.661	41645.012	50839.836	33.425	34.571	24.012	1.025	14.711
2/11/2018 1:00	270000	68.21	15.531	153.65	41658.727	50856.695	33.437	34.583	24.037	1.025	14.683
2/11/2018 1:15	270900	68.206	15.531	153.641	41667.484	50867.805	33.445	34.59	24	1.025	14.714
2/11/2018 1:30	271800	68.207	15.53	153.643	41606.945	50794.105	33.391	34.54	24.034	1.025	14.712
2/11/2018 1:45	272700	68.221	15.53	153.674	41708.961	50918.559	33.482	34.625	23.976	1.025	14.706
2/11/2018 2:00	273600	68.203	15.53	153.634	41654.047	50851.816	33.433	34.579	24.007	1.025	14.72
2/11/2018 2:15	274500	68.21	15.53	153.649	41669.633	50870.633	33.447	34.592	23.998	1.025	14.717
2/11/2018 2:30	275400	68.21	15.531	153.678	41666.32	50866.383	33.444	34.589	24	1.025	14.713
2/11/2018 2:45	276300	68.244	15.53	153.726	41655.008	50853.512	33.435	34.58	24.007	1.025	14.702
2/11/2018 3:00	277200	68.218	15.531	153.667	41677.121	50879.262	33.454	34.598	23.994	1.025	14.714
2/11/2018 3:15	278100	68.218	15.53	153.668	41660.16	50859.379	33.439	34.584	24.004	1.025	14.714
2/11/2018 3:30	279000	68.217	15.531	153.665	41634.781	50827.773	33.416	34.563	24.018	1.025	14.719
2/11/2018 3:45	279900	68.228	15.53	153.691	41656.039	50854.039	33.435	34.581	24.006	1.025	14.717
2/11/2018 4:00	280800	68.234	15.531	153.703	41659.789	50858.305	33.438	34.584	24.004	1.025	14.718
2/11/2018 4:15	281700	68.238	15.529	153.713	41661.566	50862.055	33.441	34.586	24.003	1.025	14.714
2/11/2018 4:30	282600	68.243	15.53	153.723	41676.109	50878.848	33.453	34.598	23.995	1.025	14.721
2/11/2018 4:45	283500	68.251	15.529	153.742	41664.793	50865.879	33.444	34.589	24.001	1.025	14.712
2/11/2018 5:00	284400	68.262	15.53	153.766	41661.813	50861.707	33.441	34.586	24.003	1.025	14.709
2/11/2018 5:15	285300	68.268	15.529	153.781	41645.93	50843.375	33.427	34.573	24.012	1.025	14.708
2/11/2018 5:30	286200	68.277	15.529	153.801	41644.648	50841.707	33.426	34.572	24.013	1.025	14.708
2/11/2018 5:45	287100	68.274	15.529	153.794	41684.176	50890.164	33.461	34.605	23.99	1.025	14.713
2/11/2018 6:00	288000	68.294	15.529	153.84	41667.344	50869.516	33.446	34.591	24	1.025	14.7
2/11/2018 6:15	288900	68.297	15.528	153.845	41663.086	50865.465	33.443	34.589	24.002	1.025	14.708
2/11/2018 6:30	289800	68.305	15.527	153.865	41662.344	50865.398	33.443	34.588	24.002	1.025	14.705
2/11/2018 6:45	290700	68.308	15.527	153.87	41638.531	50836.547	33.422	34.569	24.016	1.025	14.714
2/11/2018 7:00	291600	68.319	15.527	153.896	41662.617	50866.27	33.444	34.589	24.002	1.025	14.713
2/11/2018 7:15	292500	68.317	15.527	153.891	41658.965	50862.109	33.441	34.586	24.004	1.025	14.712
2/11/2018 7:30	293400	68.313	15.528	153.882	41642.629	50842.982	33.426	34.573	24.016	1.025	14.716
2/11/2018 7:45	294300	68.327	15.525	153.913	41662.266	50867.605	33.445	34.59	24.003	1.025	14.711
2/11/2018 8:00	295200	68.359	15.525	153.986	41661.844	50868.039	33.445	34.59	24.003	1.025	14.707
2/11/2018 8:15	296100	68.329	15.524	153.917	41675.871	50885.48	33.458	34.602	23.995	1.025	14.717
2/11/2018 8:30	297000	68.337	15.523	153.936	41656.09	50862.375	33.441	34.586	24.006	1.025	14.717
2/11/2018 8:45	297900	68.346	15.523	153.956	41659.48	50866.715	33.444	34.589	24.004	1.025	14.711
2/11/2018 9:00	298800	68.334	15.522	153.928	41662.738	50871.508	33.447	34.593	24.002	1.025	14.724
2/11/2018 9:15	299700	68.345	15.523	153.955	41645.063	50849.641	33.431	34.578	24.012	1.025	14.713
2/11/2018 9:30	300600	68.346	15.522	153.955	41634.063	50837.457	33.422	34.569	24.019	1.025	14.714
2/11/2018 9:45	301500	68.34	15.522	153.942	41632.996	50836.262	33.421	34.569	24.019	1.025	14.715
2/11/2018 10:00	302400	68.34	15.521	153.943	41644.723	50851.531	33.432	34.579	24.013	1.025	14.714
2/11/2018 10:15	303300	68.333	15.52	153.927	41657.027	50867.281	33.444	34.59	24.006	1.025	14.715
2/11/2018 10:30	304200	68.331	15.521	153.923	41668.848	50880.676	33.454	34.599	23.999	1.025	14.712
2/11/2018 10:45	305100	68.324	15.521	153.906	41669.398	50881.762	33.455	34.6	23.998	1.025	14.717
2/11/2018 11:00	306000	68.317	15.521	153.89	41630.984	50834.855	33.42	34.568	24.021	1.025	14.719
2/11/2018 11:15	306900	68.312	15.521	153.88	41659.191	50869.301	33.446	34.591	24.004	1.025	14.72
2/11/2018 11:30	307800	68.313	15.521	153.882	41652.277	50860.758	33.439	34.585	24.008	1.025	14.709
2/11/2018 11:45	308700	68.303	15.521	153.86	41655.633	50864.539	33.442	34.588	24.006	1.025	14.711
2/11/2018 12:00	309600	68.292	15.521	153.834	41648.711	50856.184	33.436	34.582	24.01	1.025	14.71
2/11/2018 12:15	310500	68.284	15.52	153.816	41676.088	50891.508	33.462	34.606	23.994	1.025	14.704
2/11/2018 12:30	311400	68.276	15.52	153.798	41668.918	50881.484	33.454	34.599	23.999	1.025	14.7
2/11/2018 12:45	312300	68.264	15.52	153.771	41670.816	50884.227	33.456	34.601	23.998	1.025	14.695
2/11/2018 13:00	313200	68.271	15.521	153.787	41659.367	50869.313	33.446	34.591	24.004	1.025	14.702
2/11/2018 13:15	314100	68.242	15.521	153.721	41649.59	50857.688	33.437	34.583	24.01	1.025	14.695
2/11/2018 13:30	315000	68.235	15.521	153.706	41645.098	50851.773	33.433	34.579	24.012	1.025	14.687
2/11/2018 13:45	315900	68.224	15.522	153.681	41659.977	50868.793	33.445	34.591	24.004	1.025	14.674
2/11/2018 14:00	316800	68.223	15.522	153.678	41699.742	50916.678	33.481	34.623	23.981	1.025	14.685
2/11/2018 14:15	317700	68.202	15.523	153.632	41657.164	50863.883	33.442	34.587	24.005	1.025	14.665
2/11/2018 14:30	318600	68.195	15.523	153.615	41699.977	50916.473	33.48	34.623	23.981	1.025	14.658
2/11/2018 14:45	319500	68.188	15.524	153.6	41683.102	50894.512	33.464	34.608	23.991	1.025	14.656
2/11/2018 15:00	320400	68.188	15.524	153.6	41725.582	50946.586	33.503	34.644	23.966	1.025	14.665
2/11/2018 15:15	321300	68.174	15.525	153.568	41698.582	50912.59	33.478	34.621	23.982	1.025	14.669
2/11/2018 15:30	322200	68.153	15.525	153.535	41708.469	50935.805	33.486	34.628	23.976	1.025	14.676
2/11/2018 15:45	323100	68.162	15.525	153.542	41673.398	50881.309	33.455	34.599	23.996	1.025	14.662
2/11/2018 16:00	324000	68.162	15.526	153.543	41687.383	50897.121	33.466	34.61	23.988	1.025	14.663
2/11/2018 16:15	324900	68.154	15.527	153.523	41664.18	50868.18	33.445	34.59	24.001	1.025	14.666
2/11/2018 16:30	325800	68.143	15.526	153.498	41642.594	50842.438	33.426	34.573	24.014	1.025	14.674
2/11/2018 16:45	326700	68.152	15.527	153.518	41673.031	50878.566	33.453	34.597	23.996	1.025	14.671
2/11/2018 17:00	327600	68.142	15.528	153.497	41689.309	50897.48	33.467	34.61	23.987	1.025	14.669
2/11/2018 17:15	328500	68.141	15.528	153.494	41677.43	50869.44	33.456	34.6	23.994	1.025	14.684
2/11/2018 17:30	329400	68.152	15.529	153.518	41633.004	50827.906	33.416	34.563	24.019	1.025	14.666
2/11/2018 17:45	330300	68.147	15.53	153.508	41666.445	50867.688	33.445	34.59	24	1.025	14.667
2/11/2018 18:00	331200	68.148	15.529	153.511	41686	50891.766	33.463	34.606	23.989	1.025	14.671
2/11/2018 18:15	332100	68.153	15.53	153.521	41659.633	50858.941	33.439	34.584	24.004	1	

2/13/2018 1:45	445500	68.312	15.514	153.879	41661.758	50880.09	33.453	34.598	24.003	1.025	14.733
2/13/2018 2:00	446400	68.28	15.515	153.808	41664.266	50882.828	33.455	34.6	24.001	1.025	14.739
2/13/2018 2:15	447300	68.292	15.515	153.833	41690.352	50914.16	33.478	34.622	23.986	1.025	14.736
2/13/2018 2:30	448200	68.288	15.515	153.825	41631.992	50842.691	33.426	34.573	24.02	1.025	14.731
2/13/2018 2:45	449100	68.291	15.515	153.831	41679.414	50900.5	33.468	34.612	23.993	1.025	14.734
2/13/2018 3:00	450000	68.291	15.516	153.831	41657.125	50872.426	33.447	34.593	24.005	1.025	14.737
2/13/2018 3:15	450900	68.287	15.515	153.823	41680.414	50901.926	33.469	34.613	23.992	1.025	14.743
2/13/2018 3:30	451800	68.286	15.515	153.82	41683.672	50905.906	33.472	34.616	23.99	1.025	14.747
2/13/2018 3:45	452700	68.294	15.515	153.839	41642.641	50855.895	33.435	34.582	24.014	1.025	14.742
2/13/2018 4:00	453600	68.292	15.515	153.835	41668.586	50887.578	33.458	34.604	23.999	1.025	14.744
2/13/2018 4:15	454500	68.299	15.516	153.851	41678.262	50898.238	33.466	34.611	23.993	1.025	14.742
2/13/2018 4:30	455400	68.305	15.515	153.864	41640.027	50852.703	33.433	34.58	24.015	1.025	14.739
2/13/2018 4:45	456300	68.306	15.516	153.865	41652.484	50866.973	33.443	34.59	24.008	1.025	14.754
2/13/2018 5:00	457200	68.305	15.515	153.864	41665.52	50883.738	33.456	34.601	24.001	1.025	14.759
2/13/2018 5:15	458100	68.318	15.515	153.894	41681.348	50902.969	33.47	34.614	23.992	1.025	14.761
2/13/2018 5:30	459000	68.324	15.515	153.906	41650.828	50866.012	33.443	34.589	24.009	1.025	14.761
2/13/2018 5:45	459900	68.332	15.514	153.925	41666.617	50886.027	33.457	34.603	24	1.025	14.764
2/13/2018 6:00	460800	68.341	15.514	153.944	41651.773	50868.516	33.444	34.591	24.009	1.025	14.764
2/13/2018 6:15	461700	68.344	15.513	153.952	41667.855	50888.898	33.459	34.604	23.999	1.025	14.772
2/13/2018 6:30	462600	68.354	15.516	153.975	41681.051	50903.637	33.47	34.614	23.992	1.025	14.774
2/13/2018 6:45	463500	68.358	15.513	153.983	41646.68	50863.035	33.44	34.587	24.012	1.025	14.779
2/13/2018 7:00	464400	68.368	15.513	154.005	41646.754	50863.434	33.441	34.587	24.011	1.025	14.779
2/13/2018 7:15	465300	68.376	15.513	154.024	41660.023	50879.113	33.452	34.598	24.004	1.025	14.782
2/13/2018 7:30	466200	68.389	15.513	154.053	41682.277	50907.145	33.473	34.617	23.991	1.025	14.786
2/13/2018 7:45	467100	68.39	15.512	154.056	41669.398	50892.25	33.462	34.607	23.998	1.025	14.793
2/13/2018 8:00	468000	68.401	15.512	154.081	41661.876	50882.918	33.455	34.6	24.003	1.025	14.791
2/13/2018 8:15	468900	68.412	15.511	154.104	41663.875	50865.543	33.457	34.603	24.002	1.025	14.794
2/13/2018 8:30	469800	68.421	15.509	154.126	41652.426	50874.453	33.448	34.595	24.008	1.025	14.8
2/13/2018 8:45	470700	68.432	15.509	154.149	41682.211	50911.258	33.475	34.62	23.991	1.025	14.799
2/13/2018 9:00	471600	68.441	15.509	154.171	41602.922	50813.883	33.404	34.553	24.037	1.025	14.801
2/13/2018 9:15	472500	68.44	15.508	154.169	41681.77	50912.082	33.476	34.62	23.991	1.025	14.805
2/13/2018 9:30	473400	68.446	15.507	154.18	41665.852	50893.152	33.462	34.607	24	1.025	14.804
2/13/2018 9:45	474300	68.466	15.506	154.225	41656.113	50882.523	33.454	34.6	24.006	1.025	14.798
2/13/2018 10:00	475200	68.46	15.507	154.213	41628.945	50849.023	33.43	34.577	24.022	1.025	14.804
2/13/2018 10:15	476100	68.456	15.505	154.203	41667.996	50898.609	33.466	34.611	23.999	1.025	14.807
2/13/2018 10:30	477000	68.461	15.505	154.215	41609.777	50828.125	33.414	34.563	24.033	1.025	14.804
2/13/2018 10:45	477900	68.453	15.504	154.198	41638.199	50863.043	33.44	34.587	24.016	1.025	14.808
2/13/2018 11:00	478800	68.455	15.503	154.202	41660.289	50891.188	33.46	34.606	24.004	1.025	14.803
2/13/2018 11:15	479700	68.443	15.503	154.175	41679.383	50914.402	33.477	34.622	23.993	1.025	14.804
2/13/2018 11:30	480600	68.441	15.502	154.171	41652.719	50883.191	33.454	34.601	24.008	1.025	14.799
2/13/2018 11:45	481500	68.423	15.502	154.129	41636.199	50863.652	33.44	34.587	24.018	1.025	14.803
2/13/2018 12:00	482400	68.413	15.503	154.107	41683.867	50920.723	33.482	34.626	23.99	1.025	14.795
2/13/2018 12:15	483300	68.419	15.502	154.121	41662.473	50895.324	33.463	34.609	24.002	1.025	14.797
2/13/2018 12:30	484200	68.409	15.502	154.098	41637.887	50865.18	33.441	34.588	24.017	1.025	14.796
2/13/2018 12:45	485100	68.404	15.501	154.086	41635.996	50864.543	33.44	34.588	24.018	1.025	14.789
2/13/2018 13:00	486000	68.395	15.502	154.065	41642.945	50871.664	33.446	34.593	24.014	1.025	14.79
2/13/2018 13:15	486900	68.384	15.502	154.041	41660.555	50892.762	33.461	34.607	24.004	1.025	14.786
2/13/2018 13:30	487800	68.374	15.503	154.019	41635.016	50861.246	33.438	34.586	24.018	1.025	14.79
2/13/2018 13:45	488700	68.359	15.503	153.986	41651.637	50881.352	33.453	34.599	24.009	1.025	14.785
2/13/2018 14:00	489600	68.353	15.502	153.971	41631.625	50857.531	33.435	34.583	24.02	1.025	14.782
2/13/2018 14:15	490500	68.344	15.502	153.952	41646.566	50875.895	33.449	34.596	24.012	1.025	14.783
2/13/2018 14:30	491400	68.345	15.503	153.955	41665.492	50897.541	33.465	34.61	24.001	1.025	14.776
2/13/2018 14:45	492300	68.324	15.504	153.907	41619.063	50840.988	33.423	34.572	24.027	1.025	14.784
2/13/2018 15:00	493200	68.319	15.504	153.895	41675.238	50908.824	33.473	34.618	23.995	1.025	14.784
2/13/2018 15:15	494100	68.304	15.505	153.861	41634.863	50858.137	33.436	34.584	24.018	1.025	14.785
2/13/2018 15:30	495000	68.292	15.505	153.835	41670.934	50902.094	33.468	34.613	23.998	1.025	14.788
2/13/2018 15:45	495900	68.286	15.506	153.82	41655.438	50882.105	33.454	34.6	24.006	1.025	14.79
2/13/2018 16:00	496800	68.28	15.507	153.807	41663.973	50891.91	33.461	34.607	24.002	1.025	14.789
2/13/2018 16:15	497700	68.263	15.507	153.768	41650.247	50874.93	33.449	34.595	24.009	1.025	14.793
2/13/2018 16:30	498600	68.267	15.507	153.778	41653.113	50878.012	33.451	34.597	24.008	1.025	14.79
2/13/2018 16:45	499500	68.252	15.508	153.743	41638.285	50858.539	33.437	34.584	24.016	1.025	14.794
2/13/2018 17:00	500400	68.252	15.509	153.744	41648.207	50870.34	33.445	34.592	24.011	1.025	14.792
2/13/2018 17:15	501300	68.242	15.509	153.722	41656.285	50879.168	33.452	34.598	24.006	1.025	14.797
2/13/2018 17:30	502200	68.233	15.51	153.701	41644.098	50864.063	33.441	34.588	24.013	1.025	14.795
2/13/2018 17:45	503100	68.233	15.51	153.701	41655.141	50876.727	33.45	34.596	24.007	1.025	14.797
2/13/2018 18:00	504000	68.229	15.512	153.693	41663.949	50886.093	33.457	34.602	24.002	1.025	14.802
2/13/2018 18:15	504900	68.239	15.511	153.716	41659.539	50881.25	33.454	34.599	24.004	1.025	14.795
2/13/2018 18:30	505800	68.234	15.512	153.705	41662.371	50884.094	33.456	34.601	24.002	1.025	14.801
2/13/2018 18:45	506700	68.261	15.513	153.765	41656.16	50875.246	33.449	34.595	24.006	1.025	14.795
2/13/2018 19:00	507600	68.226	15.513	153.685	41673.992	50896.5	33.465	34.61	23.996	1.025	14.807
2/13/2018 19:15	508500	68.233	15.512	153.702	41687.566	50913.805	33.478	34.621	23.988	1.025	14.806
2/13/2018 19:30	509400	68.25	15.514	153.74	41693.285	50913.711	33.482	34.625	23.985	1.025	14.805
2/13/2018 19:45	510300	68.235	15.514	153.706	41686.652	50910.695	33.475	34.619	23.988	1.025	14.809
2/13/2018 20:00	511200	68.242	15.514	153.722	41673.715	50894.793	33.464	34.608	23.996	1.025	14.811
2/13/2018 20:15	512100	68.248	15.515	153.735	41684.465	50907.188	33.473	34.617	23.99	1.025	14.81
2/13/2018 20:30	513000	68.248	15.515	153.735	41657.781	50874.813	33.449	34.595	24.005	1.025	14.815
2/13/2018 20:45	513900	68.25	15.515	153.739	41645.879	50860.066	33.438	34.585	24.012	1.025	14.813
2/13/2018 21:00	514800	68.258	15.514	153.759	41674.934	50896.281	33.465	34.609	23.995	1.025	14.811
2/13/2018 21:15	515700	68.258	15.516	153.757	41692.742	50916.137	33.48	34.623	23.985	1.025	14.885
2/13/2018 21:30	516600	68.261	15.515	153.764	41685.871	50908.273	33.474	34.618	23.989	1.025	14.816
2/13/2018 21:45	517500	68.262	15.515	153.766	41691.633	50915.527	33.479	34.623	23.986	1.025	14.82
2/13/2018 22:00	518400	68.267	15.515	153.778	41646.23	50860.496	33.439	34.585	24.012	1.025	14.819
2/13/2018 22:15	519300	68.269	15.516	153.783	41685.215	5					

Report Date: 2/16/2018 10:41
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_2018-02-15_14-54-20-153.wsl
Create Date 2/15/2018 14:53

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 740

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

Time Zone: Pacific Standard Time

Date and Time	Elapsed Time Seconds	Sensor: PCTD(G) 231ft SN#: 421436 Pressure (PSI)	Sensor: PCTD(G) 231ft SN#: 421436 Temperature (C)	Sensor: PCTD(G) 231ft SN#: 421436 Depth (ft)	Sensor: PCTD(G) 231ft SN#: 421436 Actual Conductivity (µS/cm)	Sensor: PCTD(G) 231ft SN#: 421436 Specific Conductivity (µS/cm)	Sensor: PCTD(G) 231ft SN#: 421436 Salinity (PSU)	Sensor: PCTD(G) 231ft SN#: 421436 Total Dissolved Solids (ppm)	Sensor: PCTD(G) 231ft SN#: 421436 Resistivity (ohm-cm)	Sensor: PCTD(G) 231ft SN#: 421436 Water Density (g/cm3)
2/8/2018 0:00	7200	19.437	14.534	43.784	40696.605	50864.996	33.363	34588.199	24.572	1.025
2/8/2018 0:15	8100	19.436	14.535	43.781	40683.355	50846.805	33.349	34575.828	24.58	1.025
2/8/2018 0:30	9000	19.432	14.533	43.773	40674.555	50837.75	33.343	34569.672	24.585	1.025
2/8/2018 0:45	9900	19.429	14.536	43.765	40712.824	50882.664	33.376	34600.211	24.562	1.025
2/8/2018 1:00	10800	19.43	14.536	43.767	40662.801	50819.496	33.329	34557.258	24.593	1.025
2/8/2018 1:15	11700	19.43	14.537	43.767	40673.656	50832.109	33.339	34565.836	24.586	1.025
2/8/2018 1:30	12600	19.432	14.536	43.773	40685.742	50848.391	33.351	34576.906	24.579	1.025
2/8/2018 1:45	13500	19.435	14.535	43.778	40652.59	50808.465	33.321	34549.758	24.599	1.025
2/8/2018 2:00	14400	19.432	14.536	43.774	40671.664	50830.906	33.338	34565.02	24.587	1.025
2/8/2018 2:15	15300	19.43	14.535	43.768	40705.672	50874.809	33.37	34594.871	24.567	1.025
2/8/2018 2:30	16200	19.437	14.534	43.784	40684.547	50849.813	33.351	34577.875	24.579	1.025
2/8/2018 2:45	17100	19.435	14.536	43.779	40658.414	50814.551	33.326	34553.898	24.595	1.025
2/8/2018 3:00	18000	19.437	14.534	43.784	40688.41	50853.777	33.354	34580.57	24.577	1.025
2/8/2018 3:15	18900	19.441	14.536	43.793	40655.152	50810.27	33.323	34550.988	24.597	1.025
2/8/2018 3:30	19800	19.448	14.535	43.809	40662.133	50820.727	33.33	34558.094	24.593	1.025
2/8/2018 3:45	20700	19.448	14.535	43.809	40682.551	50845.059	33.348	34574.641	24.581	1.025
2/8/2018 4:00	21600	19.451	14.535	43.814	40691.93	50857.633	33.357	34583.195	24.575	1.025
2/8/2018 4:15	22500	19.457	14.533	43.829	40700.742	50870.91	33.367	34592.219	24.57	1.025
2/8/2018 4:30	23400	19.463	14.535	43.842	40689.563	50853.922	33.355	34580.668	24.576	1.025
2/8/2018 4:45	24300	19.467	14.534	43.851	40730.387	50906.773	33.393	34616.609	24.552	1.025
2/8/2018 5:00	25200	19.474	14.534	43.867	40680.98	50844.383	33.347	34574.18	24.582	1.025
2/8/2018 5:15	26100	19.477	14.536	43.874	40695.242	50860.375	33.359	34585.055	24.573	1.025
2/8/2018 5:30	27000	19.489	14.534	43.9	40667.285	50827.594	33.335	34562.766	24.59	1.025
2/8/2018 5:45	27900	19.486	14.535	43.895	40654.172	50810.23	33.323	34550.961	24.598	1.025
2/8/2018 6:00	28800	19.49	14.535	43.903	40690.145	50855.188	33.355	34581.527	24.576	1.025
2/8/2018 6:15	29700	19.493	14.534	43.91	40667.996	50828.379	33.336	34563.297	24.589	1.025
2/8/2018 6:30	30600	19.497	14.535	43.918	40710.039	50879.414	33.373	34598.004	24.564	1.025
2/8/2018 6:45	31500	19.505	14.536	43.938	40680.828	50842.676	33.346	34573.02	24.582	1.025
2/8/2018 7:00	32400	19.506	14.533	43.94	40678.02	50841.867	33.346	34572.473	24.583	1.025
2/8/2018 7:15	33300	19.506	14.535	43.938	40689.805	50855.199	33.355	34581.535	24.576	1.025
2/8/2018 7:30	34200	19.511	14.532	43.95	40662.699	50824.016	33.332	34560.332	24.593	1.025
2/8/2018 7:45	35100	19.509	14.532	43.947	40679.172	50844.809	33.348	34574.469	24.583	1.025
2/8/2018 8:00	36000	19.518	14.533	43.967	40689.969	50856.906	33.357	34582.699	24.576	1.025
2/8/2018 8:15	36900	19.52	14.533	43.971	40685.766	50852.504	33.353	34579.703	24.579	1.025
2/8/2018 8:30	37800	19.521	14.535	43.974	40665.992	50825.438	33.334	34561.297	24.591	1.025
2/8/2018 8:45	38700	19.522	14.534	43.976	40668.867	50829.242	33.336	34563.887	24.589	1.025
2/8/2018 9:00	39600	19.529	14.532	43.99	40704.102	50875.969	33.37	34595.66	24.568	1.025
2/8/2018 9:15	40500	19.539	14.531	44.013	40674.211	50839.805	33.344	34571.066	24.586	1.025
2/8/2018 9:30	41400	19.536	14.531	44.007	40674.461	50840.652	33.344	34571.648	24.585	1.025
2/8/2018 9:45	42300	19.535	14.533	44.004	40703.5	50874.566	33.369	34594.707	24.568	1.025

2/8/2018 10:00	43200	19.531	14.531	43.996	40697.043	50868.129	33.365	34590.328	24.572	1.025
2/8/2018 10:15	44100	19.53	14.533	43.992	40688.891	50856.309	33.356	34582.289	24.577	1.025
2/8/2018 10:30	45000	19.526	14.534	43.984	40677.508	50840.793	33.345	34571.738	24.584	1.025
2/8/2018 10:45	45900	19.525	14.533	43.981	40676.121	50839.707	33.344	34571.004	24.584	1.025
2/8/2018 11:00	46800	19.52	14.533	43.971	40673.898	50836.719	33.342	34568.969	24.586	1.025
2/8/2018 11:15	47700	19.52	14.532	43.971	40684.898	50852.191	33.353	34579.496	24.579	1.025
2/8/2018 11:30	48600	19.517	14.532	43.964	40645.402	50803.246	33.317	34546.207	24.603	1.025
2/8/2018 11:45	49500	19.506	14.531	43.94	40672.27	50837.059	33.342	34569.203	24.587	1.025
2/8/2018 12:00	50400	19.504	14.533	43.935	40664.75	50826.031	33.334	34561.707	24.591	1.025
2/8/2018 12:15	51300	19.494	14.534	43.913	40715.004	50887.656	33.379	34603.605	24.561	1.025
2/8/2018 12:30	52200	19.492	14.533	43.907	40688.93	50855.504	33.356	34581.746	24.577	1.025
2/8/2018 12:45	53100	19.49	14.535	43.903	40685.203	50849.012	33.351	34577.332	24.579	1.025
2/8/2018 13:00	54000	19.48	14.533	43.88	40703.973	50874.621	33.37	34594.746	24.568	1.025
2/8/2018 13:15	54900	19.474	14.531	43.868	40638.242	50794.629	33.311	34540.348	24.607	1.025
2/8/2018 13:30	55800	19.474	14.531	43.867	40706.883	50880.957	33.374	34599.051	24.566	1.025
2/8/2018 13:45	56700	19.465	14.533	43.847	40675.297	50838.891	33.343	34570.445	24.585	1.025
2/8/2018 14:00	57600	19.464	14.537	43.845	40685.559	50847.309	33.35	34576.172	24.579	1.025
2/8/2018 14:15	58500	19.457	14.531	43.829	40704.559	50877.52	33.371	34596.719	24.567	1.025
2/8/2018 14:30	59400	19.45	14.533	43.812	40669.227	50831.301	33.338	34565.289	24.589	1.025
2/8/2018 14:45	60300	19.45	14.535	43.812	40689.465	50854.016	33.355	34580.73	24.576	1.025
2/8/2018 15:00	61200	19.443	14.535	43.797	40683.594	50847.105	33.35	34576.035	24.58	1.025
2/8/2018 15:15	62100	19.438	14.537	43.787	40695.676	50860.164	33.359	34584.91	24.573	1.025
2/8/2018 15:30	63000	19.435	14.535	43.779	40671.902	50832.821	33.339	34566.324	24.587	1.025
2/8/2018 15:45	63900	19.429	14.536	43.766	40688.527	50852.418	33.353	34579.648	24.577	1.025
2/8/2018 16:00	64800	19.429	14.536	43.765	40687.461	50850.855	33.352	34578.582	24.578	1.025
2/8/2018 16:15	65700	19.426	14.534	43.758	40688.461	50854.371	33.355	34580.973	24.577	1.025
2/8/2018 16:30	66600	19.422	14.536	43.75	40676.297	50836.27	33.342	34568.664	24.584	1.025
2/8/2018 16:45	67500	19.42	14.536	43.745	40666.824	50824.211	33.333	34560.465	24.59	1.025
2/8/2018 17:00	68400	19.419	14.536	43.744	40690.492	50854.754	33.355	34581.238	24.576	1.025
2/8/2018 17:15	69300	19.415	14.536	43.734	40686.613	50848.941	33.351	34577.281	24.578	1.025
2/8/2018 17:30	70200	19.409	14.538	43.72	40722.645	50891.602	33.382	34606.289	24.556	1.025
2/8/2018 17:45	71100	19.412	14.535	43.728	40686.25	50850.867	33.352	34578.59	24.578	1.025
2/8/2018 18:00	72000	19.407	14.537	43.715	40689.523	50852.035	33.353	34579.383	24.576	1.025
2/8/2018 18:15	72900	19.413	14.535	43.73	40706.91	50876.145	33.371	34595.781	24.566	1.025
2/8/2018 18:30	73800	19.406	14.536	43.713	40703.219	50870.234	33.367	34591.758	24.568	1.025
2/8/2018 18:45	74700	19.407	14.538	43.715	40689.652	50850.367	33.352	34578.25	24.576	1.025
2/8/2018 19:00	75600	19.401	14.537	43.702	40685.055	50846.246	33.349	34575.449	24.579	1.025
2/8/2018 19:15	76500	19.401	14.539	43.702	40667.738	50822.438	33.332	34559.262	24.59	1.025
2/8/2018 19:30	77400	19.398	14.537	43.697	40689.781	50852.262	33.353	34579.539	24.576	1.025
2/8/2018 19:45	78300	19.397	14.538	43.694	40698.184	50861.57	33.36	34585.867	24.571	1.025
2/8/2018 20:00	79200	19.4	14.539	43.701	40690.84	50851.75	33.353	34579.191	24.576	1.025
2/8/2018 20:15	80100	19.399	14.536	43.699	40682.066	50843.371	33.347	34573.492	24.581	1.025
2/8/2018 20:30	81000	19.396	14.538	43.691	40697.828	50860.699	33.36	34585.277	24.571	1.025
2/8/2018 20:45	81900	19.394	14.539	43.688	40694.031	50854.879	33.356	34581.316	24.574	1.025
2/8/2018 21:00	82800	19.399	14.537	43.699	40696.004	50859.93	33.359	34584.754	24.572	1.025
2/8/2018 21:15	83700	19.395	14.538	43.688	40674.109	50831.594	33.338	34565.488	24.586	1.025
2/8/2018 21:30	84600	19.395	14.537	43.688	40698.598	50863.168	33.361	34586.957	24.571	1.025
2/8/2018 21:45	85500	19.391	14.537	43.68	40681.676	50841.598	33.346	34572.289	24.581	1.025
2/8/2018 22:00	86400	19.392	14.537	43.682	40665.246	50821.375	33.331	34558.535	24.591	1.025
2/8/2018 22:15	87300	19.393	14.537	43.685	40692.465	50855.941	33.356	34582.039	24.575	1.025
2/8/2018 22:30	88200	19.391	14.538	43.68	40666.871	50822.77	33.332	34559.488	24.59	1.025
2/8/2018 22:45	89100	19.391	14.54	43.68	40696.34	50857.328	33.357	34582.984	24.572	1.025
2/8/2018 23:00	90000	19.387	14.538	43.672	40683.984	50843.398	33.347	34573.512	24.58	1.025
2/8/2018 23:15	90900	19.387	14.538	43.672	40661.48	50815.699	33.327	34554.676	24.593	1.025
2/8/2018 23:30	91800	19.384	14.539	43.663	40696.543	50857.805	33.358	34583.309	24.572	1.025
2/8/2018 23:45	92700	19.385	14.539	43.665	40670.773	50826.672	33.335	34562.137	24.588	1.025
2/9/2018 0:00	93600	19.383	14.54	43.662	40694.453	50854.766	33.356	34581.246	24.573	1.025
2/9/2018 0:15	94500	19.383	14.541	43.662	40683.172	50839.039	33.344	34570.551	24.58	1.025
2/9/2018 0:30	95400	19.385	14.537	43.666	40702.984	50868.539	33.365	34590.605	24.568	1.025
2/9/2018 0:45	96300	19.382	14.541	43.659	40669.098	50821.563	33.331	34558.668	24.589	1.025
2/9/2018 1:00	97200	19.381	14.538	43.657	40682.34	50841.23	33.346	34572.035	24.581	1.025
2/9/2018 1:15	98100	19.382	14.539	43.66	40676.156	50833.066	33.34	34566.488	24.584	1.025
2/9/2018 1:30	99000	19.381	14.538	43.657	40700.535	50863.969	33.362	34587.5	24.57	1.025
2/9/2018 1:45	99900	19.384	14.538	43.664	40707.629	50872.836	33.369	34593.527	24.565	1.025
2/9/2018 2:00	100800	19.381	14.54	43.657	40630.418	50774.41	33.297	34526.602	24.612	1.025
2/9/2018 2:15	101700	19.384	14.542	43.664	40689.379	50846.047	33.349	34575.313	24.576	1.025
2/9/2018 2:30	102600	19.384	14.538	43.663	40703.879	50868.797	33.366	34590.781	24.568	1.025
2/9/2018 2:45	103500	19.386	14.541	43.669	40691.887	50850.355	33.352	34578.242	24.575	1.025
2/9/2018 3:00	104400	19.384	14.54	43.663	40700.48	50862.176	33.361	34586.285	24.57	1.025
2/9/2018 3:15	105300	19.387	14.54	43.671	40683.211	50840.063	33.345	34571.242	24.58	1.025
2/9/2018 3:30	106200	19.391	14.54	43.679	40717.93	50883.668	33.377	34600.895	24.559	1.025
2/9/2018 3:45	107100	19.399	14.54	43.699	40687.883	50846.762	33.35	34575.797	24.577	1.025
2/9/2018 4:00	108000	19.398	14.539	43.697	40694.199	50855.848	33.356	34581.977	24.574	1.025
2/9/2018 4:15	108900	19.402	14.542	43.705	40715.883	50878.941	33.373	34597.684	24.56	1.025
2/9/2018 4:30	109800	19.401	14.541	43.702	40686.254	50842.781	33.347	34573.09	24.578	1.025
2/9/2018 4:45	110700	19.405	14.539	43.712	40685.402	50843.98	33.348	34573.91	24.579	1.025
2/9/2018 5:00	111600	19.409	14.539	43.721	40700.457	50862.797	33.361	34586.703	24.57	1.025
2/9/2018 5:15	112500	19.415	14.54	43.734	40722.793	50889.637	33.381	34604.953	24.556	1.025
2/9/2018 5:30	113400	19.421	14.539	43.747	40692.316	50852.949	33.354	34580.004	24.575	1.025
2/9/2018 5:45	114300	19.424	14.539	43.754	40693.887	50854.699	33.355	34581.195	24.574	1.025
2/9/2018 6:00	115200	19.424	14.542	43.754	40674.957	50828.023	33.336	34563.059	24.585	1.025
2/9/2018 6:15	116100	19.431	14.539	43.77	40672.633	50828.664	33.336	34563.496	24.587	1.025
2/9/2018 6:30	117000	19.437	14.54	43.784	40699.008	50860.125	33.359	34584.887	24.571	1.025
2/9/2018 6:45	117900	19.438	14.537	43.787	40671.742	50829.184	33.337	34563.848	24.587	1.025
2/9/2018 7:00	118800	19.439	14.54	43.789	40676.832	50832.535	33.339	34566.129	24.584	1.025
2/9/2018 7:15	119700	19.441	14.539	43.793	40674.227	50830.34	33.338	34564.637	24.586	1.025
2/9/2018 7:30	120600	19.447	14.54	43.805	40722.43	50889.516	33.381	34604.875	24.556	1.025
2/9/2018 7:45	121500	19.448	14.539	43.809	40678.035	50835.648	33.341	34568.246	24.583	1.025
2/9/2018 8:00	122400	19.454	14.539	43.822	40663.746	50817.133	33.328	34555.652	24.592	

2/10/2018 6:30	203400	19.373	14.547	43.64	40703.449	50857.266	33.358	34582.941	24.568	1.025
2/10/2018 6:45	204300	19.38	14.545	43.655	40653.809	50798.156	33.315	34542.746	24.598	1.025
2/10/2018 7:00	205200	19.381	14.545	43.657	40680.828	50831.582	33.339	34565.48	24.582	1.025
2/10/2018 7:15	206100	19.381	14.543	43.657	40681.691	50834.293	33.341	34567.32	24.581	1.025
2/10/2018 7:30	207000	19.389	14.546	43.677	40677.098	50825.758	33.335	34561.516	24.584	1.025
2/10/2018 7:45	207900	19.391	14.545	43.68	40670.02	50818.078	33.329	34556.293	24.588	1.025
2/10/2018 8:00	208800	19.393	14.546	43.685	40680.984	50830.715	33.338	34564.887	24.582	1.025
2/10/2018 8:15	209700	19.397	14.545	43.694	40704.82	50861.664	33.361	34585.934	24.567	1.025
2/10/2018 8:30	210600	19.398	14.543	43.697	40652.063	50797.98	33.314	34542.285	24.599	1.025
2/11/2018 8:45	211500	19.403	14.543	43.707	40689.078	50843.734	33.348	34573.738	24.577	1.025
2/10/2018 9:00	212400	19.405	14.543	43.711	40666.59	50815.949	33.327	34554.848	24.59	1.025
2/10/2018 9:15	213300	19.408	14.542	43.717	40677.234	50830.332	33.338	34564.625	24.584	1.025
2/10/2018 9:30	214200	19.41	14.545	43.724	40692.867	50846.102	33.35	34575.348	24.574	1.025
2/10/2018 9:45	215100	19.413	14.544	43.729	40712.074	50872.156	33.369	34593.066	24.563	1.025
2/10/2018 10:00	216000	19.416	14.545	43.737	40693.805	50848.02	33.351	34576.652	24.574	1.025
2/10/2018 10:15	216900	19.424	14.544	43.754	40689.75	50843.18	33.347	34573.363	24.576	1.025
2/10/2018 10:30	217800	19.42	14.547	43.746	40673.949	50820.094	33.331	34557.668	24.586	1.025
2/10/2018 10:45	218700	19.423	14.543	43.751	40712.273	50872.605	33.369	34593.371	24.563	1.025
2/10/2018 11:00	219600	19.423	14.542	43.751	40690.066	50846.047	33.349	34575.313	24.576	1.025
2/10/2018 11:15	220500	19.426	14.544	43.76	40696.41	50852.359	33.354	34579.609	24.572	1.025
2/10/2018 11:30	221400	19.425	14.542	43.757	40708.152	50868.758	33.366	34590.754	24.565	1.025
2/10/2018 11:45	222300	19.423	14.542	43.752	40700.445	50859.016	33.359	34584.133	24.57	1.025
2/10/2018 12:00	223200	19.422	14.543	43.75	40711.852	50872.941	33.369	34593.605	24.563	1.025
2/10/2018 12:15	224100	19.417	14.544	43.739	40656.953	50802.621	33.318	34545.785	24.596	1.025
2/10/2018 12:30	225000	19.414	14.544	43.733	40669.945	50819.066	33.33	34556.965	24.588	1.025
2/10/2018 12:45	225900	19.411	14.544	43.725	40666.84	50816.16	33.328	34554.988	24.59	1.025
2/10/2018 13:00	226800	19.405	14.543	43.711	40674.168	50825.527	33.334	34561.359	24.586	1.025
2/10/2018 13:15	227700	19.4	14.543	43.7	40691.125	50846.719	33.35	34575.77	24.575	1.025
2/10/2018 13:30	228600	19.393	14.543	43.685	40690.879	50845.773	33.349	34575.125	24.576	1.025
2/10/2018 13:45	229500	19.386	14.545	43.669	40704.207	50861.129	33.361	34585.566	24.567	1.025
2/10/2018 14:00	230400	19.378	14.542	43.651	40704.543	50864.457	33.363	34587.832	24.567	1.025
2/10/2018 14:15	231300	19.374	14.544	43.643	40696.988	50852.324	33.354	34579.582	24.572	1.025
2/10/2018 14:30	232200	19.368	14.543	43.628	40682.352	50835.875	33.342	34568.398	24.581	1.025
2/10/2018 14:45	233100	19.364	14.543	43.619	40655.043	50802.176	33.317	34545.484	24.597	1.025
2/10/2018 15:00	234000	19.362	14.542	43.614	40686.957	50842.371	33.347	34572.816	24.578	1.025
2/10/2018 15:15	234900	19.35	14.544	43.589	40705.09	50862.66	33.362	34586.613	24.567	1.025
2/10/2018 15:30	235800	19.35	14.548	43.589	40707.629	50860.887	33.361	34585.402	24.565	1.025
2/10/2018 15:45	236700	19.345	14.543	43.576	40691.219	50846.727	33.35	34575.773	24.575	1.025
2/10/2018 16:00	237600	19.341	14.545	43.568	40682.641	50833.848	33.341	34567.016	24.581	1.025
2/10/2018 16:15	238500	19.335	14.546	43.554	40691.668	50843.629	33.348	34573.668	24.575	1.025
2/10/2018 16:30	239400	19.331	14.545	43.545	40692.559	50845.824	33.349	34575.16	24.575	1.025
2/10/2018 16:45	240300	19.326	14.547	43.535	40698.051	50851.907	33.353	34578.727	24.571	1.025
2/10/2018 17:00	241200	19.327	14.546	43.536	40707.934	50863.527	33.363	34587.199	24.565	1.025
2/10/2018 17:15	242100	19.323	14.545	43.528	40694.938	50848.465	33.351	34576.957	24.573	1.025
2/10/2018 17:30	243000	19.317	14.544	43.514	40668.383	50817.113	33.328	34555.637	24.589	1.025
2/10/2018 17:45	243900	19.322	14.547	43.524	40696.105	50848.531	33.352	34577.004	24.572	1.025
2/10/2018 18:00	244800	19.316	14.548	43.512	40688.066	50836.879	33.343	34569.082	24.577	1.025
2/10/2018 18:15	245700	19.315	14.546	43.508	40673.566	50820.695	33.331	34558.074	24.586	1.025
2/10/2018 18:30	246600	19.318	14.546	43.516	40693.793	50845.999	33.35	34575.262	24.574	1.025
2/10/2018 18:45	247500	19.314	14.545	43.506	40681.5	50832.008	33.339	34565.766	24.581	1.025
2/10/2018 19:00	248400	19.314	14.545	43.507	40668.66	50816.168	33.328	34554.996	24.589	1.025
2/10/2018 19:15	249300	19.314	14.548	43.506	40697.012	50848.484	33.352	34576.969	24.572	1.025
2/10/2018 19:30	250200	19.309	14.547	43.497	40715.699	50872.469	33.369	34593.281	24.561	1.025
2/10/2018 19:45	251100	19.307	14.545	43.491	40711.738	50870.105	33.367	34591.676	24.563	1.025
2/10/2018 20:00	252000	19.311	14.545	43.499	40670.109	50817.441	33.329	34555.863	24.588	1.025
2/10/2018 20:15	252900	19.307	14.547	43.491	40705.77	50859.742	33.36	34584.625	24.567	1.025
2/10/2018 20:30	253800	19.308	14.547	43.494	40679.906	50827.746	33.336	34562.871	24.582	1.025
2/10/2018 20:45	254700	19.306	14.549	43.489	40681.492	50827.914	33.337	34562.98	24.581	1.025
2/10/2018 21:00	255600	19.309	14.548	43.496	40703.238	50855.398	33.357	34581.672	24.568	1.025
2/10/2018 21:15	256500	19.307	14.546	43.491	40668.266	50814.719	33.327	34554.008	24.589	1.025
2/10/2018 21:30	257400	19.308	14.546	43.494	40693.055	50844.938	33.349	34574.563	24.574	1.025
2/10/2018 21:45	258300	19.309	14.546	43.496	40682.684	50832.734	33.34	34566.262	24.58	1.025
2/10/2018 22:00	259200	19.308	14.548	43.494	40690.34	50839.07	33.345	34570.566	24.576	1.025
2/10/2018 22:15	260100	19.312	14.548	43.501	40689.465	50838.844	33.345	34570.414	24.576	1.025
2/10/2018 22:30	261000	19.307	14.548	43.491	40709.148	50862.57	33.362	34586.547	24.565	1.025
2/10/2018 22:45	261900	19.314	14.548	43.506	40708.805	50863.219	33.362	34586.992	24.565	1.025
2/10/2018 23:00	262800	19.314	14.548	43.506	40677.57	50823.328	33.333	34559.863	24.584	1.025
2/10/2018 23:15	263700	19.312	14.548	43.501	40670.414	50814.492	33.327	34553.855	24.588	1.025
2/10/2018 23:30	264600	19.316	14.546	43.511	40691.367	50842.938	33.347	34573.199	24.575	1.025
2/10/2018 23:45	265500	19.31	14.55	43.498	40703.578	50854.105	33.356	34580.797	24.568	1.025
2/11/2018 0:00	266400	19.316	14.547	43.511	40659.539	50802.844	33.318	34545.938	24.594	1.025
2/11/2018 0:15	267300	19.315	14.549	43.509	40689.527	50836.973	33.343	34569.141	24.576	1.025
2/11/2018 0:30	268200	19.315	14.548	43.509	40669.352	50813.926	33.326	34553.469	24.589	1.025
2/11/2018 0:45	269100	19.312	14.549	43.501	40677.926	50822.691	33.333	34559.434	24.583	1.025
2/11/2018 1:00	270000	19.317	14.547	43.513	40685.457	50835.332	33.342	34568.027	24.579	1.025
2/11/2018 1:15	270900	19.318	14.547	43.516	40691.223	50841.789	33.347	34572.418	24.575	1.025
2/11/2018 1:30	271800	19.316	14.548	43.51	40696.461	50846.934	33.351	34575.918	24.572	1.025
2/11/2018 1:45	272700	19.312	14.549	43.502	40691.445	50839.695	33.345	34570.996	24.575	1.025
2/11/2018 2:00	273600	19.314	14.549	43.507	40686.93	50833.941	33.341	34567.086	24.578	1.025
2/11/2018 2:15	274500	19.314	14.548	43.506	40693.039	50843.203	33.348	34573.379	24.574	1.025
2/11/2018 2:30	275400	19.317	14.548	43.514	40678.289	50824.547	33.334	34560.691	24.583	1.025
2/11/2018 2:45	276300	19.312	14.55	43.502	40672.277	50814.016	33.327	34553.531	24.587	1.025
2/11/2018 3:00	277200	19.308	14.548	43.492	40683.488	50831.473	33.339	34565.402	24.58	1.025
2/11/2018 3:15	278100	19.316	14.547	43.511	40690.625	50841.043	33.346	34571.91	24.576	1.025
2/11/2018 3:30	279000	19.318	14.549	43.516	40693.379	50841.887	33.347	34572.488	24.574	1.025
2/11/2018 3:45	279900	19.312	14.547	43.501	40681.18	50829.672	33.338	34564.18	24.581	1.025
2/11/2018 4:00	280800	19.316	14.547	43.512	40674.93	50821.207	33.332	34558.422	24.585	1.025
2/11/2018 4:15	281700	19.316	14.55	43.511	40717.668	50871.16	3			

2/12/2018 3:00	363600	19.317	14.548	43.513	40678.945	50825.699	33.335	34561.477	24.583	1.025
2/12/2018 3:15	364500	19.319	14.549	43.518	40706.828	50859.57	33.36	34584.512	24.566	1.025
2/12/2018 3:30	365400	19.324	14.549	43.529	40691.121	50839.512	33.345	34570.871	24.575	1.025
2/12/2018 3:45	366300	19.327	14.548	43.536	40678.152	50823.844	33.334	34560.215	24.583	1.025
2/12/2018 4:00	367200	19.324	14.549	43.529	40692.961	50841.707	33.347	34572.359	24.574	1.025
2/12/2018 4:15	368100	19.333	14.546	43.548	40687.918	50838.832	33.344	34570.406	24.577	1.025
2/12/2018 4:30	369000	19.335	14.548	43.554	40672.453	50817.371	33.329	34555.813	24.587	1.025
2/12/2018 4:45	369900	19.337	14.548	43.559	40678.004	50824.523	33.334	34560.676	24.583	1.025
2/12/2018 5:00	370800	19.335	14.546	43.554	40718.031	50876.457	33.372	34595.992	24.559	1.025
2/12/2018 5:15	371700	19.341	14.549	43.568	40683.434	50830.008	33.338	34564.406	24.58	1.025
2/12/2018 5:30	372600	19.344	14.549	43.574	40679.086	50824.031	33.334	34560.34	24.583	1.025
2/12/2018 5:45	373500	19.344	14.55	43.574	40686.223	50832.207	33.34	34565.902	24.578	1.025
2/12/2018 6:00	374400	19.344	14.548	43.574	40662.109	50804.219	33.319	34546.867	24.593	1.025
2/12/2018 6:15	375300	19.353	14.546	43.594	40686.824	50838.125	33.344	34569.926	24.578	1.025
2/12/2018 6:30	376200	19.358	14.546	43.605	40651.516	50793.457	33.311	34539.551	24.599	1.025
2/12/2018 6:45	377100	19.359	14.547	43.608	40662.801	50806.375	33.321	34548.336	24.593	1.025
2/12/2018 7:00	378000	19.363	14.549	43.617	40675.281	50819.934	33.331	34557.555	24.585	1.025
2/12/2018 7:15	378900	19.37	14.548	43.633	40716.758	50872.836	33.369	34593.527	24.56	1.025
2/12/2018 7:30	379800	19.373	14.546	43.639	40695.953	50848.559	33.352	34577.023	24.572	1.025
2/12/2018 7:45	380700	19.378	14.546	43.65	40684.84	50835.219	33.342	34567.953	24.579	1.025
2/12/2018 8:00	381600	19.384	14.547	43.663	40674.594	50821.211	33.332	34558.422	24.585	1.025
2/12/2018 8:15	382500	19.394	14.548	43.687	40683.355	50830.559	33.339	34564.781	24.58	1.025
2/12/2018 8:30	383400	19.399	14.548	43.698	40673.863	50819.348	33.33	34557.16	24.586	1.025
2/12/2018 8:45	384300	19.402	14.545	43.705	40663.352	50809.746	33.323	34550.629	24.592	1.025
2/12/2018 9:00	385200	19.407	14.545	43.717	40639.941	50780.281	33.301	34530.59	24.606	1.025
2/12/2018 9:15	386100	19.414	14.547	43.732	40675.977	50823.273	33.333	34559.828	24.585	1.025
2/12/2018 9:30	387000	19.423	14.544	43.752	40677.738	50828.27	33.337	34563.227	24.583	1.025
2/12/2018 9:45	387900	19.433	14.544	43.775	40695.047	50849.797	33.352	34577.867	24.573	1.025
2/12/2018 10:00	388800	19.432	14.543	43.773	40682.641	50836.66	33.343	34568.93	24.581	1.025
2/12/2018 10:15	389700	19.437	14.544	43.784	40667.91	50816.973	33.328	34555.547	24.589	1.025
2/12/2018 10:30	390600	19.44	14.545	43.79	40692.816	50846.352	33.35	34575.52	24.574	1.025
2/12/2018 10:45	391500	19.444	14.543	43.799	40651.109	50796.605	33.313	34541.695	24.6	1.025
2/12/2018 11:00	392400	19.443	14.543	43.796	40666.496	50815.73	33.327	34554.695	24.59	1.025
2/12/2018 11:15	393300	19.443	14.542	43.797	40687.695	50843.082	33.347	34573.301	24.577	1.025
2/12/2018 11:30	394200	19.45	14.545	43.813	40702.004	50858.266	33.359	34583.621	24.569	1.025
2/12/2018 11:45	395100	19.456	14.543	43.826	40679.645	50832.371	33.339	34566.012	24.582	1.025
2/12/2018 12:00	396000	19.459	14.539	43.834	40651.941	50801.953	33.317	34545.328	24.599	1.025
2/12/2018 12:15	396900	19.457	14.54	43.829	40650.988	50800.652	33.316	34544.449	24.6	1.025
2/12/2018 12:30	397800	19.458	14.538	43.83	40666.645	50821.617	33.331	34558.699	24.59	1.025
2/12/2018 12:45	398700	19.46	14.54	43.835	40678.25	50833.66	33.34	34566.891	24.583	1.025
2/12/2018 13:00	399600	19.466	14.539	43.85	40692.172	50852.555	33.354	34579.738	24.575	1.025
2/12/2018 13:15	400500	19.462	14.538	43.839	40683.953	50843.785	33.347	34573.777	24.58	1.025
2/12/2018 13:30	401400	19.46	14.537	43.836	40662.445	50818.098	33.328	34556.309	24.593	1.025
2/12/2018 13:45	402300	19.458	14.537	43.83	40669.691	50826.832	33.335	34562.25	24.588	1.025
2/12/2018 14:00	403200	19.46	14.538	43.836	40636.605	50785.047	33.304	34533.832	24.608	1.025
2/12/2018 14:15	404100	19.454	14.537	43.822	40699.262	50864	33.362	34587.52	24.57	1.025
2/12/2018 14:30	405000	19.453	14.538	43.82	40673.051	50829.734	33.337	34564.219	24.586	1.025
2/12/2018 14:45	405900	19.448	14.539	43.808	40683.289	50842.211	33.346	34572.703	24.58	1.025
2/12/2018 15:00	406800	19.443	14.539	43.798	40655.785	50807.609	33.321	34549.18	24.597	1.025
2/12/2018 15:15	407700	19.44	14.535	43.79	40676.328	50837.82	33.343	34569.723	24.584	1.025
2/12/2018 15:30	408600	19.435	14.537	43.779	40681.539	50841.535	33.346	34572.246	24.581	1.025
2/12/2018 15:45	409500	19.43	14.537	43.767	40647.848	50799.746	33.315	34543.832	24.602	1.025
2/12/2018 16:00	410400	19.424	14.537	43.754	40646.82	50798.664	33.314	34543.094	24.602	1.025
2/12/2018 16:15	411300	19.42	14.538	43.745	40682.16	50841.98	33.346	34572.547	24.581	1.025
2/12/2018 16:30	412200	19.413	14.539	43.729	40653.387	50804.734	33.319	34547.223	24.598	1.025
2/12/2018 16:45	413100	19.409	14.537	43.72	40650.195	50802.566	33.317	34545.746	24.6	1.025
2/12/2018 17:00	414000	19.406	14.538	43.714	40671.102	50827.621	33.336	34562.781	24.587	1.025
2/12/2018 17:15	414900	19.401	14.537	43.702	40665.637	50821.664	33.331	34558.73	24.591	1.025
2/12/2018 17:30	415800	19.4	14.538	43.7	40674.227	50831.09	33.338	34565.145	24.586	1.025
2/12/2018 17:45	416700	19.394	14.541	43.687	40682.496	50838.195	33.344	34569.973	24.581	1.025
2/12/2018 18:00	417600	19.386	14.537	43.669	40651.166	50804.508	33.319	34547.07	24.599	1.025
2/12/2018 18:15	418500	19.384	14.535	43.663	40662.359	50820.566	33.33	34557.988	24.593	1.025
2/12/2018 18:30	419400	19.38	14.538	43.656	40685.07	50844.645	33.348	34574.359	24.579	1.025
2/12/2018 18:45	420300	19.378	14.536	43.65	40668.508	50827.168	33.335	34562.473	24.589	1.025
2/12/2018 19:00	421200	19.374	14.537	43.643	40675.781	50835.301	33.341	34568.004	24.585	1.025
2/12/2018 19:15	422100	19.375	14.539	43.643	40673.766	50829.441	33.337	34564.023	24.586	1.025
2/12/2018 19:30	423000	19.365	14.537	43.621	40684.84	50845.863	33.349	34575.188	24.579	1.025
2/12/2018 19:45	423900	19.364	14.538	43.619	40645.285	50795.895	33.312	34541.211	24.603	1.025
2/12/2018 20:00	424800	19.364	14.539	43.619	40682.141	50839.695	33.344	34570.996	24.581	1.025
2/12/2018 20:15	425700	19.359	14.54	43.608	40672.082	50826.156	33.335	34561.785	24.587	1.025
2/12/2018 20:30	426600	19.363	14.538	43.616	40642.172	50791.902	33.309	34538.492	24.605	1.025
2/12/2018 20:45	427500	19.359	14.54	43.608	40705.664	50868.98	33.366	34590.906	24.567	1.025
2/12/2018 21:00	428400	19.364	14.539	43.619	40659.258	50812.281	33.324	34552.352	24.595	1.025
2/12/2018 21:15	429300	19.36	14.537	43.611	40624.699	50770.391	33.294	34523.867	24.616	1.025
2/12/2018 21:30	430200	19.356	14.541	43.602	40656.816	50806.762	33.332	34548.598	24.596	1.025
2/12/2018 21:45	431100	19.359	14.537	43.609	40639.148	50788.559	33.307	34536.219	24.607	1.025
2/12/2018 22:00	432000	19.36	14.539	43.611	40655.23	50806.602	33.32	34548.488	24.597	1.025
2/12/2018 22:15	432900	19.362	14.54	43.615	40674.879	50829.871	33.337	34564.316	24.585	1.025
2/12/2018 22:30	433800	19.364	14.538	43.62	40649.074	50799.773	33.315	34543.852	24.601	1.025
2/12/2018 22:45	434700	19.367	14.539	43.627	40673.816	50830.266	33.338	34564.582	24.586	1.025
2/12/2018 23:00	435600	19.374	14.539	43.641	40647.348	50796.426	33.313	34541.574	24.602	1.025
2/12/2018 23:15	436500	19.372	14.54	43.637	40662.953	50814.855	33.326	34554.105	24.592	1.025
2/12/2018 23:30	437400	19.378	14.541	43.651	40674.125	50828.066	33.336	34563.086	24.586	1.025
2/12/2018 23:45	438300	19.377	14.538	43.648	40682.719	50842.574	33.346	34572.953	24.58	1.025
2/13/2018 0:00	439200	19.385	14.537	43.667	40663.207	50819.484	33.329	34557.25	24.592	1.025
2/13/2018 0:15	440100	19.382	14.536	43.66	40677.277	50838.238	33.343	34570.008	24.584	1.025
2/13/2018 0:30	441000	19.386	14.537	43.669	40656.891	50811.48	33.324	34551.813	24.596	1.025
2/13/2018 0:45	441900	19.384	14.539	43.663	40651.758	50802.809	33.317	34545.914	24.5	

2/13/2018 23:30	523800	19.374	14.53	43.643	40647.941	50808.035	33.321	34549.465	24.601	1.025
2/13/2018 23:45	524700	19.375	14.533	43.643	40657.094	50816.777	33.327	34555.414	24.596	1.025
2/14/2018 0:00	525600	19.375	14.531	43.643	40639.867	50797.617	33.313	34542.383	24.606	1.025
2/14/2018 0:15	526500	19.381	14.531	43.657	40686.711	50856.168	33.356	34582.195	24.578	1.025
2/14/2018 0:30	527400	19.381	14.531	43.657	40656.668	50817.559	33.328	34555.941	24.596	1.025
2/14/2018 0:45	528300	19.382	14.533	43.661	40662.121	50822.848	33.332	34559.535	24.593	1.025
2/14/2018 1:00	529200	19.38	14.531	43.656	40629.688	50785.012	33.304	34533.809	24.613	1.025
2/14/2018 1:15	530100	19.381	14.529	43.657	40656.07	50819.926	33.329	34557.551	24.597	1.025
2/14/2018 1:30	531000	19.384	14.532	43.663	40673.598	50837.953	33.343	34569.809	24.586	1.025
2/14/2018 1:45	531900	19.384	14.533	43.663	40653.48	50811.727	33.323	34551.977	24.598	1.025
2/14/2018 2:00	532800	19.387	14.531	43.671	40671.871	50836.563	33.342	34568.867	24.587	1.025
2/14/2018 2:15	533700	19.39	14.53	43.677	40663.215	50827.883	33.335	34562.961	24.592	1.025
2/14/2018 2:30	534600	19.392	14.53	43.681	40638.379	50795.977	33.312	34541.266	24.607	1.025
2/14/2018 2:45	535500	19.389	14.53	43.675	40653.508	50815.324	33.326	34554.426	24.598	1.025
2/14/2018 3:00	536400	19.388	14.531	43.673	40661.355	50823.938	33.332	34560.281	24.593	1.025
2/14/2018 3:15	537300	19.387	14.532	43.671	40675.738	50841.055	33.345	34571.918	24.585	1.025
2/14/2018 3:30	538200	19.387	14.53	43.671	40657.895	50821.453	33.33	34558.59	24.595	1.025
2/14/2018 3:45	539100	19.391	14.53	43.679	40693.098	50865.125	33.362	34588.289	24.574	1.025
2/14/2018 4:00	540000	19.385	14.529	43.666	40617.219	50771.785	33.294	34524.816	24.62	1.025
2/14/2018 4:15	540900	19.386	14.531	43.669	40652.695	50813.113	33.324	34552.922	24.599	1.025
2/14/2018 4:30	541800	19.386	14.53	43.669	40684.355	50853.984	33.354	34580.711	24.579	1.025
2/14/2018 4:45	542700	19.386	14.531	43.669	40636.918	50793.289	33.31	34539.441	24.608	1.025
2/14/2018 5:00	543600	19.386	14.532	43.669	40678.289	50844.141	33.347	34574.016	24.583	1.025
2/14/2018 5:15	544500	19.385	14.531	43.667	40644.758	50803.848	33.317	34546.621	24.603	1.025
2/14/2018 5:30	545400	19.387	14.531	43.672	40658.234	50819.621	33.329	34557.348	24.595	1.025
2/14/2018 5:45	546300	19.389	14.53	43.677	40653.602	50815.641	33.326	34554.637	24.598	1.025
2/14/2018 6:00	547200	19.387	14.532	43.671	40652.117	50811.324	33.323	34551.699	24.599	1.025
2/14/2018 6:15	548100	19.389	14.531	43.675	40639.434	50797.195	33.313	34542.094	24.607	1.025
2/14/2018 6:30	549000	19.394	14.528	43.686	40631.387	50789.727	33.307	34537.02	24.612	1.025
2/14/2018 6:45	549900	19.399	14.53	43.699	40632.648	50789.676	33.307	34536.984	24.611	1.025
2/14/2018 7:00	550800	19.398	14.531	43.697	40631.023	50785.824	33.304	34534.363	24.612	1.025
2/14/2018 7:15	551700	19.406	14.529	43.714	40649.293	50810.914	33.323	34551.422	24.601	1.025
2/14/2018 7:30	552600	19.409	14.531	43.72	40665.09	50828.504	33.336	34563.387	24.591	1.025
2/14/2018 7:45	553500	19.41	14.531	43.723	40636.832	50793.285	33.31	34539.438	24.608	1.025
2/14/2018 8:00	554400	19.411	14.534	43.724	40675.102	50837.887	33.343	34569.762	24.585	1.025
2/14/2018 8:15	555300	19.42	14.53	43.746	40623.43	50777.828	33.298	34528.922	24.616	1.025
2/14/2018 8:30	556200	19.428	14.532	43.763	40678.316	50844.074	33.347	34573.977	24.583	1.025
2/14/2018 8:45	557100	19.436	14.53	43.781	40644.109	50803.891	33.317	34546.645	24.604	1.025
2/14/2018 9:00	558000	19.446	14.529	43.803	40655.668	50819.844	33.329	34557.496	24.597	1.025
2/14/2018 9:15	558900	19.451	14.53	43.814	40667.586	50832.484	33.338	34566.09	24.59	1.025
2/14/2018 9:30	559800	19.455	14.53	43.824	40663.574	50828.008	33.335	34563.051	24.592	1.025
2/14/2018 9:45	560700	19.455	14.528	43.823	40652.742	50816.625	33.327	34555.305	24.599	1.025
2/14/2018 10:00	561600	19.46	14.528	43.836	40660.121	50825.738	33.333	34561.504	24.594	1.025
2/14/2018 10:15	562500	19.462	14.53	43.839	40650.027	50811.074	33.323	34551.531	24.6	1.025
2/14/2018 10:30	563400	19.464	14.529	43.844	40658.52	50822.449	33.331	34559.27	24.595	1.025
2/14/2018 10:45	564300	19.471	14.528	43.86	40633.852	50793.438	33.31	34539.539	24.61	1.025
2/14/2018 11:00	565200	19.477	14.528	43.873	40654.59	50819.043	33.328	34556.949	24.597	1.025
2/14/2018 11:15	566100	19.482	14.529	43.885	40652.449	50815.188	33.326	34554.328	24.599	1.025
2/14/2018 11:30	567000	19.483	14.526	43.887	40662.984	50832.02	33.338	34565.777	24.592	1.025
2/14/2018 11:45	567900	19.49	14.525	43.903	40649.215	50816.094	33.326	34554.945	24.601	1.025
2/14/2018 12:00	568800	19.492	14.528	43.908	40634.066	50794.02	33.31	34539.938	24.61	1.025
2/14/2018 12:15	569700	19.491	14.526	43.904	40680.125	50853.652	33.354	34580.484	24.582	1.025
2/14/2018 12:30	570600	19.496	14.526	43.916	40644.539	50808.617	33.321	34549.863	24.604	1.025
2/14/2018 12:45	571500	19.498	14.526	43.921	40642.027	50805.598	33.318	34547.809	24.605	1.025
2/14/2018 13:00	572400	19.497	14.526	43.918	40656.41	50824.117	33.332	34560.402	24.596	1.025
2/14/2018 13:15	573300	19.5	14.525	43.926	40626.355	50787.406	33.305	34535.438	24.615	1.025
2/14/2018 13:30	574200	19.504	14.525	43.936	40623.734	50784.871	33.303	34533.715	24.616	1.025
2/14/2018 13:45	575100	19.505	14.525	43.937	40639.793	50804.203	33.317	34546.859	24.606	1.025
2/14/2018 14:00	576000	19.505	14.525	43.938	40676	50849.152	33.35	34577.426	24.585	1.025
2/14/2018 14:15	576900	19.506	14.525	43.94	40669.027	50840.313	33.344	34571.414	24.589	1.025
2/14/2018 14:30	577800	19.5	14.525	43.926	40619.863	50779.93	33.299	34530.355	24.618	1.025
2/14/2018 14:45	578700	19.497	14.524	43.918	40639.434	50804.938	33.318	34547.359	24.607	1.025
2/14/2018 15:00	579600	19.491	14.524	43.905	40665.598	50837.648	33.342	34569.602	24.591	1.025
2/14/2018 15:15	580500	19.492	14.526	43.908	40633.512	50795.723	33.311	34541.094	24.61	1.025
2/14/2018 15:30	581400	19.489	14.524	43.9	40645.211	50812.91	33.324	34552.781	24.603	1.025
2/14/2018 15:45	582300	19.481	14.524	43.884	40634.145	50798.965	33.313	34543.297	24.61	1.025
2/14/2018 16:00	583200	19.474	14.523	43.868	40645.258	50814.051	33.324	34553.555	24.603	1.025
2/14/2018 16:15	584100	19.468	14.525	43.853	40643.578	50809.16	33.321	34550.23	24.604	1.025
2/14/2018 16:30	585000	19.467	14.521	43.851	40632.055	50799.047	33.313	34543.355	24.611	1.025
2/14/2018 16:45	585900	19.464	14.523	43.844	40660.445	50833.141	33.338	34566.535	24.594	1.025
2/14/2018 17:00	586800	19.457	14.524	43.828	40649.121	50817.266	33.327	34555.746	24.601	1.025
2/14/2018 17:15	587700	19.453	14.523	43.82	40641.258	50809.051	33.321	34550.16	24.606	1.025
2/14/2018 17:30	588600	19.448	14.523	43.809	40651.473	50821.5	33.33	34558.625	24.599	1.025
2/14/2018 17:45	589500	19.443	14.524	43.797	40661.879	50832.785	33.338	34566.297	24.593	1.025
2/14/2018 18:00	590400	19.433	14.524	43.775	40626.828	50789.504	33.306	34536.867	24.614	1.025
2/14/2018 18:15	591300	19.429	14.524	43.765	40651.113	50819.977	33.329	34557.586	24.6	1.025
2/14/2018 18:30	592200	19.426	14.525	43.759	40649.625	50816.82	33.327	34555.438	24.6	1.025
2/14/2018 18:45	593100	19.42	14.526	43.746	40612.816	50769.512	33.292	34523.27	24.623	1.025
2/14/2018 19:00	594000	19.414	14.525	43.732	40642.238	50807.262	33.32	34548.938	24.605	1.025
2/14/2018 19:15	594900	19.416	14.523	43.737	40648.734	50818.289	33.327	34556.438	24.601	1.025
2/14/2018 19:30	595800	19.409	14.524	43.72	40618.773	50779.438	33.299	34530.023	24.619	1.025
2/14/2018 19:45	596700	19.401	14.522	43.702	40633.445	50800.145	33.314	34544.098	24.61	1.025
2/14/2018 20:00	597600	19.398	14.524	43.697	40622.48	50783.961	33.302	34533.098	24.617	1.025
2/14/2018 20:15	598500	19.398	14.526	43.696	40621.246	50779.73	33.299	34530.219	24.618	1.025
2/14/2018 20:30	599400	19.396	14.523	43.691	40662.527	50835.746	33.34	34568.309	24.593	1.025
2/14/2018 20:45	600300	19.389	14.525	43.675	40654.727	50823.301	33.331	34559.844	24.597	1.025
2/14/2018 21:00	601200	19.386	14.527	43.669	40637.352	50798.57	33.313	34543.031	24.608	1.025
2/14/2018 21:15	602100	19.387	14.526	43.671	40621.609	50780.934	33.3	34531.035	24.617	

2/8/2018 17:00	68400	124.346	19.636	280.102	41667.582	46424.16	30.433	31.568	23.999	1.021	14.781
2/8/2018 17:15	69300	124.368	19.619	280.151	41665.234	46437.984	30.442	31.578	24.001	1.021	14.778
2/8/2018 17:30	70200	124.39	19.623	280.199	41667.828	46437.266	30.442	31.577	23.999	1.021	14.772
2/8/2018 17:45	71100	124.394	19.616	280.209	41662.711	46438.02	30.442	31.578	24.002	1.021	14.778
2/8/2018 18:00	72000	124.411	19.627	280.249	41654.238	46417.641	30.428	31.564	24.007	1.021	14.768
2/8/2018 18:15	72900	124.414	19.622	280.254	41669.246	46439.789	30.444	31.579	23.999	1.021	14.767
2/8/2018 18:30	73800	124.416	19.628	280.259	41667.156	46431.699	30.438	31.574	24.002	1.021	14.776
2/8/2018 18:45	74700	124.391	19.623	280.202	41692.023	46463.535	30.461	31.595	23.985	1.021	14.775
2/8/2018 19:00	75600	124.426	19.617	280.282	41639.563	46411.523	30.423	31.56	24.016	1.021	14.771
2/8/2018 19:15	76500	124.417	19.62	280.262	41650.629	46420.328	30.429	31.566	24.009	1.021	14.776
2/8/2018 19:30	77400	124.416	19.632	280.259	41700.816	46465.238	30.463	31.596	23.98	1.021	14.775
2/8/2018 19:45	78300	124.422	19.634	280.272	41706.703	46468.263	30.466	31.599	23.977	1.021	14.767
2/8/2018 20:00	79200	124.407	19.627	280.239	41572.02	46422.289	30.432	31.574	24.003	1.021	14.774
2/8/2018 20:15	80100	124.4	19.631	280.222	41661.352	46421.348	30.431	31.567	24.003	1.021	14.776
2/8/2018 20:30	81000	124.391	19.634	280.204	41719.559	46483.613	30.476	31.609	23.97	1.021	14.779
2/8/2018 20:45	81900	124.387	19.629	280.193	41658.34	46420.922	30.43	31.566	24.005	1.021	14.774
2/8/2018 21:00	82800	124.382	19.634	280.182	41738.184	46504.449	30.492	31.623	23.959	1.021	14.773
2/8/2018 21:15	83700	124.368	19.633	280.15	41677.469	46437.414	30.443	31.577	23.994	1.021	14.776
2/8/2018 21:30	84600	124.358	19.626	280.129	41691.738	46461.066	30.459	31.594	23.986	1.021	14.781
2/8/2018 21:45	85500	124.356	19.613	280.124	41681.09	46461.688	30.459	31.594	23.992	1.021	14.78
2/8/2018 22:00	86400	124.335	19.612	280.076	41665.066	46444.262	30.447	31.582	24.001	1.021	14.788
2/8/2018 22:15	87300	124.346	19.616	280.102	41668.934	46445.215	30.447	31.583	23.999	1.021	14.778
2/8/2018 22:30	88200	124.325	19.627	280.054	41671.684	46437.594	30.442	31.578	23.997	1.021	14.788
2/8/2018 22:45	89100	124.318	19.62	280.038	41644.82	46411.277	30.423	31.56	24.014	1.021	14.787
2/8/2018 23:00	90000	124.316	19.624	280.035	41654.488	46424.375	30.432	31.569	24.007	1.021	14.783
2/8/2018 23:15	90900	124.335	19.624	280.077	41670.172	46438.23	30.443	31.578	23.998	1.021	14.786
2/8/2018 23:30	91800	124.307	19.628	280.013	41676.387	46441.195	30.445	31.58	23.994	1.021	14.786
2/8/2018 23:45	92700	124.31	19.617	280.021	41661.859	46435.953	30.441	31.576	24.003	1.021	14.784
2/9/2018 0:00	93600	124.316	19.619	280.033	41690.355	46465.734	30.463	31.597	23.986	1.021	14.781
2/9/2018 0:15	94500	124.324	19.625	280.052	41678.496	46446.402	30.449	31.584	23.993	1.021	14.778
2/9/2018 0:30	95400	124.329	19.626	280.063	41657.418	46422.137	30.431	31.567	24.005	1.021	14.782
2/9/2018 0:45	96300	124.336	19.624	280.079	41685.188	46455.313	30.455	31.59	23.989	1.021	14.777
2/9/2018 1:00	97200	124.36	19.614	280.133	41641.906	46416.984	30.427	31.564	24.014	1.021	14.77
2/9/2018 1:15	98100	124.359	19.634	280.132	41657.664	46414.496	30.426	31.562	24.005	1.021	14.774
2/9/2018 1:30	99000	124.378	19.631	280.174	41700.797	46465.902	30.463	31.597	23.98	1.021	14.774
2/9/2018 1:45	99900	124.388	19.63	280.196	41697.676	46463.375	30.461	31.595	23.982	1.021	14.777
2/9/2018 2:00	100800	124.404	19.627	280.277	41671.141	46437.175	30.442	31.577	23.972	1.021	14.763
2/9/2018 2:15	101700	124.431	19.63	280.294	41692.813	46457.52	30.457	31.591	23.985	1.021	14.772
2/9/2018 2:30	102600	124.46	19.635	280.358	41706.191	46468.043	30.465	31.598	23.977	1.021	14.766
2/9/2018 2:45	103500	124.482	19.617	280.407	41647.781	46420.863	30.43	31.566	24.011	1.021	14.766
2/9/2018 3:00	104400	124.51	19.62	280.471	41646.266	46415.895	30.426	31.563	24.012	1.021	14.759
2/9/2018 3:15	105300	124.523	19.618	280.499	41678.047	46452.789	30.453	31.588	23.993	1.021	14.767
2/9/2018 3:30	106200	124.548	19.627	280.548	41661.355	46428.948	30.463	31.572	24.003	1.021	14.763
2/9/2018 3:45	107100	124.564	19.624	280.594	41669.32	46437.457	30.442	31.577	23.998	1.021	14.762
2/9/2018 4:00	108000	124.584	19.634	280.637	41676.781	46436.473	30.442	31.577	23.994	1.021	14.761
2/9/2018 4:15	108900	124.616	19.616	280.71	41691.074	46469.461	30.465	31.599	23.986	1.021	14.757
2/9/2018 4:30	109800	124.635	19.624	280.753	41669.926	46438.387	30.443	31.578	23.998	1.021	14.751
2/9/2018 4:45	110700	124.643	19.622	280.77	41711.477	46486.938	30.478	31.611	23.974	1.021	14.757
2/9/2018 5:00	111600	124.66	19.627	280.805	41686.922	46454.786	30.455	31.589	23.988	1.021	14.753
2/9/2018 5:15	112500	124.667	19.615	280.826	41682.648	46461.109	30.459	31.594	23.991	1.021	14.755
2/9/2018 5:30	113400	124.686	19.613	280.866	41704.078	46487.148	30.478	31.611	23.978	1.021	14.753
2/9/2018 5:45	114300	124.689	19.622	280.874	41696.328	46470.148	30.466	31.6	23.983	1.021	14.752
2/9/2018 6:00	115200	124.689	19.629	280.875	41708.859	46476.523	30.471	31.604	23.976	1.021	14.75
2/9/2018 6:15	116100	124.687	19.619	280.87	41697.449	46473.801	30.469	31.602	23.982	1.021	14.752
2/9/2018 6:30	117000	124.682	19.625	280.858	41674.684	46442.832	30.446	31.581	23.995	1.021	14.752
2/9/2018 6:45	117900	124.681	19.619	280.856	41678.879	46463.961	30.454	31.589	23.993	1.021	14.748
2/9/2018 7:00	118800	124.666	19.625	280.823	41700.375	46471.121	30.467	31.6	23.981	1.021	14.754
2/9/2018 7:15	119700	124.644	19.623	280.773	41689.543	46460.688	30.459	31.593	23.987	1.021	14.76
2/9/2018 7:30	120600	124.626	19.63	280.733	41715.57	46482.973	30.476	31.608	23.972	1.021	14.765
2/9/2018 7:45	121500	124.608	19.636	280.691	41712.723	46473.941	30.469	31.602	23.974	1.021	14.765
2/9/2018 8:00	122400	124.591	19.622	280.653	41703.082	46476.988	30.471	31.604	23.979	1.021	14.762
2/9/2018 8:15	123300	124.553	19.624	280.567	41618.793	46493.115	30.483	31.615	23.987	1.021	14.771
2/9/2018 8:30	124200	124.528	19.63	280.513	41651.879	46412.684	30.424	31.561	24.009	1.021	14.767
2/9/2018 8:45	125100	124.501	19.627	280.45	41695.52	46464.156	30.462	31.596	23.983	1.021	14.767
2/9/2018 9:00	126000	124.466	19.621	280.372	41677.574	46449.414	30.451	31.586	23.994	1.021	14.764
2/9/2018 9:15	126900	124.442	19.62	280.317	41675.965	46448.566	30.45	31.585	23.995	1.021	14.762
2/9/2018 9:30	127800	124.398	19.636	280.218	41671.434	46428.195	30.436	31.571	23.997	1.021	14.771
2/9/2018 9:45	128700	124.367	19.626	280.149	41667.996	46434.49	30.44	31.575	23.999	1.021	14.768
2/9/2018 10:00	129600	124.34	19.631	280.088	41705.93	46471.715	30.468	31.601	23.977	1.021	14.762
2/9/2018 10:15	130500	124.3	19.633	279.999	41636.211	46392.309	30.41	31.547	24.018	1.021	14.764
2/9/2018 10:30	131400	124.272	19.626	279.935	41649.965	46413.738	30.425	31.561	24.01	1.021	14.764
2/9/2018 10:45	132300	124.226	19.634	279.831	41646.684	46402.418	30.417	31.554	24.012	1.021	14.767
2/9/2018 11:00	133200	124.201	19.622	279.774	41638.891	46405.39	30.419	31.556	24.016	1.021	14.761
2/9/2018 11:15	134100	124.168	19.624	279.701	41618.77	46382.129	30.401	31.539	24.028	1.021	14.759
2/9/2018 11:30	135000	124.148	19.619	279.654	41640.234	46410.211	30.422	31.559	24.015	1.021	14.755
2/9/2018 11:45	135900	124.111	19.624	279.573	41647.785	46413.117	30.424	31.561	24.011	1.021	14.758
2/9/2018 12:00	136800	124.094	19.618	279.533	41633.023	46403.555	30.417	31.554	24.019	1.021	14.749
2/9/2018 12:15	137700	124.064	19.625	279.465	41665.496	46432.336	30.438	31.574	24.001	1.021	14.748
2/9/2018 12:30	138600	124.043	19.624	279.42	41664.582	46431.914	30.438	31.574	24.001	1.021	14.749
2/9/2018 12:45	139500	124.025	19.627	279.378	41665.063	46420.978	30.431	31.566	24.001	1.021	14.743
2/9/2018 13:00	140400	124.023	19.626	279.375	41668.508	46434.914	30.44	31.576	23.999	1.021	14.737
2/9/2018 13:15	141300	124.01	19.623	279.344	41637.391	46402.566	30.417	31.554	24.017	1.021	14.734
2/9/2018 13:30	142200	123.997	19.631	279.315	41645.43	46404.035	30.418	31.555			

2/10/2018 21:45	258300	124.309	19.626	280.018	41670.871	46437.383	30.442	31.577	23.998	1.021	14.697
2/10/2018 22:00	259200	124.312	19.62	280.026	41620.867	46387.422	30.405	31.543	24.026	1.021	14.693
2/10/2018 22:15	260100	124.295	19.619	279.987	41632.945	46401.832	30.416	31.553	24.019	1.021	14.698
2/10/2018 22:30	261000	124.286	19.63	279.967	41664.914	46426.434	30.434	31.57	24.001	1.021	14.694
2/10/2018 22:45	261900	124.277	19.627	279.946	41649.137	46411.781	30.424	31.56	24.01	1.021	14.699
2/10/2018 22:00	262800	124.261	19.626	279.91	41638.988	46402.621	30.417	31.554	24.015	1.021	14.701
2/10/2018 23:15	263700	124.255	19.628	279.897	41631.952	46391.667	30.409	31.562	24.009	1.021	14.696
2/10/2018 23:30	264600	124.24	19.631	279.863	41652.91	46412.023	30.424	31.56	24.008	1.021	14.702
2/10/2018 23:45	265500	124.231	19.627	279.842	41659.801	46424.004	30.432	31.568	24.004	1.021	14.702
2/11/2018 0:00	266400	124.224	19.614	279.827	41638.645	46412.918	30.424	31.561	24.016	1.021	14.704
2/11/2018 0:15	267300	124.219	19.616	279.815	41616.09	46385.879	30.404	31.542	24.029	1.021	14.701
2/11/2018 0:30	268200	124.21	19.616	279.794	41663.996	46439.879	30.444	31.579	24.002	1.021	14.707
2/11/2018 0:45	269100	124.191	19.614	279.753	41664.91	46435.242	30.434	31.569	24	1.021	14.71
2/11/2018 1:00	270000	124.18	19.633	279.728	41668.512	46427.598	30.435	31.571	23.999	1.021	14.714
2/11/2018 1:15	270900	124.181	19.632	279.729	41667.16	46427.563	30.435	31.571	24	1.021	14.714
2/11/2018 1:30	271800	124.186	19.623	279.741	41628.996	46393.211	30.41	31.547	24.022	1.021	14.712
2/11/2018 1:45	272700	124.194	19.614	279.758	41602.512	46372.551	30.394	31.533	24.037	1.021	14.706
2/11/2018 2:00	273600	124.177	19.618	279.721	41646.449	46418	30.428	31.564	24.012	1.021	14.712
2/11/2018 2:15	274500	124.19	19.62	279.751	41651.234	46421.871	30.431	31.567	24.009	1.021	14.717
2/11/2018 2:30	275400	124.203	19.617	279.779	41635.285	46406.938	30.42	31.557	24.018	1.021	14.713
2/11/2018 2:45	276300	124.222	19.626	279.823	41644.676	46408.273	30.421	31.558	24.013	1.021	14.702
2/11/2018 3:00	277200	124.23	19.621	279.839	41638.387	46405.914	30.419	31.556	24.016	1.021	14.714
2/11/2018 3:15	278100	124.237	19.618	279.857	41632.688	46402.32	30.416	31.554	24.02	1.021	14.714
2/11/2018 3:30	279000	124.256	19.616	279.898	41634.203	46406.844	30.419	31.557	24.019	1.021	14.719
2/11/2018 3:45	279900	124.281	19.617	279.955	41668.789	46413.578	30.446	31.582	23.999	1.021	14.717
2/11/2018 4:00	280800	124.329	19.618	280.064	41634.031	46404.34	30.418	31.555	24.019	1.021	14.718
2/11/2018 4:15	281700	124.317	19.628	280.035	41666.309	46430.23	30.437	31.573	24	1.021	14.714
2/11/2018 4:30	282600	124.339	19.619	280.086	41654.836	46426.23	30.434	31.57	24.007	1.021	14.711
2/11/2018 4:45	283500	124.373	19.616	280.163	41612.398	46381.938	30.401	31.54	24.031	1.021	14.712
2/11/2018 5:00	284400	124.397	19.626	280.216	41617.852	46378.555	30.399	31.537	24.028	1.021	14.709
2/11/2018 5:15	285300	124.423	19.632	280.274	41613.078	46382.695	30.402	31.54	24.031	1.021	14.708
2/11/2018 5:30	286200	124.446	19.618	280.326	41636.461	46407.121	30.42	31.557	24.017	1.021	14.708
2/11/2018 5:45	287100	124.452	19.632	280.341	41656.582	46415.43	30.426	31.562	24.006	1.021	14.713
2/11/2018 6:00	288000	124.491	19.634	280.428	41696.996	46458.832	30.458	31.592	23.983	1.021	14.7
2/11/2018 6:15	288900	124.509	19.628	280.468	41662.707	46426.387	30.434	31.57	24.002	1.021	14.708
2/11/2018 6:30	289800	124.519	19.635	280.49	41681.434	46440.539	30.445	31.58	23.991	1.021	14.705
2/11/2018 6:45	290700	124.531	19.629	280.519	41629.25	46388.243	30.406	31.544	24.022	1.021	14.712
2/11/2018 7:00	291600	124.54	19.617	280.539	41625.98	46396.473	30.412	31.55	24.023	1.021	14.713
2/11/2018 7:15	292500	124.553	19.624	280.568	41653.48	46419.805	30.429	31.565	24.008	1.021	14.712
2/11/2018 7:30	293400	124.547	19.616	280.553	41646.359	46420.395	30.429	31.566	24.012	1.021	14.716
2/11/2018 7:45	294300	124.551	19.621	280.563	41667.93	46438.668	30.443	31.578	23.999	1.021	14.711
2/11/2018 8:00	295200	124.558	19.631	280.579	41675.395	46437.688	30.443	31.578	23.995	1.021	14.707
2/11/2018 8:15	296100	124.584	19.629	280.624	41641.496	46402.152	30.417	31.553	24.017	1.021	14.713
2/11/2018 8:30	297000	124.526	19.62	280.506	41625.395	46392.973	30.409	31.547	24.024	1.021	14.717
2/11/2018 8:45	297900	124.517	19.625	280.487	41627.406	46390.145	30.408	31.545	24.023	1.021	14.711
2/11/2018 9:00	298800	124.48	19.625	280.404	41691.105	46460.793	30.459	31.593	23.986	1.021	14.724
2/11/2018 9:15	299700	124.475	19.614	280.393	41653.238	46429.188	30.436	31.572	24.008	1.021	14.713
2/11/2018 9:30	300600	124.445	19.628	280.324	41669.188	46433.176	30.439	31.575	23.999	1.021	14.714
2/11/2018 9:45	301500	124.445	19.629	280.257	41630.594	46389.574	30.407	31.545	24.021	1.021	14.715
2/11/2018 10:00	302400	124.381	19.626	280.181	41650.379	46414.109	30.425	31.562	24.009	1.021	14.714
2/11/2018 10:15	303300	124.34	19.631	280.089	41638.219	46396.445	30.412	31.55	24.016	1.021	14.715
2/11/2018 10:30	304200	124.304	19.627	280.007	41652.898	46416.238	30.427	31.563	24.008	1.021	14.712
2/11/2018 10:45	305100	124.254	19.633	279.895	41668.023	46426.887	30.435	31.57	23.999	1.021	14.717
2/11/2018 11:00	306000	124.217	19.629	279.811	41634.363	46394.207	30.411	31.548	24.019	1.021	14.719
2/11/2018 11:15	306900	124.167	19.629	279.699	41638.891	46398.559	30.414	31.551	24.016	1.021	14.72
2/11/2018 11:30	307800	124.137	19.629	279.653	41657.742	46430.613	30.437	31.573	23.999	1.021	14.719
2/11/2018 11:45	308700	124.093	19.629	279.533	41643.43	46403.449	30.418	31.554	24.013	1.021	14.71
2/11/2018 12:00	309600	124.038	19.634	279.409	41628.746	46382.176	30.402	31.54	24.022	1.021	14.711
2/11/2018 12:15	310500	124.005	19.634	279.334	41658.871	46416.52	30.427	31.563	24.004	1.021	14.704
2/11/2018 12:30	311400	123.965	19.621	279.244	41600.504	46363.777	30.388	31.527	24.038	1.021	14.7
2/11/2018 12:45	312300	123.929	19.629	279.162	41689.402	46455.492	30.456	31.59	23.987	1.021	14.695
2/11/2018 13:00	313200	123.893	19.624	279.08	41676.18	46415.719	30.441	31.58	23.995	1.021	14.676
2/11/2018 13:15	314100	123.85	19.633	278.984	41632.938	46387.797	30.406	31.544	24.019	1.021	14.695
2/11/2018 13:30	315000	123.836	19.62	278.952	41618.938	46385.18	30.404	31.542	24.028	1.021	14.687
2/11/2018 13:45	315900	123.817	19.619	278.91	41601.598	46366.809	30.39	31.529	24.038	1.021	14.674
2/11/2018 14:00	316800	123.805	19.614	278.883	41608.461	46379.871	30.4	31.538	24.034	1.021	14.665
2/11/2018 14:15	317700	123.776	19.621	278.817	41635.711	46403.109	30.417	31.554	24.018	1.021	14.665
2/11/2018 14:30	318600	123.77	19.615	278.804	41634.053	46407.367	30.42	31.557	24.017	1.021	14.658
2/11/2018 14:45	319500	123.763	19.621	278.788	41607.879	46372.336	30.394	31.533	24.034	1.021	14.656
2/11/2018 15:00	320400	123.753	19.622	278.766	41652.992	46421.234	30.43	31.566	24.008	1.021	14.665
2/11/2018 15:15	321300	123.742	19.631	278.741	41629.336	46385.676	30.405	31.542	24.022	1.021	14.669
2/11/2018 15:30	322200	123.735	19.636	278.726	41639.48	46392.938	30.41	31.547	24.016	1.021	14.672
2/11/2018 15:45	323100	123.756	19.625	278.772	41675.637	46444.074	30.447	31.582	23.995	1.021	14.662
2/11/2018 16:00	324000	123.758	19.615	278.777	41641.496	46415.313	30.426	31.562	24.015	1.021	14.662
2/11/2018 16:15	324900	123.783	19.619	278.833	41660.887	46433.23	30.439	31.575	24.003	1.021	14.666
2/11/2018 16:30	325800	123.786	19.62	278.841	41645.605	46415.496	30.426	31.563	24.012	1.021	14.674
2/11/2018 16:45	326700	123.809	19.623	278.892	41612.898	46375.355	30.397	31.535	24.031	1.021	14.671
2/11/2018 17:00	327600	123.829	19.616	278.936	41640.578	46413.43	30.424	31.561	24.015	1.021	14.669
2/11/2018 17:15	328500	123.857	19.616	279	41642.926	46416.227	30.426	31.563	24.014	1.021	14.669
2/11/2018 17:30	329400	123.882	19.616	279.056	41642.254	46416.762	30.427	31.563	24.014	1.021	14.666
2/11/2018 17:45	330300	123.912	19.618	279.125	41616	46383.723	30.403	31.541	24.029	1.021	14.667
2/11/2018 18:00	331200	123.94	19.617	279.186	41662.328	46436.473	30.441	31.577	24.002	1.021	14.671
2/11/2018 18:15	332100</										

2/13/2018 2:30	448200	124.101	19.627	279.55	41650.559	46414.141	30.425	31.562	24.009	1.021	14.731
2/13/2018 2:45	449100	124.097	19.621	279.54	41608.129	46372.797	30.395	31.534	24.034	1.021	14.734
2/13/2018 3:00	450000	124.095	19.612	279.536	41628.918	46404.57	30.418	31.555	24.022	1.021	14.737
2/13/2018 3:15	450900	124.092	19.614	279.529	41634.703	46408.953	30.421	31.558	24.018	1.021	14.743
2/13/2018 3:30	451800	124.106	19.612	279.56	41612.648	46386.254	30.404	31.543	24.031	1.021	14.747
2/13/2018 3:45	452700	124.112	19.618	279.573	41611.223	46378.648	30.399	31.537	24.032	1.021	14.742
2/13/2018 4:00	453600	124.122	19.629	279.598	41645.516	46405.684	30.419	31.556	24.012	1.021	14.744
2/13/2018 4:15	454500	124.144	19.627	279.646	41604.359	46361.883	30.387	31.526	24.036	1.021	14.742
2/13/2018 4:30	455400	124.16	19.62	279.683	41623.473	46390.672	30.408	31.546	24.025	1.021	14.739
2/13/2018 4:45	456300	124.17	19.631	279.704	41656.508	46416.211	30.427	31.563	24.006	1.021	14.754
2/13/2018 5:00	457200	124.193	19.623	279.756	41644.602	46411.461	30.423	31.56	24.013	1.021	14.759
2/13/2018 5:15	458100	124.216	19.622	279.808	41653.82	46378.102	30.399	31.537	24.03	1.021	14.761
2/13/2018 5:30	459000	124.248	19.62	279.88	41620.277	46386.59	30.405	31.543	24.027	1.021	14.761
2/13/2018 5:45	459900	124.269	19.622	279.928	41624.805	46389.746	30.407	31.545	24.024	1.021	14.764
2/13/2018 6:00	460800	124.298	19.619	279.993	41633.695	46402.586	30.416	31.554	24.019	1.021	14.764
2/13/2018 6:15	461700	124.328	19.62	280.06	41616.68	46382.922	30.402	31.54	24.029	1.021	14.772
2/13/2018 6:30	462600	124.345	19.622	280.099	41640.57	46408.008	30.421	31.557	24.015	1.021	14.774
2/13/2018 6:45	463500	124.367	19.627	280.148	41654.582	46418.281	30.428	31.564	24.007	1.021	14.779
2/13/2018 7:00	464400	124.402	19.63	280.279	41653.706	46414.68	30.422	31.562	24.009	1.021	14.779
2/13/2018 7:15	465300	124.423	19.63	280.274	41630.336	46388.164	30.406	31.544	24.021	1.021	14.782
2/13/2018 7:30	466200	124.44	19.63	280.313	41658.02	46418.922	30.429	31.565	24.005	1.021	14.786
2/13/2018 7:45	467100	124.456	19.624	280.35	41642.086	46407.203	30.42	31.557	24.014	1.021	14.793
2/13/2018 8:00	468000	124.477	19.624	280.397	41628.16	46391.324	30.408	31.546	24.022	1.021	14.791
2/13/2018 8:15	468900	124.49	19.619	280.426	41626.484	46394.453	30.411	31.548	24.023	1.021	14.794
2/13/2018 8:30	469800	124.49	19.629	280.426	41647.953	46408.398	30.421	31.558	24.011	1.021	14.8
2/13/2018 8:45	470700	124.506	19.629	280.463	41659.535	46421.563	30.431	31.567	24.004	1.021	14.799
2/13/2018 9:00	471600	124.504	19.623	280.458	41646.277	46412.555	30.424	31.561	24.012	1.021	14.801
2/13/2018 9:15	472500	124.498	19.628	280.444	41679.941	46445.77	30.448	31.583	23.992	1.021	14.804
2/13/2018 9:30	473400	124.487	19.624	280.419	41623.047	46386.324	30.405	31.543	24.025	1.021	14.805
2/13/2018 9:45	474300	124.485	19.622	280.415	41600.34	46363.172	30.388	31.527	24.038	1.021	14.798
2/13/2018 10:00	475200	124.466	19.621	280.371	41595.309	46371.809	30.384	31.523	24.041	1.021	14.804
2/13/2018 10:15	476100	124.437	19.618	280.306	41608.633	46375.934	30.397	31.536	24.033	1.021	14.807
2/13/2018 10:30	477000	124.421	19.62	280.27	41644.09	46413.469	30.424	31.561	24.013	1.021	14.804
2/13/2018 10:45	477900	124.381	19.623	280.181	41631.262	46396.594	30.412	31.55	24.02	1.021	14.808
2/13/2018 11:00	478800	124.348	19.631	280.106	41654.926	46415.137	30.426	31.562	24.007	1.021	14.803
2/13/2018 11:15	479700	124.308	19.634	280.016	41649.883	46406.164	30.42	31.556	24.01	1.021	14.804
2/13/2018 11:30	480600	124.273	19.633	279.937	41627.133	46393.074	30.41	31.547	24.017	1.021	14.799
2/13/2018 11:45	481500	124.225	19.634	279.828	41628.664	46382.426	30.402	31.54	24.022	1.021	14.803
2/13/2018 12:00	482400	124.181	19.631	279.729	41628.664	46385.098	30.404	31.542	24.022	1.021	14.795
2/13/2018 12:15	483300	124.134	19.628	279.624	41654.918	46417.449	30.428	31.564	24.007	1.021	14.797
2/13/2018 12:30	484200	124.091	19.625	279.528	41604.105	46363.5	30.388	31.527	24.036	1.021	14.796
2/13/2018 12:45	485100	124.049	19.623	279.431	41630.848	46395.879	30.412	31.549	24.021	1.021	14.789
2/13/2018 13:00	486000	123.994	19.623	279.320	41620.277	46379.108	30.4	31.538	24.027	1.021	14.79
2/13/2018 13:15	486900	123.948	19.63	279.204	41649.047	46409.27	30.422	31.558	24.01	1.021	14.786
2/13/2018 13:30	487800	123.876	19.629	279.042	41637.051	46397.02	30.413	31.55	24.017	1.021	14.79
2/13/2018 13:45	488700	123.862	19.62	279.012	41637.555	46406.188	30.419	31.556	24.017	1.021	14.785
2/13/2018 14:00	489600	123.823	19.632	278.924	41631.762	46388.027	30.406	31.544	24.02	1.021	14.782
2/13/2018 14:15	490500	123.791	19.627	278.852	41636.133	46397.555	30.413	31.55	24.018	1.021	14.783
2/13/2018 14:30	491400	123.761	19.629	278.783	41634.203	46393.673	30.41	31.548	24.019	1.021	14.776
2/13/2018 14:45	492300	123.752	19.635	278.763	41643.754	46398.559	30.414	31.551	24.013	1.021	14.784
2/13/2018 15:00	493200	123.697	19.626	278.639	41630.086	46392.359	30.409	31.547	24.021	1.021	14.784
2/13/2018 15:15	494100	123.672	19.624	278.583	41638.066	46402.363	30.417	31.554	24.016	1.021	14.785
2/13/2018 15:30	495000	123.65	19.633	278.535	41622.039	46376.336	30.398	31.536	24.026	1.021	14.788
2/13/2018 15:45	495900	123.639	19.634	278.508	41648.039	46403.59	30.418	31.554	24.011	1.021	14.79
2/13/2018 16:00	496800	123.631	19.632	278.491	41612.57	46366.477	30.391	31.529	24.031	1.021	14.789
2/13/2018 16:15	497700	123.625	19.632	278.478	41650.723	46408.898	30.422	31.558	24.009	1.021	14.793
2/13/2018 16:30	498600	123.622	19.635	278.47	41613.32	46364.047	30.389	31.528	24.031	1.021	14.79
2/13/2018 16:45	499500	123.63	19.623	278.488	41633.867	46399.152	30.414	31.551	24.019	1.021	14.794
2/13/2018 17:00	500400	123.645	19.614	278.522	41614.492	46385.996	30.404	31.542	24.03	1.021	14.792
2/13/2018 17:15	501300	123.654	19.616	278.542	41650.906	46424.859	30.433	31.569	24.009	1.021	14.797
2/13/2018 17:30	502200	123.671	19.625	278.582	41640.668	46405.012	30.418	31.555	24.015	1.021	14.795
2/13/2018 17:45	503100	123.689	19.618	278.622	41637.895	46408.642	30.421	31.558	24.017	1.021	14.797
2/13/2018 18:00	504000	123.71	19.619	278.669	41621.789	46389.813	30.407	31.545	24.026	1.021	14.803
2/13/2018 18:15	504900	123.752	19.614	278.763	41593.367	46362.359	30.387	31.526	24.042	1.021	14.795
2/13/2018 18:30	505800	123.772	19.616	278.809	41595.297	46362.793	30.387	31.527	24.041	1.021	14.801
2/13/2018 18:45	506700	123.815	19.618	278.906	41648.137	46420.063	30.429	31.566	24.011	1.021	14.795
2/13/2018 19:00	507600	123.83	19.626	278.939	41616.426	46377.137	30.398	31.536	24.029	1.021	14.807
2/13/2018 19:15	508500	123.864	19.634	279.016	41631.891	46371.945	30.431	31.533	24.028	1.021	14.808
2/13/2018 19:30	509400	123.902	19.627	279.101	41618.516	46378.434	30.399	31.537	24.028	1.021	14.806
2/13/2018 19:45	510300	123.936	19.623	279.178	41666.844	46435.555	30.441	31.576	24	1.021	14.809
2/13/2018 20:00	511200	123.964	19.618	279.242	41647.465	46418.703	30.428	31.565	24.011	1.021	14.811
2/13/2018 20:15	512100	123.999	19.621	279.319	41606.281	46369.875	30.393	31.532	24.035	1.021	14.81
2/13/2018 20:30	513000	124.022	19.628	279.372	41665.5	46429.332	30.436	31.572	24.001	1.021	14.815
2/13/2018 20:45	513900	124.051	19.624	279.437	41648.125	46413.037	30.425	31.561	24.011	1.021	14.811
2/13/2018 21:00	514800	124.085	19.63	279.513	41628.832	46386.145	30.405	31.543	24.022	1.021	14.811
2/13/2018 21:15	515700	124.102	19.624	279.552	41617.09	46378.988	30.399	31.538	24.029	1.021	14.816
2/13/2018 21:30	516600	124.12	19.619	279.593	41631.688	46400.168	30.415	31.552	24.02	1.021	14.816
2/13/2018 21:45	517500	124.13	19.621	279.614	41664.57	46434.922	30.44	31.576	24.001	1.021	14.82
2/13/2018 22:00	518400	124.149	19.614	279.657	41670.695	46448.902	30.45	31.585	23.998	1.021	14.819
2/13/2018 22:15	519300	124.156	19.617	279.672	41655.59	46418.279	30.428	31.564	24.006	1.021	14.816
2/13/2018 22:30	520200	124.17	19.618	279.704	41638.727	46409.391	30.421	31.558	24.016	1.021	14.818
2/13/2018 22:45	521100	124.16	19.623	279.683	41630.422	46395.227	30.411	31.549	24.021	1.021	14.825
2/13/20											

Report Date: 2/16/2018 10:41
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_2018-02-15_14-30-34-685.wsl
Create Date 2/15/2018 14:30

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: 82% 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
8/24/2017 7:37 Log Download - Used Battery: 48% Used Memory: 100% User Name: AVanHaitsma Interval - Start Time: 8/16/2017 10:00:00 PM Stop Time: 8/24/2017 8:30:00 AM
9/1/2017 16:37 Log Download - Used Battery: 48% Used Memory: 100% User Name: WMassoll Interval - Start Time: 7/31/2017 10:00:00 PM Stop Time: 9/1/2017 5:30:00 PM
9/7/2017 16:34 Log Download - Used Battery: 48% Used Memory: 100% User Name: WMassoll Interval - Start Time: 8/31/2017 10:00:00 PM Stop Time: 9/7/2017 5:30:00 PM
9/14/2017 9:30 Log Download - Used Battery: 49% Used Memory: 100% User Name: AVanHaitsma Interval - Start Time: 9/6/2017 10:00:00 PM Stop Time: 9/14/2017 10:30:00 AM

Log Data:
Record Count 739

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

Time Zone: Pacific Standard 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)	
2/8/2018 0:00		7200	65.628	17.239	147.834	35264.332	41401.055	26.692	28.153	28.357	1.019
2/8/2018 0:15		8100	65.636	17.239	147.851	35262.465	41399.027	26.69	28.151	28.359	1.019
2/8/2018 0:30		9000	65.635	17.239	147.848	35289.348	41430.75	26.713	28.173	28.337	1.019
2/8/2018 0:45		9900	65.638	17.24	147.857	35287.359	41427.848	26.711	28.171	28.339	1.019
2/8/2018 1:00		10800	65.64	17.24	147.859	35258.094	41393.32	26.686	28.147	28.362	1.019
2/8/2018 1:15		11700	65.643	17.239	147.868	35273.543	41411.871	26.699	28.16	28.35	1.019
2/8/2018 1:30		12600	65.63	17.24	147.839	35287.277	41427.254	26.71	28.171	28.339	1.019
2/8/2018 1:45		13500	65.646	17.24	147.874	35287.059	41427.492	26.711	28.171	28.339	1.019
2/8/2018 2:00		14400	65.655	17.239	147.894	35282.563	41422.457	26.707	28.167	28.343	1.019
2/8/2018 2:15		15300	65.653	17.239	147.89	35256.629	41392.176	26.685	28.147	28.363	1.019
2/8/2018 2:30		16200	65.662	17.24	147.911	35274.512	41412.672	26.7	28.161	28.349	1.019
2/8/2018 2:45		17100	65.645	17.24	147.872	35260.422	41396.133	26.688	28.149	28.36	1.019
2/8/2018 3:00		18000	65.653	17.24	147.89	35276.223	41414.516	26.701	28.162	28.348	1.019
2/8/2018 3:15		18900	65.669	17.239	147.926	35271.594	41409.656	26.698	28.159	28.351	1.019
2/8/2018 3:30		19800	65.673	17.24	147.934	35267.637	41404.691	26.694	28.155	28.355	1.019
2/8/2018 3:45		20700	65.675	17.24	147.94	35286.492	41426.828	26.71	28.17	28.339	1.019
2/8/2018 4:00		21600	65.682	17.239	147.956	35265.344	41402.406	26.693	28.154	28.356	1.019
2/8/2018 4:15		22500	65.67	17.24	147.928	35262.555	41398.473	26.69	28.151	28.359	1.019
2/8/2018 4:30		23400	65.672	17.24	147.933	35273.426	41411.398	26.699	28.16	28.35	1.019
2/8/2018 4:45		24300	65.689	17.24	147.971	35277.977	41416.578	26.703	28.163	28.346	1.019
2/8/2018 5:00		25200	65.672	17.24	147.933	35304.504	41447.559	26.725	28.184	28.325	1.019
2/8/2018 5:15		26100	65.694	17.24	147.982	35278.996	41418.105	26.704	28.164	28.345	1.019
2/8/2018 5:30		27000	65.69	17.24	147.974	35285.023	41425.105	26.709	28.169	28.341	1.019
2/8/2018 5:45		27900	65.681	17.239	147.953	35269.395	41407.16	26.696	28.157	28.353	1.019
2/8/2018 6:00		28800	65.682	17.24	147.954	35272.617	41410.121	26.698	28.159	28.351	1.019
2/8/2018 6:15		29700	65.697	17.24	147.989	35254.613	41389.148	26.683	28.145	28.365	1.019
2/8/2018 6:30		30600	65.693	17.24	147.98	35266.652	41403.121	26.693	28.154	28.355	1.019
2/8/2018 6:45		31500	65.692	17.24	147.979	35293.023	41434.496	26.716	28.175	28.334	1.019
2/8/2018 7:00		32400	65.693	17.24	147.98	35271.695	41409.367	26.698	28.158	28.351	1.019
2/8/2018 7:15		33300	65.691	17.24	147.974	35264.703	41401.16	26.692	28.153	28.357	1.019
2/8/2018 7:30		34200	65.688	17.24	147.969	35284.691	41424.547	26.708	28.169	28.341	1.019
2/8/2018 7:45		35100	65.673	17.24	147.934	35263.629	41399.898	26.691	28.152	28.358	1.019
2/8/2018 8:00		36000	65.685	17.24	147.962	35277.359	41415.938	26.702	28.163	28.347	1.019
2/8/2018 8:15		36900	65.679	17.24	147.948	35270.449	41407.992	26.697	28.157	28.352	1.019
2/8/2018 8:30		37800	65.679	17.24	147.948	35251.395	41385.043	26.68	28.142	28.368	1.019
2/8/2018 8:45		38700	65.674	17.24	147.938	35282.434	41421.727	26.706	28.167	28.343	1.019
2/8/2018 9:00		39600	65.673	17.24	147.935	35296.188	41437.957	26.718	28.178	28.332	1.019
2/8/2018 9:15		40500	65.668	17.24	147.924	35275.465	41413.715	26.701	28.161	28.348	1.019
2/8/2018 9:30		41400	65.662	17.24	147.91	35267.57	41404.691	26.694	28.155	28.355	1.019
2/8/2018 9:45		42300	65.647	17.24	147.876	35299.066	41441.5	26.721	28.18	28.329	1.019
2/8/2018 10:00		43200	65.654	17.24	147.891	35294.402	41435.535	26.716	28.176	28.333	1.019
2/8/2018 10:15		44100	65.653	17.24	147.89	35290.109	41430.82	26.713	28.173	28.337	1.019
2/8/2018 10:30		45000	65.651	17.239	147.886	35297.18	41439.695	26.719	28.179	28.331	1.019

2/8/2018 10:45	45900	65.643	17.24	147.868	35285.926	41425.996	26.71	28.17	28.34	1.019
2/8/2018 11:00	46800	65.635	17.24	147.849	35335.742	41484.152	26.751	28.209	28.3	1.019
2/8/2018 11:15	47700	65.634	17.24	147.847	35297.781	41439.914	26.719	28.179	28.33	1.019
2/8/2018 11:30	48600	65.631	17.24	147.841	35294.68	41436.273	26.717	28.177	28.333	1.019
2/8/2018 11:45	49500	65.629	17.24	147.836	35319.129	41464.727	26.737	28.196	28.313	1.019
2/8/2018 12:00	50400	65.628	17.241	147.834	35316.035	41460.77	26.734	28.193	28.316	1.019
2/8/2018 12:15	51300	65.609	17.24	147.791	35316.066	41461.133	26.735	28.194	28.316	1.019
2/8/2018 12:30	52200	65.627	17.24	147.831	35338.918	41488.121	26.754	28.212	28.297	1.019
2/8/2018 12:45	53100	65.617	17.241	147.808	35261.676	41396.383	26.688	28.15	28.359	1.019
2/8/2018 13:00	54000	65.618	17.24	147.81	35251.266	41385.383	26.68	28.142	28.368	1.019
2/8/2018 13:15	54900	65.605	17.24	147.781	35275.055	41413.063	26.7	28.161	28.349	1.019
2/8/2018 13:30	55800	65.617	17.24	147.808	35258.605	41393.672	26.686	28.148	28.362	1.019
2/8/2018 13:45	56700	65.613	17.24	147.799	35267.352	41404.188	26.694	28.155	28.355	1.019
2/8/2018 14:00	57600	65.616	17.24	147.806	35295.707	41437.48	26.718	28.177	28.332	1.019
2/8/2018 14:15	58500	65.6	17.24	147.771	35280.617	41419.84	26.705	28.165	28.344	1.019
2/8/2018 14:30	59400	65.617	17.24	147.808	35263.785	41399.754	26.691	28.152	28.358	1.019
2/8/2018 14:45	60300	65.6	17.24	147.771	35290.594	41431.227	26.713	28.173	28.336	1.019
2/8/2018 15:00	61200	65.599	17.24	147.769	35251.992	41386.234	26.681	28.143	28.367	1.019
2/8/2018 15:15	62100	65.599	17.241	147.768	35277.574	41415.453	26.702	28.163	28.347	1.019
2/8/2018 15:30	63000	65.616	17.24	147.808	35277.82	41416.152	26.702	28.163	28.346	1.019
2/8/2018 15:45	63900	65.603	17.24	147.777	35258.816	41394.246	26.687	28.148	28.362	1.019
2/8/2018 16:00	64800	65.617	17.24	147.809	35269.672	41406.5	26.696	28.156	28.353	1.019
2/8/2018 16:15	65700	65.62	17.241	147.815	35269.828	41406.523	26.696	28.156	28.353	1.019
2/8/2018 16:30	66600	65.618	17.24	147.811	35275.863	41414.262	26.701	28.162	28.348	1.019
2/8/2018 16:45	67500	65.624	17.24	147.825	35274.453	41412.113	26.7	28.16	28.349	1.019
2/8/2018 17:00	68400	65.621	17.24	147.819	35266.492	41402.77	26.693	28.154	28.356	1.019
2/8/2018 17:15	69300	65.629	17.24	147.836	35270.332	41407.199	26.696	28.157	28.352	1.019
2/8/2018 17:30	70200	65.631	17.241	147.841	35273.152	41410.262	26.698	28.159	28.35	1.019
2/8/2018 17:45	71100	65.629	17.24	147.835	35274.047	41411.879	26.699	28.16	28.349	1.019
2/8/2018 18:00	72000	65.632	17.241	147.842	35278.219	41416.297	26.703	28.163	28.346	1.019
2/8/2018 18:15	72900	65.618	17.24	147.812	35294.668	41436.008	26.717	28.176	28.333	1.019
2/8/2018 18:30	73800	65.632	17.24	147.842	35294.496	41435.566	26.716	28.176	28.333	1.019
2/8/2018 18:45	74700	65.634	17.241	147.846	35285.672	41425.125	26.709	28.169	28.34	1.019
2/8/2018 19:00	75600	65.632	17.241	147.842	35265.301	41401.047	26.692	28.153	28.356	1.019
2/8/2018 19:15	76500	65.637	17.24	147.854	35269.93	41407.047	26.696	28.157	28.353	1.019
2/8/2018 19:30	77400	65.635	17.241	147.85	35280.539	41419.02	26.705	28.165	28.344	1.019
2/8/2018 19:45	78300	65.638	17.24	147.855	35299.918	41441.934	26.721	28.181	28.329	1.019
2/8/2018 20:00	79200	65.636	17.241	147.851	35280.785	41419.223	26.705	28.165	28.344	1.019
2/8/2018 20:15	80100	65.62	17.24	147.816	35273.152	41411.324	26.699	28.16	28.35	1.019
2/8/2018 20:30	81000	65.625	17.24	147.826	35267.832	41404.504	26.694	28.155	28.354	1.019
2/8/2018 20:45	81900	65.618	17.24	147.812	35281.414	41420.449	26.706	28.166	28.344	1.019
2/8/2018 21:00	82800	65.632	17.241	147.842	35258.355	41393.055	26.686	28.147	28.362	1.019
2/8/2018 21:15	83700	65.633	17.24	147.845	35264.52	41400.453	26.691	28.152	28.357	1.019
2/8/2018 21:30	84600	65.617	17.24	147.809	35261.313	41396.773	26.689	28.15	28.36	1.019
2/8/2018 21:45	85500	65.63	17.24	147.838	35281	41419.965	26.705	28.166	28.344	1.019
2/8/2018 22:00	86400	65.627	17.24	147.831	35281.672	41420.512	26.706	28.166	28.343	1.019
2/8/2018 22:15	87300	65.629	17.24	147.836	35287.828	41427.98	26.711	28.171	28.338	1.019
2/8/2018 22:30	88200	65.629	17.24	147.835	35272.535	41409.785	26.698	28.159	28.351	1.019
2/8/2018 22:45	89100	65.626	17.24	147.83	35278.316	41416.891	26.703	28.163	28.346	1.019
2/8/2018 23:00	90000	65.628	17.241	147.834	35285.285	41424.426	26.708	28.169	28.34	1.019
2/8/2018 23:15	90900	65.626	17.241	147.83	35282.051	41420.629	26.706	28.166	28.343	1.019
2/8/2018 23:30	91800	65.628	17.24	147.832	35272.891	41410.281	26.698	28.159	28.35	1.019
2/8/2018 23:45	92700	65.624	17.24	147.825	35259.199	41394.449	26.687	28.148	28.361	1.019
2/9/2018 0:00	93600	65.614	17.24	147.803	35270.977	41408.035	26.697	28.157	28.352	1.019
2/9/2018 0:15	94500	65.63	17.241	147.837	35278.832	41417.094	26.703	28.164	28.346	1.019
2/9/2018 0:30	95400	65.629	17.24	147.836	35263.801	41399.609	26.691	28.152	28.358	1.019
2/9/2018 0:45	96300	65.631	17.241	147.84	35261.48	41396.645	26.689	28.15	28.36	1.019
2/9/2018 1:00	97200	65.631	17.241	147.841	35247.602	41380.352	26.677	28.139	28.371	1.019
2/9/2018 1:15	98100	65.633	17.24	147.844	35261.84	41397.469	26.689	28.15	28.359	1.019
2/9/2018 1:30	99000	65.626	17.241	147.83	35276.02	41413.793	26.701	28.161	28.348	1.019
2/9/2018 1:45	99900	65.627	17.24	147.831	35246.484	41379.203	26.676	28.138	28.372	1.019
2/9/2018 2:00	100800	65.644	17.24	147.87	35253.082	41387.027	26.682	28.143	28.366	1.019
2/9/2018 2:15	101700	65.641	17.241	147.864	35261.504	41396.59	26.689	28.15	28.36	1.019
2/9/2018 2:30	102600	65.646	17.24	147.873	35260.027	41395.262	26.688	28.149	28.361	1.019
2/9/2018 2:45	103500	65.647	17.241	147.876	35276.824	41414.574	26.701	28.162	28.347	1.019
2/9/2018 3:00	104400	65.653	17.24	147.89	35270.352	41407.383	26.696	28.157	28.352	1.019
2/9/2018 3:15	105300	65.655	17.24	147.894	35279.707	41418.281	26.704	28.164	28.345	1.019
2/9/2018 3:30	106200	65.657	17.241	147.899	35244.699	41377.023	26.675	28.136	28.373	1.019
2/9/2018 3:45	107100	65.664	17.24	147.916	35265.922	41402.098	26.692	28.153	28.356	1.019
2/9/2018 4:00	108000	65.664	17.241	147.915	35283.426	41422.41	26.707	28.167	28.342	1.019
2/9/2018 4:15	108900	65.657	17.24	147.899	35270.121	41406.949	26.696	28.157	28.353	1.019
2/9/2018 4:30	109800	65.673	17.241	147.935	35278.398	41416.422	26.703	28.163	28.346	1.019
2/9/2018 4:45	110700	65.675	17.241	147.939	35280.543	41418.859	26.704	28.165	28.344	1.019
2/9/2018 5:00	111600	65.68	17.241	147.951	35269.387	41405.844	26.695	28.156	28.353	1.019
2/9/2018 5:15	112500	65.677	17.241	147.944	35290.461	41430.746	26.713	28.173	28.336	1.019
2/9/2018 5:30	113400	65.667	17.241	147.921	35271.363	41408.324	26.697	28.158	28.352	1.019
2/9/2018 5:45	114300	65.679	17.241	147.948	35276.977	41414.598	26.701	28.162	28.347	1.019
2/9/2018 6:00	115200	65.675	17.241	147.939	35279.16	41416.996	26.703	28.164	28.345	1.019
2/9/2018 6:15	116100	65.689	17.241	147.971	35256.422	41390.465	26.684	28.146	28.364	1.019
2/9/2018 6:30	117000	65.674	17.24	147.938	35256.063	41390.523	26.684	28.146	28.364	1.019
2/9/2018 6:45	117900	65.69	17.241	147.972	35280.605	41419.098	26.705	28.165	28.344	1.019
2/9/2018 7:00	118800	65.686	17.24	147.965	35248.141	41381.145	26.677	28.139	28.37	1.019
2/9/2018 7:15	119700	65.672	17.241	147.933	35263.629	41399	26.69	28.151	28.358	1.019
2/9/2018 7:30	120600	65.688	17.241	147.97	35260.656	41395.594	26.688	28.149	28.36	1.019
2/9/2018 7:45	121500	65.685	17.241	147.963	35266.395	41402.172	26.693	28.153	28.356	1.019
2/9/2018 8:00	122400	65.683	17.241	147.957	35281.652	41419.992	26.705	28.166	28.343	1.019
2/9/2018 8:15	123300	65.68	17.241	147.951	35286.734	41426.371	26.71	28.17	28.339	1.019
2/9/2018 8:30	124200	65.669	17.241	147.925	35263.727	41399.359	26.691	28.152	28.358	1.019
2/9/2018 8:45	125100	65.66	17.241	147.906	35257.707	41392.293	26.685	28.147	28.363	1.019
2/9/2018 9:00	126000	65.673	17.24	147.935	35275.777	41413.754	26.701	28.161	28.348	1.019
2/9/2018 9:15	126900	65.671	17.241	147.931	35292.605					

2/10/2018 7:15	206100	65.677	17.241	147.943	35297.559	41438.512	26.719	28.178	28.331	1.019
2/10/2018 7:30	207000	65.675	17.242	147.939	35288.25	41427.172	26.71	28.17	28.338	1.019
2/10/2018 7:45	207900	65.68	17.241	147.951	35294.348	41434.492	26.716	28.175	28.333	1.019
2/10/2018 8:00	208800	65.665	17.241	147.916	35279.125	41416.793	26.703	28.163	28.345	1.019
2/10/2018 8:15	209700	65.677	17.241	147.945	35289.691	41429.113	26.712	28.172	28.337	1.019
2/10/2018 8:30	210600	65.673	17.241	147.934	35289.352	41428.555	26.711	28.171	28.337	1.019
2/10/2018 8:45	211500	65.672	17.241	147.933	35306.242	41448.543	26.726	28.185	28.324	1.019
2/10/2018 9:00	212400	65.673	17.241	147.934	35325.238	41470.758	26.742	28.2	28.308	1.019
2/10/2018 9:15	213300	65.653	17.242	147.89	35284.629	41422.68	26.707	28.167	28.341	1.019
2/10/2018 9:30	214200	65.652	17.242	147.887	35294.059	41433.988	26.715	28.175	28.333	1.019
2/10/2018 9:45	215100	65.648	17.241	147.878	35287.766	41426.934	26.71	28.17	28.338	1.019
2/10/2018 10:00	216000	65.642	17.241	147.865	35297.805	41438.48	26.719	28.178	28.33	1.019
2/10/2018 10:15	216900	65.636	17.242	147.853	35289.547	41428.211	26.711	28.171	28.337	1.019
2/10/2018 10:30	217800	65.646	17.242	147.874	35280.879	41418.449	26.704	28.165	28.344	1.019
2/10/2018 10:45	218700	65.644	17.242	147.87	35290.93	41430.316	26.713	28.173	28.336	1.019
2/10/2018 11:00	219600	65.637	17.242	147.853	35292.824	41432.301	26.714	28.174	28.334	1.019
2/10/2018 11:15	220500	65.635	17.242	147.848	35282.254	41420.133	26.705	28.166	28.343	1.019
2/10/2018 11:30	221400	65.631	17.242	147.841	35294.07	41434.004	26.715	28.175	28.333	1.019
2/10/2018 11:45	222300	65.624	17.241	147.825	35281.266	41419.133	26.705	28.165	28.344	1.019
2/10/2018 12:00	223200	65.616	17.241	147.808	35278.059	41415.457	26.702	28.163	28.346	1.019
2/10/2018 12:15	224100	65.613	17.241	147.799	35294.113	41434.305	26.716	28.175	28.333	1.019
2/10/2018 12:30	225000	65.61	17.241	147.793	35277.039	41414.258	26.701	28.162	28.347	1.019
2/10/2018 12:45	225900	65.602	17.241	147.776	35275.043	41411.758	26.699	28.16	28.349	1.019
2/10/2018 13:00	226800	65.6	17.241	147.771	35298.207	41439.023	26.719	28.179	28.33	1.019
2/10/2018 13:15	227700	65.592	17.242	147.753	35253.133	41385.703	26.681	28.142	28.366	1.019
2/10/2018 13:30	228600	65.592	17.242	147.752	35288.723	41427.324	26.711	28.171	28.338	1.019
2/10/2018 13:45	229500	65.584	17.241	147.734	35280.82	41418.539	26.704	28.165	28.344	1.019
2/10/2018 14:00	230400	65.581	17.242	147.728	35296.859	41437.207	26.718	28.177	28.331	1.019
2/10/2018 14:15	231300	65.577	17.242	147.719	35263.984	41398.441	26.69	28.151	28.358	1.019
2/10/2018 14:30	232200	65.573	17.242	147.709	35249.801	41381.871	26.678	28.14	28.369	1.019
2/10/2018 14:45	233100	65.573	17.241	147.709	35264.938	41400.371	26.691	28.152	28.357	1.019
2/10/2018 15:00	234000	65.568	17.242	147.699	35290.383	41429.605	26.712	28.172	28.336	1.019
2/10/2018 15:15	234900	65.565	17.242	147.691	35280.875	41418.512	26.704	28.165	28.344	1.019
2/10/2018 15:30	235800	65.567	17.241	147.695	35267.582	41403	26.693	28.154	28.355	1.019
2/10/2018 15:45	236700	65.57	17.242	147.702	35277.008	41413.809	26.701	28.161	28.347	1.019
2/10/2018 16:00	237600	65.554	17.241	147.667	35271.598	41407.715	26.697	28.157	28.351	1.019
2/10/2018 16:15	238500	65.568	17.242	147.697	35294.012	41433.934	26.715	28.175	28.333	1.019
2/10/2018 16:30	239400	65.564	17.241	147.688	35266.375	41401.824	26.692	28.153	28.356	1.019
2/10/2018 16:45	240300	65.556	17.242	147.672	35274.207	41410.684	26.699	28.159	28.349	1.019
2/10/2018 17:00	241200	65.571	17.242	147.705	35256.582	41389.832	26.684	28.145	28.363	1.019
2/10/2018 17:15	242100	65.564	17.242	147.689	35279.188	41416.367	26.703	28.163	28.345	1.019
2/10/2018 17:30	243000	65.561	17.242	147.683	35265.379	41400.082	26.691	28.152	28.356	1.019
2/10/2018 17:45	243900	65.562	17.242	147.684	35275.102	41411.414	26.699	28.16	28.349	1.019
2/10/2018 18:00	244800	65.576	17.242	147.716	35273.086	41408.887	26.697	28.158	28.35	1.019
2/10/2018 18:15	245700	65.579	17.242	147.723	35275.363	41412.043	26.7	28.16	28.348	1.019
2/10/2018 18:30	246600	65.584	17.242	147.734	35272.895	41408.98	26.697	28.158	28.35	1.019
2/10/2018 18:45	247500	65.586	17.242	147.739	35280.402	41417.227	26.703	28.164	28.344	1.019
2/10/2018 19:00	248400	65.59	17.242	147.747	35290.816	41430.02	26.712	28.172	28.336	1.019
2/10/2018 19:15	249300	65.593	17.242	147.755	35277.781	41414.477	26.701	28.162	28.346	1.019
2/10/2018 19:30	250200	65.596	17.242	147.761	35282.035	41419.633	26.705	28.165	28.343	1.019
2/10/2018 19:45	251100	65.594	17.241	147.756	35285.496	41424.102	26.708	28.168	28.34	1.019
2/10/2018 20:00	252000	65.582	17.242	147.731	35300.098	41440.84	26.72	28.18	28.329	1.019
2/10/2018 20:15	252900	65.6	17.242	147.769	35284.02	41421.965	26.707	28.167	28.341	1.019
2/10/2018 20:30	253800	65.602	17.242	147.774	35303.34	41444.645	26.723	28.182	28.326	1.019
2/10/2018 20:45	254700	65.601	17.242	147.772	35303.727	41445.27	26.723	28.183	28.326	1.019
2/10/2018 21:00	255600	65.602	17.242	147.776	35285.039	41423.238	26.708	28.168	28.341	1.019
2/10/2018 21:15	256500	65.602	17.242	147.776	35280.598	41418.023	26.704	28.164	28.344	1.019
2/10/2018 21:30	257400	65.603	17.242	147.777	35290.125	41429.301	26.712	28.172	28.337	1.019
2/10/2018 21:45	258300	65.594	17.242	147.756	35301.77	41442.391	26.721	28.181	28.327	1.019
2/10/2018 22:00	259200	65.605	17.242	147.781	35299.035	41439.352	26.719	28.179	28.329	1.019
2/10/2018 22:15	260100	65.601	17.242	147.773	35305.449	41447.043	26.725	28.184	28.324	1.019
2/10/2018 22:30	261000	65.607	17.242	147.785	35305.898	41447.57	26.725	28.184	28.324	1.019
2/10/2018 22:45	261900	65.601	17.242	147.772	35289.547	41428.211	26.711	28.171	28.337	1.019
2/10/2018 23:00	262800	65.603	17.242	147.777	35300.188	41440.781	26.72	28.18	28.328	1.019
2/10/2018 23:15	263700	65.601	17.242	147.773	35294.25	41433.648	26.715	28.175	28.333	1.019
2/10/2018 23:30	264600	65.585	17.242	147.736	35323.902	41468.863	26.74	28.199	28.309	1.019
2/10/2018 23:45	265500	65.596	17.242	147.762	35302.281	41443.238	26.722	28.181	28.327	1.019
2/11/2018 0:00	266400	65.584	17.242	147.734	35308.633	41450.617	26.727	28.186	28.322	1.019
2/11/2018 0:15	267300	65.585	17.242	147.736	35314.84	41458.223	26.733	28.192	28.317	1.019
2/11/2018 0:30	268200	65.594	17.243	147.757	35309.973	41451.777	26.728	28.187	28.321	1.019
2/11/2018 0:45	269100	65.589	17.242	147.746	35301.645	41442.574	26.721	28.181	28.327	1.019
2/11/2018 1:00	270000	65.588	17.241	147.744	35312.949	41456.328	26.731	28.19	28.318	1.019
2/11/2018 1:15	270900	65.577	17.242	147.718	35301.898	41443.031	26.722	28.181	28.327	1.019
2/11/2018 1:30	271800	65.59	17.242	147.747	35274.152	41410.141	26.698	28.159	28.349	1.019
2/11/2018 1:45	272700	65.573	17.242	147.709	35304.66	41446.367	26.724	28.184	28.325	1.019
2/11/2018 2:00	273600	65.593	17.242	147.754	35314.094	41457.027	26.732	28.191	28.317	1.019
2/11/2018 2:15	274500	65.587	17.242	147.741	35317.145	41460.852	26.735	28.193	28.315	1.019
2/11/2018 2:30	275400	65.573	17.242	147.709	35304.086	41445.195	26.723	28.183	28.325	1.019
2/11/2018 2:45	276300	65.591	17.242	147.751	35298.066	41438.293	26.718	28.178	28.33	1.019
2/11/2018 3:00	277200	65.576	17.242	147.717	35290.879	41429.527	26.712	28.172	28.336	1.019
2/11/2018 3:15	278100	65.59	17.242	147.747	35297.539	41437.262	26.718	28.177	28.331	1.019
2/11/2018 3:30	279000	65.598	17.242	147.766	35330.914	41477.016	26.746	28.204	28.304	1.019
2/11/2018 3:45	279900	65.596	17.242	147.762	35314.641	41457.422	26.732	28.191	28.317	1.019
2/11/2018 4:00	280800	65.597	17.242	147.764	35268.879	41404.43	26.694	28.155	28.354	1.019
2/11/2018 4:15	281700	65.602	17.242	147.776	35287.539	41426.094	26.71	28.17	28.339	1.019
2/11/2018 4:30	282600	65.588	17.242	147.743	35279.309	41416.605	26.703	28.163	28.345	1.019
2/11/2018 4:45	283500	65.603	17.242	147.777	35302.262	41442.891	26.722	28.181	28.327	1.019
2/11/2018 5:00	284400	65.609	17.242	147.791	35270.508	41405.938	26.695	28.156	28.352	1.019
2/11/2018 5:15	285300	65.614	17.242	147.801	35284.891	41423.156	26.708	28.168	28.341	1.

2/12/2018 3:45	366300	65.566	17.242	147.693	35306.344	41447.848	26.725	28.185	28.324	1.019
2/12/2018 4:00	367200	65.567	17.242	147.695	35287.91	41426.367	26.71	28.17	28.338	1.019
2/12/2018 4:15	368100	65.568	17.242	147.698	35276.574	41412.813	26.7	28.161	28.347	1.019
2/12/2018 4:30	369000	65.571	17.242	147.705	35307.809	41449.316	26.726	28.186	28.322	1.019
2/12/2018 4:45	369900	65.575	17.242	147.713	35297.535	41437.668	26.718	28.178	28.331	1.019
2/12/2018 5:00	370800	65.58	17.242	147.724	35292.758	41431.898	26.714	28.174	28.334	1.019
2/12/2018 5:15	371700	65.567	17.242	147.695	35292.781	41431.84	26.714	28.174	28.334	1.019
2/12/2018 5:30	372600	65.573	17.242	147.71	35311.238	41453.508	26.729	28.188	28.32	1.019
2/12/2018 5:45	373500	65.586	17.242	147.738	35302.148	41442.836	26.722	28.181	28.327	1.019
2/12/2018 6:00	374400	65.59	17.242	147.747	35299.203	41439.215	26.719	28.179	28.329	1.019
2/12/2018 6:15	375300	65.596	17.242	147.762	35309.754	41451.766	26.728	28.187	28.321	1.019
2/12/2018 6:30	376200	65.593	17.242	147.755	35327.902	41473.707	26.743	28.202	28.306	1.019
2/12/2018 6:45	377100	65.602	17.242	147.775	35301.477	41442.133	26.721	28.181	28.327	1.019
2/12/2018 7:00	378000	65.604	17.242	147.778	35277.441	41413.75	26.701	28.161	28.347	1.019
2/12/2018 7:15	378900	65.605	17.242	147.782	35310.305	41452.496	26.729	28.188	28.32	1.019
2/12/2018 7:30	379800	65.615	17.243	147.804	35312.371	41454.426	26.73	28.189	28.319	1.019
2/12/2018 7:45	380700	65.614	17.243	147.801	35305.012	41445.879	26.724	28.183	28.325	1.019
2/12/2018 8:00	381600	65.617	17.242	147.808	35317.547	41461.082	26.735	28.194	28.315	1.019
2/12/2018 8:15	382500	65.619	17.242	147.813	35309.727	41451.566	26.728	28.187	28.321	1.019
2/12/2018 8:30	383400	65.621	17.242	147.817	35299.012	41439.324	26.719	28.179	28.329	1.019
2/12/2018 8:45	384300	65.618	17.243	147.81	35306.129	41447.266	26.725	28.184	28.324	1.019
2/12/2018 9:00	385200	65.605	17.242	147.782	35305.68	41447.469	26.725	28.184	28.324	1.019
2/12/2018 9:15	386100	65.606	17.242	147.784	35275.672	41411.922	26.7	28.16	28.348	1.019
2/12/2018 9:30	387000	65.621	17.242	147.817	35292.973	41432.473	26.714	28.174	28.334	1.019
2/12/2018 9:45	387900	65.619	17.243	147.814	35306.371	41447.551	26.725	28.184	28.323	1.019
2/12/2018 10:00	388800	65.62	17.243	147.816	35303.715	41444.355	26.723	28.182	28.326	1.019
2/12/2018 10:15	389700	65.623	17.242	147.823	35276.777	41413.055	26.7	28.161	28.347	1.019
2/12/2018 10:30	390600	65.614	17.242	147.801	35285.785	41423.461	26.708	28.168	28.34	1.019
2/12/2018 10:45	391500	65.609	17.242	147.791	35277.703	41414.059	26.701	28.162	28.347	1.019
2/12/2018 11:00	392400	65.601	17.243	147.773	35273.348	41408.781	26.697	28.158	28.35	1.019
2/12/2018 11:15	393300	65.597	17.242	147.764	35266.793	41401.168	26.692	28.153	28.355	1.019
2/12/2018 11:30	394200	65.591	17.242	147.75	35296.801	41436.395	26.717	28.177	28.331	1.019
2/12/2018 11:45	395100	65.59	17.243	147.748	35279.855	41416.422	26.703	28.163	28.345	1.019
2/12/2018 12:00	396000	65.584	17.242	147.735	35283.461	41421.145	26.706	28.166	28.342	1.019
2/12/2018 12:15	396900	65.578	17.242	147.721	35277.188	41413.371	26.701	28.161	28.347	1.019
2/12/2018 12:30	397800	65.56	17.242	147.68	35297.813	41437.914	26.718	28.178	28.33	1.019
2/12/2018 12:45	398700	65.566	17.242	147.693	35273.98	41409.77	26.698	28.159	28.35	1.019
2/12/2018 13:00	399600	65.548	17.243	147.653	35298.09	41437.754	26.718	28.178	28.33	1.019
2/12/2018 13:15	400500	65.558	17.242	147.676	35288.785	41427.637	26.711	28.171	28.338	1.019
2/12/2018 13:30	401400	65.533	17.242	147.619	35264.148	41398.313	26.69	28.151	28.357	1.019
2/12/2018 13:45	402300	65.54	17.242	147.636	35258.039	41391.141	26.685	28.146	28.362	1.019
2/12/2018 14:00	403200	65.537	17.242	147.628	35285.051	41422.766	26.707	28.167	28.341	1.019
2/12/2018 14:15	404100	65.532	17.243	147.618	35275.191	41410.949	26.699	28.159	28.349	1.019
2/12/2018 14:30	405000	65.515	17.242	147.58	35255.43	41387.992	26.682	28.144	28.364	1.019
2/12/2018 14:45	405900	65.523	17.242	147.597	35273.324	41408.832	26.697	28.158	28.35	1.019
2/12/2018 15:00	406800	65.516	17.242	147.58	35285.121	41422.848	26.707	28.168	28.341	1.019
2/12/2018 15:15	407700	65.511	17.243	147.57	35273.578	41408.813	26.697	28.158	28.35	1.019
2/12/2018 15:30	408600	65.509	17.243	147.565	35285.977	41423.609	26.708	28.168	28.34	1.019
2/12/2018 15:45	409500	65.507	17.242	147.56	35267.531	41402.199	26.693	28.153	28.355	1.019
2/12/2018 16:00	410400	65.502	17.243	147.551	35286.91	41424.465	26.709	28.169	28.339	1.019
2/12/2018 16:15	411300	65.507	17.242	147.561	35277.664	41414.012	26.701	28.162	28.347	1.019
2/12/2018 16:30	412200	65.502	17.242	147.55	35287.625	41425.789	26.709	28.17	28.339	1.019
2/12/2018 16:45	413100	65.5	17.242	147.546	35284.176	41421.82	26.707	28.167	28.341	1.019
2/12/2018 17:00	414000	65.502	17.242	147.55	35286.656	41424.484	26.709	28.169	28.339	1.019
2/12/2018 17:15	414900	65.503	17.242	147.552	35279.957	41417.363	26.703	28.164	28.345	1.019
2/12/2018 17:30	415800	65.502	17.242	147.55	35273.055	41408.684	26.697	28.158	28.35	1.019
2/12/2018 17:45	416700	65.509	17.242	147.566	35282.406	41419.66	26.705	28.165	28.343	1.019
2/12/2018 18:00	417600	65.502	17.242	147.551	35271.805	41407.301	26.696	28.157	28.351	1.019
2/12/2018 18:15	418500	65.513	17.243	147.575	35268.746	41403.215	26.693	28.154	28.354	1.019
2/12/2018 18:30	419400	65.506	17.242	147.56	35277.008	41413.16	26.7	28.161	28.347	1.019
2/12/2018 18:45	420300	65.513	17.242	147.573	35280.617	41417.73	26.704	28.164	28.344	1.019
2/12/2018 19:00	421200	65.514	17.243	147.577	35287.352	41425.055	26.709	28.169	28.339	1.019
2/12/2018 19:15	422100	65.519	17.242	147.588	35300.066	41440.477	26.72	28.18	28.329	1.019
2/12/2018 19:30	423000	65.51	17.242	147.569	35292.555	41431.742	26.714	28.174	28.335	1.019
2/12/2018 19:45	423900	65.514	17.242	147.577	35298.566	41438.551	26.719	28.178	28.33	1.019
2/12/2018 20:00	424800	65.529	17.243	147.611	35290.102	41428.375	26.711	28.171	28.337	1.019
2/12/2018 20:15	425700	65.535	17.242	147.624	35298	41437.969	26.718	28.178	28.33	1.019
2/12/2018 20:30	426600	65.537	17.242	147.628	35290.445	41429.098	26.712	28.172	28.336	1.019
2/12/2018 20:45	427500	65.54	17.243	147.635	35300.453	41440.602	26.72	28.18	28.328	1.019
2/12/2018 21:00	428400	65.542	17.242	147.64	35289.457	41427.773	26.711	28.171	28.337	1.019
2/12/2018 21:15	429300	65.536	17.242	147.626	35306.203	41448.086	26.725	28.185	28.324	1.019
2/12/2018 21:30	430200	65.551	17.242	147.659	35292.137	41431.082	26.713	28.173	28.335	1.019
2/12/2018 21:45	431100	65.543	17.242	147.643	35290.355	41428.992	26.712	28.172	28.336	1.019
2/12/2018 22:00	432000	65.555	17.243	147.668	35299.137	41438.984	26.719	28.179	28.329	1.019
2/12/2018 22:15	432900	65.542	17.242	147.639	35296.383	41435.902	26.717	28.176	28.332	1.019
2/12/2018 22:30	433800	65.542	17.243	147.639	35297.762	41437.445	26.718	28.177	28.33	1.019
2/12/2018 22:45	434700	65.561	17.243	147.682	35298.832	41438.461	26.719	28.178	28.33	1.019
2/12/2018 23:00	435600	65.559	17.242	147.678	35298.027	41437.918	26.718	28.178	28.33	1.019
2/12/2018 23:15	436500	65.563	17.243	147.687	35316.047	41458.508	26.733	28.192	28.316	1.019
2/12/2018 23:30	437400	65.562	17.242	147.684	35303.184	41444.219	26.723	28.182	28.326	1.019
2/12/2018 23:45	438300	65.563	17.242	147.687	35291.898	41430.887	26.713	28.173	28.335	1.019
2/13/2018 0:00	439200	65.543	17.242	147.642	35293.973	41433.238	26.715	28.175	28.333	1.019
2/13/2018 0:15	440100	65.557	17.243	147.673	35302.461	41442.961	26.722	28.181	28.327	1.019
2/13/2018 0:30	441000	65.544	17.242	147.644	35302.059	41442.816	26.722	28.181	28.327	1.019
2/13/2018 0:45	441900	65.559	17.242	147.679	35304.488	41445.668	26.724	28.183	28.325	1.019
2/13/2018 1:00	442800	65.556	17.243	147.671	35295.199	41434.438	26.716	28.175	28.332	1.019
2/13/2018 1:15	443700	65.555	17.242	147.668	35286.863	41425.063	26.709	28.169	28.339	1.019
2/13/2018 1:30	444600	65.537	17.243	147.628	35282.453	41419.23	26.705	28.165	28.343	1.019
2/13/2018 1:45	445500	65.556	17.242	147.671	35295.328	41435.238	26.716	28.176	28.332	1.019
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2/14/2018 0:15	526500	65.559	17.243	147.678	35280.559	41417.172	26.703	28.164	28.344	1.019
2/14/2018 0:30	527400	65.557	17.243	147.674	35282.418	41419.191	26.705	28.165	28.343	1.019
2/14/2018 0:45	528300	65.558	17.243	147.676	35285.004	41422.297	26.707	28.167	28.341	1.019
2/14/2018 1:00	529200	65.559	17.242	147.677	35296.18	41435.75	26.717	28.176	28.332	1.019
2/14/2018 1:15	530100	65.556	17.243	147.672	35291.895	41430.227	26.713	28.173	28.335	1.019
2/14/2018 1:30	531000	65.558	17.243	147.676	35271.754	41406.582	26.696	28.156	28.351	1.019
2/14/2018 1:45	531900	65.544	17.243	147.644	35296.48	41435.609	26.717	28.176	28.331	1.019
2/14/2018 2:00	532800	65.556	17.243	147.672	35261.84	41395.035	26.688	28.149	28.359	1.019
2/14/2018 2:15	533700	65.551	17.243	147.66	35278.875	41414.777	26.702	28.162	28.346	1.019
2/14/2018 2:30	534600	65.549	17.243	147.656	35277.879	41413.934	26.701	28.161	28.346	1.019
2/14/2018 2:45	535500	65.548	17.243	147.654	35284.055	41420.949	26.706	28.166	28.341	1.019
2/14/2018 3:00	536400	65.553	17.243	147.666	35305.172	41445.902	26.724	28.183	28.324	1.019
2/14/2018 3:15	537300	65.553	17.243	147.666	35289.449	41427.355	26.711	28.171	28.337	1.019
2/14/2018 3:30	538200	65.552	17.243	147.662	35289.711	41427.824	26.711	28.171	28.337	1.019
2/14/2018 3:45	539100	65.542	17.243	147.639	35286.863	41424.41	26.709	28.169	28.339	1.019
2/14/2018 4:00	540000	65.552	17.243	147.662	35285.805	41422.75	26.707	28.167	28.34	1.019
2/14/2018 4:15	540900	65.552	17.243	147.662	35291.137	41429.262	26.712	28.172	28.336	1.019
2/14/2018 4:30	541800	65.556	17.243	147.672	35302.215	41442.176	26.721	28.181	28.327	1.019
2/14/2018 4:45	542700	65.553	17.243	147.664	35280.48	41416.754	26.703	28.163	28.344	1.019
2/14/2018 5:00	543600	65.558	17.243	147.676	35282.645	41419.621	26.705	28.165	28.343	1.019
2/14/2018 5:15	544500	65.56	17.243	147.68	35287.641	41425.563	26.709	28.169	28.339	1.019
2/14/2018 5:30	545400	65.548	17.243	147.653	35281.965	41418.324	26.704	28.164	28.343	1.019
2/14/2018 5:45	546300	65.568	17.244	147.697	35286.684	41423.539	26.708	28.168	28.339	1.019
2/14/2018 6:00	547200	65.566	17.243	147.693	35291.098	41428.961	26.712	28.172	28.336	1.019
2/14/2018 6:15	548100	65.573	17.243	147.71	35284.332	41421.105	26.706	28.166	28.341	1.019
2/14/2018 6:30	549000	65.575	17.243	147.714	35278.043	41413.891	26.701	28.161	28.346	1.019
2/14/2018 6:45	549900	65.563	17.243	147.688	35260.422	41393.367	26.686	28.147	28.36	1.019
2/14/2018 7:00	550800	65.582	17.243	147.731	35260.895	41393.508	26.686	28.148	28.36	1.019
2/14/2018 7:15	551700	65.585	17.243	147.736	35273.5	41408.559	26.697	28.158	28.35	1.019
2/14/2018 7:30	552600	65.592	17.243	147.752	35278.738	41414.539	26.701	28.162	28.346	1.019
2/14/2018 7:45	553500	65.6	17.243	147.771	35269.742	41404.148	26.694	28.155	28.353	1.019
2/14/2018 8:00	554400	65.598	17.242	147.767	35273.371	41408.891	26.697	28.158	28.35	1.019
2/14/2018 8:15	555300	65.6	17.243	147.769	35293.727	41432.539	26.714	28.174	28.334	1.019
2/14/2018 8:30	556200	65.605	17.243	147.782	35289.504	41427.508	26.711	28.171	28.337	1.019
2/14/2018 8:45	557100	65.613	17.243	147.799	35292.406	41430.754	26.713	28.173	28.335	1.019
2/14/2018 9:00	558000	65.612	17.243	147.797	35288.113	41425.383	26.709	28.169	28.338	1.019
2/14/2018 9:15	558900	65.613	17.243	147.801	35317.645	41460.383	26.734	28.193	28.314	1.019
2/14/2018 9:30	559800	65.621	17.243	147.817	35300.875	41440.441	26.72	28.18	28.328	1.019
2/14/2018 9:45	560700	65.619	17.243	147.814	35321.637	41465.066	26.738	28.196	28.311	1.019
2/14/2018 10:00	561600	65.623	17.243	147.823	35330.789	41475.887	26.745	28.204	28.304	1.019
2/14/2018 10:15	562500	65.623	17.243	147.822	35345.227	41492.59	26.757	28.215	28.292	1.019
2/14/2018 10:30	563400	65.621	17.243	147.819	35320.543	41463.785	26.737	28.195	28.312	1.019
2/14/2018 10:45	564300	65.62	17.243	147.815	35314.832	41456.91	26.732	28.191	28.317	1.019
2/14/2018 11:00	565200	65.618	17.243	147.811	35310.777	41452.148	26.728	28.187	28.32	1.019
2/14/2018 11:15	566100	65.619	17.243	147.812	35309.465	41450.852	26.727	28.187	28.321	1.019
2/14/2018 11:30	567000	65.615	17.243	147.804	35300.926	41440.586	26.72	28.18	28.328	1.019
2/14/2018 11:45	567900	65.616	17.243	147.806	35304.066	41444.27	26.723	28.182	28.325	1.019
2/14/2018 12:00	568800	65.611	17.243	147.796	35315.891	41458.23	26.733	28.192	28.316	1.019
2/14/2018 12:15	569700	65.607	17.243	147.786	35285.465	41422.188	26.707	28.167	28.34	1.019
2/14/2018 12:30	570600	65.597	17.243	147.763	35281.953	41418.227	26.704	28.164	28.343	1.019
2/14/2018 12:45	571500	65.582	17.243	147.731	35309.621	41451.125	26.728	28.187	28.321	1.019
2/14/2018 13:00	572400	65.588	17.243	147.743	35304.797	41445.207	26.723	28.183	28.325	1.019
2/14/2018 13:15	573300	65.584	17.243	147.735	35295.672	41434.914	26.716	28.176	28.332	1.019
2/14/2018 13:30	574200	65.58	17.243	147.725	35297.305	41436.172	26.717	28.177	28.331	1.019
2/14/2018 13:45	575100	65.569	17.243	147.702	35304.02	41444.133	26.723	28.182	28.325	1.019
2/14/2018 14:00	576000	65.564	17.243	147.689	35301.047	41440.641	26.72	28.18	28.328	1.019
2/14/2018 14:15	576900	65.545	17.243	147.647	35306.332	41446.848	26.725	28.184	28.324	1.019
2/14/2018 14:30	577800	65.554	17.243	147.667	35296.316	41435.508	26.716	28.176	28.332	1.019
2/14/2018 14:45	578700	65.549	17.244	147.655	35298.699	41437.559	26.718	28.178	28.33	1.019
2/14/2018 15:00	579600	65.544	17.243	147.645	35307.012	41447.727	26.725	28.184	28.323	1.019
2/14/2018 15:15	580500	65.535	17.243	147.623	35293.25	41431.574	26.714	28.173	28.334	1.019
2/14/2018 15:30	581400	65.53	17.243	147.614	35291.07	41429.094	26.712	28.172	28.336	1.019
2/14/2018 15:45	582300	65.526	17.244	147.603	35293.172	41430.996	26.713	28.173	28.334	1.019
2/14/2018 16:00	583200	65.519	17.244	147.589	35300.102	41439.203	26.719	28.179	28.329	1.019
2/14/2018 16:15	584100	65.505	17.243	147.556	35293.23	41431.629	26.714	28.174	28.334	1.019
2/14/2018 16:30	585000	65.513	17.243	147.574	35289.922	41427.422	26.711	28.171	28.337	1.019
2/14/2018 16:45	585900	65.501	17.243	147.547	35312.234	41453.773	26.73	28.189	28.319	1.019
2/14/2018 17:00	586800	65.494	17.244	147.532	35321.953	41464.855	26.737	28.196	28.311	1.019
2/14/2018 17:15	587700	65.509	17.243	147.566	35292.637	41430.93	26.713	28.173	28.335	1.019
2/14/2018 17:30	588600	65.499	17.243	147.544	35313.297	41455.023	26.73	28.189	28.318	1.019
2/14/2018 17:45	589500	65.502	17.243	147.55	35322.586	41466.344	26.738	28.197	28.31	1.019
2/14/2018 18:00	590400	65.49	17.244	147.523	35299.371	41438.348	26.719	28.178	28.329	1.019
2/14/2018 18:15	591300	65.505	17.243	147.555	35283.145	41419.789	26.705	28.165	28.342	1.019
2/14/2018 18:30	592200	65.508	17.244	147.562	35307.926	41448.477	26.726	28.185	28.322	1.019
2/14/2018 18:45	593100	65.512	17.243	147.572	35311.852	41453.324	26.729	28.188	28.319	1.019
2/14/2018 19:00	594000	65.499	17.244	147.544	35338.871	41484.641	26.752	28.21	28.297	1.019
2/14/2018 19:15	594900	65.516	17.243	147.58	35319.883	41462.754	26.736	28.195	28.313	1.019
2/14/2018 19:30	595800	65.504	17.243	147.554	35323.09	41466.441	26.739	28.197	28.31	1.019
2/14/2018 19:45	596700	65.52	17.244	147.589	35321.176	41464.031	26.737	28.196	28.312	1.019
2/14/2018 20:00	597600	65.52	17.243	147.591	35311.527	41453.109	26.729	28.188	28.319	1.019
2/14/2018 20:15	598500	65.527	17.244	147.606	35320.434	41463.16	26.736	28.195	28.312	1.019
2/14/2018 20:30	599400	65.53	17.244	147.613	35301.258	41440.563	26.72	28.18	28.328	1.019
2/14/2018 20:45	600300	65.533	17.243	147.619	35286.91	41424.301	26.708	28.169	28.339	1.019
2/14/2018 21:00	601200	65.527	17.243	147.606	35307.18	41447.762	26.725	28.184	28.323	1.019
2/14/2018 21:15	602100	65.545	17.243	147.646	35296.383	41435.004	26.716	28.176	28.332	1.019
2/14/2018 21:30	603000	65.547	17.244	147.65	35295.008	41433.07	26.715	28.174	28.333	1.019
2/14/2018 21:45	603900	65.548	17.243	147.653	35324.727	41468.441	26.74	28.199	28.309	1.019
2/14/2018 22:00	604800	65.557	17.243	147.673	35306.855	41447.547	26.725	28.184	28.323	1.019
2/14/2018 22:15	605700	65.554	17.243	147.667	35289.203	41426.738	26.71	28.17	28.337	1.019

Report Date: 2/16/2018 10:41
Report User Name: WMassoll
Report Computer Name: WKST52
Application: WinSitu.exe
Application Version: 5.6.27.1

Log File Properties
File Name: MPWSP MW-3S LT Test_2018-02-15_14-33-59-086.wsl
Create Date: 2/15/2018 14:32

Device Properties
Device: Aqua TROLL 200
Site: MPWSP MW-3S
Device Name:
Serial Number: 479259
Firmware Version: 2.01
Hardware Version: 4
Device Address: 1
Device Comm Cfg: 19200 8 Even 1 (Modbus-RTU)
Used Memory: 0
Used Battery: 9

Log Configuration
Log Name: MPWSP MW-3S LT Test
Created By: WMassoll
Computer Name: TABLET001
Application: WinSitu.exe
Application Version: 5.6.27.1
Create Date: 11/17/2017 1:26:44 PM Pacific Standard Time
Log Setup Time Zone: Pacific Standard Time
Notes Size(bytes): 4096
Overwrite when full: Enabled
Scheduled Start Time: 11/17/2017 1:30:00 PM Pacific Standard Time
Scheduled Stop Time: No Stop Time
Type: Linear
Interval: Days: 0 hrs: 00 mins: 15 secs: 00

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

Other Log Settings
Depth of Probe: 0.676151 (ft)
Head Pressure: 0.300165 (PSI)
Temperature: 18.1368 (C)

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

TDS Factor: 0.68

Log Notes:
Date and Time: Note
11/17/2017 13:26 Used Battery: 9% Used Memory: 3% User Name: WMassoll
11/17/2017 13:45 Log Download - Used Battery: 9% Used Memory: 3% User Name: WMassoll Interval - Start Time: 11/17/2017 1:30:00 PM Stop Time: 11/17/2017 1:45:00 PM
11/17/2017 13:46 Log Download - Used Battery: 9% Used Memory: 3% User Name: WMassoll Interval - Start Time: 11/17/2017 1:30:00 PM Stop Time: 11/17/2017 1:45:00 PM
11/17/2017 13:47 Log Download - Used Battery: 9% Used Memory: 3% User Name: WMassoll Interval - Start Time: 11/17/2017 12:30:00 PM Stop Time: 11/17/2017 2:45:00 PM
11/23/2017 9:41 Log Download - Used Battery: 9% Used Memory: 3% User Name: AVanHaitsma Interval - Start Time: 11/17/2017 1:30:00 PM Stop Time: 11/23/2017 10:30:00 AM
12/1/2017 15:29 Log Download - Used Battery: 10% Used Memory: 4% User Name: AVanHaitsma Interval - Start Time: 10/31/2017 10:00:00 PM Stop Time: 12/1/2017 4:15:00 PM
12/7/2017 17:46 Log Download - Used Battery: 10% Used Memory: 4% User Name: WMassoll Interval - Start Time: 11/29/2017 10:00:00 PM Stop Time: 12/7/2017 7:45:00 PM
12/14/2017 16:09 Log Download - Used Battery: 11% Used Memory: 6% User Name: WMassoll Interval - Start Time: 12/6/2017 10:00:00 PM Stop Time: 12/14/2017 5:00:00 PM
12/21/2017 13:19 Log Download - Used Battery: 11% Used Memory: 6% User Name: AVanHaitsma Interval - Start Time: 12/13/2017 10:00:00 PM Stop Time: 12/21/2017 2:15:00 PM
1/4/2018 17:31 Log Download - Used Battery: 12% Used Memory: 7% User Name: WMassoll Interval - Start Time: 11/30/2017 10:00:00 PM Stop Time: 1/4/2018 6:30:00 PM
1/11/2018 12:51 Log Download - Used Battery: 12% Used Memory: 9% User Name: AVanHaitsma Interval - Start Time: 1/3/2018 10:00:00 PM Stop Time: 1/11/2018 1:45:00 PM
1/18/2018 13:47 Log Download - Used Battery: 12% Used Memory: 9% User Name: WMassoll Interval - Start Time: 1/10/2018 10:00:00 PM Stop Time: 1/18/2018 4:00:00 PM
1/26/2018 17:28 Log Download - Used Battery: 13% Used Memory: 10% User Name: WMassoll Interval - Start Time: 1/17/2018 10:00:00 PM Stop Time: 1/26/2018 7:30:00 PM
2/2/2018 14:21 Log Download - Used Battery: 13% Used Memory: 10% User Name: WMassoll Interval - Start Time: 12/31/2017 10:00:00 PM Stop Time: 2/2/2018 4:15:00 PM
2/8/2018 12:43 Log Download - Used Battery: 13% Used Memory: 12% User Name: AVanHaitsma Interval - Start Time: 1/31/2018 10:00:00 PM Stop Time: 2/8/2018 1:30:00 PM
2/15/2018 14:31 Log Download - Used Battery: 14% Used Memory: 12% User Name: AVanHaitsma Interval - Start Time: 2/7/2018 10:00:00 PM Stop Time: 2/15/2018 3:30:00 PM

Log Data:
Record Count: 739

Sensors: 1
1 479259 PCTD 100 PSIG (70m/231ft)

Time Zone: Pacific Standard 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#: 479259 Pressure (PSI)	SN#: 479259 Temperature (C)	SN#: 479259 Depth (ft)	SN#: 479259 Actual Conductivity (µS/cm)	SN#: 479259 Specific Conductivity (µS/cm)	SN#: 479259 Salinity (PSU)	SN#: 479259 Total Dissolved Solids (ppt)	SN#: 479259 Resistivity (ohm-cm)	SN#: 479259 Water Density (g/cm3)
2/8/2018 0:00	7200	19.461	17.198	43.838	34873.605	40980.488	26.389	27.867	28.675	1.019
2/8/2018 0:15	8100	19.458	17.197	43.832	34858.281	40963.531	26.377	27.855	28.688	1.019
2/8/2018 0:30	9000	19.464	17.195	43.844	34873.531	40982.984	26.391	27.868	28.675	1.019
2/8/2018 0:45	9900	19.467	17.194	43.852	34863.371	40972.324	26.383	27.861	28.683	1.019
2/8/2018 1:00	10800	19.467	17.191	43.852	34818.34	40921.902	26.347	27.827	28.72	1.019
2/8/2018 1:15	11700	19.465	17.191	43.848	34861	40972.445	26.383	27.861	28.685	1.019
2/8/2018 1:30	12600	19.462	17.189	43.84	34837.496	40945.871	26.364	27.843	28.705	1.019
2/8/2018 1:45	13500	19.464	17.186	43.844	34834.207	40945.059	26.364	27.843	28.707	1.019
2/8/2018 2:00	14400	19.466	17.182	43.85	34846.73	40963.16	26.376	27.855	28.697	1.019
2/8/2018 2:15	15300	19.465	17.181	43.847	34820.852	40934.188	26.356	27.835	28.718	1.019
2/8/2018 2:30	16200	19.466	17.178	43.849	34808.668	40922.211	26.347	27.827	28.728	1.019
2/8/2018 2:45	17100	19.464	17.178	43.845	34809.313	40923.035	26.348	27.828	28.728	1.019
2/8/2018 3:00	18000	19.467	17.178	43.852	34795.852	40907.699	26.337	27.817	28.739	1.019
2/8/2018 3:15	18900	19.467	17.177	43.852	34812.133	40927.156	26.35	27.83	28.726	1.019
2/8/2018 3:30	19800	19.461	17.176	43.839	34800.84	40914.688	26.342	27.822	28.735	1.019
2/8/2018 3:45	20700	19.466	17.177	43.848	34820.141	40936.57	26.357	27.837	28.719	1.019
2/8/2018 4:00	21600	19.466	17.179	43.849	34831.996	40948.586	26.366	27.845	28.709	1.019
2/8/2018 4:15	22500	19.466	17.184	43.848	34823.344	40934.223	26.356	27.835	28.716	1.019
2/8/2018 4:30	23400	19.462	17.181	43.84	34812.781	40924.789	26.349	27.829	28.725	1.019
2/8/2018 4:45	24300	19.467	17.183	43.851	34815.18	40925.926	26.35	27.83	28.723	1.019
2/8/2018 5:00	25200	19.465	17.18	43.847	34780.758	40887.465	26.322	27.803	28.752	1.019
2/8/2018 5:15	26100	19.466	17.181	43.849	34800.047	40909.57	26.338	27.819	28.736	1.019
2/8/2018 5:30	27000	19.466	17.18	43.848	34825.73	40940.898	26.36	27.84	28.714	1.019
2/8/2018 5:45	27900	19.464	17.185	43.844	34823.332	40932.91	26.355	27.834	28.716	1.019
2/8/2018 6:00	28800	19.466	17.186	43.85	34837.156	40948.684	26.366	27.845	28.705	1.019
2/8/2018 6:15	29700	19.465	17.184	43.847	34815.641	40924.762	26.349	27.829	28.723	1.019
2/8/2018 6:30	30600	19.467	17.187	43.852	34853.188	40966.16	26.379	27.857	28.692	1.019
2/8/2018 6:45	31500	19.469	17.177	43.856	34830.648	40949.086	26.366	27.845	28.71	1.019
2/8/2018 7:00	32400	19.466	17.176	43.85	34820.656	40938.629	26.359	27.838	28.719	1.019
2/8/2018 7:15	33300	19.463	17.17	43.843	34814.957	40936.848	26.357	27.837	28.723	1.019
2/8/2018 7:30	34200	19.469	17.165	43.855	34821.676	40949.742	26.366	27.846	28.718	1.019
2/8/2018 7:45	35100	19.468	17.164	43.854	34803.836	40929.324	26.351	27.832	28.732	1.019
2/8/2018 8:00	36000	19.468	17.168	43.853	34831.973	40959.27	26.373	27.852	28.709	1.019
2/8/2018 8:15	36900	19.467	17.16	43.851	34805.281	40935.211	26.355	27.836	28.731	1.019
2/8/2018 8:30	37800	19.466	17.166	43.85	34813.773	40939.398	26.359	27.839	28.724	1.019
2/8/2018 8:45	38700	19.465	17.171	43.847	34825.535	40948.961	26.366	27.845	28.715	1.019
2/8/2018 9:00	39600	19.471	17.168	43.86	34821.176	40946.41	26.364	27.844	28.718	1.019
2/8/2018 9:15	40500	19.471	17.167	43.861	34830.074	40957.93	26.372	27.851	28.711	1.019
2/8/2018 9:30	41400	19.466	17.168	43.85	34820.012	40945.281	26.363	27.843	28.719	1.019
2/8/2018 9:45	42300	19.469	17.166	43.857	34803.805	40928.164	26.351	27.831	28.732	1.019
2/8/2018 10:00	43200	19.47	17.165	43.859	34833.898	40963.879	26.376	27.855	28.708	1.019
2/8/2018 10:15	44100	19.467	17.164	43.852	34809.598	40936.023	26.356	27.836	28.728	1.019
2/8/2018 10:30	45000	19.467	17.167	43.852	34845.309	40975.918	26.385	27.864	28.698	1.019
2/8/2018 10:45	45900	19.469	17.171	43.857	34823.684	40946.379	26.364	27.844	28.716	1.019
2/8/2018 11:00	46800	19.469	17.167	43.855	34838.168	40966.961	26.378	27.858	28.704	1.019
2/8/2018 11:15	47700	19.472	17.172	43.863	34845.98	40971.703	26.382	27.861	28.698	1.019
2/8/2018 11:30	48600	19.471	17.167	43.861	34831.816	40960.051	26.373	27.853	28.709	1.019
2/8/2018 11:45	49500	19.47	17.166	43.859	34835.961	40965.98	26.378	27.857	28.706	1.019
2/8/2018 12:00	50400	19.468	17.167	43.854	34825.477	40952.199	26.368	27.847	28.715	1.019
2/8/2018 12:15	51300	19.471	17.163	43.861	34846.793	40980.891	26.388	27.867	28.697	1.019
2/8/2018 12:30	52200	19.474	17.169	43.868	34848.078	40976.676	26.385	27.864	28.696	1.019
2/8/2018 12:45	53100	19.473	17.171	43.865	35031.723	41191.645	26.539	28.01	28.546	1.019
2/8/2018 13:00	54000	19.472	17.163	43.863	35015.68	41179.504	26.53	28.002	28.559	1.019
2/8/2018 13:15	54900	19.469	17.171	43.857	35031.59	41190.918	26.538	28.01	28.546	1.019
2/8/2018 13:30	55800	19.473	17.176	43.865	35023.605	41177.324	26.529	28.001	28.552	1.019
2/8/2018 13:45	56700	19.473	17.168	43.864	35027.906	41189.668	26.537	28.009	28.549	1.019
2/8/2018 14:00	57600	19.475	17.167	43.87	35004.023	41162.078	26.518	27.99	28.568	1.019
2/8/2018 14:15	58500	19.472	17.173	43.862	34999.758	41152.035	26.511	27.983	28.572	1.019
2/8/2018 14:30	59400	19.466	17.177	43.85	35016.93	41167.93	26.522	27.994	28.558	1.019
2/8/2018 14:45	60300	19.468	17.172	43.854	34998.281	41151.035	26.51	27.983	28.573	1.019
2/8/2018 15:00	61200	19.47	17.173	43.859	35025.215	41181.727	26.532	28.004	28.551	1.019
2/8/2018 15:15	62100	19.469	17.18	43.855	35025.84	41175.977	26.528	28	28.55	1.019
2/8/2018 15:30	63000	19.472	17.182	43.862	35030.332	41179.148	26.53	28.002	28.547	1.019
2/8/2018 15:45	63900	19.469	17.181	43.856	35013.363	41160.176	26.517	27.989	28.561	1.019
2/8/2018 16:00	64800	19.468	17.186	43.854	35058.422	41208.527	26.552	28.022	28.524	1.019
2/8/2018 16:15	65700	19.469	17.19	43.856	35042.379	41186.34	26.536	28.007	28.537	1.019
2/8/2018 16:30	66600	19.471	17.193	43.861	35035.621	41175.25	26.528	27.999	28.542	1.019
2/8/2018 16:45	67500	19.466	17.198	43.848	35053.293	41191.23	26.54	28.01	28.528	1.019
2/8/2018 17:00	68400	19.466	17.204	43.85	35043.707	41174.793	26.528	27.999	28.536	1.019
2/8/2018 17:15	69300	19.468	17.201	43.853	35047.633	41182.152	26.534	28.004	28.533	1.019
2/8/2018 17:30	70200	19.464	17.205	43.844	35054.602	41187.105	26.537	28.007	28.527	1.019
2/8/2018 17:45	71100	19.463	17.207	43.842	35050.676	41180.383	26.533	28.003	28.53	1.019
2/8/2018 18:00	72000	19.463	17.206	43.842	35041.879	41170.699	26.526	27.996	28.537	1.019
2/8/2018 18:15	72900	19.468	17.209	43.854	35070.113	41200.961	26.547	28.017	28.514	1.019
2/8/2018 18:30	73800	19.466	17.212	43.85	35073.617	41202.57	26.549	28.018	28.511	1.019
2/8/2018 18:45	74700	19.463	17.218	43.843	35051.523	41170.941	26.526	27.996	28.529	1.019
2/8/2018 19:00	75600	19.464	17.222	43.845	35042.156	41156.621	26.516	27.987	28.537	1.019
2/8/2018 19:15	76500	19.465	17.222	43.846	35065.496	41183.793	26.536	28.005	28.518	1.019
2/8/2018 19:30	77400	19.463	17.229	43.843	35061.988	41173.605	26.529	27.998	28.521	1.019
2/8/2018 19:45	78300	19.46	17.227	43.836	35070.18	41184.84	26.537	28.006	28.514	1.019
2/8/2018 20:00	79200	19.461	17.231	43.838	35083.691	41196.336	26.545	28.014	28.503	1.019
2/8/2018 20:15	80100	19.463	17.232	43.843	35070.762	41180.836	26.534	28.003	28.514	1.019
2/8/2018 20:30	81000	19.462	17.234	43.84	35074.922	41183.613	26.536	28.005	28.51	1.019
2/8/2018 20:45	81900	19.461	17.234	43.838	3503838					

2/8/2018 22:15	87300	19.463	17.205	43.842	35033.582	41162	26.519	27.99	28.544	1.019
2/8/2018 22:30	88200	19.46	17.201	43.836	35024.465	41155.34	26.514	27.986	28.551	1.019
2/8/2018 22:45	89100	19.46	17.197	43.835	35001.039	41131.039	26.497	27.969	28.571	1.019
2/8/2018 23:00	90000	19.461	17.193	43.837	34992.688	41125.109	26.492	27.965	28.577	1.019
2/8/2018 23:15	90900	19.46	17.191	43.835	34971.141	41101.895	26.476	27.949	28.595	1.019
2/8/2018 23:30	91800	19.458	17.189	43.83	34943.141	41070.441	26.453	27.928	28.618	1.019
2/8/2018 23:45	92700	19.46	17.188	43.836	34967.883	41100.402	26.475	27.948	28.598	1.019
2/9/2018 0:00	93600	19.461	17.183	43.837	34947.328	41080.699	26.46	27.935	28.614	1.019
2/9/2018 0:15	94500	19.458	17.178	43.831	34928.324	41062.711	26.447	27.923	28.63	1.019
2/9/2018 0:30	95400	19.461	17.167	43.839	34915.594	41058.492	26.444	27.92	28.64	1.019
2/9/2018 0:45	96300	19.458	17.166	43.83	34902.277	41043.227	26.433	27.909	28.651	1.019
2/9/2018 1:00	97200	19.46	17.166	43.835	34902.41	41043.309	26.433	27.909	28.651	1.019
2/9/2018 1:15	98100	19.461	17.162	43.838	34902.68	41047.82	26.436	27.913	28.651	1.019
2/9/2018 1:30	99000	19.461	17.155	43.837	34915.797	41069.719	26.451	27.927	28.64	1.019
2/9/2018 1:45	99900	19.46	17.151	43.835	34892.211	41045.211	26.433	27.911	28.66	1.019
2/9/2018 2:00	100800	19.46	17.148	43.836	34904.383	41062.445	26.446	27.922	28.65	1.019
2/9/2018 2:15	101700	19.46	17.149	43.836	34894.547	41050.633	26.437	27.914	28.658	1.019
2/9/2018 2:30	102600	19.461	17.151	43.839	34895.105	41048.613	26.436	27.913	28.657	1.019
2/9/2018 2:45	103500	19.459	17.15	43.834	34902.98	41059.414	26.443	27.92	28.651	1.019
2/9/2018 3:00	104400	19.466	17.155	43.848	34915.594	41069.563	26.451	27.927	28.64	1.019
2/9/2018 3:15	105300	19.461	17.154	43.837	34913.598	41067.539	26.449	27.926	28.642	1.019
2/9/2018 3:30	106200	19.461	17.141	43.837	34899.59	41063.668	26.446	27.923	28.654	1.019
2/9/2018 3:45	107100	19.461	17.144	43.838	34913.684	41077.664	26.456	27.933	28.642	1.019
2/9/2018 4:00	108000	19.463	17.136	43.842	34891.465	41058.563	26.442	27.92	28.66	1.019
2/9/2018 4:15	108900	19.46	17.142	43.835	34914.031	41079.773	26.458	27.934	28.642	1.019
2/9/2018 4:30	109800	19.466	17.145	43.848	34923.332	41087.637	26.463	27.94	28.634	1.019
2/9/2018 4:45	110700	19.463	17.147	43.841	34895.758	41053.176	26.439	27.916	28.657	1.019
2/9/2018 5:00	111600	19.464	17.152	43.845	34939.375	41100.121	26.473	27.948	28.621	1.019
2/9/2018 5:15	112500	19.459	17.151	43.834	34926.434	41085.953	26.462	27.938	28.632	1.019
2/9/2018 5:30	113400	19.466	17.152	43.848	34935.008	41094.574	26.469	27.944	28.625	1.019
2/9/2018 5:45	114300	19.463	17.152	43.841	34938.098	41098.703	26.472	27.947	28.622	1.019
2/9/2018 6:00	115200	19.459	17.16	43.834	34943.191	41097.25	26.471	27.946	28.618	1.019
2/9/2018 6:15	116100	19.458	17.158	43.83	34938.23	41093.684	26.468	27.944	28.622	1.019
2/9/2018 6:30	117000	19.464	17.161	43.845	34949.793	41104.289	26.476	27.951	28.612	1.019
2/9/2018 6:45	117900	19.459	17.157	43.833	34941.535	41097.813	26.471	27.947	28.619	1.019
2/9/2018 7:00	118800	19.465	17.163	43.846	34958.957	41112.797	26.482	27.957	28.605	1.019
2/9/2018 7:15	119700	19.459	17.162	43.833	34965.887	41121.68	26.488	27.963	28.599	1.019
2/9/2018 7:30	120600	19.463	17.161	43.842	34979.07	41138.234	26.5	27.974	28.589	1.019
2/9/2018 7:45	121500	19.458	17.16	43.832	34948.426	41103.09	26.475	27.95	28.614	1.019
2/9/2018 8:00	122400	19.461	17.168	43.838	34966.109	41116.523	26.485	27.959	28.599	1.019
2/9/2018 8:15	123300	19.46	17.167	43.835	34971.16	41123.59	26.49	27.964	28.595	1.019
2/9/2018 8:30	124200	19.461	17.165	43.839	34962.133	41114.68	26.484	27.958	28.602	1.019
2/9/2018 8:45	125100	19.458	17.169	43.831	34996.766	41151.59	26.51	27.983	28.574	1.019
2/9/2018 9:00	126000	19.463	17.173	43.841	34972.477	41119.559	26.487	27.961	28.594	1.019
2/9/2018 9:15	126900	19.457	17.176	43.828	34995.664	41144.543	26.505	27.978	28.575	1.019
2/9/2018 9:30	127800	19.461	17.165	43.838	34995.809	41154.121	26.512	27.985	28.575	1.019
2/9/2018 9:45	128700	19.46	17.171	43.835	34996.848	41149.75	26.509	27.982	28.574	1.019
2/9/2018 10:00	129600	19.459	17.172	43.834	34991.598	41143.418	26.504	27.978	28.578	1.019
2/9/2018 10:15	130500	19.46	17.162	43.836	34983.828	41142.777	26.504	27.977	28.585	1.019
2/9/2018 10:30	131400	19.459	17.164	43.834	35010.508	41173.105	26.525	27.998	28.563	1.019
2/9/2018 10:45	132300	19.461	17.165	43.837	35010.137	41171.129	26.524	27.996	28.563	1.019
2/9/2018 11:00	133200	19.458	17.165	43.83	35023.168	41187.02	26.535	28.007	28.553	1.019
2/9/2018 11:15	134100	19.462	17.174	43.84	35036.398	41194.383	26.541	28.012	28.542	1.019
2/9/2018 11:30	135000	19.455	17.178	43.824	35025.152	41177.277	26.529	28.001	28.551	1.019
2/9/2018 11:45	135900	19.456	17.169	43.826	35013.18	41171.137	26.524	27.996	28.561	1.019
2/9/2018 12:00	136800	19.461	17.171	43.837	35036.113	41196.48	26.542	28.014	28.542	1.019
2/9/2018 12:15	137700	19.462	17.169	43.84	35059.336	41225.25	26.563	28.033	28.523	1.019
2/9/2018 12:30	138600	19.459	17.166	43.833	35035.051	41200.18	26.545	28.016	28.543	1.019
2/9/2018 12:45	139500	19.457	17.16	43.828	35047.391	41219.801	26.558	28.029	28.533	1.019
2/9/2018 13:00	140400	19.457	17.161	43.829	35039.484	41209.285	26.551	28.022	28.539	1.019
2/9/2018 13:15	141300	19.456	17.164	43.826	35030.145	41196.199	26.542	28.013	28.547	1.019
2/9/2018 13:30	142200	19.457	17.166	43.828	35006.957	41166.82	26.521	27.993	28.566	1.019
2/9/2018 13:45	143100	19.457	17.162	43.829	35033.848	41202.168	26.546	28.017	28.544	1.019
2/9/2018 14:00	144000	19.455	17.172	43.824	35048.5	41210.398	26.552	28.023	28.532	1.019
2/9/2018 14:15	144900	19.453	17.164	43.821	35044.406	41212.16	26.553	28.024	28.535	1.019
2/9/2018 14:30	145800	19.456	17.163	43.826	35022.773	41188.254	26.536	28.008	28.553	1.019
2/9/2018 14:45	146700	19.452	17.171	43.818	35038.309	41198.578	26.544	28.015	28.54	1.019
2/9/2018 15:00	147600	19.453	17.167	43.819	35017.027	41177.203	26.528	28	28.558	1.019
2/9/2018 15:15	148500	19.458	17.173	43.83	35042.363	41201.969	26.546	28.017	28.537	1.019
2/9/2018 15:30	149400	19.458	17.175	43.831	35058.91	41219.633	26.559	28.029	28.523	1.019
2/9/2018 15:45	150300	19.453	17.179	43.819	35048.75	41203.559	26.548	28.018	28.532	1.019
2/9/2018 16:00	151200	19.456	17.18	43.827	35039.277	41191.852	26.539	28.01	28.539	1.019
2/9/2018 16:15	152100	19.457	17.185	43.83	35044.262	41192.926	26.54	28.011	28.535	1.019
2/9/2018 16:30	153000	19.45	17.189	43.813	35038.488	41182.586	26.533	28.004	28.54	1.019
2/9/2018 16:45	153900	19.456	17.197	43.827	35048.961	41187.355	26.537	28.007	28.532	1.019
2/9/2018 17:00	154800	19.452	17.197	43.818	35070.234	41212.77	26.555	28.025	28.514	1.019
2/9/2018 17:15	155700	19.45	17.2	43.814	35078.523	41219.668	26.56	28.029	28.507	1.019
2/9/2018 17:30	156600	19.45	17.202	43.812	35064.652	41201.094	26.547	28.017	28.519	1.019
2/9/2018 17:45	157500	19.45	17.205	43.813	35063.043	41196.617	26.544	28.014	28.52	1.019
2/9/2018 18:00	158400	19.452	17.208	43.819	35084.41	41218.891	26.56	28.029	28.503	1.019
2/9/2018 18:15	159300	19.451	17.213	43.816	35081.328	41211.059	26.555	28.024	28.505	1.019
2/9/2018 18:30	160200	19.452	17.217	43.819	35071.82	41196.156	26.544	28.013	28.513	1.019
2/9/2018 18:45	161100	19.454	17.219	43.823	35057.641	41176.392	26.531	28	28.524	1.019
2/9/2018 19:00	162000	19.453	17.219	43.82	35096.832	41223.102	26.564	28.032	28.493	1.019
2/9/2018 19:15	162900	19.449	17.222	43.812	35091.441	41214.59	26.558	28.026	28.497	1.019
2/9/2018 19:30	163800	19.449	17.225	43.81	35090.668	41210.445	26.555	28.023	28.498	1.019
2/9/2018 19:45	164700	19.452	17.228	43.817	35091.074	41208.574	26.554	28.022	28.497	1.019
2/9/2018 20:00	165600	19.451	17.23	43.816	35104.758	41222.773	26.564	28.031	28.486	1.019
2/9/2018 20:15	166500	19.451	17.229	43.816	35085.02	41200.242	26.548	28.016	28.502	1.019
2/9/2018 20:30	167400	19.452	17.23	43.818	35098.227	41214.695	26.558	28.026	28.491	1.019
2/9/2018 20:45	168300	19.454	17.23	43.823	35064.121	41174.32	26.5			

2/10/2018 18:45	247500	19.437	17.21	43.784	35113.125	41250.918	26.583	28.051	28.479	1.019
2/10/2018 19:00	248400	19.441	17.214	43.792	35087.656	41217.516	26.559	28.028	28.5	1.019
2/10/2018 19:15	249300	19.439	17.216	43.788	35095.816	41225.152	26.565	28.033	28.493	1.019
2/10/2018 19:30	250200	19.439	17.218	43.788	35115.691	41246.148	26.58	28.047	28.477	1.019
2/10/2018 19:45	251100	19.439	17.223	43.788	35101.059	41224.914	26.565	28.033	28.489	1.019
2/10/2018 20:00	252000	19.438	17.222	43.786	35122.898	41250.965	26.584	28.051	28.471	1.019
2/10/2018 20:15	252900	19.439	17.222	43.788	35099.391	41223.191	26.564	28.032	28.491	1.019
2/10/2018 20:30	253800	19.439	17.224	43.788	35102.141	41225.047	26.565	28.033	28.488	1.019
2/10/2018 20:45	254700	19.437	17.202	43.784	35069.121	41206.027	26.551	28.02	28.515	1.019
2/10/2018 21:00	255600	19.438	17.186	43.786	35046.898	41195.383	26.542	28.013	28.533	1.019
2/10/2018 21:15	256500	19.435	17.181	43.778	35016.914	41164.922	26.52	27.992	28.558	1.019
2/10/2018 21:30	257400	19.436	17.177	43.78	35019.129	41170.516	26.524	27.996	28.556	1.019
2/10/2018 21:45	258300	19.438	17.177	43.785	35020.121	41171.766	26.525	27.997	28.555	1.019
2/10/2018 22:00	259200	19.439	17.176	43.787	34994.242	41142.871	26.504	27.977	28.576	1.019
2/10/2018 22:15	260100	19.435	17.175	43.779	34966.938	41111.27	26.482	27.956	28.598	1.019
2/10/2018 22:30	261000	19.435	17.174	43.779	34935.465	41075.066	26.456	27.931	28.624	1.019
2/10/2018 22:45	261900	19.436	17.173	43.782	34942.895	41085.176	26.463	27.938	28.618	1.019
2/10/2018 23:00	262800	19.436	17.17	43.781	34930.305	41073.203	26.454	27.93	28.628	1.019
2/10/2018 23:15	263700	19.429	17.162	43.767	34909.727	41056.434	26.442	27.918	28.645	1.019
2/10/2018 23:30	264600	19.435	17.156	43.778	34908.586	41059.953	26.444	27.921	28.646	1.019
2/10/2018 23:45	265500	19.431	17.141	43.769	34892.945	41055.371	26.44	27.918	28.659	1.019
2/11/2018 0:00	266400	19.431	17.136	43.769	34895.355	41063.543	26.446	27.923	28.657	1.019
2/11/2018 0:15	267300	19.433	17.131	43.774	34869.586	41037.172	26.427	27.905	28.678	1.019
2/11/2018 0:30	268200	19.435	17.12	43.779	34839.254	41011.582	26.408	27.888	28.703	1.019
2/11/2018 0:45	269100	19.432	17.122	43.773	34862.219	41037.477	26.426	27.905	28.684	1.019
2/11/2018 1:00	270000	19.432	17.115	43.771	34840.031	41017.746	26.412	27.892	28.703	1.019
2/11/2018 1:15	270900	19.431	17.116	43.769	34835.957	41011.898	26.408	27.888	28.706	1.019
2/11/2018 1:30	271800	19.429	17.118	43.766	34877.176	41058.73	26.441	27.92	28.672	1.019
2/11/2018 1:45	272700	19.432	17.122	43.771	34856.961	41032.5	26.423	27.902	28.689	1.019
2/11/2018 2:00	273600	19.435	17.122	43.779	34871.98	41048.805	26.435	27.913	28.676	1.019
2/11/2018 2:15	274500	19.431	17.125	43.77	34876.445	41050.828	26.436	27.915	28.673	1.019
2/11/2018 2:30	275400	19.431	17.128	43.77	34864	41034	26.424	27.903	28.683	1.019
2/11/2018 2:45	276300	19.425	17.13	43.757	34904.828	41079.383	26.457	27.934	28.649	1.019
2/11/2018 3:00	277200	19.427	17.135	43.761	34877.25	41042.793	26.431	27.909	28.672	1.019
2/11/2018 3:15	278100	19.428	17.133	43.764	34903.223	41074.98	26.454	27.931	28.651	1.019
2/11/2018 3:30	279000	19.431	17.134	43.769	34875.32	41041.023	26.43	27.908	28.674	1.019
2/11/2018 3:45	279900	19.426	17.139	43.758	34893.199	41058.254	26.442	27.92	28.659	1.019
2/11/2018 4:00	280800	19.423	17.14	43.752	34891.645	41055.531	26.44	27.918	28.66	1.019
2/11/2018 4:15	281700	19.429	17.14	43.767	34880.359	41042.25	26.431	27.909	28.669	1.019
2/11/2018 4:30	282600	19.426	17.142	43.758	34904.234	41067.605	26.449	27.926	28.65	1.019
2/11/2018 4:45	283500	19.424	17.139	43.753	34907.273	41074.328	26.454	27.931	28.647	1.019
2/11/2018 5:00	284400	19.426	17.139	43.758	34912.91	41081.051	26.458	27.935	28.643	1.019
2/11/2018 5:15	285300	19.427	17.141	43.76	34895.598	41058.813	26.443	27.92	28.657	1.019
2/11/2018 5:30	286200	19.426	17.143	43.758	34896.977	41058.906	26.443	27.92	28.656	1.019
2/11/2018 5:45	287100	19.425	17.143	43.757	34914.551	41079.422	26.457	27.934	28.641	1.019
2/11/2018 6:00	288000	19.425	17.144	43.756	34933.871	41101.34	26.473	27.949	28.626	1.019
2/11/2018 6:15	288900	19.428	17.144	43.762	34913.891	41077.832	26.456	27.933	28.642	1.019
2/11/2018 6:30	289800	19.426	17.151	43.759	34920.836	41079.684	26.458	27.934	28.636	1.019
2/11/2018 6:45	290700	19.424	17.151	43.753	34927.055	41086.922	26.463	27.939	28.631	1.019
2/11/2018 7:00	291600	19.426	17.159	43.759	34925.262	41076.961	26.456	27.932	28.633	1.019
2/11/2018 7:15	292500	19.424	17.146	43.753	34929.699	41094.164	26.468	27.944	28.629	1.019
2/11/2018 7:30	293400	19.423	17.149	43.752	34951.336	41116.777	26.484	27.959	28.611	1.019
2/11/2018 7:45	294300	19.422	17.149	43.749	34955.973	41122.156	26.488	27.963	28.607	1.019
2/11/2018 8:00	295200	19.42	17.155	43.746	34945.715	41104.668	26.476	27.951	28.616	1.019
2/11/2018 8:15	296100	19.421	17.153	43.748	34972.941	41138.395	26.5	27.974	28.594	1.019
2/11/2018 8:30	297000	19.42	17.157	43.746	34933.875	41089.367	26.465	27.941	28.626	1.019
2/11/2018 8:45	297900	19.418	17.159	43.74	34956.488	41114.262	26.483	27.958	28.607	1.019
2/11/2018 9:00	298800	19.422	17.158	43.751	34970.84	41131.875	26.496	27.97	28.595	1.019
2/11/2018 9:15	299700	19.421	17.16	43.748	34956.387	41112.684	26.482	27.957	28.607	1.019
2/11/2018 9:30	300600	19.417	17.152	43.738	34963.098	41128.191	26.493	27.967	28.602	1.019
2/11/2018 9:45	301500	19.419	17.158	43.744	34988.25	41151.941	26.51	27.983	28.581	1.019
2/11/2018 10:00	302400	19.418	17.165	43.74	34993.57	41151.648	26.51	27.983	28.577	1.019
2/11/2018 10:15	303300	19.415	17.157	43.734	34978.445	41141.555	26.502	27.976	28.589	1.019
2/11/2018 10:30	304200	19.422	17.156	43.751	34993.035	41159.285	26.515	27.988	28.577	1.019
2/11/2018 10:45	305100	19.419	17.162	43.742	34981.199	41140.492	26.502	27.976	28.587	1.019
2/11/2018 11:00	306000	19.416	17.159	43.735	34998.246	41170.914	26.523	27.996	28.573	1.019
2/11/2018 11:15	306900	19.417	17.155	43.74	34987.676	41154.512	26.512	27.985	28.581	1.019
2/11/2018 11:30	307800	19.415	17.159	43.734	34988.672	41151.313	26.509	27.983	28.581	1.019
2/11/2018 11:45	308700	19.417	17.155	43.74	34994.027	41161.902	26.517	27.99	28.576	1.019
2/11/2018 12:00	309600	19.412	17.157	43.726	34999.406	41166.207	26.52	27.993	28.572	1.019
2/11/2018 12:15	310500	19.414	17.158	43.731	35020.145	41189.215	26.537	28.009	28.555	1.019
2/11/2018 12:30	311400	19.42	17.156	43.745	35023.887	41196.219	26.541	28.013	28.552	1.019
2/11/2018 12:45	312300	19.416	17.159	43.737	35022.082	41191.246	26.538	28.01	28.553	1.019
2/11/2018 13:00	313200	19.411	17.147	43.724	35017.43	41196.477	26.541	28.014	28.557	1.019
2/11/2018 13:15	314100	19.414	17.152	43.731	34992.621	41162.438	26.517	27.99	28.577	1.019
2/11/2018 13:30	315000	19.412	17.152	43.726	35023.832	41199.633	26.544	28.016	28.552	1.019
2/11/2018 13:45	315900	19.41	17.149	43.723	35014.145	41190.668	26.537	28.01	28.56	1.019
2/11/2018 14:00	316800	19.414	17.156	43.733	35014.727	41185.188	26.534	28.006	28.559	1.019
2/11/2018 14:15	317700	19.412	17.152	43.726	34997.121	41168.465	26.521	27.995	28.574	1.019
2/11/2018 14:30	318600	19.411	17.156	43.724	35015.859	41186.773	26.535	28.007	28.558	1.019
2/11/2018 14:45	319500	19.408	17.157	43.719	35039.563	41213.348	26.554	28.025	28.539	1.019
2/11/2018 15:00	320400	19.411	17.159	43.726	35030.285	41200.895	26.545	28.017	28.547	1.019
2/11/2018 15:15	321300	19.412	17.161	43.726	35037.555	41207.098	26.549	28.021	28.541	1.019
2/11/2018 15:30	322200	19.414	17.156	43.731	35035.715	41209.559	26.551	28.023	28.542	1.019
2/11/2018 15:45	323100	19.41	17.163	43.723	35018.188	41183.109	26.532	28.005	28.557	1.019
2/11/2018 16:00	324000	19.412	17.161	43.726	35038.656	41208.637	26.55	28.022	28.54	1.019
2/11/2018 16:15	324900	19.411	17.169	43.726	35048.445	41213.016	26.554	28.025	28.532	1.019
2/11/2018 16:30	325800	19.408	17.17	43.719	35030.113	41189.996	26.538	28.009	28.547	1.019
2/11/2018 16:45	326700	19.41	17.172	43.723	35059.465	41222.973	26.561	28.032	28.523	1.019
2/11/2018 17:00	327600	19.408	17.176	43.719	35055.242	41214.59	26.55			

2/12/2018 15:15	407700	19.382	17.142	43.66	35058.934	41249.699	26.579	28.05	28.523	1.019
2/12/2018 15:30	408600	19.378	17.149	43.651	35031.289	41211.09	26.552	28.024	28.546	1.019
2/12/2018 15:45	409500	19.377	17.151	43.647	35041.668	41221.188	26.559	28.03	28.537	1.019
2/12/2018 16:00	410400	19.376	17.154	43.647	35040.531	41217.41	26.556	28.028	28.538	1.019
2/12/2018 16:15	411300	19.379	17.151	43.653	35049.969	41231.516	26.566	28.037	28.531	1.019
2/12/2018 16:30	412200	19.375	17.155	43.644	35058.953	41237.781	26.571	28.042	28.523	1.019
2/12/2018 16:45	413100	19.377	17.156	43.649	35069	41249.027	26.579	28.049	28.515	1.019
2/12/2018 17:00	414000	19.377	17.16	43.647	35076.27	41254.02	26.583	28.053	28.509	1.019
2/12/2018 17:15	414900	19.373	17.165	43.641	35067.496	41239.227	26.572	28.043	28.516	1.019
2/12/2018 17:30	415800	19.375	17.167	43.644	35052.59	41219.344	26.558	28.029	28.529	1.019
2/12/2018 17:45	416700	19.373	17.17	43.64	35066.082	41232.289	26.568	28.038	28.518	1.019
2/12/2018 18:00	417600	19.378	17.177	43.651	35089.004	41253.156	26.583	28.052	28.499	1.019
2/12/2018 18:15	418500	19.372	17.178	43.637	35061.941	41220.207	26.56	28.03	28.521	1.019
2/12/2018 18:30	419400	19.373	17.185	43.641	35057.668	41208.453	26.552	28.022	28.524	1.019
2/12/2018 18:45	420300	19.373	17.186	43.641	35098.961	41256.668	26.586	28.055	28.491	1.019
2/12/2018 19:00	421200	19.373	17.186	43.64	35076.707	41229.852	26.567	28.036	28.509	1.019
2/12/2018 19:15	422100	19.376	17.189	43.647	35100.41	41254.887	26.585	28.053	28.49	1.019
2/12/2018 19:30	423000	19.373	17.194	43.639	35093.809	41242.738	26.576	28.045	28.495	1.019
2/12/2018 19:45	423900	19.37	17.202	43.633	35109.844	41254.281	26.585	28.053	28.482	1.019
2/12/2018 20:00	424800	19.374	17.205	43.642	35093.457	41232.676	26.57	28.038	28.495	1.019
2/12/2018 20:15	425700	19.373	17.205	43.64	35087.48	41225.004	26.564	28.033	28.5	1.019
2/12/2018 20:30	426600	19.371	17.207	43.635	35101.684	41240.156	26.575	28.043	28.489	1.019
2/12/2018 20:45	427500	19.369	17.21	43.63	35084.305	41217.223	26.559	28.028	28.503	1.019
2/12/2018 21:00	428400	19.373	17.211	43.639	35085.074	41216.672	26.559	28.027	28.502	1.019
2/12/2018 21:15	429300	19.373	17.208	43.639	35080.301	41214.301	26.557	28.026	28.506	1.019
2/12/2018 21:30	430200	19.37	17.179	43.633	35032.57	41185.105	26.535	28.006	28.545	1.019
2/12/2018 21:45	431100	19.372	17.17	43.638	35022.273	41181.027	26.531	28.003	28.553	1.019
2/12/2018 22:00	432000	19.37	17.168	43.632	35006.879	41164.941	26.52	27.992	28.566	1.019
2/12/2018 22:15	432900	19.373	17.167	43.641	34995.098	41151.824	26.51	27.983	28.575	1.019
2/12/2018 22:30	433800	19.37	17.166	43.633	34970.32	41123.488	26.49	27.964	28.596	1.019
2/12/2018 22:45	434700	19.369	17.166	43.63	34966.375	41119.418	26.487	27.961	28.599	1.019
2/12/2018 23:00	435600	19.372	17.165	43.637	34960.383	41113.012	26.482	27.957	28.604	1.019
2/12/2018 23:15	436500	19.372	17.163	43.638	34942.066	41093.426	26.468	27.944	28.619	1.019
2/12/2018 23:30	437400	19.368	17.16	43.629	34923.754	41074.301	26.455	27.931	28.634	1.019
2/12/2018 23:45	438300	19.368	17.155	43.629	34932.586	41089.398	26.465	27.941	28.627	1.019
2/13/2018 0:00	439200	19.37	17.147	43.633	34910.41	41070.504	26.451	27.928	28.645	1.019
2/13/2018 0:15	440100	19.369	17.14	43.631	34873.063	41032.941	26.424	27.902	28.675	1.019
2/13/2018 0:30	441000	19.369	17.136	43.63	34888.285	41054.902	26.44	27.917	28.663	1.019
2/13/2018 0:45	441900	19.37	17.113	43.634	34867.559	41051.859	26.436	27.915	28.68	1.019
2/13/2018 1:00	442800	19.37	17.116	43.634	34869.109	41051.016	26.436	27.915	28.679	1.019
2/13/2018 1:15	443700	19.368	17.11	43.629	34872.895	41060.977	26.443	27.921	28.676	1.019
2/13/2018 1:30	444600	19.367	17.113	43.626	34872.477	41057.48	26.44	27.919	28.676	1.019
2/13/2018 1:45	445500	19.37	17.117	43.634	34865.598	41045.496	26.432	27.911	28.682	1.019
2/13/2018 2:00	446400	19.368	17.122	43.628	34868.418	41044.613	26.432	27.91	28.679	1.019
2/13/2018 2:15	447300	19.368	17.119	43.628	34859.297	41036.473	26.426	27.905	28.687	1.019
2/13/2018 2:30	448200	19.367	17.121	43.626	34870.039	41047.09	26.433	27.912	28.678	1.019
2/13/2018 2:45	449100	19.367	17.126	43.625	34903.391	41082.215	26.459	27.936	28.651	1.019
2/13/2018 3:00	450000	19.368	17.126	43.629	34915.188	41095.941	26.468	27.945	28.641	1.019
2/13/2018 3:15	450900	19.364	17.125	43.62	34922.113	41104.344	26.474	27.951	28.635	1.019
2/13/2018 3:30	451800	19.37	17.13	43.632	34923.395	41101.715	26.473	27.949	28.634	1.019
2/13/2018 3:45	452700	19.366	17.135	43.623	34908.43	41079.738	26.457	27.934	28.646	1.019
2/13/2018 4:00	453600	19.367	17.133	43.627	34929.523	41106.184	26.476	27.952	28.629	1.019
2/13/2018 4:15	454500	19.368	17.136	43.629	34929.953	41103.602	26.474	27.95	28.629	1.019
2/13/2018 4:30	455400	19.367	17.137	43.627	34932.414	41105.375	26.476	27.952	28.627	1.019
2/13/2018 4:45	456300	19.367	17.14	43.626	34919.863	41088.008	26.463	27.94	28.637	1.019
2/13/2018 5:00	457200	19.364	17.141	43.619	34938.016	41109.133	26.478	27.954	28.622	1.019
2/13/2018 5:15	458100	19.368	17.144	43.629	34939.648	41107.488	26.478	27.953	28.621	1.019
2/13/2018 5:30	459000	19.368	17.14	43.629	34950.168	41123.836	26.489	27.964	28.612	1.019
2/13/2018 5:45	459900	19.363	17.146	43.618	34943.945	41111	26.48	27.955	28.617	1.019
2/13/2018 6:00	460800	19.366	17.148	43.623	34956.707	41124.563	26.49	27.965	28.607	1.019
2/13/2018 6:15	461700	19.367	17.14	43.626	34952.84	41126.809	26.491	27.966	28.61	1.019
2/13/2018 6:30	462600	19.366	17.143	43.623	34968.645	41142.492	26.502	27.977	28.597	1.019
2/13/2018 6:45	463500	19.367	17.141	43.626	34948.32	41120.934	26.487	27.962	28.614	1.019
2/13/2018 7:00	464400	19.366	17.144	43.623	34973.234	41147.484	26.506	27.98	28.593	1.019
2/13/2018 7:15	465300	19.369	17.153	43.63	34965.223	41129.637	26.494	27.968	28.6	1.019
2/13/2018 7:30	466200	19.367	17.154	43.625	34972.844	41137.391	26.499	27.973	28.594	1.019
2/13/2018 7:45	467100	19.363	17.149	43.617	34969.191	41137.785	26.499	27.974	28.597	1.019
2/13/2018 8:00	468000	19.365	17.152	43.622	34978.797	41146.746	26.506	27.98	28.589	1.019
2/13/2018 8:15	468900	19.364	17.148	43.62	34997.875	41172.582	26.524	27.997	28.573	1.019
2/13/2018 8:30	469800	19.364	17.16	43.62	34982.031	41143.344	26.504	27.977	28.586	1.019
2/13/2018 8:45	470700	19.367	17.161	43.626	34983.461	41143.398	26.504	27.978	28.585	1.019
2/13/2018 9:00	471600	19.367	17.154	43.627	35014.137	41186.039	26.534	28.007	28.56	1.019
2/13/2018 9:15	472500	19.366	17.157	43.623	35016.508	41186.395	26.534	28.007	28.558	1.019
2/13/2018 9:30	473400	19.368	17.154	43.629	34991.922	41159.992	26.519	27.989	28.578	1.019
2/13/2018 9:45	474300	19.373	17.156	43.64	35016.68	41187.336	26.535	28.007	28.558	1.019
2/13/2018 10:00	475200	19.368	17.155	43.629	35013.539	41184.445	26.533	28.005	28.56	1.019
2/13/2018 10:15	476100	19.371	17.163	43.635	35034.02	41201.074	26.545	28.017	28.544	1.019
2/13/2018 10:30	477000	19.371	17.162	43.635	35044.324	41214.336	26.555	28.026	28.535	1.019
2/13/2018 10:45	477900	19.372	17.162	43.638	35015.609	41180.887	26.531	28.003	28.559	1.019
2/13/2018 11:00	478800	19.377	17.159	43.649	35038.297	41210	26.551	28.023	28.54	1.019
2/13/2018 11:15	479700	19.376	17.161	43.646	35029.551	41198.176	26.543	28.015	28.547	1.019
2/13/2018 11:30	480600	19.372	17.149	43.637	35034.047	41214.172	26.554	28.026	28.544	1.019
2/13/2018 11:45	481500	19.372	17.157	43.638	35067.141	41245.949	26.577	28.047	28.517	1.019
2/13/2018 12:00	482400	19.374	17.157	43.642	35043.117	41217.527	26.557	28.028	28.536	1.019
2/13/2018 12:15	483300	19.375	17.155	43.644	35073.242	41254.672	26.583	28.053	28.512	1.019
2/13/2018 12:30	484200	19.373	17.157	43.639	35065.453	41243.566	26.575	28.046	28.518	1.019
2/13/2018 12:45	485100	19.375	17.156	43.644	35063.934	41242.75	26.575	28.045	28.519	1.019
2/13/2018 13:00	486000	19.377	17.156	43.649	35064.852	41243.828	26.575	28.046	28.519	1.019
2/13/2018 13:15	486900	19.373	17.156	43.641	35048.277	41224.977	26.562	28.033	28.532	1.019
2/13/2018 13:30	487800	19.375	17.152	43.644	35072.262	41256.363	26.584	28.054		

2/14/2018 11:45	567900	19.388	17.151	43.673	35045.844	41226.184	26.563	28.034	28.534	1.019
2/14/2018 12:00	568800	19.386	17.154	43.67	35066.547	41248.09	26.578	28.049	28.517	1.019
2/14/2018 12:15	569700	19.388	17.148	43.673	35058.852	41243.996	26.575	28.046	28.523	1.019
2/14/2018 12:30	570600	19.389	17.152	43.675	35067.938	41251.438	26.581	28.051	28.516	1.019
2/14/2018 12:45	571500	19.389	17.156	43.675	35050.477	41226.922	26.563	28.034	28.53	1.019
2/14/2018 13:00	572400	19.386	17.153	43.668	35066.305	41248.301	26.578	28.049	28.517	1.019
2/14/2018 13:15	573300	19.387	17.148	43.671	35055.969	41240.695	26.573	28.044	28.526	1.019
2/14/2018 13:30	574200	19.394	17.152	43.686	35065.281	41248.723	26.579	28.049	28.518	1.019
2/14/2018 13:45	575100	19.388	17.154	43.673	35077.785	41260.828	26.587	28.057	28.508	1.019
2/14/2018 14:00	576000	19.391	17.148	43.681	35087.344	41277.762	26.599	28.069	28.5	1.019
2/14/2018 14:15	576900	19.392	17.147	43.683	35080.848	41271.086	26.594	28.064	28.506	1.019
2/14/2018 14:30	577800	19.392	17.146	43.682	35060.797	41248.555	26.578	28.049	28.522	1.019
2/14/2018 14:45	578700	19.389	17.144	43.676	35082.887	41276.176	26.598	28.068	28.504	1.019
2/14/2018 15:00	579600	19.389	17.148	43.677	35083.133	41272.73	26.596	28.065	28.504	1.019
2/14/2018 15:15	580500	19.392	17.152	43.682	35095.094	41283.621	26.604	28.073	28.494	1.019
2/14/2018 15:30	581400	19.392	17.143	43.683	35076.59	41270.141	26.594	28.064	28.509	1.019
2/14/2018 15:45	582300	19.387	17.147	43.672	35094.008	41286.57	26.605	28.075	28.495	1.019
2/14/2018 16:00	583200	19.394	17.142	43.686	35070.785	41264.137	26.589	28.06	28.514	1.019
2/14/2018 16:15	584100	19.389	17.144	43.677	35065.242	41255.734	26.583	28.054	28.518	1.019
2/14/2018 16:30	585000	19.392	17.15	43.683	35084.813	41273.078	26.596	28.066	28.502	1.019
2/14/2018 16:45	585900	19.392	17.144	43.683	35069.121	41260.137	26.586	28.057	28.515	1.019
2/14/2018 17:00	586800	19.393	17.149	43.685	35099.355	41291.32	26.609	28.078	28.491	1.019
2/14/2018 17:15	587700	19.392	17.153	43.682	35105.094	41294.25	26.611	28.08	28.486	1.019
2/14/2018 17:30	588600	19.397	17.149	43.694	35066.434	41252.102	26.581	28.051	28.517	1.019
2/14/2018 17:45	589500	19.39	17.159	43.678	35103.512	41286.941	26.606	28.075	28.487	1.019
2/14/2018 18:00	590400	19.397	17.154	43.693	35085.531	41269.941	26.594	28.064	28.502	1.019
2/14/2018 18:15	591300	19.397	17.158	43.694	35105.605	41290.383	26.609	28.077	28.485	1.019
2/14/2018 18:30	592200	19.393	17.162	43.685	35093.793	41272.668	26.596	28.065	28.495	1.019
2/14/2018 18:45	593100	19.39	17.163	43.678	35119.73	41302.527	26.618	28.086	28.474	1.019
2/14/2018 19:00	594000	19.394	17.173	43.686	35098.797	41268.242	26.594	28.062	28.491	1.019
2/14/2018 19:15	594900	19.394	17.172	43.686	35112.199	41285.141	26.606	28.074	28.48	1.019
2/14/2018 19:30	595800	19.391	17.174	43.681	35116.258	41287.961	26.608	28.076	28.477	1.019
2/14/2018 19:45	596700	19.392	17.178	43.682	35121.539	41290.512	26.61	28.078	28.473	1.019
2/14/2018 20:00	597600	19.391	17.183	43.679	35089.738	41248.504	26.58	28.049	28.498	1.019
2/14/2018 20:15	598500	19.39	17.188	43.679	35105.68	41262.129	26.59	28.058	28.485	1.019
2/14/2018 20:30	599400	19.393	17.186	43.686	35118.344	41279.293	26.602	28.07	28.475	1.019
2/14/2018 20:45	600300	19.395	17.193	43.69	35126.813	41283.066	26.605	28.072	28.468	1.019
2/14/2018 21:00	601200	19.391	17.199	43.68	35157.859	41313.789	26.627	28.093	28.443	1.019
2/14/2018 21:15	602100	19.393	17.199	43.686	35124.516	41274.352	26.599	28.067	28.47	1.019
2/14/2018 21:30	603000	19.391	17.2	43.679	35122.523	41271.301	26.597	28.064	28.472	1.019
2/14/2018 21:45	603900	19.396	17.205	43.69	35131.645	41277.465	26.602	28.069	28.464	1.019
2/14/2018 22:00	604800	19.388	17.208	43.674	35123.426	41264.969	26.593	28.06	28.471	1.019
2/14/2018 22:15	605700	19.394	17.209	43.687	35148.746	41293.98	26.614	28.08	28.451	1.019
2/14/2018 22:30	606600	19.393	17.213	43.685	35123.426	41260.008	26.59	28.057	28.471	1.019
2/14/2018 22:45	607500	19.394	17.21	43.686	35133.996	41275.273	26.6	28.067	28.462	1.019
2/14/2018 23:00	608400	19.392	17.214	43.682	35123.914	41260.031	26.59	28.057	28.471	1.019
2/14/2018 23:15	609300	19.395	17.217	43.689	35117.395	41249.367	26.582	28.05	28.476	1.019
2/14/2018 23:30	610200	19.394	17.211	43.687	35106.035	41241.125	26.576	28.044	28.485	1.019
2/14/2018 23:45	611100	19.392	17.183	43.683	35088.098	41246.004	26.578	28.047	28.5	1.019

Report Date: 2/16/2018 10:41
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 LT TEST_2018-02-15_07-42-35-116.wsl
Create Date: 2/15/2018 7:42

Device Properties
Device: Aqua TROLL 200
Site: MPWSP MW-4D
Device Name:
Serial Number: 483442
Firmware Version: 2.01
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 MW-4D LT TEST
Created By: WMassoll
Computer Name: PROBOOK2
Application: WinSitu.exe
Application Version: 5.6.27.1
Create Date: 9/29/2017 11:12:58 AM Pacific Daylight Time
Log Setup Time Zone: Pacific Daylight Time
Notes Size(bytes): 4096
Overwrite when full: Enabled
Scheduled Start Time: 9/29/2017 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: 1.024

Other Log Settings
Depth of Probe: 0.954035 (ft)
Head Pressure: 0.423527 (PSI)
Temperature: 19.4979 (C)
Specific Conductivity Model: Standard Methods
Reference Temperature: 25
Temperature Coefficient: 0.0191
TDS Factor: 0.68

Log Notes:
Date and Time: Note
9/29/2017 11:13 Used Battery: 7% Used Memory: 3% User Name: WMassoll
9/29/2017 11:54 Log Download - Used Battery: 7% Used Memory: 3% User Name: WMassoll
10/5/2017 18:31 Log Download - Used Battery: 8% Used Memory: 3% User Name: WMassoll Interval - Start Time: 8/31/2017 11:30:00 AM Stop Time: 10/5/2017 6:30:00 PM
10/12/2017 9:49 Log Download - Used Battery: 8% Used Memory: 3% User Name: AVanHaitsma Interval - Start Time: 10/4/2017 10:00:00 PM Stop Time: 10/12/2017 11:45:00 AM
10/19/2017 8:02 Log Download - Used Battery: 8% Used Memory: 4% User Name: AVanHaitsma Interval - Start Time: 10/11/2017 10:00:00 PM Stop Time: 10/19/2017 6:15:00 PM
10/26/2017 17:45 Log Download - Used Battery: 9% Used Memory: 6% User Name: WMassoll Interval - Start Time: 10/18/2017 10:00:00 PM Stop Time: 10/26/2017 6:45:00 PM
11/2/2017 19:03 Log Download - Used Battery: 9% Used Memory: 6% User Name: WMassoll Interval - Start Time: 9/30/2017 10:00:00 PM Stop Time: 11/2/2017 8:00:00 PM
11/9/2017 17:53 Log Download - Used Battery: 9% Used Memory: 7% User Name: AVanHaitsma Interval - Start Time: 11/1/2017 10:00:00 PM Stop Time: 11/9/2017 7:45:00 PM
11/16/2017 17:24 Log Download - Used Battery: 10% Used Memory: 7% User Name: WMassoll Interval - Start Time: 11/8/2017 10:00:00 PM Stop Time: 11/16/2017 6:15:00 PM
11/23/2017 14:14 Log Download - Used Battery: 10% Used Memory: 9% User Name: AVanHaitsma Interval - Start Time: 11/15/2017 10:00:00 PM Stop Time: 11/23/2017 3:00:00 PM
12/1/2017 9:48 Log Download - Used Battery: 11% Used Memory: 9% User Name: AVanHaitsma Interval - Start Time: 10/31/2017 10:00:00 PM Stop Time: 12/1/2017 10:45:00 AM
12/7/2017 18:08 Log Download - Used Battery: 11% Used Memory: 10% User Name: WMassoll Interval - Start Time: 11/29/2017 10:00:00 PM Stop Time: 12/7/2017 6:45:00 PM
12/14/2017 17:08 Log Download - Used Battery: 11% Used Memory: 10% User Name: WMassoll Interval - Start Time: 12/6/2017 10:00:00 PM Stop Time: 12/14/2017 6:00:00 PM
12/21/2017 7:00 Log Download - Used Battery: 12% Used Memory: 12% User Name: AVanHaitsma Interval - Start Time: 12/13/2017 10:00:00 PM Stop Time: 12/21/2017 6:00:00 PM
1/4/2018 17:57 Log Download - Used Battery: 12% Used Memory: 14% User Name: WMassoll Interval - Start Time: 11/30/2017 10:00:00 PM Stop Time: 1/4/2018 6:45:00 PM
1/11/2018 7:35 Log Download - Used Battery: 13% Used Memory: 14% User Name: AVanHaitsma Interval - Start Time: 1/3/2018 10:00:00 PM Stop Time: 1/11/2018 9:30:00 AM
1/18/2018 14:02 Log Download - Used Battery: 13% Used Memory: 15% User Name: WMassoll Interval - Start Time: 1/10/2018 10:00:00 PM Stop Time: 1/18/2018 2:45:00 PM
1/26/2018 17:42 Log Download - Used Battery: 13% Used Memory: 15% User Name: WMassoll Interval - Start Time: 1/17/2018 10:00:00 PM Stop Time: 1/26/2018 6:30:00 PM
2/2/2018 14:49 Log Download - Used Battery: 14% Used Memory: 17% User Name: WMassoll Interval - Start Time: 12/31/2017 10:00:00 PM Stop Time: 2/2/2018 3:45:00 PM
2/8/2018 8:03 Log Download - Used Battery: 14% Used Memory: 17% User Name: AVanHaitsma Interval - Start Time: 1/31/2018 10:00:00 PM Stop Time: 2/8/2018 9:00:00 AM
2/15/2018 7:41 Log Download - Used Battery: 14% Used Memory: 18% User Name: AVanHaitsma Interval - Start Time: 2/7/2018 10:00:00 PM Stop Time: 2/15/2018 6:30:00 PM

Log Data:
Record Count: 711

Sensors: 1
1 483442 PCTD 300 PSIG (211m/692ft)

Time Zone: Pacific Standard Time

Date and Time	Elapsed Time Seconds	Sensor: PCTD(G) 692ft	Sensor: PCTD(G) 692ft	Sensor: PCTD(G) 692ft	Sensor: PCTD(G) 692ft	Sensor: PCTD(G) 692ft	Sensor: PCTD(G) 692ft	Sensor: PCTD(G) 692ft	Sensor: PCTD(G) 692ft	Sensor: PCTD(G) 692ft
		SN#: 483442 Pressure (PSI)	SN#: 483442 Temperature (C)	SN#: 483442 Depth (ft)	SN#: 483442 Actual Conductivity (µS/cm)	SN#: 483442 Specific Conductivity (µS/cm)	SN#: 483442 Salinity (PSU)	SN#: 483442 Total Dissolved Solids (ppt)	SN#: 483442 Resistivity (ohm-cm)	SN#: 483442 Water Density (g/cm3)
2/8/2018 0:00	7200	120.588	20.39	271.636	38013.707	41683.961	27.024	28.345	26.306	1.019
2/8/2018 0:15	8100	120.599	20.391	271.661	38040.859	41712.895	27.045	28.365	26.288	1.019
2/8/2018 0:30	9000	120.608	20.391	271.681	38020.734	41690.668	27.029	28.35	26.301	1.019
2/8/2018 0:45	9900	120.613	20.391	271.694	38025.977	41696.883	27.033	28.354	26.298	1.019
2/8/2018 1:00	10800	120.622	20.392	271.714	38017.859	41687.063	27.026	28.347	26.303	1.019
2/8/2018 1:15	11700	120.63	20.39	271.732	38010.613	41680.41	27.021	28.343	26.308	1.019
2/8/2018 1:30	12600	120.644	20.391	271.762	38038.813	41711.031	27.043	28.364	26.289	1.019
2/8/2018 1:45	13500	120.659	20.392	271.796	38013.824	41682.559	27.023	28.344	26.306	1.019
2/8/2018 2:00	14400	120.672	20.39	271.825	38011.195	41681.047	27.022	28.343	26.308	1.019
2/8/2018 2:15	15300	120.681	20.39	271.846	38019.852	41691.078	27.029	28.35	26.302	1.019
2/8/2018 2:30	16200	120.695	20.39	271.878	38050.793	41724.699	27.053	28.373	26.281	1.019
2/8/2018 2:45	17100	120.716	20.393	271.924	38045.324	41716.418	27.047	28.367	26.284	1.019
2/8/2018 3:00	18000	120.724	20.392	271.944	38041.121	41712.34	27.044	28.364	26.287	1.019
2/8/2018 3:15	18900	120.735	20.392	271.968	38031.508	41701.648	27.037	28.357	26.294	1.019
2/8/2018 3:30	19800	120.757	20.393	272.017	38057.844	41729.84	27.057	28.376	26.276	1.019
2/8/2018 3:45	20700	120.769	20.392	272.044	38046.734	41718.422	27.049	28.369	26.283	1.019
2/8/2018 4:00	21600	120.774	20.391	272.056	38066.164	41740.484	27.065	28.384	26.27	1.019
2/8/2018 4:15	22500	120.789	20.391	272.09	38009.102	41677.758	27.019	28.341	26.309	1.019
2/8/2018 4:30	23400	120.795	20.392	272.102	38013.195	41682.102	27.022	28.344	26.307	1.019
2/8/2018 4:45	24300	120.815	20.391	272.148	38040.863	41712.824	27.045	28.365	26.288	1.019
2/8/2018 5:00	25200	120.824	20.392	272.168	38032.609	41703.156	27.038	28.358	26.293	1.019
2/8/2018 5:15	26100	120.813	20.391	272.143	38033.098	41704.227	27.038	28.359	26.293	1.019
2/8/2018 5:30	27000	120.824	20.393	272.168	38047.602	41718.609	27.049	28.369	26.283	1.019
2/8/2018 5:45	27900	120.829	20.393	272.178	38050.055	41721.297	27.051	28.37	26.281	1.019
2/8/2018 6:00	28800	120.827	20.392	272.174	38049.469	41721.109	27.051	28.37	26.282	1.019
2/8/2018 6:15	29700	120.828	20.394	272.176	38055.086	41725.516	27.054	28.373	26.278	1.019
2/8/2018 6:30	30600	120.824	20.393	272.168	38067.547	41740.551	27.065	28.384	26.269	1.019
2/8/2018 6:45	31500	120.82	20.393	272.159	38083.012	41757.277	27.077	28.395	26.258	1.019
2/8/2018 7:00	32400	120.81	20.394	272.135	38042.957	41712.371	27.044	28.364	26.286	1.019
2/8/2018 7:15	33300	120.795	20.395	272.103	38069.496	41740.555	27.065	28.384	26.268	1.019
2/8/2018 7:30	34200	120.788	20.395	272.086	38027.133	41694.484	27.032	28.352	26.297	1.019
2/8/2018 7:45	35100	120.776	20.393	272.06	38056.781	41728.746	27.056	28.376	26.277	1.019
2/8/2018 8:00	36000	120.776	20.394	272.065	38068.777	41740.605	27.065	28.384	26.268	1.019
2/8/2018 8:15	36900	120.749	20.393	271.998	38074.059	41747.164	27.069	28.388	26.265	1.019
2/8/2018 8:30	37800	120.744	20.393	271.988	38084.609	41759.188	27.078	28.396	26.257	1.019
2/8/2018 8:45	38700	120.727	20.394	271.948	38093.434	41768.02	27.084	28.402	26.251	1.019
2/8/2018 9:00	39600	120.698	20.391	271.885	38075.465	41750.766	27.072	28.391	26.264	1.019
2/8/2018 9:15	40500	120.687	20.392	271.859	38069.254	41743.191	27.066	28.385	26.268	1.019
2/8/2018 9:30	41400	120.666	20.392	271.812	38057.039	41729.871	27.057	28.376	26.276	1.019
2/8/2018 9:45	42300	120.648	20.393	271.772	38069.113	41742.035	27.066	28.385	26.268	1.019
2/8/2018 10:00	43200	120.632	20.392	271.736	38086.957	41762.984	27.081	28.399	26.256	1.019
2/8/2018 10:15	44100	120.613	20.39	271.694	38069.59	41744.934	27.068	28.387	26.268	1.019
2/8/2018 10:30	45000	120.589	20.391	271.639	38086.664	41763.273	27.081	28.399	26.256	1.019
2/8/2018 10:45	45900	120.574	20.392	271.605	38065.566	41739.074	27.064	28.383	26.27	1.019
2/8/2018 11:00	46800	120.554	20.39	271.559	38087.43	41764.496	27.082	28.4	26.255	1.019
2/8/2018 11:15	47700	120.541	20.392	271.531	38066.125	41739.445	27.064	28.383	26.27	1.019
2/8/2018 11:30	48600	120.536	20.391	271.52	38076.977	41752.426	27.073	28.392	26.263	1.019
2/8/2018 11:45	49500	120.512	20.389	271.465	38066.078	41742.074	27.066	28.385	26.27	1.019
2/8/2018 12:00	50400	120.493	20.39	271.422	38063.141	41738.168	27.063	28.382	26.272	1.019
2/8/2018 12:15	51300	120.493	20.39	271.422	38041.176	41714.156	27.046	28.366	26.287	1.019
2/8/2018 12:30	52200	120.485	20.39	271.405	38059.32	41733.977	27.06	28.379	26.275	1.019
2/8/2018 12:45	53100	120.475	20.391	271.381	38027.965	41698.516	27.034	28.355	26.296	1.019
2/8/2018 13:00	54000	120.471	20.392	271.372	38041.859	41713.461	27.045	28.365	26.287	1.019
2/8/2018 13:15	54900	120.468	20.391	271.366	38038.355	41709.762	27.042	28.363	26.289	1.019
2/8/2018 13:30	55800	120.471	20.39	271.372	38050.645	41724.223	27.053	28.372	26.281	1.019
2/8/2018 13:45	56700	120.462	20.391	271.352	38051.18	41724.664	27.053	28.373	26.28	1.019
2/8/2018 14:00	57600	120.459	20.39	271.347	38042.387	41715.789	27.047	28.367	26.286	1.019
2/8/2018 14:15	58500	120.469	20.391	271.367	38070.023	41744.949	27.068	28.387	26.267	1.019
2/8/2018 14:30	59400	120.463	20.391	271.356	38033.809	41705.238	27.039	28.36	26.292	1.019
2/8/2018 14:45	60300	120.468	20.39	271.366	38066.359	41742.004	27.066	28.385	26.27	1.019
2/8/2018 15:00	61200	120.474	20.391	271.379	38055.805	41729.207	27.056	28.376	26.277	1.019
2/8/2018 15:15	62100	120.479	20.389	271.392	38052.289	41727.027	27.055	28.374	26.28	1.019
2/8/2018 15:30	63000	120.491	20.389	271.417	38072.414	41749.336	27.071	28.39	26.266	1.019
2/8/2018 15:45	63900	120.497	20.391	271.432	38036.266	41707.617	27.041	28.361	26.291	1.019
2/8/2018 16:00	64800	120.505	20.39	271.449	38054.734	41729.402	27.056	28.376	26.278	1.019
2/8/2018 16:15	65700	120.515	20.388	271.472	38045.27	41720.406	27.05	28.37	26.284	1.019
2/8/2018 16:30	66600	120.527	20.388	271.5	38051.438	41726.781	27.055	28.374	26.28	1.019
2/8/2018 16:45	67500	120.536	20.388	271.52	38078.262	41756.195	27.076	28.394	26.262	1.019
2/8/2018 17:00	68400	120.55	20.388	271.551	38059.859	41736.242	27.061	28.381	26.274	1.019
2/8/2018 17:15	69300	120.545	20.389	271.538	38063.41	41739.383	27.064	28.383	26.272	1.019
2/8/2018 17:30	70200	120.566	20.392	271.587	38057.828	41731.043	27.058	28.377	26.276	1.019
2/8/2018 17:45	71100	120.572	20.389	271.6	38056.77	41731.867	27.058	28.378	26.277	1.019
2/8/2018 18:00	72000	120.573	20.388	271.602	38044.863	41719.801	27.05	28.369	26.285	1.019
2/8/2018 18:15	72900	120.581	20.389	271.62	38054.59	41729.398	27.056	28.376	26.278	1.019
2/8/2018 18:30	73800	120.579	20.39	271.615	38045.504	41718.984	27.049	28.369	26.284	1.019
2/8/2018 18:45	74700	120.591	20.391	271.642	38067.219	41742.25	27.066	28.385	26.269	1.019
2/8/2018 19:00	75600	120.6	20.39	271.663	38072.152	41747.969	27.07	28.389	26.266	1.019
2/8/2018 19:15	76500	120.595	20.389	271.653	38066.637	41743.371	27.066	28.385	26.27	1.019
2/8/2018 19:30	77400	120.607	20.389	271.68	38051.449	41726.641	27.054	28.374	26.28	1.019
2/8/2018 19:45	78300	120.605	20.389	271.675	38087.316	41765.824	27.083	28.401	26.255	1.019
2/8/2018 20:00	79200	120.602	20.389	271.668	38058	41733.605	27.059	28.379	26.276	1.019
2/8/2018 20:15	80100	120.593	20.389	271.647	38079.211	41756.938	27.076	28.395	26.261	1.019
2/8/2018 20:30	81000	120.6	20.39	271.663	38075.418	41752.012	27.073	28.391	26.264	1.019
2/8/2018 20:45	81900	120.591	20.389	271.642	38101.063	41780.512	27.093	28.411	26.246	1.019

2/8/2018 21:00	82800	120.587	20.389	271.635	38074.656	41751.629	27.072	28.391	26.264	1.019
2/8/2018 21:15	83700	120.589	20.389	271.639	38083.953	41761.992	27.08	28.398	26.258	1.019
2/8/2018 21:30	84600	120.582	20.39	271.622	38063.762	41738.609	27.063	28.382	26.272	1.019
2/8/2018 21:45	85500	120.567	20.392	271.588	38075.48	41750.242	27.072	28.39	26.264	1.019
2/8/2018 22:00	86400	120.568	20.392	271.591	38048.785	41720.359	27.05	28.37	26.282	1.019
2/8/2018 22:15	87300	120.567	20.392	271.588	38048.719	41720.672	27.05	28.37	26.282	1.019
2/8/2018 22:30	88200	120.56	20.391	271.573	38082.559	41758.926	27.078	28.396	26.259	1.019
2/8/2018 22:45	89100	120.558	20.39	271.569	38072.566	41748.262	27.07	28.389	26.266	1.019
2/8/2018 23:00	90000	120.552	20.392	271.555	38079.102	41754.371	27.075	28.393	26.261	1.019
2/8/2018 23:15	90900	120.55	20.391	271.551	38079.211	41755.023	27.075	28.393	26.261	1.019
2/8/2018 23:30	91800	120.545	20.391	271.538	38062.93	41737.328	27.062	28.381	26.272	1.019
2/8/2018 23:45	92700	120.549	20.391	271.549	38061.211	41735.211	27.061	28.38	26.273	1.019
2/9/2018 0:00	93600	120.521	20.389	271.486	38070.52	41747.094	27.069	28.388	26.267	1.019
2/9/2018 0:15	94500	120.547	20.39	271.544	38066.586	41741.641	27.065	28.384	26.27	1.019
2/9/2018 0:30	95400	120.546	20.392	271.541	38058	41731.074	27.058	28.377	26.276	1.019
2/9/2018 0:45	96300	120.552	20.391	271.555	38066.41	41741.145	27.065	28.384	26.27	1.019
2/9/2018 1:00	97200	120.558	20.391	271.569	38103.992	41782.047	27.094	28.412	26.244	1.019
2/9/2018 1:15	98100	120.55	20.391	271.551	38071.59	41746.664	27.069	28.388	26.266	1.019
2/9/2018 1:30	99000	120.572	20.393	271.6	38111.977	41789.422	27.1	28.417	26.238	1.019
2/9/2018 1:45	99900	120.578	20.393	271.614	38091.352	41766.887	27.084	28.401	26.253	1.019
2/9/2018 2:00	100800	120.578	20.391	271.614	38083.926	41760.27	27.079	28.397	26.258	1.019
2/9/2018 2:15	101700	120.585	20.392	271.63	38066.641	41740.094	27.064	28.383	26.27	1.019
2/9/2018 2:30	102600	120.601	20.391	271.666	38109.406	41787.984	27.099	28.416	26.24	1.019
2/9/2018 2:45	103500	120.615	20.392	271.697	38080.625	41755.344	27.075	28.394	26.26	1.019
2/9/2018 3:00	104400	120.623	20.393	271.716	38097.301	41772.723	27.088	28.405	26.249	1.019
2/9/2018 3:15	105300	120.625	20.392	271.72	38101.484	41778.914	27.092	28.41	26.246	1.019
2/9/2018 3:30	106200	120.66	20.392	271.797	38075.953	41750.383	27.072	28.39	26.263	1.019
2/9/2018 3:45	107100	120.668	20.392	271.816	38118.617	41797.086	27.105	28.422	26.234	1.019
2/9/2018 4:00	108000	120.681	20.393	271.846	38085.359	41759.93	27.079	28.397	26.257	1.019
2/9/2018 4:15	108900	120.693	20.393	271.873	38088.551	41763.055	27.081	28.399	26.255	1.019
2/9/2018 4:30	109800	120.712	20.392	271.914	38080.91	41756.043	27.076	28.394	26.26	1.019
2/9/2018 4:45	110700	120.717	20.393	271.928	38117.469	41794.836	27.104	28.42	26.235	1.019
2/9/2018 5:00	111600	120.735	20.394	271.968	38099.137	41774.195	27.089	28.406	26.247	1.019
2/9/2018 5:15	112500	120.738	20.395	271.975	38115.563	41791.664	27.101	28.418	26.236	1.019
2/9/2018 5:30	113400	120.762	20.393	272.027	38131.387	41810.625	27.115	28.431	26.225	1.019
2/9/2018 5:45	114300	120.76	20.393	272.023	38114.426	41791.648	27.101	28.418	26.237	1.019
2/9/2018 6:00	115200	120.763	20.394	272.031	38125.305	41802.965	27.11	28.426	26.229	1.019
2/9/2018 6:15	116100	120.778	20.395	272.064	38090.199	41763.941	27.082	28.399	26.253	1.019
2/9/2018 6:30	117000	120.767	20.394	272.039	38083.102	41756.691	27.076	28.395	26.258	1.019
2/9/2018 6:45	117900	120.779	20.392	272.067	38090.82	41766.762	27.083	28.401	26.253	1.019
2/9/2018 7:00	118800	120.771	20.395	272.048	38121.414	41797.555	27.106	28.422	26.232	1.019
2/9/2018 7:15	119700	120.768	20.395	272.042	38119.535	41795.801	27.104	28.421	26.233	1.019
2/9/2018 7:30	120600	120.759	20.393	272.022	38088.863	41763.996	27.081	28.4	26.254	1.019
2/9/2018 7:45	121500	120.76	20.394	272.023	38112.223	41788.695	27.099	28.416	26.238	1.019
2/9/2018 8:00	122400	120.745	20.394	271.99	38096.563	41771.371	27.087	28.405	26.249	1.019
2/9/2018 8:15	123300	120.724	20.396	271.944	38089.539	41762.223	27.08	28.398	26.254	1.019
2/9/2018 8:30	124200	120.718	20.395	271.93	38148.359	41827.242	27.127	28.443	26.213	1.019
2/9/2018 8:45	125100	120.692	20.395	271.871	38091.645	41764.84	27.082	28.4	26.252	1.019
2/9/2018 9:00	126000	120.691	20.394	271.868	38124.629	41802.375	27.109	28.426	26.23	1.019
2/9/2018 9:15	126900	120.666	20.393	271.812	38125.488	41804.234	27.11	28.427	26.229	1.019
2/9/2018 9:30	127800	120.656	20.393	271.79	38136.59	41816.254	27.119	28.435	26.222	1.019
2/9/2018 9:45	128700	120.633	20.393	271.739	38113	41790.391	27.1	28.417	26.238	1.019
2/9/2018 10:00	129600	120.611	20.392	271.688	38104.539	41781.805	27.094	28.412	26.244	1.019
2/9/2018 10:15	130500	120.594	20.391	271.65	38093.141	41770.375	27.086	28.404	26.251	1.019
2/9/2018 10:30	131400	120.574	20.392	271.605	38104.082	41781.379	27.094	28.411	26.244	1.019
2/9/2018 10:45	132300	120.543	20.392	271.535	38096.34	41772.574	27.088	28.405	26.249	1.019
2/9/2018 11:00	133200	120.53	20.393	271.507	38079.625	41754.031	27.074	28.393	26.261	1.019
2/9/2018 11:15	134100	120.505	20.391	271.449	38110.586	41789.504	27.1	28.417	26.239	1.019
2/9/2018 11:30	135000	120.488	20.391	271.411	38128.102	41808.242	27.113	28.43	26.227	1.019
2/9/2018 11:45	135900	120.468	20.393	271.366	38143.656	41824.078	27.125	28.44	26.217	1.019
2/9/2018 12:00	136800	120.451	20.392	271.328	38121.621	41800.836	27.108	28.425	26.232	1.019
2/9/2018 12:15	137700	120.418	20.391	271.253	38088.262	41765.254	27.082	28.4	26.255	1.019
2/9/2018 12:30	138600	120.409	20.392	271.233	38107.371	41784.598	27.096	28.414	26.242	1.019
2/9/2018 12:45	139500	120.392	20.391	271.194	38119.039	41798.773	27.106	28.423	26.234	1.019
2/9/2018 13:00	140400	120.374	20.39	271.154	38096.066	41774.508	27.089	28.407	26.249	1.019
2/9/2018 13:15	141300	120.361	20.39	271.126	38127.957	41809.699	27.114	28.431	26.227	1.019
2/9/2018 13:30	142200	120.354	20.391	271.109	38103.379	41781.207	27.094	28.411	26.244	1.019
2/9/2018 13:45	143100	120.343	20.392	271.084	38122.398	41801.074	27.108	28.425	26.231	1.019
2/9/2018 14:00	144000	120.347	20.391	271.094	38064.281	41738.887	27.063	28.382	26.271	1.019
2/9/2018 14:15	144900	120.338	20.39	271.073	38090.402	41768.367	27.085	28.402	26.253	1.019
2/9/2018 14:30	145800	120.325	20.389	271.043	38103.574	41783.652	27.096	28.413	26.244	1.019
2/9/2018 14:45	146700	120.328	20.39	271.051	38079.289	41756.031	27.076	28.394	26.261	1.019
2/9/2018 15:00	147600	120.333	20.39	271.061	38095.973	41774.477	27.089	28.407	26.249	1.019
2/9/2018 15:15	148500	120.333	20.389	271.061	38081.598	41758.941	27.078	28.396	26.259	1.019
2/9/2018 15:30	149400	120.331	20.39	271.057	38123.676	41804.855	27.111	28.427	26.23	1.019
2/9/2018 15:45	150300	120.337	20.389	271.07	38117.41	41798.598	27.106	28.423	26.235	1.019
2/9/2018 16:00	151200	120.351	20.388	271.101	38114.902	41796.375	27.105	28.422	26.236	1.019
2/9/2018 16:15	152100	120.359	20.389	271.121	38098.035	41777.352	27.091	28.409	26.248	1.019
2/9/2018 16:30	153000	120.373	20.39	271.152	38085.648	41763.23	27.081	28.399	26.257	1.019
2/9/2018 16:45	153900	120.373	20.39	271.152	38110	41789.785	27.1	28.417	26.24	1.019
2/9/2018 17:00	154800	120.386	20.388	271.182	38079.449	41757.727	27.077	28.395	26.261	1.019
2/9/2018 17:15	155700	120.398	20.39	271.208	38084.852	41761.668	27.08	28.398	26.257	1.019
2/9/2018 17:30	156600	120.414	20.39	271.243	38110.207	41789.699	27.1	28.417	26.24	1.019
2/9/2018 17:45	157500	120.421	20.388	271.261	38111.934	41793.273	27.102	28.419	26.239	1.019
2/9/2018 18:00	158400	120.439	20.393	271.301	38100.266	41776.195	27.09	28.408	26.247	1.019
2/9/2018 18:15	159300	120.44	20.391	271.303	38094.281	41771.16	27.087	28.404	26.251	1.019
2/9/2018 18:30	160200	120.462	20.39	271.351	38108.93	41788.137	27.099	28.416	26.241	1.019
2/9/2018 18:45	161100	120.47	20.389	271.369	38083.656	41761.5	27.08	28.398	26.258	1.019
2/9/2018 19:00	162000	120.479	20.388	271.392	38097.383	41777.633	27.091	28.409	26.249	1.019
2/9/2018 19:15	162900	120.491	20.388	271.417</						

2/10/2018 17:30	243000	120.311	20.39	271.012	38098.301	41776.879	27.091	28.408	26.248	1.019
2/10/2018 17:45	243900	120.322	20.39	271.037	38138.246	41820.281	27.122	28.438	26.22	1.019
2/10/2018 18:00	244800	120.33	20.389	271.055	38145.594	41829.418	27.128	28.444	26.215	1.019
2/10/2018 18:15	245700	120.352	20.39	271.104	38117.594	41797.719	27.106	28.422	26.235	1.019
2/10/2018 18:30	246600	120.351	20.39	271.102	38123.574	41804.277	27.11	28.427	26.23	1.019
2/10/2018 18:45	247500	120.368	20.389	271.141	38149.074	41833.77	27.132	28.447	26.213	1.019
2/10/2018 19:00	248400	120.379	20.388	271.165	38150.449	41835.512	27.133	28.448	26.212	1.019
2/10/2018 19:15	249300	120.4	20.388	271.212	38166.262	41853.004	27.145	28.46	26.201	1.019
2/10/2018 19:30	250200	120.417	20.389	271.25	38161.984	41847.164	27.141	28.456	26.204	1.019
2/10/2018 19:45	251100	120.433	20.391	271.288	38132.832	41814.055	27.117	28.434	26.224	1.019
2/10/2018 20:00	252000	120.433	20.388	271.288	38170.258	41857.078	27.148	28.463	26.198	1.019
2/10/2018 20:15	252900	120.443	20.389	271.309	38160.773	41846.598	27.141	28.456	26.205	1.019
2/10/2018 20:30	253800	120.449	20.39	271.324	38122.797	41803.738	27.11	28.427	26.231	1.019
2/10/2018 20:45	254700	120.457	20.39	271.34	38169.977	41855.078	27.147	28.461	26.199	1.019
2/10/2018 21:00	255600	120.463	20.39	271.356	38151.793	41835.137	27.133	28.448	26.211	1.019
2/10/2018 21:15	256500	120.464	20.391	271.357	38158.43	41842.121	27.138	28.453	26.207	1.019
2/10/2018 21:30	257400	120.474	20.39	271.379	38154.723	41838.434	27.135	28.45	26.209	1.019
2/10/2018 21:45	258300	120.469	20.39	271.367	38174.824	41860.789	27.151	28.465	26.195	1.019
2/10/2018 22:00	259200	120.471	20.391	271.372	38152.941	41836.031	27.133	28.449	26.21	1.019
2/10/2018 22:15	260100	120.462	20.39	271.352	38167.055	41852.348	27.145	28.46	26.201	1.019
2/10/2018 22:30	261000	120.475	20.39	271.381	38148.664	41831.707	27.13	28.446	26.213	1.019
2/10/2018 22:45	261900	120.462	20.389	271.352	38177.039	41863.988	27.153	28.468	26.194	1.019
2/10/2018 23:00	262800	120.448	20.393	271.321	38147.734	41828.094	27.128	28.443	26.214	1.019
2/10/2018 23:15	263700	120.449	20.391	271.324	38144.809	41826.805	27.127	28.442	26.216	1.019
2/10/2018 23:30	264600	120.45	20.391	271.326	38156.281	41839.91	27.136	28.451	26.208	1.019
2/10/2018 23:45	265500	120.428	20.39	271.277	38176.965	41862.98	27.153	28.467	26.194	1.019
2/11/2018 0:00	266400	120.433	20.392	271.288	38157.07	41839.707	27.136	28.451	26.207	1.019
2/11/2018 0:15	267300	120.428	20.391	271.277	38165.766	41849.469	27.143	28.458	26.201	1.019
2/11/2018 0:30	268200	120.422	20.392	271.262	38190.305	41876.23	27.162	28.476	26.185	1.019
2/11/2018 0:45	269100	120.411	20.391	271.238	38152.363	41835.617	27.133	28.448	26.211	1.019
2/11/2018 1:00	270000	120.402	20.391	271.218	38161.703	41845.402	27.14	28.455	26.204	1.019
2/11/2018 1:15	270900	120.404	20.393	271.221	38168.125	41850.762	27.144	28.459	26.2	1.019
2/11/2018 1:30	271800	120.406	20.392	271.226	38165.336	41848.852	27.143	28.457	26.202	1.019
2/11/2018 1:45	272700	120.398	20.391	271.208	38182.672	41868.395	27.157	28.471	26.19	1.019
2/11/2018 2:00	273600	120.393	20.391	271.198	38191.801	41878.48	27.164	28.477	26.184	1.019
2/11/2018 2:15	274500	120.393	20.39	271.196	38193.52	41881.207	27.166	28.479	26.182	1.019
2/11/2018 2:30	275400	120.375	20.392	271.156	38154.512	41836.984	27.134	28.449	26.209	1.019
2/11/2018 2:45	276300	120.4	20.391	271.212	38161.918	41845.324	27.14	28.455	26.204	1.019
2/11/2018 3:00	277200	120.4	20.392	271.212	38171.973	41855.508	27.147	28.462	26.197	1.019
2/11/2018 3:15	278100	120.411	20.392	271.238	38186.453	41871.773	27.159	28.473	26.187	1.019
2/11/2018 3:30	279000	120.419	20.391	271.256	38175.965	41861.043	27.151	28.466	26.194	1.019
2/11/2018 3:45	279900	120.434	20.391	271.289	38166.484	41850.406	27.144	28.458	26.201	1.019
2/11/2018 4:00	280800	120.433	20.391	271.288	38179.598	41865.18	27.154	28.468	26.192	1.019
2/11/2018 4:15	281700	120.454	20.393	271.333	38185.738	41870.457	27.158	28.472	26.188	1.019
2/11/2018 4:30	282600	120.467	20.393	271.363	38181.461	41864.93	27.154	28.468	26.191	1.019
2/11/2018 4:45	283500	120.471	20.393	271.372	38159.066	41840.52	27.137	28.452	26.206	1.019
2/11/2018 5:00	284400	120.485	20.392	271.405	38181.309	41866.059	27.155	28.469	26.191	1.019
2/11/2018 5:15	285300	120.501	20.393	271.441	38167.266	41849.66	27.143	28.458	26.2	1.019
2/11/2018 5:30	286200	120.515	20.393	271.472	38172.047	41855.441	27.147	28.462	26.197	1.019
2/11/2018 5:45	287100	120.527	20.393	271.5	38184.738	41868.977	27.157	28.471	26.188	1.019
2/11/2018 6:00	288000	120.55	20.392	271.551	38196.234	41882.27	27.167	28.48	26.181	1.019
2/11/2018 6:15	288900	120.552	20.392	271.555	38186.086	41871.371	27.159	28.473	26.188	1.019
2/11/2018 6:30	289800	120.57	20.391	271.596	38187.73	41874.016	27.161	28.474	26.186	1.019
2/11/2018 6:45	290700	120.582	20.393	271.624	38173.258	41856.23	27.148	28.462	26.196	1.019
2/11/2018 7:00	291600	120.581	20.393	271.62	38156.219	41837.777	27.135	28.45	26.208	1.019
2/11/2018 7:15	292500	120.598	20.394	271.659	38195.07	41879.77	27.165	28.478	26.181	1.019
2/11/2018 7:30	293400	120.603	20.394	271.671	38160.215	41841.473	27.137	28.452	26.205	1.019
2/11/2018 7:45	294300	120.614	20.393	271.695	38190.73	41875.164	27.162	28.475	26.184	1.019
2/11/2018 8:00	295200	120.608	20.393	271.681	38179.883	41863.652	27.153	28.467	26.192	1.019
2/11/2018 8:15	296100	120.617	20.394	271.702	38176.105	41858.895	27.15	28.464	26.194	1.019
2/11/2018 8:30	297000	120.617	20.395	271.701	38195.152	41878.707	27.164	28.478	26.181	1.019
2/11/2018 8:45	297900	120.601	20.393	271.666	38171.402	41853.973	27.146	28.461	26.198	1.019
2/11/2018 9:00	298800	120.592	20.394	271.645	38180.379	41863.426	27.153	28.467	26.191	1.019
2/11/2018 9:15	299700	120.589	20.393	271.639	38195.785	41880.855	27.166	28.479	26.181	1.019
2/11/2018 9:30	300600	120.576	20.394	271.609	38177.246	41859.918	27.151	28.465	26.194	1.019
2/11/2018 9:45	301500	120.564	20.393	271.581	38192.434	41877.035	27.163	28.476	26.183	1.019
2/11/2018 10:00	302400	120.547	20.395	271.543	38180.313	41862.586	27.153	28.467	26.192	1.019
2/11/2018 10:15	303300	120.541	20.393	271.531	38187.945	41872.719	27.16	28.473	26.186	1.019
2/11/2018 10:30	304200	120.517	20.394	271.477	38235.254	41923.289	27.196	28.508	26.154	1.019
2/11/2018 10:45	305100	120.488	20.394	271.411	38191.355	41875.309	27.162	28.475	26.184	1.019
2/11/2018 11:00	306000	120.466	20.392	271.36	38180.668	41865.125	27.154	28.468	26.191	1.019
2/11/2018 11:15	306900	120.444	20.393	271.312	38192.293	41877.102	27.163	28.476	26.183	1.019
2/11/2018 11:30	307800	120.42	20.392	271.257	38187.09	41872.625	27.16	28.473	26.187	1.019
2/11/2018 11:45	308700	120.39	20.39	271.191	38199.781	41887.922	27.171	28.484	26.178	1.019
2/11/2018 12:00	309600	120.368	20.391	271.141	38202.641	41890.133	27.172	28.485	26.176	1.019
2/11/2018 12:15	310500	120.343	20.391	271.084	38214.625	41903.117	27.182	28.494	26.168	1.019
2/11/2018 12:30	311400	120.315	20.392	271.02	38200.563	41887.172	27.17	28.483	26.178	1.019
2/11/2018 12:45	312300	120.282	20.391	270.948	38199.855	41887.391	27.17	28.483	26.178	1.019
2/11/2018 13:00	313200	120.259	20.389	270.894	38159.289	41844.133	27.139	28.454	26.206	1.019
2/11/2018 13:15	314100	120.244	20.393	270.862	38182.883	41867.25	27.156	28.47	26.19	1.019
2/11/2018 13:30	315000	120.217	20.391	270.799	38161.566	41844.938	27.14	28.455	26.204	1.019
2/11/2018 13:45	315900	120.197	20.391	270.755	38220.984	41910.332	27.187	28.499	26.164	1.019
2/11/2018 14:00	316800	120.175	20.39	270.705	38192.719	41880.176	27.165	28.479	26.183	1.019
2/11/2018 14:15	317700	120.154	20.389	270.659	38197.867	41887.055	27.17	28.483	26.179	1.019
2/11/2018 14:30	318600	120.15	20.391	270.649	38195.93	41883.242	27.167	28.481	26.181	1.019
2/11/2018 14:45	319500	120.13	20.391	270.604	38164.773	41849.004	27.143	28.457	26.202	1.019
2/11/2018 15:00	320400	120.108	20.391	270.555	38192.297	41879.258	27.164	28.478	26.183	1.019
2/11/2018 15:15	321300	120.104	20.393	270.546	38199.504	41885.551	27.169	28.482	26.178	1.019
2/11/2018 15:30	322200	120.1	20.39	270.536	38169.4					

2/12/2018 14:00	403200	120.271	20.389	270.922	38258.918	41954.074	27.218	28.529	26.138	1.019
2/12/2018 14:15	404100	120.246	20.39	270.867	38249.785	41943.289	27.211	28.521	26.144	1.019
2/12/2018 14:30	405000	120.235	20.391	270.84	38233.633	41923.961	27.197	28.508	26.155	1.019
2/12/2018 14:45	405900	120.206	20.389	270.777	38251.629	41946.156	27.213	28.523	26.143	1.019
2/12/2018 15:00	406800	120.196	20.39	270.753	38235.504	41927.246	27.199	28.511	26.154	1.019
2/12/2018 15:15	407700	120.176	20.39	270.708	38227.875	41919.266	27.193	28.505	26.159	1.019
2/12/2018 15:30	408600	120.162	20.389	270.678	38225.891	41917.168	27.192	28.504	26.16	1.019
2/12/2018 15:45	409500	120.154	20.39	270.658	38222.293	41912.996	27.189	28.501	26.163	1.019
2/12/2018 16:00	410400	120.151	20.388	270.652	38222.867	41914.848	27.19	28.502	26.162	1.019
2/12/2018 16:15	411300	120.142	20.39	270.631	38246.648	41939.086	27.208	28.519	26.146	1.019
2/12/2018 16:30	412200	120.141	20.39	270.628	38219.684	41910.281	27.187	28.499	26.165	1.019
2/12/2018 16:45	413100	120.127	20.389	270.599	38224.152	41916.098	27.191	28.503	26.161	1.019
2/12/2018 17:00	414000	120.136	20.39	270.618	38222.473	41912.574	27.188	28.501	26.163	1.019
2/12/2018 17:15	414900	120.141	20.389	270.628	38198.055	41887.332	27.17	28.483	26.179	1.019
2/12/2018 17:30	415800	120.156	20.389	270.662	38242.738	41936.184	27.205	28.517	26.149	1.019
2/12/2018 17:45	416700	120.166	20.389	270.685	38218.742	41910.168	27.187	28.499	26.165	1.019
2/12/2018 18:00	417600	120.174	20.389	270.704	38236.859	41929.27	27.2	28.512	26.153	1.019
2/12/2018 18:15	418500	120.183	20.389	270.724	38240.438	41933.957	27.204	28.515	26.15	1.019
2/12/2018 18:30	419400	120.202	20.389	270.768	38213.391	41904.148	27.182	28.495	26.169	1.019
2/12/2018 18:45	420300	120.21	20.389	270.784	38232.527	41925.137	27.197	28.509	26.156	1.019
2/12/2018 19:00	421200	120.235	20.389	270.84	38210.879	41900.707	27.18	28.492	26.171	1.019
2/12/2018 19:15	422100	120.224	20.39	270.816	38243.418	41936.086	27.205	28.517	26.148	1.019
2/12/2018 19:30	423000	120.267	20.389	270.913	38217.523	41908.609	27.186	28.498	26.166	1.019
2/12/2018 19:45	423900	120.282	20.387	270.948	38249.645	41945.512	27.212	28.523	26.144	1.019
2/12/2018 20:00	424800	120.301	20.39	270.99	38189.859	41877.195	27.163	28.476	26.185	1.019
2/12/2018 20:15	425700	120.317	20.39	271.027	38234.797	41926.781	27.199	28.51	26.154	1.019
2/12/2018 20:30	426600	120.329	20.389	271.053	38212.387	41902.902	27.181	28.494	26.17	1.019
2/12/2018 20:45	427500	120.352	20.39	271.104	38216.582	41906.578	27.184	28.496	26.167	1.019
2/12/2018 21:00	428400	120.36	20.388	271.122	38217.375	41909.055	27.186	28.498	26.166	1.019
2/12/2018 21:15	429300	120.37	20.389	271.144	38237.496	41930.195	27.201	28.513	26.152	1.019
2/12/2018 21:30	430200	120.377	20.39	271.162	38211.957	41901.426	27.18	28.493	26.17	1.019
2/12/2018 21:45	431100	120.395	20.39	271.2	38245.297	41938.367	27.207	28.518	26.147	1.019
2/12/2018 22:00	432000	120.41	20.39	271.235	38216.656	41906.578	27.184	28.496	26.167	1.019
2/12/2018 22:15	432900	120.405	20.388	271.223	38234.555	41927.813	27.199	28.511	26.154	1.019
2/12/2018 22:30	433800	120.418	20.39	271.253	38292.305	41989.691	27.244	28.553	26.115	1.019
2/12/2018 22:45	434700	120.419	20.39	271.256	38254.633	41947.906	27.214	28.525	26.141	1.019
2/12/2018 23:00	435600	120.427	20.391	271.274	38247.699	41941.004	27.209	28.52	26.145	1.019
2/12/2018 23:15	436500	120.419	20.391	271.256	38245.512	41937.684	27.207	28.518	26.147	1.019
2/12/2018 23:30	437400	120.422	20.391	271.263	38259.191	41952.145	27.217	28.527	26.138	1.019
2/12/2018 23:45	438300	120.417	20.392	271.25	38256.473	41948.703	27.215	28.525	26.139	1.019
2/13/2018 0:00	439200	120.411	20.392	271.238	38230.637	41919.914	27.194	28.506	26.157	1.019
2/13/2018 0:15	440100	120.411	20.391	271.238	38263.734	41957.211	27.221	28.531	26.134	1.019
2/13/2018 0:30	441000	120.393	20.391	271.198	38243.324	41935.055	27.205	28.516	26.148	1.019
2/13/2018 0:45	441900	120.376	20.391	271.16	38218.57	41907.445	27.185	28.497	26.165	1.019
2/13/2018 1:00	442800	120.39	20.391	271.19	38256.898	41949.547	27.215	28.526	26.139	1.019
2/13/2018 1:15	443700	120.373	20.39	271.152	38255.637	41948.941	27.215	28.525	26.14	1.019
2/13/2018 1:30	444600	120.367	20.391	271.139	38229.34	41919.41	27.193	28.505	26.158	1.019
2/13/2018 1:45	445500	120.334	20.391	271.064	38229.266	41919.098	27.193	28.505	26.158	1.019
2/13/2018 2:00	446400	120.354	20.391	271.109	38224.145	41914.18	27.19	28.502	26.161	1.019
2/13/2018 2:15	447300	120.348	20.391	271.096	38251.539	41943.984	27.211	28.522	26.143	1.019
2/13/2018 2:30	448200	120.337	20.389	271.07	38253.117	41947.176	27.213	28.524	26.142	1.019
2/13/2018 2:45	449100	120.337	20.392	271.07	38237.129	41927.574	27.199	28.511	26.153	1.019
2/13/2018 3:00	450000	120.327	20.391	271.049	38247.574	41939.488	27.208	28.519	26.145	1.019
2/13/2018 3:15	450900	120.323	20.393	271.039	38242.773	41932.758	27.203	28.514	26.149	1.019
2/13/2018 3:30	451800	120.33	20.391	271.055	38242.832	41934.121	27.204	28.515	26.149	1.019
2/13/2018 3:45	452700	120.333	20.392	271.061	38252.473	41943.855	27.211	28.522	26.142	1.019
2/13/2018 4:00	453600	120.333	20.392	271.061	38262.621	41954.984	27.219	28.529	26.135	1.019
2/13/2018 4:15	454500	120.34	20.391	271.077	38274.969	41969.602	27.23	28.539	26.127	1.019
2/13/2018 4:30	455400	120.352	20.392	271.104	38283.359	41978.031	27.236	28.545	26.121	1.019
2/13/2018 4:45	456300	120.357	20.392	271.117	38236.621	41926.781	27.199	28.51	26.153	1.019
2/13/2018 5:00	457200	120.36	20.392	271.122	38273.184	41967.109	27.228	28.538	26.128	1.019
2/13/2018 5:15	458100	120.375	20.39	271.157	38222.848	41913.051	27.189	28.501	26.162	1.019
2/13/2018 5:30	459000	120.379	20.391	271.166	38232.258	41922.453	27.196	28.507	26.156	1.019
2/13/2018 5:45	459900	120.392	20.392	271.194	38250.605	41942.043	27.21	28.521	26.143	1.019
2/13/2018 6:00	460800	120.406	20.392	271.226	38238.625	41928.754	27.2	28.512	26.152	1.019
2/13/2018 6:15	461700	120.425	20.392	271.269	38254.391	41945.879	27.212	28.523	26.141	1.019
2/13/2018 6:30	462600	120.442	20.391	271.308	38260.305	41953.523	27.218	28.528	26.137	1.019
2/13/2018 6:45	463500	120.45	20.392	271.326	38277.629	41971.676	27.231	28.541	26.125	1.019
2/13/2018 7:00	464400	120.476	20.392	271.383	38237.125	41927.109	27.199	28.51	26.153	1.019
2/13/2018 7:15	465300	120.487	20.393	271.408	38270.465	41963.047	27.225	28.535	26.13	1.019
2/13/2018 7:30	466200	120.508	20.392	271.456	38262.176	41954.574	27.219	28.529	26.135	1.019
2/13/2018 7:45	467100	120.514	20.392	271.469	38272.363	41965.668	27.227	28.537	26.129	1.019
2/13/2018 8:00	468000	120.528	20.394	271.501	38252.668	41942.234	27.21	28.521	26.142	1.019
2/13/2018 8:15	468900	120.545	20.393	271.538	38299.043	41994.621	27.248	28.556	26.11	1.019
2/13/2018 8:30	469800	120.542	20.393	271.533	38241.648	41930.922	27.202	28.513	26.149	1.019
2/13/2018 8:45	470700	120.557	20.394	271.566	38264.863	41956.215	27.22	28.53	26.134	1.019
2/13/2018 9:00	471600	120.565	20.393	271.584	38276.512	41969.223	27.229	28.539	26.126	1.019
2/13/2018 9:15	472500	120.57	20.394	271.596	38269.398	41961.109	27.224	28.534	26.131	1.019
2/13/2018 9:30	473400	120.569	20.395	271.593	38249.441	41938.234	27.207	28.518	26.144	1.019
2/13/2018 9:45	474300	120.569	20.395	271.593	38316.195	42011.262	27.26	28.568	26.099	1.019
2/13/2018 10:00	475200	120.561	20.394	271.576	38290.66	41984.348	27.24	28.549	26.116	1.019
2/13/2018 10:15	476100	120.56	20.391	271.573	38284.637	41980.203	27.237	28.547	26.12	1.019
2/13/2018 10:30	477000	120.551	20.394	271.553	38243.82	41933.223	27.203	28.515	26.148	1.019
2/13/2018 10:45	477900	120.535	20.393	271.516	38285.52	41979.246	27.237	28.546	26.12	1.019
2/13/2018 11:00	478800	120.519	20.392	271.481	38276.777	41970.426	27.23	28.54	26.126	1.019
2/13/2018 11:15	479700	120.515	20.393	271.472	38250.152	41940.703	27.209	28.52	26.144	1.019
2/13/2018 11:30	480600	120.489	20.392	271.412	38294.223	41989.48	27.244	28.553	26.114	1.019
2/13/2018 11:45	481500	120.46	20.393	271.349	38298.891	41994.215	27.247	28.556	26.11	1.019
2/13/2018 12:00	482400	120.441	20.392	271.306	38					

2/14/2018 10:30	563400	120.482	20.394	271.399	38321.805	42018.496	27.265	28.573	26.095	1.019
2/14/2018 10:45	564300	120.478	20.394	271.389	38339.883	42038.164	27.279	28.586	26.083	1.019
2/14/2018 11:00	565200	120.471	20.395	271.372	38314.855	42010.266	27.259	28.567	26.1	1.019
2/14/2018 11:15	566100	120.455	20.395	271.337	38302.574	41996.492	27.249	28.558	26.108	1.019
2/14/2018 11:30	567000	120.444	20.396	271.312	38321.293	42016.324	27.263	28.571	26.095	1.019
2/14/2018 11:45	567900	120.429	20.396	271.278	38319.09	42013.59	27.261	28.569	26.097	1.019
2/14/2018 12:00	568800	120.41	20.394	271.235	38352.805	42052.254	27.289	28.596	26.074	1.019
2/14/2018 12:15	569700	120.401	20.392	271.214	38346.469	42047.004	27.285	28.592	26.078	1.019
2/14/2018 12:30	570600	120.374	20.391	271.154	38336.371	42036.93	27.278	28.585	26.085	1.019
2/14/2018 12:45	571500	120.351	20.393	271.102	38305.23	42001.168	27.252	28.561	26.106	1.019
2/14/2018 13:00	572400	120.325	20.391	271.043	38333.738	42034.355	27.276	28.583	26.087	1.019
2/14/2018 13:15	573300	120.294	20.393	270.974	38321.992	42019.547	27.266	28.573	26.095	1.019
2/14/2018 13:30	574200	120.274	20.392	270.929	38336.172	42036.016	27.277	28.584	26.085	1.019
2/14/2018 13:45	575100	120.244	20.393	270.862	38319.699	42017.188	27.264	28.572	26.096	1.019
2/14/2018 14:00	576000	120.217	20.391	270.799	38336.574	42037.152	27.278	28.585	26.085	1.019
2/14/2018 14:15	576900	120.192	20.392	270.744	38338.828	42038.465	27.279	28.586	26.083	1.019
2/14/2018 14:30	577800	120.161	20.393	270.675	38357.781	42058.789	27.294	28.6	26.07	1.019
2/14/2018 14:45	578700	120.127	20.392	270.599	38342.27	42042.703	27.282	28.589	26.081	1.019
2/14/2018 15:00	579600	120.103	20.391	270.543	38315.727	42014.293	27.262	28.57	26.099	1.019
2/14/2018 15:15	580500	120.075	20.39	270.48	38354.91	42058.344	27.293	28.6	26.072	1.019
2/14/2018 15:30	581400	120.058	20.39	270.441	38328.492	42029.211	27.272	28.58	26.09	1.019
2/14/2018 15:45	582300	120.029	20.39	270.378	38334.719	42036.121	27.277	28.585	26.086	1.019
2/14/2018 16:00	583200	120.016	20.391	270.347	38313.762	42011.824	27.26	28.568	26.1	1.019
2/14/2018 16:15	584100	120	20.39	270.311	38321.086	42021.016	27.267	28.574	26.095	1.019
2/14/2018 16:30	585000	119.989	20.391	270.286	38310.895	42009.453	27.258	28.566	26.102	1.019
2/14/2018 16:45	585900	119.973	20.391	270.25	38334.301	42034.344	27.276	28.583	26.086	1.019
2/14/2018 17:00	586800	119.958	20.39	270.218	38368.363	42072.551	27.304	28.609	26.063	1.019
2/14/2018 17:15	587700	119.956	20.391	270.213	38291.773	41988.027	27.243	28.552	26.115	1.019
2/14/2018 17:30	588600	119.961	20.389	270.223	38308.672	42008.016	27.257	28.565	26.104	1.019
2/14/2018 17:45	589500	119.949	20.391	270.197	38334.293	42034.727	27.276	28.584	26.086	1.019
2/14/2018 18:00	590400	119.952	20.391	270.204	38308.695	42006.195	27.256	28.564	26.104	1.019
2/14/2018 18:15	591300	119.965	20.391	270.234	38306.816	42004.836	27.255	28.563	26.105	1.019
2/14/2018 18:30	592200	119.967	20.39	270.238	38305.367	42003.855	27.254	28.563	26.106	1.019
2/14/2018 18:45	593100	119.973	20.389	270.25	38305.398	42004.426	27.255	28.563	26.106	1.019
2/14/2018 19:00	594000	119.993	20.391	270.296	38321.773	42021.16	27.267	28.574	26.095	1.019
2/14/2018 19:15	594900	119.995	20.391	270.3	38312.965	42011.418	27.26	28.568	26.101	1.019
2/14/2018 19:30	595800	120.015	20.39	270.345	38321.508	42021.48	27.267	28.575	26.095	1.019
2/14/2018 19:45	596700	120.022	20.39	270.362	38301.219	41999.152	27.251	28.559	26.109	1.019
2/14/2018 20:00	597600	120.04	20.39	270.403	38279.359	41975.184	27.234	28.543	26.124	1.019
2/14/2018 20:15	598500	120.062	20.389	270.451	38304.949	42004.09	27.254	28.563	26.106	1.019
2/14/2018 20:30	599400	120.082	20.39	270.497	38298.859	41996.879	27.249	28.558	26.11	1.019
2/14/2018 20:45	600300	120.096	20.389	270.528	38277.176	41974.172	27.233	28.542	26.125	1.019
2/14/2018 21:00	601200	120.115	20.388	270.571	38336.895	42040.117	27.28	28.587	26.085	1.019
2/14/2018 21:15	602100	120.131	20.389	270.607	38282.773	41980.234	27.237	28.547	26.121	1.019
2/14/2018 21:30	603000	120.151	20.389	270.652	38307.027	42006.906	27.256	28.565	26.105	1.019
2/14/2018 21:45	603900	120.17	20.388	270.695	38271.652	41968.656	27.229	28.539	26.129	1.019
2/14/2018 22:00	604800	120.173	20.388	270.701	38309.234	42009.559	27.258	28.567	26.103	1.019
2/14/2018 22:15	605700	120.185	20.388	270.728	38323.129	42024.797	27.269	28.577	26.094	1.019
2/14/2018 22:30	606600	120.206	20.39	270.777	38335.004	42036.277	27.278	28.585	26.086	1.019
2/14/2018 22:45	607500	120.222	20.389	270.811	38299.516	41998.668	27.25	28.559	26.11	1.019
2/14/2018 23:00	608400	120.227	20.39	270.822	38314.707	42013.781	27.261	28.569	26.1	1.019
2/14/2018 23:15	609300	120.225	20.387	270.82	38347.836	42052.734	27.289	28.596	26.077	1.019
2/14/2018 23:30	610200	120.244	20.388	270.862	38317.066	42018.066	27.264	28.572	26.098	1.019
2/14/2018 23:45	611100	120.235	20.388	270.842	38324.367	42026.152	27.27	28.578	26.093	1.019

Report Date: 2/16/2018 10:41
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_2018-02-15_07-45-35-303-BaroMerge.wsl
Create Date 2/16/2018 10:40

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

Log Configuration
Log Name MPWSP MW-4M LT Test
Created By ANorris
Computer Name PROBOOK10
Application WinSitu.exe
Application Version 5.6.27.1
Create Date 10/1/2016 7:44:55 PM Pacific Daylight Time
Log Setup Time Zone Pacific Daylight Time
Notes Size(bytes) 4096
Overwrite when full Enabled
Scheduled Start Time 10/1/2016 7:50:00 PM Pacific Daylight Time
Scheduled Stop Time No Stop Time
Type Linear
Interval Days: 0 hrs: 00 mins: 05 secs: 00

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

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: Skuiiper 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: Skuiiper 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: Skuiiper 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: Skuiiper 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: Skuiiper 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: Skuiiper 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: Skuiiper 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: Skuiiper 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: Skuiiper 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: Skuiiper 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: Skuiiper 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: Skuiiper 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: Skuiiper 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: Skuiiper 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: Skuiiper 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: 5/3/2017 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: 5/3/2017 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: 6/1/2017 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
8/24/2017 14:30 Log Download - Used Battery: 49% Used Memory: 100% User Name: AVanHaitsma Interval - Start Time: 8/16/2017 10:00:00 PM Stop Time: 8/24/2017 3:30:00 PM
9/1/2017 17:01 Log Download - Used Battery: 50% Used Memory: 100% User Name: WMassoll Interval - Start Time: 7/31/2017 10:00:00 PM Stop Time: 9/1/2017 6:00:00 PM
9/7/2017 14:15 Log Download - Used Battery: 50% Used Memory: 100% User Name: WMassoll Interval - Start Time: 9/1/2017 10:00:00 PM Stop Time: 9/7/2017 2:10:00 PM
9/14/2017 10:03 Log Download - Used Battery: 51% Used Memory: 100% User Name: AVanHaitsma Interval - Start Time: 9/6/2017 10:00:00 PM Stop Time: 9/14/2017 11:00:00 AM
9/21/2017 13:19 Log Download - Used Battery: 52% Used Memory: 100% User Name: AVanHaitsma Interval - Start Time: 9/13/2017 10:00:00 PM Stop Time: 9/21/2017 2:15:00 PM
9/28/2017 17:55 Log Download - Used Battery: 53% Used Memory: 100% User Name: WMassoll Interval - Start Time: 9/20/2017 10:00:00 PM Stop Time: 9/28/2017 5:55:00 PM
10/5/2017 18:35 Log Download - Used Battery: 53% Used Memory: 100% User Name: WMassoll Interval - Start Time: 8/31/2017 10:00:00 PM Stop Time: 10/5/2017 7:30:00 PM
10/12/2017 9:51 Log Download - Used Battery: 54% Used Memory: 100% User Name: AVanHaitsma Interval - Start Time: 10/4/2017 10:00:00 PM Stop Time: 10/12/2017 10:50:00 AM
10/19/2017 8:06 Log Download - Used Battery: 55% Used Memory: 100% User Name: AVanHaitsma Interval - Start Time: 10/12/2017 10:00:00 PM Stop Time: 10/19/2017 9:05:00 AM
10/26/2017 17:48 Log Download - Used Battery: 55% Used Memory: 100% User Name: WMassoll Interval - Start Time: 10/18/2017 10:00:00 PM Stop Time: 10/26/2017 6:45:00 PM
11/2/2017 19:07 Log Download - Used Battery: 56% Used Memory: 100% User Name: WMassoll Interval - Start Time: 9/30/2017 10:00:00 PM Stop Time: 11/2/2017 7:05:00 PM
11/9/2017 17:56 Log Download - Used Battery: 57% Used Memory: 100% User Name: AVanHaitsma Interval - Start Time: 11/1/2017 10:00:00 PM Stop Time: 11/9/2017 6:55:00 PM
2/16/2018 10:40 User Note: "Pressure & Level adjusted by baro data from: "MPWSP Barotroll_2018-02-15-16-52-45-921.wsl""

Log Data:
Record Count 2133
Sensors 2
1 428901 PCTD 100 PSIA (60.1m/197.3ft)
2 0 Baro-Adjustment Calc

Time Zone: Pacific Standard Time

Date and Time	Elapsed Time Seconds	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	
		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)				
2/8/2018 0:00	7200	73.637	17.95	167.842	30143.826	34834.625	22.081	23687.545	33.174	1.015	14.84				
2/8/2018 0:05	7500	73.64	17.95	167.848	30150.83	34842.863	22.087	23693.148	33.167	1.015	14.837				
2/8/2018 0:10	7800	73.666	17.949	167.907	30146.303	34837.898	22.083	23689.773	33.172	1.015	14.835				
2/8/2018 0:15	8100	73.651	17.95	167.874	30136.477	34825.394	22.075	23681.637	33.182	1.015	14.832				
2/8/2018 0:20	8400	73.645	17.95	167.86	30141.939	34832.246	22.08	23685.928	33.176	1.015	14.834				
2/8/2018 0:25	8700	73.639	17.95	167.846	30163.381	34857.223	22.097	23702.914	33.153	1.015	14.837				
2/8/2018 0:30	9000	73.636	17.95	167.84	30145.646	34836.672	22.083	23688.938	33.172	1.015	14.839				
2/8/2018 0:35	9300	73.643	17.95	167.855	30135.637	34825.367	22.075	23681.252	33.183	1.015	14.838				
2/8/2018 0:40	9600	73.643	17.95	167.856	30135.703	34825.238	22.075	23681.164	33.183	1.015	14.836				
2/8/2018 0:45	9900	73.666	17.95	167.907	30130.178	34818.656	22.07	23676.688	33.189	1.015	14.835				
2/8/2018 0:50	10200	73.665	17.949	167.905	30140.838	34831.52	22.079	23685.434	33.178	1.015	14.836				
2/8/2018 0:55	10500	73.644	17.95	167.858	30137.807	34827.34	22.076	23682.592	33.181	1.015	14.837				
2/8/2018 1:00	10800	73.661	17.949	167.895	30136.594	34826.543	22.076	23682.051	33.182	1.015	14.838				
2/8/2018 1:05	11100	73.644	17.95	167.858	30152.33	34844.453	22.088	23694.229	33.165	1.015	14.837				
2/8/2018 1:10	11400	73.649	17.95	167.868	30146	34837.344	22.083	23689.396	33.172	1.015	14.836				
2/8/2018 1:15	11700	73.646	17.95	167.863	30140.033	34830.117	22.078	23684.48	33.178	1.015	14.834				
2/8/2018 1:20	12000	73.667	17.95	167.909	30136.889	34826.551	22.076	23682.057	33.182	1.015	14.834				
2/8/2018 1:25	12300	73.654	17.95	167.879	30148.805	34840.379	22.085	23691.457	33.169	1.015	14.833				
2/8/2018 1:30	12600	73.668	17.95	167.913	30138.381	34828.332	22.077	23683.268	33.18	1.015	14.832				
2/8/2018 1:35	12900	73.648	17.95	167.866	30150.482	34842.316	22.087	23692.775	33.167	1.015	14.833				
2/8/2018 1:40	13200	73.654	17.95	167.879	30141.955	34832.336	22.08	23685.99	33.176	1.015	14.835				
2/8/2018 1:45	13500	73.649	17.95	167.869	30149.424	34841.094	22.086	23691.943	33.168	1.015	14.836				
2/8/2018 1:50	13800	73.658	17.95	167.889	30153.32	34845.539	22.089	23694.967	33.164	1.015	14.834				
2/8/2018 1:55	14100	73.657	17.95	167.888	30138.648	34828.313	22.077	23683.252	33.18	1.015	14.831				
2/8/2018 2:00	14400	73.66	17.95	167.893	30154.844	34847.16	22.09	23696.07	33.162	1.015	14.829				
2/8/2018 2:05	14700	73.664	17.95	167.902	30141.688	34832.027	22.079	23685.779	33.177	1.015	14.828				
2/8/2018 2:10	15000	73.667	17.95	167.909	30134.104	34823.469	22.073	23679.961	33.185	1.015	14.827				
2/8/2018 2:15	15300	73.685	17.95	167.952	30143.678	34834.398	22.081	23687.391	33.174	1.015	14.826				
2/8/2018 2:20	15600	73.674	17.95	167.925	30146.902	34838.18	22.084	23689.965	33.171	1.015	14.828				
2/8/2018 2:25	15900	73.669	17.95	167.915	30150.746	34842.293	22.087	23692.76	33.167	1.015	14.827				
2/8/2018 2:30	16200	73.671	17.95	167.92	30143.709	34834.234	22.081	23687.281	33.174	1.015	14.828				
2/8/2018 2:35	16500	73.67	17.95	167.917	30134.986	34824.012	22.074	23680.328	33.184	1.015	14.83				
2/8/2018 2:40	16800	73.672	17.95	167.921	30148.955	34840.629	22.085	23691.627	33.169	1.015	14.831				
2/8/2018 2:45	17100	73.668	17.95	167.912	30150.326	34842.137	22.086	23692.654	33.173	1.015	14.833				
2/8/2018 2:50	17400	73.672	17.95	167.921	30153.67	34844.789	22.088	23694.457	33.165	1.015	14.831				
2/8/2018 2:55	17700	73.673	17.95	167.923	30142.42	34832.672	22.08	23686.219	33.176	1.015	14.829				
2/8/2018 3:00	18000	73.676	17.95	167.93	30147.203	34838.402	22.084	23690.115	33.171	1.015	14.827				
2/8/2018 3:05	18300	73.698	17.95	167.98	30140.955	34831.109	22.079	23685.156	33.177	1.015	14.827				
2/8/2018 3:10	18600	73.699	17.95	167.983	30145.227	34835.914	22.082	23688.424	33.173	1.015	14.827				
2/8/2018 3:15	18900	73.683	17.95	167.947	30137.377	34827.117	22.076	23682.436	33.181	1.015	14.827				
2/8/2018 3:20	19200	73.682	17.949	167.944	30139.133	34829.742	22.078	23684.225	33.179	1.015	14.826				
2/8/2018 3:25	19500	73.707	17.95	168.002	30170.816	34866.023	22.103	23708.898	33.145	1.015	14.825				
2/8/2018 3:30	19800	73.692	17.95	167.968	30148.773	34840.285	22.085	23691.395	33.169	1.015	14.824				
2/8/2018 3:35	20100	73.714	17.95	168.016	30160.564	34853.84	22.095	23700.613	33.156	1.015	14.823				
2/8/2018 3:40	20400	73.698	17.95	167.981	30155.1	34847.652	22.09	23696.406	33.162	1.015	14.821				
2/8/2018 3:45	20700	73.698	17.95	167.981	30153.707	34845.715	22.089	23695.088	33.163	1.015	14.821				
2/8/2018 3:50	21000	73.7	17.95	167.984	30148.504	34840.109	22.085	23691.277	33.169	1.015	14.822				
2/8/2018 3:55	21300	73.704	17.95	167.995	30144.664	34835.594	22.082	23688.203	33.173	1.015	14.825				
2/8/2018 4:00	21600	73.697	17.95	167.978	30159.549	34853	22.094	23700.043	33.157	1.015	14.827				
2/8/2018 4:05	21900	73.703	17.95	167.991	30145.146	34835.824	22.082	23688.361	33.173	1.015	14.828				
2/8/2018 4:10	22200	73.718	17.95	168.026	30152.771	34844.906	22.088	23694.539	33.164	1.015	14.83				
2/8/2018 4:15	22500	73.72	17.95	167.984	30154.123	34846.324	22.089	23695.502	33.163	1.015	14.829				
2/8/2018 4:20	22800	73.703	17.95	167.992	30158.436	34851.18	22.093	23698.803	33.158	1.015	14.829				
2/8/2018 4:25	23100	73.709	17.95	168.005	30147.336	34838.625	22.084	23690.268	33.17	1.015	14.825				
2/8/2018 4:30	23400	73.731	17.95	168.055	30149.293	34840.613	22.085	23691.617	33.168	1.015	14.822				
2/8/2018 4:35	23700	73.733	17.95	168.06	30140.332	34830.73	22.078	23684.898	33.178	1.015	14.824				
2/8/2018 4:40	24000	73.715	17.95	168.02	30146.117	34837.016	22.083	23689.17	33.172	1.015	14.825				
2/8/2018 4:45	24300	73.733	17.95	168.06	30144.025	34834.398	22.081	23687.391	33.174	1.015	14.827				
2/8/2018 4:50	24600	73.716	17.95	168.021	30141.268	34831.746	22.079	23685.588	33.177	1.015	14.827				
2/8/2018 4:55	24900	73.72	17.95	168.03	30156.564	34849.348	22.091	23697.557	33.16	1.015	14.827				
2/8/2018 5:00	25200	73.714	17.95	168.018	30143.643	34834.414	22.081	23687.402	33.174	1.015	14.827				
2/8/2018 5:05	25500	73.738	17.95	168.072	30132.73	34822.012	22.072	23678.971	33.187	1.015	14.827				
2/8/2018 5:10	25800	73.722	17.95	168.055	30155.598	34848.102	22.091	23696.711	33.161	1.015	14.827				
2/8/2018 5:15	26100	73.74	17.95	168.076	30138.227	34827.957	22.077	23683.012	33.18	1.015	14.827				
2/8/2018 5:20	26400	73.721	17.95	168.032	30147.154	34838.547	22.084	23690.215	33.171	1.015	14.827				
2/8/2018 5:25	26700	73.725	17.95	168.043	30153.436	34845.531	22.089	23694.961	33.164	1.015	14.827				
2/8/2018 5:30	27000	73.744	17.95	168.084	30157.717	34850.68	22.092	23698.463	33.159	1.015	14.827				
2/8/2018 5:35	27300	73.728	17.95	168.049	30140.872	34830.895	22.079	23685.01	33.178	1.015	14.828				
2/8/2018 5:40	27600	73.749	17.949	168.097	30142.771	34833.945	22.081	23687.084	33.175	1.015	14.829				
2/8/2018 5:45	27900	73.724	17.95	168.04	30132.73	34821.605	22.072	23678.691	33.187	1.015	14.829				
2/8/2018 5:50	28200	73.726	17.95	168.044	30140.215	34830.453	22.078	23684.709	33.178	1.015	14.83				
2/8/2018 5:55	28500	73.725	17.951	168.041	30142.723	34832.758	22.08	23686.277	33.176	1.015	14.831				
2/8/2018 6:00	28800	73.746	17.95	168.09	30141.07	34831.52	22.079	23685.434	33.177	1.015	14.832				

2/8/2018 6:05	29100	73.729	17.95	168.052	30151.668	34843.488	22.087	23693.572	33.166	1.015	14.83
2/8/2018 6:10	29400	73.731	17.95	168.057	30150.777	34842.328	22.087	23692.785	33.167	1.015	14.828
2/8/2018 6:15	29700	73.754	17.95	168.109	30151.117	34842.852	22.087	23693.141	33.166	1.015	14.826
2/8/2018 6:20	30000	73.73	17.95	168.052	30164.908	34858.93	22.098	23704.072	33.151	1.015	14.826
2/8/2018 6:25	30300	73.733	17.95	168.059	30147.6	34838.789	22.084	23690.379	33.17	1.015	14.826
2/8/2018 6:30	30600	73.733	17.95	168.061	30147.686	34839.164	22.084	23690.633	33.17	1.015	14.826
2/8/2018 6:35	30900	73.752	17.95	168.103	30143.777	34834.57	22.081	23687.51	33.174	1.015	14.829
2/8/2018 6:40	31200	73.752	17.95	168.103	30167.957	34862.652	22.101	23706.604	33.148	1.015	14.831
2/8/2018 6:45	31500	73.728	17.95	168.048	30139.113	34829.121	22.077	23683.803	33.179	1.015	14.834
2/8/2018 6:50	31800	73.727	17.95	168.047	30152.32	34844.441	22.088	23694.221	33.165	1.015	14.832
2/8/2018 6:55	32100	73.729	17.95	168.051	30141.604	34832.133	22.079	23685.85	33.177	1.015	14.83
2/8/2018 7:00	32400	73.735	17.95	168.064	30151.564	34843.157	22.087	23693.631	33.166	1.015	14.828
2/8/2018 7:05	32700	73.751	17.95	168.105	30151.564	34854.793	22.095	23701.262	33.155	1.015	14.835
2/8/2018 7:10	33000	73.729	17.95	168.05	30148.104	34839.371	22.085	23690.775	33.17	1.015	14.831
2/8/2018 7:15	33300	73.731	17.95	168.056	30130.344	34819.047	22.07	23676.953	33.189	1.015	14.832
2/8/2018 7:20	33600	73.733	17.95	168.06	30134.834	34823.906	22.074	23680.258	33.184	1.015	14.832
2/8/2018 7:25	33900	73.731	17.95	168.055	30154.574	34846.918	22.09	23695.906	33.162	1.015	14.832
2/8/2018 7:30	34200	73.73	17.95	168.054	30158.355	34851.02	22.093	23698.693	33.158	1.015	14.832
2/8/2018 7:35	34500	73.748	17.95	168.095	30166.319	34860.563	22.099	23705.186	33.15	1.015	14.834
2/8/2018 7:40	34800	73.749	17.95	168.097	30152.691	34844.813	22.088	23694.473	33.165	1.015	14.835
2/8/2018 7:45	35100	73.727	17.95	168.047	30151.43	34843.555	22.087	23693.619	33.166	1.015	14.836
2/8/2018 7:50	35400	73.728	17.95	168.049	30143.859	34834.336	22.081	23687.352	33.174	1.015	14.833
2/8/2018 7:55	35700	73.748	17.95	168.095	30135.623	34825.09	22.075	23681.061	33.183	1.015	14.83
2/8/2018 8:00	36000	73.73	17.95	168.054	30166.248	34860.207	22.099	23704.943	33.15	1.015	14.827
2/8/2018 8:05	36300	73.729	17.95	168.05	30204.293	34904.375	22.13	23734.977	33.108	1.015	14.83
2/8/2018 8:10	36600	73.727	17.951	168.047	30189.719	34886.996	22.118	23723.16	33.124	1.015	14.834
2/8/2018 8:15	36900	73.741	17.95	168.079	30192.699	34890.848	22.12	23725.779	33.121	1.015	14.838
2/8/2018 8:20	37200	73.722	17.95	168.036	30208.174	34908.93	22.133	23738.074	33.104	1.015	14.837
2/8/2018 8:25	37500	73.719	17.95	168.029	30157.561	34850.168	22.092	23698.117	33.159	1.015	14.837
2/8/2018 8:30	37800	73.714	17.95	168.017	30187.225	34884.855	22.116	23721.703	33.127	1.015	14.837
2/8/2018 8:35	38100	73.713	17.95	168.015	30164.226	34855.576	22.096	23701.793	33.154	1.015	14.839
2/8/2018 8:40	38400	73.715	17.95	168.019	30167.088	34861.25	22.1	23705.652	33.149	1.015	14.838
2/8/2018 8:45	38700	73.713	17.95	168.015	30166.145	34860.418	22.099	23705.086	33.15	1.015	14.838
2/8/2018 8:50	39000	73.707	17.95	168	30176.447	34872.125	22.107	23713.045	33.138	1.015	14.839
2/8/2018 8:55	39300	73.708	17.95	168.003	30164.955	34859.043	22.098	23704.15	33.151	1.015	14.839
2/8/2018 9:00	39600	73.704	17.95	167.994	30150.875	34842.316	22.087	23692.775	33.167	1.015	14.84
2/8/2018 9:05	39900	73.73	17.95	168.054	30151.117	34854.82	22.095	23701.279	33.155	1.015	14.835
2/8/2018 9:10	40200	73.721	17.95	168.033	30151.623	34843.309	22.087	23693.451	33.166	1.015	14.839
2/8/2018 9:15	40500	73.721	17.95	168.034	30168.486	34863.199	22.101	23706.979	33.147	1.015	14.839
2/8/2018 9:20	40800	73.7	17.95	167.985	30172.961	34867.762	22.104	23710.08	33.142	1.015	14.839
2/8/2018 9:25	41100	73.693	17.95	167.969	30176.473	34872.152	22.107	23713.066	33.138	1.015	14.84
2/8/2018 9:30	41400	73.688	17.95	167.958	30151.227	34842.922	22.087	23691.188	33.166	1.015	14.841
2/8/2018 9:35	41700	73.692	17.95	167.962	30166.373	34849.68	22.099	23705.264	33.149	1.015	14.839
2/8/2018 9:40	42000	73.691	17.95	167.965	30162.178	34855.832	22.096	23701.967	33.154	1.015	14.838
2/8/2018 9:45	42300	73.707	17.95	168.001	30148.887	34840.348	22.085	23691.439	33.169	1.015	14.837
2/8/2018 9:50	42600	73.687	17.95	167.955	30157.268	34850.16	22.092	23698.111	33.16	1.015	14.837
2/8/2018 9:55	42900	73.683	17.95	167.947	30147.084	34838.262	22.084	23690.02	33.171	1.015	14.836
2/8/2018 10:00	43200	73.68	17.95	167.941	30148.523	34840.055	22.085	23691.24	33.169	1.015	14.836
2/8/2018 10:05	43500	73.681	17.95	167.942	30180.527	34844.813	22.088	23694.515	33.164	1.015	14.836
2/8/2018 10:10	43800	73.677	17.95	167.933	30143.055	34833.734	22.081	23686.941	33.175	1.015	14.836
2/8/2018 10:15	44100	73.677	17.95	167.933	30147.016	34837.777	22.083	23689.689	33.171	1.015	14.835
2/8/2018 10:20	44400	73.694	17.95	167.97	30144.16	34835.012	22.081	23687.809	33.174	1.015	14.833
2/8/2018 10:25	44700	73.674	17.95	167.927	30149.307	34840.832	22.086	23691.768	33.168	1.015	14.831
2/8/2018 10:30	45000	73.675	17.95	167.928	30140.838	34831.047	22.079	23685.111	33.178	1.015	14.828
2/8/2018 10:35	45300	73.669	17.95	167.915	30159.676	34853.02	22.094	23700.055	33.157	1.015	14.831
2/8/2018 10:40	45600	73.689	17.95	167.96	30151.646	34833.129	22.087	23692.328	33.166	1.015	14.836
2/8/2018 10:45	45900	73.66	17.95	167.895	30154.895	34847.289	22.09	23696.158	33.162	1.015	14.836
2/8/2018 10:50	46200	73.662	17.95	167.898	30153.857	34846.359	22.089	23695.525	33.163	1.015	14.833
2/8/2018 10:55	46500	73.658	17.95	167.889	30151.283	34842.914	22.087	23693.182	33.166	1.015	14.831
2/8/2018 11:00	46800	73.68	17.95	167.94	30146.016	34837.027	22.083	23689.18	33.172	1.015	14.828
2/8/2018 11:05	47100	73.656	17.949	167.884	30153.891	34846.531	22.09	23695.443	33.163	1.015	14.827
2/8/2018 11:10	47400	73.655	17.95	167.882	30152.535	34852.525	22.094	23699.727	33.157	1.015	14.827
2/8/2018 11:15	47700	73.667	17.95	167.91	30150.578	34842.301	22.087	23692.766	33.167	1.015	14.826
2/8/2018 11:20	48000	73.669	17.95	167.915	30154.838	34847.293	22.09	23696.162	33.162	1.015	14.825
2/8/2018 11:25	48300	73.648	17.95	167.867	30140.973	34831.27	22.079	23685.264	33.177	1.015	14.824
2/8/2018 11:30	48600	73.642	17.95	167.853	30149.125	34840.422	22.085	23691.488	33.168	1.015	14.823
2/8/2018 11:35	48900	73.644	17.95	167.858	30139.063	34829.121	22.077	23683.803	33.18	1.015	14.821
2/8/2018 11:40	49200	73.64	17.95	167.848	30154.225	34846.586	22.095	23695.86	33.163	1.015	14.819
2/8/2018 11:45	49500	73.659	17.95	167.892	30144.461	34835.102	22.082	23687.869	33.174	1.015	14.817
2/8/2018 11:50	49800	73.642	17.95	167.854	30139.881	34830.066	22.078	23684.447	33.179	1.015	14.817
2/8/2018 11:55	50100	73.636	17.95	167.838	30153.105	34845.094	22.089	23694.666	33.164	1.015	14.817
2/8/2018 12:00	50400	73.635	17.95	167.838	30141.939	34832.523	22.08	23686.117	33.176	1.015	14.817
2/8/2018 12:05	50700	73.654	17.95	167.881	30145.75	34836.648	22.083	23688.924	33.172	1.015	14.812
2/8/2018 12:10	51000	73.634	17.95	167.835	30130.793	34819.035	22.07	23679.943	33.189	1.015	14.809
2/8/2018 12:15	51300	73.637	17.95	167.841	30142.357	34832.73	22.08	23686.258	33.176	1.015	14.802
2/8/2018 12:20	51600	73.634	17.95	167.834	30143.627	34834.395	22.081	23687.389	33.175	1.015	14.803
2/8/2018 12:25	51900	73.642	17.95	167.852	30145.281	34836.25	22.082	23688.652	33.173	1.015	14.804
2/8/2018 12:30	52200	73.622	17.95	167.808	30147	34837.836	22.083	23689.73	33.171	1.015	14.804
2/8/2018 12:35	52500	73.625	17.95	167.814	30136.926	34826.594	22.076	23682.086	33.182	1.015	14.801
2/8/2018 12:40	52800	73.624	17.95	167.812	30133.75	34822.48	22.079	23679.629	33.185	1.015	14.798
2/8/2018 12:45	53100	73.647	17.95	167.863	30137.826	34827.898	22.076	23682.973	33.181	1.015	14.795
2/8/2018 12:50	53400	73.623	17.95	167.809	30140.15	34830.18	22.078	23684.523	33.178	1.015	14.794
2/8/2018 12:55	53700	73.622	17.95	167.807	30146.904	34837.926	22.084				

2/8/2018 23:40	92400	73.64	17.95	167.848	30165.807	34859.828	22.099	23704.686	33.15	1.015	14.784
2/8/2018 23:45	92700	73.622	17.95	167.808	30147.939	34839.254	22.084	23690.695	33.17	1.015	14.784
2/8/2018 23:50	93000	73.643	17.95	167.854	30152.066	34844.148	22.088	23694.023	33.165	1.015	14.783
2/8/2018 23:55	93300	73.624	17.95	167.813	30148.639	34839.93	22.085	23691.152	33.169	1.015	14.782
2/9/2018 0:00	93600	73.627	17.95	167.819	30133.885	34822.684	22.073	23679.426	33.185	1.015	14.781
2/9/2018 0:05	93900	73.628	17.95	167.82	30141.805	34831.961	22.079	23685.736	33.177	1.015	14.78
2/9/2018 0:10	94200	73.626	17.95	167.816	30155.146	34851.406	22.093	23699.018	33.158	1.015	14.779
2/9/2018 0:15	94500	73.65	17.95	167.871	30164.15	34858.113	22.098	23703.518	33.152	1.015	14.778
2/9/2018 0:20	94800	73.625	17.95	167.814	30149.293	34840.816	22.086	23691.758	33.168	1.015	14.779
2/9/2018 0:25	95100	73.646	17.95	167.862	30145.916	34837.117	22.083	23689.242	33.172	1.015	14.781
2/9/2018 0:30	95400	73.641	17.95	167.85	30150.695	34842.234	22.087	23692.721	33.167	1.015	14.782
2/9/2018 0:35	95700	73.643	17.95	167.854	30157.719	34850.48	22.092	23698.328	33.159	1.015	14.781
2/9/2018 0:40	96000	73.622	17.95	167.808	30148.078	34845.555	22.091	23696.095	33.161	1.015	14.779
2/9/2018 0:45	96300	73.625	17.95	167.815	30141.418	34831.645	22.079	23685.518	33.177	1.015	14.777
2/9/2018 0:50	96600	73.63	17.949	167.825	30141.52	34832.234	22.08	23685.92	33.177	1.015	14.775
2/9/2018 0:55	96900	73.632	17.95	167.831	30158.055	34851.211	22.093	23698.826	33.159	1.015	14.772
2/9/2018 1:00	97200	73.654	17.95	167.88	30165.715	34859.863	22.099	23704.709	33.15	1.015	14.77
2/9/2018 1:05	97500	73.635	17.95	167.838	30154.137	34846.285	22.089	23695.477	33.163	1.015	14.771
2/9/2018 1:10	97800	73.634	17.95	167.852	30148.922	34840.387	22.085	23691.463	33.169	1.015	14.772
2/9/2018 1:15	98100	73.652	17.95	167.875	30159.613	34853.078	22.094	23700.094	33.157	1.015	14.774
2/9/2018 1:20	98400	73.63	17.95	167.826	30138.092	34828	22.077	23683.043	33.181	1.015	14.774
2/9/2018 1:25	98700	73.633	17.95	167.832	30151.533	34843.477	22.087	23693.564	33.166	1.015	14.774
2/9/2018 1:30	99000	73.652	17.95	167.875	30163.412	34857.336	22.097	23702.99	33.153	1.015	14.774
2/9/2018 1:35	99300	73.631	17.95	167.828	30138.598	34828.527	22.077	23683.398	33.18	1.015	14.775
2/9/2018 1:40	99600	73.63	17.95	167.825	30140.215	34830.594	22.078	23684.805	33.178	1.015	14.776
2/9/2018 1:45	99900	73.65	17.95	167.871	30137.795	34837.457	22.076	23682.672	33.181	1.015	14.777
2/9/2018 1:50	100200	73.638	17.95	167.844	30153.141	34845.262	22.089	23694.779	33.164	1.015	14.773
2/9/2018 1:55	100500	73.638	17.95	167.844	30159.084	34851.93	22.093	23699.314	33.158	1.015	14.768
2/9/2018 2:00	100800	73.647	17.95	167.865	30137.26	34826.98	22.076	23682.348	33.182	1.015	14.763
2/9/2018 2:05	101100	73.643	17.95	167.855	30161.766	34855.102	22.096	23701.469	33.155	1.015	14.766
2/9/2018 2:10	101400	73.642	17.95	167.852	30154.672	34846.902	22.09	23695.896	33.162	1.015	14.769
2/9/2018 2:15	101700	73.643	17.95	167.855	30145.598	34836.75	22.083	23688.992	33.172	1.015	14.772
2/9/2018 2:20	102000	73.663	17.95	167.9	30158.334	34851.391	22.093	23698.945	33.158	1.015	14.77
2/9/2018 2:25	102300	73.665	17.95	167.905	30158.736	34851.324	22.093	23698.902	33.158	1.015	14.768
2/9/2018 2:30	102600	73.649	17.95	167.869	30165.35	34859.301	22.098	23704.324	33.151	1.015	14.766
2/9/2018 2:35	102900	73.672	17.95	167.92	30148.422	34839.879	22.085	23691.119	33.169	1.015	14.766
2/9/2018 2:40	103200	73.671	17.95	167.919	30165.56	34859.19	22.099	23704.568	33.15	1.015	14.765
2/9/2018 2:45	103500	73.672	17.95	167.921	30170.563	34855.324	22.103	23708.422	33.145	1.015	14.766
2/9/2018 2:50	103800	73.655	17.95	167.882	30152.633	34844.473	22.088	23694.242	33.165	1.015	14.764
2/9/2018 2:55	104100	73.657	17.95	167.887	30152.967	34844.859	22.088	23694.506	33.164	1.015	14.762
2/9/2018 3:00	104400	73.661	17.95	167.897	30145.697	34836.461	22.082	23688.793	33.172	1.015	14.759
2/9/2018 3:05	104700	73.66	17.95	167.894	30152.127	34843.891	22.088	23693.848	33.165	1.015	14.762
2/9/2018 3:10	105000	73.666	17.95	167.896	30166.895	34851.156	22.1	23705.588	33.149	1.015	14.764
2/9/2018 3:15	105300	73.659	17.95	167.892	30170.676	34855.398	22.103	23708.471	33.145	1.015	14.767
2/9/2018 3:20	105600	73.658	17.95	167.89	30136.691	34826.125	22.075	23681.766	33.182	1.015	14.766
2/9/2018 3:25	105900	73.662	17.95	167.899	30148.602	34839.887	22.085	23691.123	33.169	1.015	14.764
2/9/2018 3:30	106200	73.681	17.95	167.943	30141.219	34831.613	22.079	23685.5	33.177	1.015	14.763
2/9/2018 3:35	106500	73.666	17.95	167.908	30155.766	34848.297	22.091	23696.842	33.161	1.015	14.763
2/9/2018 3:40	106800	73.665	17.95	167.905	30145.514	34837.232	22.083	23689.389	33.171	1.015	14.762
2/9/2018 3:45	107100	73.667	17.95	167.909	30163.09	34856.887	22.097	23702.684	33.153	1.015	14.762
2/9/2018 3:50	107400	73.689	17.95	167.959	30153.416	34845.707	22.089	23695.082	33.164	1.015	14.762
2/9/2018 3:55	107700	73.668	17.95	167.912	30163.402	34857.121	22.097	23702.842	33.153	1.015	14.761
2/9/2018 4:00	108000	73.673	17.95	167.924	30150.211	34841.605	22.086	23692.291	33.167	1.015	14.761
2/9/2018 4:05	108300	73.674	17.95	167.926	30151.631	34843.723	22.088	23693.732	33.166	1.015	14.76
2/9/2018 4:10	108600	73.681	17.95	167.941	30148.873	34840.129	22.085	23691.287	33.169	1.015	14.758
2/9/2018 4:15	108900	73.686	17.95	167.952	30149.559	34841.191	22.086	23692.012	33.168	1.015	14.759
2/9/2018 4:20	109200	73.7	17.95	167.984	30149.938	34841.359	22.086	23692.125	33.168	1.015	14.755
2/9/2018 4:25	109500	73.705	17.95	167.996	30140.633	34830.68	22.078	23684.863	33.178	1.015	14.753
2/9/2018 4:30	109800	73.708	17.95	168.002	30162.215	34855.82	22.096	23701.959	33.154	1.015	14.751
2/9/2018 4:35	110100	73.695	17.95	167.974	30156.299	34848.711	22.091	23697.125	33.161	1.015	14.753
2/9/2018 4:40	110400	73.69	17.95	167.963	30157.459	34827.211	22.076	23682.504	33.181	1.015	14.755
2/9/2018 4:45	110700	73.692	17.95	167.968	30146.465	34837.082	22.083	23689.219	33.171	1.015	14.757
2/9/2018 4:50	111000	73.71	17.95	168.009	30143.055	34833.734	22.081	23686.941	33.175	1.015	14.756
2/9/2018 4:55	111300	73.693	17.95	167.97	30154.709	34847.145	22.09	23696.061	33.162	1.015	14.754
2/9/2018 5:00	111600	73.696	17.95	167.977	30152.932	34845.227	22.089	23694.756	33.164	1.015	14.753
2/9/2018 5:05	111900	73.699	17.95	167.982	30160.936	34854.199	22.095	23700.857	33.155	1.015	14.753
2/9/2018 5:10	112200	73.719	17.951	168.027	30166.498	34860.164	22.099	23704.914	33.149	1.015	14.754
2/9/2018 5:15	112500	73.7	17.95	167.985	30148.988	34840.126	22.085	23691.332	33.169	1.015	14.758
2/9/2018 5:20	112800	73.701	17.95	167.987	30140.65	34830.828	22.079	23684.963	33.178	1.015	14.754
2/9/2018 5:25	113100	73.706	17.95	167.998	30150.76	34842.637	22.087	23692.994	33.167	1.015	14.753
2/9/2018 5:30	113400	73.712	17.95	168.012	30150.945	34842.797	22.087	23693.102	33.166	1.015	14.753
2/9/2018 5:35	113700	73.728	17.95	168.048	30155.627	34848.063	22.091	23696.684	33.161	1.015	14.753
2/9/2018 5:40	114000	73.712	17.95	168.014	30146.068	34857.891	22.097	23703.367	33.152	1.015	14.752
2/9/2018 5:45	114300	73.709	17.95	168.027	30158.75	34851.617	22.093	23699.1	33.158	1.015	14.756
2/9/2018 5:50	114600	73.712	17.95	168.014	30156.816	34849.512	22.092	23697.67	33.16	1.015	14.752
2/9/2018 5:55	114900	73.716	17.95	168.021	30156.666	34849.605	22.092	23697.732	33.16	1.015	14.751
2/9/2018 6:00	115200	73.715	17.95	168.019	30141.953	34832.336	22.08	23685.99	33.176	1.015	14.75
2/9/2018 6:05	115500	73.733	17.95	168.06	30155.258	34847.914	22.09	23696.582	33.162	1.015	14.751
2/9/2018 6:10	115800	73.718	17.95	168.025	30160.025	34852.949	22.094	23700.006	33.156	1.015	14.752
2/9/2018 6:15	116100	73.715	17.95	168.021	30158.287	34851.444	22.093	23698.964	33.158	1.015	14.752
2/9/2018 6:20	116400	73.716	17.95	168.022	30164.604	34858.574	22.098	23703.834	33.151	1.015	14.752
2/9/2018 6:25	116700	73.718	17.95	168.025	30150.791	34842.418	22.087	23692.844	33.167	1.015	14.752
2/9/2018 6:30	117000	73.722	17.95	168.036							

2/9/2018 17:15	155700	73.576	17.95	167.702	30149.404	34841.148	22.086	23691.982	33.168	1.015	14.715
2/9/2018 17:20	156000	73.594	17.95	167.742	30151.182	34842.926	22.087	23693.191	33.166	1.015	14.716
2/9/2018 17:25	156300	73.577	17.95	167.705	30151.379	34842.957	22.087	23693.213	33.166	1.015	14.716
2/9/2018 17:30	156600	73.574	17.95	167.698	30158.453	34851.199	22.093	23698.818	33.158	1.015	14.717
2/9/2018 17:35	156900	73.58	17.95	167.711	30149.691	34841.348	22.086	23692.117	33.168	1.015	14.715
2/9/2018 17:40	157200	73.602	17.95	167.762	30155.514	34848.211	22.091	23696.785	33.161	1.015	14.713
2/9/2018 17:45	157500	73.587	17.95	167.727	30154.055	34846.32	22.089	23695.5	33.163	1.015	14.713
2/9/2018 17:50	157800	73.586	17.95	167.726	30148.309	34839.551	22.085	23690.895	33.169	1.015	14.714
2/9/2018 17:55	158100	73.583	17.95	167.719	30158.982	34852.082	22.093	23699.418	33.158	1.015	14.716
2/9/2018 18:00	158400	73.603	17.95	167.764	30137.775	34827.234	22.076	23682.52	33.181	1.015	14.718
2/9/2018 18:05	158700	73.579	17.95	167.71	30150.211	34842.145	22.086	23692.66	33.167	1.015	14.72
2/9/2018 18:10	159000	73.6	17.95	167.757	30149.589	34840.992	22.086	23691.875	33.168	1.015	14.721
2/9/2018 18:15	159300	73.601	17.95	167.76	30157.317	34837.137	22.083	23689.254	33.172	1.015	14.723
2/9/2018 18:20	159600	73.582	17.95	167.717	30159.645	34852.848	22.094	23699.938	33.157	1.015	14.723
2/9/2018 18:25	159900	73.602	17.95	167.762	30157.129	34849.801	22.092	23697.867	33.16	1.015	14.722
2/9/2018 18:30	160200	73.607	17.95	167.774	30158.252	34851.039	22.093	23698.707	33.158	1.015	14.722
2/9/2018 18:35	160500	73.59	17.95	167.734	30134.938	34824.496	22.074	23680.66	33.184	1.015	14.723
2/9/2018 18:40	160800	73.586	17.95	167.725	30132.082	34820.797	22.072	23678.145	33.187	1.015	14.724
2/9/2018 18:45	161100	73.606	17.95	167.809	30147.219	34838.418	22.084	23690.127	33.171	1.015	14.725
2/9/2018 18:50	161400	73.591	17.95	167.737	30140.732	34831.191	22.079	23685.211	33.178	1.015	14.723
2/9/2018 18:55	161700	73.591	17.95	167.736	30153.752	34845.84	22.089	23695.174	33.163	1.015	14.722
2/9/2018 19:00	162000	73.592	17.95	167.739	30154.041	34846.23	22.089	23695.438	33.163	1.015	14.721
2/9/2018 19:05	162300	73.591	17.95	167.737	30140.35	34830.48	22.078	23684.729	33.178	1.015	14.721
2/9/2018 19:10	162600	73.617	17.95	167.796	30168.156	34862.82	22.101	23706.721	33.148	1.015	14.722
2/9/2018 19:15	162900	73.601	17.95	167.759	30152.23	34844.414	22.088	23694.203	33.165	1.015	14.723
2/9/2018 19:20	163200	73.595	17.95	167.746	30141.787	34832.348	22.08	23685.996	33.177	1.015	14.723
2/9/2018 19:25	163500	73.599	17.95	167.754	30166.699	34861.059	22.1	23705.521	33.149	1.015	14.724
2/9/2018 19:30	163800	73.596	17.95	167.749	30156.379	34848.734	22.091	23697.141	33.16	1.015	14.725
2/9/2018 19:35	164100	73.619	17.95	167.8	30147.418	34838.52	22.084	23690.195	33.17	1.015	14.724
2/9/2018 19:40	164400	73.602	17.95	167.762	30151.646	34843.738	22.088	23693.742	33.166	1.015	14.724
2/9/2018 19:45	164700	73.606	17.95	167.772	30151.496	34843.252	22.087	23693.4	33.166	1.015	14.726
2/9/2018 19:50	165000	73.601	17.95	167.76	30165.367	34859.598	22.099	23704.529	33.151	1.015	14.725
2/9/2018 19:55	165300	73.605	17.95	167.768	30145.297	34836.199	22.082	23688.615	33.173	1.015	14.726
2/9/2018 20:00	165600	73.626	17.95	167.815	30149.789	34841.188	22.086	23692.01	33.168	1.015	14.727
2/9/2018 20:05	165900	73.609	17.949	167.777	30152.316	34844.715	22.088	23694.406	33.165	1.015	14.727
2/9/2018 20:10	166200	73.607	17.95	167.773	30163.506	34857.309	22.097	23702.973	33.153	1.015	14.727
2/9/2018 20:15	166500	73.609	17.95	167.771	30144.752	34835.707	22.083	23688.281	33.173	1.015	14.728
2/9/2018 20:20	166800	73.611	17.95	167.782	30146.699	34837.887	22.083	23689.764	33.171	1.015	14.726
2/9/2018 20:25	167100	73.608	17.95	167.775	30136.709	34826.402	22.075	23681.953	33.182	1.015	14.725
2/9/2018 20:30	167400	73.63	17.95	167.825	30150.459	34841.836	22.086	23692.449	33.167	1.015	14.724
2/9/2018 20:35	167700	73.617	17.95	167.797	30159.389	34852.211	22.094	23699.504	33.157	1.015	14.724
2/9/2018 20:40	168000	73.611	17.95	167.782	30134.82	34824.219	22.074	23680.469	33.184	1.015	14.723
2/9/2018 20:45	168300	73.61	17.95	167.781	30154.242	34846.535	22.09	23695.646	33.163	1.015	14.723
2/9/2018 20:50	168600	73.615	17.95	167.792	30153.307	34845.254	22.089	23694.75	33.164	1.015	14.722
2/9/2018 20:55	168900	73.616	17.95	167.794	30150.449	34842.082	22.086	23692.615	33.167	1.015	14.721
2/9/2018 21:00	169200	73.619	17.95	167.801	30156.68	34849.223	22.091	23697.471	33.16	1.015	14.72
2/9/2018 21:05	169500	73.624	17.95	167.813	30153.219	34845.422	22.089	23694.887	33.164	1.015	14.72
2/9/2018 21:10	169800	73.638	17.95	167.843	30153.023	34845.129	22.089	23694.689	33.164	1.015	14.72
2/9/2018 21:15	170100	73.639	17.95	167.846	30149.742	34841.336	22.086	23692.109	33.168	1.015	14.728
2/9/2018 21:20	170400	73.618	17.95	167.797	30148.561	34840.098	22.085	23691.27	33.169	1.015	14.721
2/9/2018 21:25	170700	73.615	17.95	167.791	30145.043	34835.703	22.082	23688.279	33.173	1.015	14.722
2/9/2018 21:30	171000	73.616	17.95	167.793	30151.764	34843.469	22.087	23693.561	33.166	1.015	14.724
2/9/2018 21:35	171300	73.616	17.95	167.793	30148.002	34839.254	22.084	23690.695	33.17	1.015	14.721
2/9/2018 21:40	171600	73.62	17.95	167.804	30156.545	34849.066	22.091	23697.367	33.16	1.015	14.719
2/9/2018 21:45	171900	73.619	17.95	167.801	30147.416	34838.574	22.084	23690.23	33.17	1.015	14.717
2/9/2018 21:50	172200	73.623	17.95	167.809	30152.127	34844.02	22.088	23693.936	33.165	1.015	14.718
2/9/2018 21:55	172500	73.625	17.95	167.814	30134.871	34824.219	22.074	23680.469	33.184	1.015	14.72
2/9/2018 22:00	172800	73.637	17.95	167.841	30143.709	34834.434	22.081	23687.418	33.174	1.015	14.721
2/9/2018 22:05	173100	73.618	17.95	167.798	30155.408	34847.813	22.09	23696.514	33.162	1.015	14.722
2/9/2018 22:10	173400	73.619	17.95	167.801	30149.324	34840.922	22.086	23691.828	33.168	1.015	14.722
2/9/2018 22:15	173700	73.617	17.95	167.796	30150.26	34841.73	22.086	23692.379	33.167	1.015	14.722
2/9/2018 22:20	174000	73.622	17.95	167.8	30156.922	34850.055	22.092	23698.205	33.16	1.015	14.725
2/9/2018 22:25	174300	73.643	17.95	167.854	30149.758	34841.023	22.086	23691.898	33.168	1.015	14.719
2/9/2018 22:30	174600	73.623	17.95	167.811	30146.467	34837.223	22.083	23689.314	33.171	1.015	14.718
2/9/2018 22:35	174900	73.622	17.95	167.807	30149.941	34841.438	22.086	23692.18	33.168	1.015	14.721
2/9/2018 22:40	175200	73.637	17.95	167.842	30147.535	34838.91	22.084	23690.461	33.17	1.015	14.723
2/9/2018 22:45	175500	73.612	17.95	167.785	30152.219	34844.402	22.088	23694.195	33.165	1.015	14.726
2/9/2018 22:50	175800	73.616	17.95	167.794	30165.353	34849.52	22.088	23704.361	33.151	1.015	14.725
2/9/2018 22:55	176100	73.615	17.95	167.791	30149.471	34840.82	22.086	23691.76	33.168	1.015	14.724
2/9/2018 23:00	176400	73.617	17.951	167.796	30144.375	34834.668	22.081	23687.576	33.174	1.015	14.723
2/9/2018 23:05	176700	73.633	17.95	167.833	30156.43	34848.793	22.091	23697.182	33.16	1.015	14.721
2/9/2018 23:10	177000	73.617	17.95	167.796	30155.33	34847.922	22.09	23696.588	33.162	1.015	14.72
2/9/2018 23:15	177300	73.623	17.95	167.81	30148.641	34839.859	22.085	23691.107	33.169	1.015	14.719
2/9/2018 23:20	177600	73.634	17.95	167.835	30130.059	34818.595	22.07	23685.641	33.189	1.015	14.721
2/9/2018 23:25	177900	73.614	17.95	167.789	30155.965	34848.797	22.091	23697.184	33.161	1.015	14.724
2/9/2018 23:30	178200	73.611	17.95	167.783	30164.309	34858.438	22.098	23703.738	33.152	1.015	14.726
2/9/2018 23:35	178500	73.62	17.95	167.802	30158.736	34851.73	22.093	23699.178	33.158	1.015	14.725
2/9/2018 23:40	178800	73.613	17.95	167.786	30148.824	34840.402	22.085	23691.475	33.169	1.015	14.724
2/9/2018 23:45	179100	73.614	17.95	167.788	30157.969	34851.109	22.093	23698.756	33.159	1.015	14.722
2/9/2018 23:50	179400	73.617	17.95	167.795	30156.197	34850.977	22.099	23694.986	33.15	1.015	14.721
2/9/2018 23:55	179700	73.619	17.95	167.8	30143.844	34845.445	22.081	23687.426	33.174	1.015	14.719
2/10/2018 0:00	180000	73.636	17.95	167.84	30158.486	34851.512	22.093	23699.027			

2/10/2018 10:50	219000	73.701	17.95	167.987	30151.264	34842.965	22.087	23693.219	33.166	1.015	14.719
2/10/2018 10:55	219300	73.678	17.95	167.935	30143.307	34833.57	22.08	23686.828	33.175	1.015	14.719
2/10/2018 11:00	219600	73.671	17.949	167.92	30144.129	34835.324	22.082	23688.023	33.174	1.015	14.718
2/10/2018 11:05	219900	73.67	17.95	167.916	30153.377	34845.871	22.089	23695.193	33.164	1.015	14.715
2/10/2018 11:10	220200	73.675	17.95	167.928	30154.254	34846.477	22.089	23695.604	33.163	1.015	14.711
2/10/2018 11:15	220500	73.678	17.95	167.934	30154.588	34847.621	22.074	23690.063	33.184	1.015	14.707
2/10/2018 11:20	220800	73.674	17.95	167.926	30171.063	34855.802	22.103	23708.802	33.144	1.015	14.714
2/10/2018 11:25	221100	73.668	17.95	167.911	30149.154	34840.328	22.085	23691.426	33.168	1.015	14.71
2/10/2018 11:30	221400	73.682	17.95	167.944	30146.699	34837.617	22.083	23689.58	33.171	1.015	14.712
2/10/2018 11:35	221700	73.657	17.95	167.887	30154.455	34846.984	22.09	23695.949	33.163	1.015	14.711
2/10/2018 11:40	222000	73.655	17.95	167.882	30159.629	34852.434	22.094	23699.656	33.157	1.015	14.711
2/10/2018 11:45	222300	73.671	17.949	167.919	30156.281	34848.762	22.091	23697.158	33.161	1.015	14.71
2/10/2018 11:50	222600	73.672	17.95	167.921	30147.087	34838.531	22.084	23690.203	33.171	1.015	14.711
2/10/2018 11:55	222900	73.647	17.95	167.864	30138.766	34828.449	22.077	23683.348	33.18	1.015	14.712
2/10/2018 12:00	223200	73.641	17.95	167.85	30160.541	34854.02	22.095	23700.734	33.156	1.015	14.713
2/10/2018 12:05	223500	73.636	17.95	167.839	30157.9	34850.832	22.093	23698.568	33.159	1.015	14.712
2/10/2018 12:10	223800	73.634	17.95	167.835	30152.885	34844.695	22.088	23694.393	33.164	1.015	14.712
2/10/2018 12:15	224100	73.632	17.95	167.831	30145.666	34836.828	22.083	23689.045	33.172	1.015	14.712
2/10/2018 12:20	224400	73.63	17.95	167.826	30155.209	34848.16	22.091	23696.75	33.161	1.015	14.709
2/10/2018 12:25	224700	73.626	17.95	167.816	30154.785	34847.234	22.09	23696.121	33.162	1.015	14.706
2/10/2018 12:30	225000	73.627	17.95	167.818	30148.805	34840.051	22.085	23691.234	33.169	1.015	14.703
2/10/2018 12:35	225300	73.625	17.95	167.815	30149.893	34841.438	22.086	23692.18	33.168	1.015	14.701
2/10/2018 12:40	225600	73.619	17.95	167.801	30152.639	34844.809	22.088	23694.471	33.165	1.015	14.698
2/10/2018 12:45	225900	73.62	17.95	167.802	30144.039	34834.813	22.081	23687.674	33.174	1.015	14.696
2/10/2018 12:50	226200	73.617	17.95	167.796	30145.262	34835.754	22.082	23688.324	33.173	1.015	14.693
2/10/2018 12:55	226500	73.618	17.95	167.797	30155.926	34848.551	22.091	23697.018	33.161	1.015	14.69
2/10/2018 13:00	226800	73.618	17.95	167.797	30151.014	34842.734	22.087	23693.063	33.166	1.015	14.687
2/10/2018 13:05	227100	73.633	17.95	167.833	30139.633	34829.246	22.077	23683.887	33.179	1.015	14.688
2/10/2018 13:10	227400	73.608	17.95	167.775	30156.379	34848.805	22.091	23697.189	33.16	1.015	14.689
2/10/2018 13:15	227700	73.619	17.95	167.801	30139.078	34828.742	22.077	23683.547	33.18	1.015	14.69
2/10/2018 13:20	228000	73.602	17.95	167.761	30147.434	34838.539	22.084	23690.209	33.17	1.015	14.687
2/10/2018 13:25	228300	73.604	17.95	167.767	30170.877	34855.559	22.103	23705.582	33.145	1.015	14.684
2/10/2018 13:30	228600	73.602	17.95	167.762	30158.656	34851.566	22.093	23699.066	33.158	1.015	14.68
2/10/2018 13:35	228900	73.599	17.95	167.755	30143.627	34834.539	22.081	23687.486	33.175	1.015	14.681
2/10/2018 13:40	229200	73.613	17.95	167.786	30144.094	34835.141	22.082	23687.896	33.174	1.015	14.681
2/10/2018 13:45	229500	73.595	17.95	167.747	30164.174	34858.082	22.098	23703.496	33.152	1.015	14.682
2/10/2018 13:50	229800	73.593	17.95	167.742	30155.371	34853.371	22.096	23701.652	33.155	1.015	14.683
2/10/2018 13:55	230100	73.59	17.95	167.733	30154.287	34846.387	22.089	23695.543	33.163	1.015	14.68
2/10/2018 14:00	230400	73.589	17.949	167.731	30145.244	34836.539	22.083	23688.848	33.173	1.015	14.678
2/10/2018 14:05	230700	73.6	17.95	167.757	30152.57	34844.402	22.088	23694.195	33.165	1.015	14.679
2/10/2018 14:10	231000	73.577	17.95	167.705	30135.887	34825.195	22.075	23681.133	33.183	1.015	14.68
2/10/2018 14:15	231300	73.575	17.95	167.699	30149.496	34840.922	22.086	23691.828	33.168	1.015	14.668
2/10/2018 14:20	231600	73.575	17.95	167.699	30147.976	34839.5	22.085	23690.861	33.17	1.015	14.661
2/10/2018 14:25	231900	73.573	17.95	167.696	30145.5	34836.23	22.082	23688.639	33.172	1.015	14.682
2/10/2018 14:30	232200	73.567	17.95	167.682	30147.416	34838.648	22.084	23690.283	33.17	1.015	14.682
2/10/2018 14:35	232500	73.573	17.95	167.694	30156.65	34849.246	22.091	23697.488	33.16	1.015	14.679
2/10/2018 14:40	232800	73.593	17.95	167.741	30155.291	34847.875	22.09	23696.557	33.162	1.015	14.676
2/10/2018 14:45	233100	73.568	17.95	167.685	30148.438	34839.5	22.085	23690.861	33.169	1.015	14.673
2/10/2018 14:50	233400	73.571	17.95	167.691	30144.809	34836.84	22.082	23688.371	33.173	1.015	14.671
2/10/2018 14:55	233700	73.568	17.95	167.685	30141.453	34831.684	22.079	23685.547	33.177	1.015	14.678
2/10/2018 15:00	234000	73.57	17.95	167.688	30152.631	34844.602	22.088	23694.332	33.165	1.015	14.666
2/10/2018 15:05	234300	73.567	17.95	167.682	30147.904	34839.34	22.084	23690.754	33.17	1.015	14.669
2/10/2018 15:10	234600	73.58	17.95	167.711	30134.234	34823.008	22.073	23679.646	33.185	1.015	14.672
2/10/2018 15:15	234900	73.558	17.95	167.661	30139.598	34829.484	22.078	23684.049	33.179	1.015	14.676
2/10/2018 15:20	235200	73.549	17.95	167.64	30154.738	34846.906	22.09	23695.898	33.162	1.015	14.674
2/10/2018 15:25	235500	73.575	17.95	167.701	30137.426	34827.23	22.076	23682.518	33.181	1.015	14.675
2/10/2018 15:30	235800	73.557	17.95	167.659	30154.625	34846.848	22.09	23695.857	33.162	1.015	14.672
2/10/2018 15:35	236100	73.574	17.95	167.698	30149.406	34840.746	22.085	23691.707	33.168	1.015	14.672
2/10/2018 15:40	236400	73.576	17.95	167.703	30161.297	34854.688	22.095	23701.189	33.155	1.015	14.672
2/10/2018 15:45	236700	73.554	17.95	167.652	30154.574	34847.047	22.09	23695.994	33.162	1.015	14.672
2/10/2018 15:50	237000	73.572	17.95	167.693	30152.619	34844.59	22.088	23694.322	33.165	1.015	14.674
2/10/2018 15:55	237300	73.544	17.95	167.63	30138.186	34827.547	22.076	23682.734	33.181	1.015	14.674
2/10/2018 16:00	237600	73.567	17.95	167.682	30154.643	34847.266	22.09	23696.143	33.162	1.015	14.677
2/10/2018 16:05	237900	73.566	17.95	167.679	30149.539	34840.973	22.086	23691.861	33.168	1.015	14.676
2/10/2018 16:10	238200	73.553	17.95	167.649	30166.451	34860.516	22.099	23705.15	33.149	1.015	14.675
2/10/2018 16:15	238500	73.55	17.95	167.643	30143.426	34833.836	22.081	23687.01	33.175	1.015	14.673
2/10/2018 16:20	238800	73.55	17.95	167.643	30141.063	34831.496	22.079	23685.42	33.177	1.015	14.673
2/10/2018 16:25	239100	73.566	17.95	167.679	30157.425	34851.637	22.1	23695.916	33.148	1.015	14.678
2/10/2018 16:30	239400	73.551	17.95	167.645	30135.752	34825.039	22.075	23681.029	33.183	1.015	14.673
2/10/2018 16:35	239700	73.553	17.95	167.65	30149.373	34840.977	22.086	23691.865	33.168	1.015	14.674
2/10/2018 16:40	240000	73.547	17.95	167.637	30152.84	34845.184	22.089	23694.725	33.164	1.015	14.675
2/10/2018 16:45	240300	73.55	17.95	167.643	30157.697	34850.797	22.092	23698.543	33.159	1.015	14.677
2/10/2018 16:50	240600	73.549	17.95	167.64	30172.875	34867.867	22.104	23710.152	33.142	1.015	14.678
2/10/2018 16:55	240900	73.549	17.95	167.642	30136.225	34845.442	22.075	23683.301	33.183	1.015	14.678
2/10/2018 17:00	241200	73.55	17.95	167.643	30154.438	34846.633	22.09	23695.711	33.163	1.015	14.679
2/10/2018 17:05	241500	73.565	17.95	167.678	30158.754	34851.477	22.093	23699.006	33.158	1.015	14.678
2/10/2018 17:10	241800	73.567	17.95	167.681	30146.854	34837.727	22.083	23689.656	33.171	1.015	14.676
2/10/2018 17:15	242100	73.567	17.95	167.683	30155.797	34848.203	22.091	23696.781	33.161	1.015	14.675
2/10/2018 17:20	242400	73.552	17.95	167.647	30144.309	34835.184	22.082	23687.928	33.174	1.015	14.676
2/10/2018 17:25	242700	73.555	17.949	167.655	30150.227	34853.855	22.085	23690.623	33.156	1.015	14.673
2/10/2018 17:30	243000	73.558	17.95	167.662	30138.797	34829.02	22.077	23683.734	33.18	1.015	14.677
2/10/2018 17:35	243300										

2/11/2018 4:25	282300	73.62	17.95	167.803	30141.654	34831.918	22.079	23685.707	33.177	1.015	14.712
2/11/2018 4:30	282600	73.62	17.95	167.802	30149.076	34840.637	22.085	23691.633	33.169	1.015	14.711
2/11/2018 4:35	282900	73.621	17.95	167.805	30152.885	34845.094	22.089	23694.666	33.164	1.015	14.711
2/11/2018 4:40	283200	73.644	17.95	167.857	30132.43	34821.457	22.072	23678.592	33.187	1.015	14.712
2/11/2018 4:45	283500	73.625	17.949	167.815	30146.598	34838.441	22.084	23690.143	33.171	1.015	14.712
2/11/2018 4:50	283800	73.629	17.95	167.823	30155.914	34848.738	22.091	23697.145	33.161	1.015	14.711
2/11/2018 4:55	284100	73.649	17.949	167.869	30153.422	34845.999	22.089	23695.275	33.165	1.015	14.71
2/11/2018 5:00	284400	73.652	17.949	167.876	30151.533	34843.941	22.088	23693.883	33.166	1.015	14.709
2/11/2018 5:05	284700	73.633	17.95	167.832	30150.23	34841.828	22.086	23692.443	33.167	1.015	14.709
2/11/2018 5:10	285000	73.639	17.95	167.847	30134.119	34823.41	22.073	23679.92	33.185	1.015	14.708
2/11/2018 5:15	285300	73.656	17.95	167.884	30154.572	34846.988	22.09	23695.953	33.162	1.015	14.708
2/11/2018 5:20	285600	73.637	17.95	167.841	30125.182	34812.883	22.066	23672.76	33.195	1.015	14.708
2/11/2018 5:25	285900	73.64	17.95	167.849	30151.889	34851.496	22.096	23701.529	33.155	1.015	14.708
2/11/2018 5:30	286200	73.644	17.95	167.856	30139.414	34829.07	22.077	23683.77	33.179	1.015	14.708
2/11/2018 5:35	286500	73.644	17.95	167.857	30164.023	34857.512	22.097	23703.107	33.152	1.015	14.71
2/11/2018 5:40	286800	73.642	17.95	167.853	30143.994	34834.898	22.081	23687.73	33.174	1.015	14.711
2/11/2018 5:45	287100	73.639	17.95	167.846	30146.484	34837.699	22.083	23689.637	33.171	1.015	14.713
2/11/2018 5:50	287400	73.645	17.95	167.861	30149.826	34841.703	22.086	23692.357	33.168	1.015	14.708
2/11/2018 5:55	287700	73.647	17.95	167.865	30151.349	34843.463	22.087	23693.555	33.166	1.015	14.704
2/11/2018 6:00	288000	73.662	17.95	167.898	30140.752	34830.816	22.079	23684.955	33.178	1.015	14.7
2/11/2018 6:05	288300	73.658	17.95	167.889	30139.664	34829.758	22.078	23684.236	33.179	1.015	14.703
2/11/2018 6:10	288600	73.664	17.95	167.904	30162.137	34855.66	22.096	23701.852	33.154	1.015	14.706
2/11/2018 6:15	288900	73.66	17.949	167.894	30152.734	34845.195	22.089	23694.732	33.164	1.015	14.708
2/11/2018 6:20	289200	73.659	17.95	167.891	30144.178	34855.031	22.081	23687.824	33.174	1.015	14.707
2/11/2018 6:25	289500	73.664	17.95	167.903	30149.354	34840.957	22.086	23691.854	33.168	1.015	14.706
2/11/2018 6:30	289800	73.665	17.95	167.904	30145.781	34837.027	22.083	23689.18	33.172	1.015	14.705
2/11/2018 6:35	290100	73.665	17.95	167.905	30162.201	34855.805	22.096	23701.947	33.154	1.015	14.708
2/11/2018 6:40	290400	73.662	17.95	167.898	30157.941	34851.078	22.093	23698.734	33.159	1.015	14.711
2/11/2018 6:45	290700	73.688	17.95	167.958	30165.348	34859.496	22.099	23704.459	33.151	1.015	14.714
2/11/2018 6:50	291000	73.689	17.95	167.96	30160.795	34853.977	22.095	23700.707	33.156	1.015	14.714
2/11/2018 6:55	291300	73.67	17.95	167.917	30149.188	34840.965	22.086	23691.855	33.168	1.015	14.716
2/11/2018 7:00	291600	73.67	17.949	167.918	30167.752	34862.551	22.101	23705.535	33.148	1.015	14.713
2/11/2018 7:05	291900	73.67	17.949	167.918	30163.383	34857.637	22.097	23703.193	33.153	1.015	14.713
2/11/2018 7:10	292200	73.695	17.95	167.973	30165.514	34859.895	22.099	23704.729	33.15	1.015	14.712
2/11/2018 7:15	292500	73.692	17.949	167.968	30157.832	34851.086	22.093	23698.74	33.159	1.015	14.712
2/11/2018 7:20	292800	73.672	17.95	167.92	30148.473	34839.867	22.085	23691.111	33.169	1.015	14.713
2/11/2018 7:25	293100	73.673	17.95	167.923	30142.803	34842.803	22.087	23693.105	33.166	1.015	14.715
2/11/2018 7:30	293400	73.679	17.95	167.936	30173.91	34869.598	22.106	23711.326	33.141	1.015	14.716
2/11/2018 7:35	293700	73.693	17.95	167.97	30169.354	34864.266	22.102	23707.703	33.146	1.015	14.715
2/11/2018 7:40	294000	73.681	17.95	167.942	30146.297	34837.281	22.083	23689.352	33.172	1.015	14.713
2/11/2018 7:45	294300	73.703	17.95	167.993	30170.795	34865.867	22.103	23708.789	33.145	1.015	14.711
2/11/2018 7:50	294600	73.687	17.95	167.955	30152.213	34844.262	22.088	23694.1	33.165	1.015	14.71
2/11/2018 7:55	294900	73.709	17.95	168.005	30158.623	34863.281	22.121	23707.081	33.147	1.015	14.709
2/11/2018 8:00	295200	73.691	17.95	167.964	30163.369	34854.977	22.095	23701.385	33.155	1.015	14.707
2/11/2018 8:05	295500	73.686	17.95	167.953	30172.469	34867.668	22.104	23710.014	33.143	1.015	14.71
2/11/2018 8:10	295800	73.686	17.95	167.954	30157.811	34850.992	22.093	23698.678	33.159	1.015	14.713
2/11/2018 8:15	296100	73.681	17.949	167.942	30161.568	34855.605	22.096	23701.813	33.155	1.015	14.717
2/11/2018 8:20	296400	73.683	17.951	167.947	30162.813	34855.973	22.096	23702.064	33.153	1.015	14.717
2/11/2018 8:25	296700	73.680	17.95	167.948	30162.455	34859.268	22.112	23717.9	33.132	1.015	14.717
2/11/2018 8:30	297000	73.687	17.95	167.956	30154.672	34846.902	22.09	23695.896	33.162	1.015	14.717
2/11/2018 8:35	297300	73.688	17.949	167.958	30185.816	34883.629	22.115	23720.869	33.128	1.015	14.715
2/11/2018 8:40	297600	73.695	17.949	167.974	30180.311	34877.199	22.111	23716.498	33.134	1.015	14.713
2/11/2018 8:45	297900	73.697	17.95	167.979	30177.393	34873.621	22.108	23714.064	33.137	1.015	14.711
2/11/2018 8:50	298200	73.694	17.95	167.97	30162.271	34855.941	22.096	23702.041	33.154	1.015	14.715
2/11/2018 8:55	298500	73.714	17.95	168.016	30164.801	34858.738	22.098	23705.943	33.151	1.015	14.719
2/11/2018 9:00	298800	73.683	17.95	167.947	30176.945	34872.647	22.108	23713.598	33.138	1.015	14.724
2/11/2018 9:05	299100	73.692	17.95	167.966	30164.768	34858.625	22.098	23703.867	33.151	1.015	14.72
2/11/2018 9:10	299400	73.695	17.95	167.974	30174.756	34870.367	22.106	23711.852	33.14	1.015	14.716
2/11/2018 9:15	299700	73.695	17.95	167.973	30167.914	34862.539	22.101	23706.527	33.148	1.015	14.713
2/11/2018 9:20	300000	73.696	17.95	167.976	30174.941	34870.582	22.106	23711.998	33.14	1.015	14.713
2/11/2018 9:25	300300	73.694	17.949	167.971	30172.914	34868.516	22.105	23710.592	33.142	1.015	14.713
2/11/2018 9:30	300600	73.691	17.95	167.965	30153.268	34845.535	22.089	23694.965	33.164	1.015	14.714
2/11/2018 9:35	300900	73.691	17.95	167.964	30159.535	34852.582	22.094	23699.756	33.157	1.015	14.714
2/11/2018 9:40	301200	73.71	17.95	168.008	30158.879	34852.164	22.093	23699.475	33.158	1.015	14.714
2/11/2018 9:45	301500	73.709	17.95	168.005	30155.922	34848.68	22.091	23697.104	33.161	1.015	14.715
2/11/2018 9:50	301800	73.685	17.95	167.95	30166.924	34861.262	22.1	23705.66	33.149	1.015	14.714
2/11/2018 9:55	302100	73.706	17.95	167.998	30157.959	34850.703	22.092	23698.479	33.159	1.015	14.714
2/11/2018 10:00	302400	73.707	17.95	168.001	30156.252	34849.203	22.09	23697.461	33.161	1.015	14.714
2/11/2018 10:05	302700	73.684	17.95	167.948	30151.213	34842.906	22.087	23693.176	33.166	1.015	14.714
2/11/2018 10:10	303000	73.681	17.95	167.941	30169.275	34864.113	22.102	23707.6	33.146	1.015	14.714
2/11/2018 10:15	303300	73.68	17.95	167.941	30165.459	34859.426	22.099	23704.41	33.15	1.015	14.715
2/11/2018 10:20	303600	73.674	17.949	167.926	30170.287	34865.684	22.103	23708.668	33.145	1.015	14.714
2/11/2018 10:25	303900	73.696	17.95	167.976	30148.787	34840.301	22.085	23691.406	33.169	1.015	14.713
2/11/2018 10:30	304200	73.678	17.95	167.954	30182.51	34879.328	22.112	23717.945	33.132	1.015	14.712
2/11/2018 10:35	304500	73.675	17.95	167.928	30143.977	34835.008	22.081	23687.805	33.174	1.015	14.714
2/11/2018 10:40	304800	73.669	17.949	167.915	30138.746	34829.234	22.077	23683.879	33.18	1.015	14.715
2/11/2018 10:45	305100	73.665	17.95	167.906	30132.049	34820.957	22.072	23678.254	33.187	1.015	14.717
2/11/2018 10:50	305400	73.667	17.95	167.91	30139.078	34829.215	22.077	23683.869	33.18	1.015	14.717
2/11/2018 10:55	305700	73.675	17.95	167.929	30146.883	34838.16	22.084	23689.951	33.171	1.015	14.718
2/11/2018 11:00	306000	73.678	17.95	167.935	30145.271	34835.063	22.075	23684.043	33.184	1.015	14.719
2/11/2018 11:05	306300	73.661	17.95	167.897	30122.328	34809.988	22.064	23670.793	33.198	1.015	14.72
2/11/2018 11:10	306600	73.673	17.95	167.923	30140.2						

2/11/2018 22:00	345600	73.601	17.95	167.759	30143.994	34835.027	22.081	23687.82	33.174	1.015	14.666
2/11/2018 22:05	345900	73.58	17.95	167.712	30138.293	34828.438	22.077	23683.338	33.18	1.015	14.668
2/11/2018 22:10	346200	73.584	17.949	167.72	30156.197	34849.332	22.091	23697.549	33.161	1.015	14.669
2/11/2018 22:15	346500	73.58	17.949	167.711	30141.604	34832.535	22.08	23686.127	33.177	1.015	14.67
2/11/2018 22:20	346800	73.596	17.95	167.748	30151.883	34844.012	22.088	23693.93	33.163	1.015	14.673
2/11/2018 22:25	347100	73.579	17.949	167.708	30139.432	34848.895	22.078	23684.33	33.179	1.015	14.675
2/11/2018 22:30	347400	73.576	17.949	167.703	30141.32	34832.078	22.079	23685.814	33.177	1.015	14.678
2/11/2018 22:35	347700	73.58	17.949	167.712	30117.816	34805.18	22.061	23667.521	33.203	1.015	14.675
2/11/2018 22:40	348000	73.576	17.949	167.702	30148.225	34840.25	22.085	23691.371	33.169	1.015	14.673
2/11/2018 22:45	348300	73.604	17.949	167.767	30131.529	34820.895	22.072	23678.209	33.188	1.015	14.671
2/11/2018 22:50	348600	73.603	17.949	167.763	30147.369	34839.129	22.084	23690.609	33.17	1.015	14.671
2/11/2018 22:55	348900	73.608	17.949	167.776	30133.299	34823	22.073	23679.643	33.186	1.015	14.672
2/11/2018 23:00	349200	73.585	17.95	167.729	30139.281	34829.516	22.078	23684.07	33.179	1.015	14.672
2/11/2018 23:05	349500	73.584	17.95	167.72	30137.359	34827.094	22.076	23682.424	33.181	1.015	14.673
2/11/2018 23:10	349800	73.585	17.949	167.722	30145.012	34836.344	22.082	23688.717	33.173	1.015	14.673
2/11/2018 23:15	350100	73.584	17.949	167.721	30144.928	34836.309	22.082	23688.689	33.173	1.015	14.673
2/11/2018 23:20	350400	73.585	17.949	167.723	30143.479	34834.766	22.081	23687.641	33.175	1.015	14.675
2/11/2018 23:25	350700	73.585	17.949	167.723	30126.014	34814.652	22.067	23679.963	33.194	1.015	14.676
2/11/2018 23:30	351000	73.587	17.95	167.726	30144.965	34835.883	22.082	23688.402	33.173	1.015	14.677
2/11/2018 23:35	351300	73.586	17.95	167.725	30124.295	34812.195	22.066	23672.295	33.196	1.015	14.678
2/11/2018 23:40	351600	73.584	17.95	167.721	30152.688	34844.941	22.088	23694.561	33.165	1.015	14.679
2/11/2018 23:45	351900	73.586	17.95	167.726	30150.816	34842.781	22.087	23693.092	33.167	1.015	14.679
2/11/2018 23:50	352200	73.585	17.949	167.722	30138.547	34829.137	22.077	23683.813	33.18	1.015	14.678
2/11/2018 23:55	352500	73.583	17.949	167.719	30118.816	34806.07	22.061	23668.131	33.202	1.015	14.677
2/12/2018 0:00	352800	73.588	17.95	167.729	30151.764	34855.496	22.096	23701.74	33.155	1.015	14.676
2/12/2018 0:05	353100	73.59	17.949	167.735	30136.543	34826.559	22.076	23682.063	33.182	1.015	14.677
2/12/2018 0:10	353400	73.584	17.949	167.722	30143.377	34834.586	22.081	23687.521	33.175	1.015	14.677
2/12/2018 0:15	353700	73.589	17.949	167.732	30133.465	34823.063	22.073	23679.686	33.186	1.015	14.678
2/12/2018 0:20	354000	73.6	17.95	167.758	30144.096	34835.145	22.082	23687.898	33.174	1.015	14.677
2/12/2018 0:25	354300	73.587	17.95	167.727	30130.957	34819.754	22.071	23677.436	33.188	1.015	14.677
2/12/2018 0:30	354600	73.592	17.949	167.74	30136.975	34826.252	22.076	23682.26	33.182	1.015	14.677
2/12/2018 0:35	354900	73.589	17.949	167.731	30146.938	34838.633	22.084	23690.273	33.171	1.015	14.675
2/12/2018 0:40	355200	73.593	17.95	167.741	30146.389	34837.664	22.083	23689.613	33.171	1.015	14.674
2/12/2018 0:45	355500	73.588	17.95	167.729	30147.373	34838.93	22.084	23690.473	33.17	1.015	14.673
2/12/2018 0:50	355800	73.587	17.949	167.727	30125.316	34814.047	22.067	23673.553	33.195	1.015	14.673
2/12/2018 0:55	356100	73.59	17.95	167.734	30133.031	34822.293	22.073	23679.16	33.186	1.015	14.673
2/12/2018 1:00	356400	73.593	17.949	167.742	30148.658	34841.473	22.085	23691.346	33.169	1.015	14.669
2/12/2018 1:05	356700	73.587	17.949	167.727	30139.029	34829.359	22.078	23683.965	33.18	1.015	14.675
2/12/2018 1:10	357000	73.588	17.949	167.729	30128.787	34817.594	22.069	23675.967	33.191	1.015	14.676
2/12/2018 1:15	357300	73.587	17.949	167.728	30139.947	34830.684	22.078	23684.865	33.179	1.015	14.678
2/12/2018 1:20	357600	73.585	17.949	167.722	30151.971	34844.449	22.088	23694.227	33.165	1.015	14.678
2/12/2018 1:25	357900	73.587	17.949	167.726	30140.564	34831.203	22.079	23685.221	33.178	1.015	14.679
2/12/2018 1:30	358200	73.607	17.949	167.721	30145.986	34837.298	22.083	23689.432	33.182	1.015	14.679
2/12/2018 1:35	358500	73.585	17.95	167.722	30144.525	34835.641	22.082	23688.238	33.174	1.015	14.677
2/12/2018 1:40	358800	73.589	17.95	167.732	30122.789	34810.391	22.064	23671.068	33.197	1.015	14.675
2/12/2018 1:45	359100	73.591	17.949	167.736	30116.508	34803.332	22.059	23666.268	33.204	1.015	14.673
2/12/2018 1:50	359400	73.584	17.949	167.72	30146.107	34837.609	22.083	23689.574	33.172	1.015	14.677
2/12/2018 1:55	359700	73.599	17.949	167.755	30133.631	34823.191	22.073	23679.771	33.186	1.015	14.682
2/12/2018 2:00	360000	73.6	17.949	167.757	30123.438	34811.675	22.065	23671.939	33.197	1.015	14.687
2/12/2018 2:05	360300	73.593	17.95	167.717	30142.641	34833.461	22.08	23686.754	33.176	1.015	14.683
2/12/2018 2:10	360600	73.585	17.95	167.722	30139.498	34829.766	22.078	23684.242	33.179	1.015	14.679
2/12/2018 2:15	360900	73.588	17.949	167.73	30143.379	34834.457	22.081	23687.434	33.175	1.015	14.676
2/12/2018 2:20	361200	73.607	17.95	167.773	30158.096	34851.117	22.093	23698.762	33.159	1.015	14.676
2/12/2018 2:25	361500	73.59	17.949	167.734	30110.715	34796.84	22.055	23661.852	33.211	1.015	14.675
2/12/2018 2:30	361800	73.586	17.949	167.726	30141.354	34832.117	22.079	23685.84	33.177	1.015	14.675
2/12/2018 2:35	362100	73.609	17.95	167.729	30137.293	34827.152	22.076	23682.465	33.181	1.015	14.675
2/12/2018 2:40	362400	73.592	17.95	167.738	30136.256	34826.02	22.075	23681.693	33.183	1.015	14.674
2/12/2018 2:45	362700	73.589	17.949	167.731	30152.943	34845.641	22.089	23695.035	33.164	1.015	14.673
2/12/2018 2:50	363000	73.592	17.95	167.738	30128.955	34817.648	22.069	23676.002	33.191	1.015	14.674
2/12/2018 2:55	363300	73.586	17.95	167.726	30149.49	34841.25	22.086	23692.053	33.168	1.015	14.674
2/12/2018 3:00	363600	73.587	17.95	167.727	30140.5	34830.922	22.079	23685.027	33.178	1.015	14.675
2/12/2018 3:05	363900	73.59	17.95	167.724	30138.107	34832.223	22.077	23683.192	33.181	1.015	14.676
2/12/2018 3:10	364200	73.589	17.949	167.733	30147.252	34838.859	22.084	23690.426	33.171	1.015	14.676
2/12/2018 3:15	364500	73.604	17.95	167.766	30153.625	34845.949	22.089	23695.248	33.164	1.015	14.676
2/12/2018 3:20	364800	73.589	17.949	167.732	30131.025	34820.242	22.071	23677.768	33.188	1.015	14.675
2/12/2018 3:25	365100	73.592	17.949	167.739	30126.1	34814.418	22.067	23673.805	33.194	1.015	14.673
2/12/2018 3:30	365400	73.594	17.95	167.743	30127.055	34815.246	22.068	23674.367	33.193	1.015	14.672
2/12/2018 3:35	365700	73.594	17.949	167.744	30139.348	34829.83	22.078	23684.354	33.179	1.015	14.678
2/12/2018 3:40	366000	73.598	17.95	167.752	30144.193	34835.191	22.082	23687.932	33.174	1.015	14.671
2/12/2018 3:45	366300	73.594	17.949	167.743	30151.602	34843.961	22.088	23693.895	33.166	1.015	14.671
2/12/2018 3:50	366600	73.591	17.949	167.736	30156.146	34849.34	22.091	23697.551	33.161	1.015	14.671
2/12/2018 3:55	366900	73.594	17.949	167.744	30147.939	34839.789	22.085	23691.057	33.17	1.015	14.671
2/12/2018 4:00	367200	73.593	17.95	167.742	30140.266	34830.652	22.078	23684.846	33.178	1.015	14.671
2/12/2018 4:05	367500	73.592	17.949	167.739	30149.512	34841.473	22.086	23692.021	33.168	1.015	14.669
2/12/2018 4:10	367800	73.601	17.949	167.759	30126.703	34815.316	22.068	23674.418	33.193	1.015	14.668
2/12/2018 4:15	368100	73.603	17.949	167.765	30144.799	34836.16	22.082	23688.592	33.173	1.015	14.667
2/12/2018 4:20	368400	73.621	17.949	167.805	30162.408	34856.449	22.096	23702.385	33.154	1.015	14.669
2/12/2018 4:25	368700	73.6	17.949	167.757	30143.943	34835.109	22.082	23687.875	33.174	1.015	14.67
2/12/2018 4:30	369000	73.6	17.949	167.757	30153.229	34845.84	22.089	23695.174	33.164	1.015	14.672
2/12/2018 4:35	369300	73.604	17.949	167.767	30138.299	34829.267	22.077	23683.922	33.18	1.015	14.67
2/12/2018 4:40	369600	73.606	17.949	167.771	30138.16	34828.426	22.077	23683.33	33.181	1.015	14.669
2/12/2018 4:45	369900										

2/12/2018 15:35	408900	73.546	17949	167.633	30142.787	34833.902	22.081	23687.055	33.175	1.015	14.666
2/12/2018 15:40	409200	73.541	17.95	167.623	30140.199	34830.574	22.078	23684.791	33.178	1.015	14.666
2/12/2018 15:45	409500	73.537	17.95	167.613	30148.143	34839.613	22.085	23690.939	33.17	1.015	14.667
2/12/2018 15:50	409800	73.541	17.95	167.622	30149.014	34840.699	22.085	23691.678	33.169	1.015	14.666
2/12/2018 15:55	410100	73.537	17949	167.614	30131.092	34820.188	22.071	23677.73	33.188	1.015	14.665
2/12/2018 16:00	410400	73.539	17.95	167.618	30119.027	34806.109	22.061	23668.156	33.202	1.015	14.664
2/12/2018 16:05	410700	73.531	17.95	167.599	30130.175	34818.999	22.07	23676.916	33.189	1.015	14.689
2/12/2018 16:10	411000	73.529	17949	167.594	30133.766	34823.41	22.073	23679.92	33.185	1.015	14.666
2/12/2018 16:15	411300	73.529	17949	167.596	30151.369	34843.691	22.088	23693.713	33.166	1.015	14.666
2/12/2018 16:20	411600	73.528	17949	167.594	30159.779	34853.336	22.094	23700.271	33.157	1.015	14.667
2/12/2018 16:25	411900	73.528	17.95	167.593	30137.043	34826.93	22.076	23682.314	33.182	1.015	14.668
2/12/2018 16:30	412200	73.522	167.579	30144.508	34846.027	34868.027	22.082	23688.5	33.174	1.015	14.669
2/12/2018 16:35	412500	73.524	17.95	167.583	30136.723	34836.389	22.075	23681.977	33.162	1.015	14.669
2/12/2018 16:40	412800	73.519	17949	167.574	30146.082	34838.113	22.084	23689.918	33.172	1.015	14.669
2/12/2018 16:45	413100	73.525	17949	167.585	30144.328	34835.617	22.082	23688.221	33.174	1.015	14.669
2/12/2018 16:50	413400	73.518	17.95	167.57	30141.537	34832.059	22.079	23685.803	33.177	1.015	14.669
2/12/2018 16:55	413700	73.524	17949	167.584	30143.426	34834.512	22.081	23687.469	33.175	1.015	14.669
2/12/2018 17:00	414000	73.518	17949	167.57	30136.992	34827.207	22.076	23682.502	33.182	1.015	14.669
2/12/2018 17:05	414300	73.519	17949	167.572	30139.115	34829.66	22.078	23684.172	33.179	1.015	14.67
2/12/2018 17:10	414600	73.518	17.95	167.57	30150.027	34841.867	22.086	23692.473	33.167	1.015	14.67
2/12/2018 17:15	414900	73.517	17949	167.567	30136.791	34826.906	22.076	23682.299	33.182	1.015	14.67
2/12/2018 17:20	415200	73.518	17949	167.57	30151.33	34843.645	22.087	23693.68	33.166	1.015	14.67
2/12/2018 17:25	415500	73.513	17949	167.558	30141.672	34832.75	22.08	23686.27	33.177	1.015	14.67
2/12/2018 17:30	415800	73.539	17949	167.618	30122.109	34810.141	22.064	23670.898	33.198	1.015	14.67
2/12/2018 17:35	416100	73.515	17949	167.563	30127.449	34837.917	22.068	23674.914	33.192	1.015	14.673
2/12/2018 17:40	416400	73.513	17949	167.56	30117.514	34804.629	22.06	23667.15	33.203	1.015	14.675
2/12/2018 17:45	416700	73.511	17.95	167.554	30132.313	34821.398	22.072	23678.553	33.187	1.015	14.678
2/12/2018 17:50	417000	73.513	17949	167.558	30116.793	34803.863	22.06	23666.627	33.204	1.015	14.678
2/12/2018 17:55	417300	73.534	17949	167.607	30129.492	34818.742	22.07	23676.744	33.19	1.015	14.677
2/12/2018 18:00	417600	73.517	17949	167.568	30127.654	34816.414	22.068	23675.164	33.192	1.015	14.677
2/12/2018 18:05	417900	73.518	17949	167.571	30142.871	34833.871	22.081	23687.035	33.175	1.015	14.678
2/12/2018 18:10	418200	73.514	17949	167.56	30131.729	34821.121	22.072	23678.363	33.188	1.015	14.679
2/12/2018 18:15	418500	73.516	17949	167.565	30129.244	34818.254	22.07	23676.412	33.19	1.015	14.681
2/12/2018 18:20	418800	73.52	17949	167.575	30142.805	34833.723	22.081	23686.934	33.175	1.015	14.682
2/12/2018 18:25	419100	73.516	17.95	167.567	30112.734	34798.637	22.056	23663.072	33.209	1.015	14.683
2/12/2018 18:30	419400	73.518	17949	167.57	30168.957	34864.348	22.082	23677.756	33.147	1.015	14.684
2/12/2018 18:35	419700	73.52	17.95	167.574	30147.1	34838.551	22.084	23690.217	33.171	1.015	14.683
2/12/2018 18:40	420000	73.549	17949	167.64	30134.65	34824.434	22.074	23680.617	33.184	1.015	14.682
2/12/2018 18:45	420300	73.543	17.95	167.628	30142.689	34833.52	22.08	23686.795	33.176	1.015	14.681
2/12/2018 18:50	420600	73.548	17949	167.639	30144.01	34835.113	22.082	23687.877	33.174	1.015	14.682
2/12/2018 18:55	420900	73.528	17949	167.593	30132.863	34822.305	22.073	23679.168	33.186	1.015	14.682
2/12/2018 19:00	421200	73.53	17949	167.597	30150.529	34842.648	22.087	23693.002	33.167	1.015	14.683
2/12/2018 19:05	421500	73.549	17.95	167.642	30150.43	34842.867	22.087	23693.167	33.167	1.015	14.685
2/12/2018 19:10	421800	73.552	17949	167.648	30147.506	34839.227	22.084	23690.676	33.17	1.015	14.687
2/12/2018 19:15	422100	73.53	17949	167.598	30146.969	34838.535	22.084	23690.207	33.171	1.015	14.69
2/12/2018 19:20	422400	73.549	17949	167.641	30115.137	34801.746	22.058	23665.188	33.206	1.015	14.69
2/12/2018 19:25	422700	73.552	17949	167.648	30164.525	34859.293	22.098	23704.32	33.152	1.015	14.691
2/12/2018 19:30	423000	73.532	17.95	167.603	30150.951	34842.859	22.087	23691.146	33.166	1.015	14.692
2/12/2018 19:35	423300	73.536	17949	167.613	30139.066	34839.664	22.078	23694.174	33.18	1.015	14.693
2/12/2018 19:40	423600	73.54	17.95	167.621	30151.717	34843.887	22.088	23693.846	33.166	1.015	14.693
2/12/2018 19:45	423900	73.538	17949	167.616	30149.473	34841.691	22.086	23692.35	33.168	1.015	14.694
2/12/2018 19:50	424200	73.557	17.95	167.658	30135.102	34824.484	22.074	23680.65	33.184	1.015	14.696
2/12/2018 19:55	424500	73.541	17949	167.624	30148.156	34839.977	22.085	23691.186	33.17	1.015	14.699
2/12/2018 20:00	424800	73.539	17949	167.619	30138.227	34828.633	22.077	23683.473	33.18	1.015	14.701
2/12/2018 20:05	425100	73.541	17949	167.624	30144.063	34855.176	22.082	23687.922	33.174	1.015	14.702
2/12/2018 20:10	425400	73.545	17.95	167.632	30124.445	34812.371	22.066	23672.412	33.196	1.015	14.703
2/12/2018 20:15	425700	73.559	17949	167.663	30156.23	34849.309	22.091	23697.531	33.161	1.015	14.704
2/12/2018 20:20	426000	73.564	17949	167.676	30130.775	34819.891	22.071	23677.527	33.189	1.015	14.704
2/12/2018 20:25	426300	73.57	17949	167.688	30158.488	34851.98	22.093	23699.348	33.158	1.015	14.705
2/12/2018 20:30	426600	73.549	17.95	167.64	30144.561	34835.68	22.082	23688.264	33.173	1.015	14.705
2/12/2018 20:35	426900	73.555	17949	167.654	30146.271	34837.863	22.085	23689.748	33.172	1.015	14.705
2/12/2018 20:40	427200	73.557	17.95	167.659	30148.977	34840.52	22.086	23691.553	33.169	1.015	14.706
2/12/2018 20:45	427500	73.559	17949	167.664	30156.385	34849.551	22.092	23697.697	33.16	1.015	14.704
2/12/2018 20:50	427800	73.559	17949	167.664	30142.771	34833.816	22.081	23686.996	33.175	1.015	14.705
2/12/2018 20:55	428100	73.562	17949	167.67	30127.285	34816.121	22.068	23674.965	33.193	1.015	14.705
2/12/2018 21:00	428400	73.585	17.95	167.722	30151.146	34843.293	22.087	23693.441	33.166	1.015	14.705
2/12/2018 21:05	428700	73.585	17949	167.722	30141.268	34831.945	22.079	23685.725	33.177	1.015	14.708
2/12/2018 21:10	429000	73.58	17949	167.712	30146.484	34838.299	22.084	23690.633	33.171	1.015	14.711
2/12/2018 21:15	429300	73.561	17.95	167.669	30118	34804.723	22.06	23667.211	33.203	1.015	14.713
2/12/2018 21:20	429600	73.568	17949	167.684	30158.922	34852.609	22.094	23699.775	33.158	1.015	14.713
2/12/2018 21:25	429900	73.566	17949	167.68	30154.957	34847.836	22.09	23696.531	33.162	1.015	14.712
2/12/2018 21:30	430200	73.567	17949	167.681	30122.74	34810.668	22.064	23671.256	33.198	1.015	14.712
2/12/2018 21:35	430500	73.57	17949	167.689	30126.879	34815.52	22.068	23674.553	33.193	1.015	14.711
2/12/2018 21:40	430800	73.596	17.95	167.747	30155.295	34847.957	22.091	23695.613	33.162	1.015	14.712
2/12/2018 21:45	431100	73.578	17949	167.706	30148.223	34839.984	22.085	23691.191	33.169	1.015	14.709
2/12/2018 21:50	431400	73.601	17949	167.759	30157.164	34850.449	22.092	23698.307	33.16	1.015	14.708
2/12/2018 21:55	431700	73.586	17949	167.725	30136.723	34826.691	22.076	23682.152	33.182	1.015	14.706
2/12/2018 22:00	432000	73.601	17949	167.759	30157.955	34851.363	22.093	23698.93	33.159	1.015	14.705
2/12/2018 22:05	432300	73.581	17949	167.714	30121.871	34809.664	22.064	23670.574	33.198	1.015	14.707
2/12/2018 22:10	432600	73.604	17949	167.766	30150.412	34842.648	22.087	23693.602	33.167	1.015	14.702
2/12/2018 22:15	432900	73.584	17949	167.72	30119.766	34807.098	22.062	23668.826	33.201	1.015	14.71
2/12/2018 22:20	433200	73.58									

2/13/2018 9:10	472200	73.669	17949	167.914	30189.977	34888.234	22.119	23724	33.124	1.015	14.803
2/13/2018 9:15	472500	73.67	1795	167.917	30198.537	34898.059	22.126	23730.68	33.114	1.015	14.804
2/13/2018 9:20	472800	73.67	17949	167.916	30180.172	34876.977	22.111	23716.346	33.134	1.015	14.805
2/13/2018 9:25	473100	73.675	1795	167.927	30179.662	34876.18	22.11	23715.803	33.135	1.015	14.805
2/13/2018 9:30	473400	73.669	17949	167.914	30171.613	34867.348	22.104	23709.799	33.144	1.015	14.805
2/13/2018 9:35	473700	73.676	1795	167.93	30186.205	34886.351	22.117	23722.518	33.126	1.015	14.803
2/13/2018 9:40	474000	73.676	17949	167.931	30183.02	34880.329	22.113	23718.025	33.131	1.015	14.801
2/13/2018 9:45	474300	73.679	17949	167.937	30186.977	34884.766	22.116	23721.641	33.127	1.015	14.798
2/13/2018 9:50	474600	73.683	17949	167.945	30188.148	34886.195	22.117	23722.615	33.126	1.015	14.8
2/13/2018 9:55	474900	73.699	17949	167.982	30196.848	34896.176	22.124	23729.4	33.116	1.015	14.802
2/13/2018 10:00	475200	73.677	17949	167.934	30170.102	34865.402	22.103	23708.475	33.145	1.015	14.804
2/13/2018 10:05	475500	73.674	17949	167.926	30196.296	34896.419	22.124	23729.936	33.116	1.015	14.805
2/13/2018 10:10	475800	73.689	17949	167.969	30173.963	34893.93	22.127	23711.553	33.141	1.015	14.806
2/13/2018 10:15	476100	73.696	17949	167.977	30186.059	34883.91	22.116	23721.061	33.128	1.015	14.807
2/13/2018 10:20	476400	73.695	1795	167.973	30220.867	34923.656	22.143	23748.088	33.09	1.015	14.806
2/13/2018 10:25	476700	73.694	1795	167.971	30179.148	34875.586	22.11	23715.398	33.135	1.015	14.805
2/13/2018 10:30	477000	73.674	1795	167.926	30205.104	34905.645	22.131	23735.84	33.107	1.015	14.804
2/13/2018 10:35	477300	73.673	1795	167.923	30197.645	34896.961	22.125	23729.936	33.115	1.015	14.805
2/13/2018 10:40	477600	73.674	17949	167.927	30182.015	34879.168	22.112	23717.834	33.132	1.015	14.807
2/13/2018 10:45	477900	73.689	17949	167.961	30195.51	34894.895	22.123	23728.531	33.118	1.015	14.808
2/13/2018 10:50	478200	73.668	1795	167.913	30177.285	34873.234	22.108	23713.801	33.138	1.015	14.806
2/13/2018 10:55	478500	73.687	17949	167.956	30193.332	34892.313	22.121	23726.773	33.12	1.015	14.804
2/13/2018 11:00	478800	73.673	1795	167.924	30189.98	34888.039	22.119	23723.867	33.124	1.015	14.803
2/13/2018 11:05	479100	73.671	17949	167.919	30207.695	34908.977	22.133	23738.104	33.104	1.015	14.803
2/13/2018 11:10	479400	73.687	17949	167.955	30193.947	34892.957	22.122	23727.213	33.119	1.015	14.803
2/13/2018 11:15	479700	73.664	1795	167.904	30197.689	34897.078	22.125	23730.016	33.115	1.015	14.804
2/13/2018 11:20	480000	73.66	17949	167.893	30193.57	34892.59	22.122	23726.961	33.12	1.015	14.802
2/13/2018 11:25	480300	73.681	17949	167.942	30183.855	34881.426	22.114	23719.369	33.13	1.015	14.8
2/13/2018 11:30	480600	73.668	17949	167.913	30187.029	34884.965	22.116	23721.777	33.127	1.015	14.799
2/13/2018 11:35	480900	73.681	17949	167.943	30188.512	34886.676	22.118	23722.941	33.125	1.015	14.799
2/13/2018 11:40	481200	73.656	17949	167.895	30189.947	34888.535	22.119	23724.207	33.124	1.015	14.801
2/13/2018 11:45	481500	73.652	17949	167.876	30202.932	34903.34	22.129	23734.271	33.109	1.015	14.803
2/13/2018 11:50	481800	73.649	17949	167.87	30192.646	34891.32	22.121	23726.1	33.121	1.015	14.8
2/13/2018 11:55	482100	73.652	17949	167.876	30198.988	34898.648	22.126	23731.082	33.114	1.015	14.797
2/13/2018 12:00	482400	73.673	17949	167.924	30189.91	34888.293	22.119	23724.041	33.124	1.015	14.795
2/13/2018 12:05	482700	73.649	17949	167.869	30196.635	34896.129	22.124	23729.369	33.116	1.015	14.796
2/13/2018 12:10	483000	73.667	17949	167.911	30198.759	34894.631	22.126	23730.949	33.114	1.015	14.797
2/13/2018 12:15	483300	73.641	17949	167.851	30192.045	34890.828	22.12	23725.766	33.121	1.015	14.797
2/13/2018 12:20	483600	73.64	17949	167.847	30162.309	34856.523	22.096	23702.436	33.154	1.015	14.797
2/13/2018 12:25	483900	73.635	17949	167.836	30170.404	34866.023	22.103	23708.898	33.145	1.015	14.797
2/13/2018 12:30	484200	73.635	17949	167.838	30140.1	34830.668	22.078	23684.855	33.178	1.015	14.794
2/13/2018 12:35	484500	73.648	1795	167.867	30160.391	34853.973	22.095	23700.703	33.156	1.015	14.796
2/13/2018 12:40	484800	73.654	1795	167.88	30162.645	34857.465	22.086	23689.479	33.172	1.015	14.792
2/13/2018 12:45	485100	73.646	17949	167.862	30155.68	34848.734	22.091	23697.141	33.161	1.015	14.789
2/13/2018 12:50	485400	73.625	17949	167.813	30165.627	34860.23	22.099	23704.957	33.15	1.015	14.789
2/13/2018 12:55	485700	73.641	1795	167.851	30135.322	34825.004	22.074	23681.004	33.184	1.015	14.789
2/13/2018 13:00	486000	73.616	1795	167.794	30150.449	34842.422	22.087	23692.848	33.167	1.015	14.79
2/13/2018 13:05	486300	73.614	1795	167.789	30120.621	34807.953	22.063	23669.408	33.2	1.015	14.788
2/13/2018 13:10	486600	73.611	17949	167.782	30124.394	34812.645	22.066	23672.598	33.196	1.015	14.787
2/13/2018 13:15	486900	73.61	17949	167.781	30146.051	34837.676	22.083	23689.621	33.172	1.015	14.786
2/13/2018 13:20	487200	73.606	1795	167.771	30136.777	34826.688	22.076	23682.15	33.182	1.015	14.787
2/13/2018 13:25	487500	73.601	17949	167.76	30148.291	34840.398	22.085	23691.471	33.169	1.015	14.789
2/13/2018 13:30	487800	73.611	17949	167.782	30165.861	34860.566	22.099	23705.188	33.15	1.015	14.79
2/13/2018 13:35	488100	73.592	17949	167.738	30148.539	34840.613	22.085	23691.617	33.169	1.015	14.789
2/13/2018 13:40	488400	73.613	17949	167.787	30146.281	34838.004	22.084	23689.844	33.172	1.015	14.787
2/13/2018 13:45	488700	73.583	17949	167.719	30158.426	34851.919	22.093	23699.307	33.158	1.015	14.787
2/13/2018 13:50	489000	73.582	17949	167.717	30134.584	34824.355	22.074	23680.563	33.184	1.015	14.784
2/13/2018 13:55	489300	73.581	1795	167.713	30126.33	34814.406	22.067	23673.797	33.194	1.015	14.783
2/13/2018 14:00	489600	73.579	1795	167.709	30153.268	34845.742	22.089	23695.107	33.164	1.015	14.782
2/13/2018 14:05	489900	73.576	17949	167.702	30148.225	34839.984	22.085	23691.191	33.169	1.015	14.782
2/13/2018 14:10	490200	73.588	17949	167.73	30147.67	34839.414	22.085	23690.803	33.17	1.015	14.783
2/13/2018 14:15	490500	73.565	1795	167.685	30153.916	34851.111	22.093	23698.76	33.159	1.015	14.785
2/13/2018 14:20	490800	73.587	17949	167.728	30137.141	34827.246	22.076	23682.527	33.182	1.015	14.781
2/13/2018 14:25	491100	73.566	1795	167.679	30131.545	34820.434	22.071	23677.896	33.188	1.015	14.779
2/13/2018 14:30	491400	73.563	17949	167.673	30145.484	34837.152	22.083	23689.264	33.172	1.015	14.776
2/13/2018 14:35	491700	73.557	1795	167.66	30113.285	34799.332	22.057	23663.547	33.208	1.015	14.779
2/13/2018 14:40	492000	73.551	1795	167.644	30167.537	34862.234	22.1	23706.322	33.148	1.015	14.782
2/13/2018 14:45	492300	73.565	17949	167.677	30135.27	34824.804	22.074	23680.904	33.184	1.015	14.784
2/13/2018 14:50	492600	73.549	17949	167.641	30131.359	34820.496	22.071	23677.938	33.188	1.015	14.784
2/13/2018 14:55	492900	73.539	1795	167.619	30137.443	34827.328	22.076	23682.584	33.181	1.015	14.784
2/13/2018 15:00	493200	73.536	17949	167.61	30125.195	34813.445	22.066	23673.143	33.195	1.015	14.784
2/13/2018 15:05	493500	73.533	1795	167.605	30145.48	34836.68	22.083	23688.943	33.172	1.015	14.785
2/13/2018 15:10	493800	73.547	17949	167.635	30126.615	34815.012	22.067	23674.209	33.193	1.015	14.785
2/13/2018 15:15	494100	73.545	1795	167.632	30157.154	34850.168	22.092	23681.17	33.16	1.015	14.787
2/13/2018 15:20	494400	73.525	1795	167.587	30148.91	34840.645	22.085	23691.639	33.169	1.015	14.786
2/13/2018 15:25	494700	73.521	17949	167.577	30135.537	34825.926	22.075	23681.629	33.183	1.015	14.787
2/13/2018 15:30	495000	73.516	1795	167.567	30139.383	34829.566	22.078	23684.107	33.179	1.015	14.788
2/13/2018 15:35	495300	73.516	17949	167.565	30146.301	34837.762	22.083	23689.678	33.172	1.015	14.789
2/13/2018 15:40	495600	73.513	17949	167.558	30145.014	34836.539	22.083	23688.848	33.173	1.015	14.789
2/13/2018 15:45	495900	73.526	1795	167.586	30157.859	34862.273	22.101	23695.346	33.18	1.015	14.79
2/13/2018 15:50	496200	73.506	17949	167.542	30147.654	34820.095	22.085	23690.793	33.17	1.015	14.79
2/13/2018 15:55	496500	73.503	1795	167.535	30145.111						

2/14/2018 2:45	535500	73.536	17.949	167.612	30138.863	34829.238	22.077	23683.883	33.18	1.015	14.803
2/14/2018 2:50	535800	73.533	17.95	167.604	30167.176	34861.816	22.1	23706.035	33.149	1.015	14.804
2/14/2018 2:55	536100	73.532	17.949	167.603	30134.436	34824.25	22.074	23680.49	33.185	1.015	14.804
2/14/2018 3:00	536400	73.546	17.949	167.635	30146.766	34838.5	22.084	23690.182	33.171	1.015	14.804
2/14/2018 3:05	536700	73.532	17.949	167.602	30139.348	34829.93	22.078	23684.354	33.179	1.015	14.804
2/14/2018 3:10	537000	73.549	17.949	167.64	30140.432	34831.18	22.078	23685.203	33.178	1.015	14.804
2/14/2018 3:15	537300	73.524	17.949	167.584	30131.412	34820.555	22.071	23677.979	33.188	1.015	14.804
2/14/2018 3:20	537600	73.524	17.949	167.584	30149.027	34840.984	22.086	23691.869	33.169	1.015	14.804
2/14/2018 3:25	537900	73.523	17.949	167.582	30146.367	34838.102	22.084	23689.91	33.171	1.015	14.804
2/14/2018 3:30	538200	73.527	17.949	167.591	30147.502	34839.223	22.084	23690.674	33.17	1.015	14.804
2/14/2018 3:35	538500	73.526	17.949	167.589	30160.158	34853.777	22.095	23705.568	33.156	1.015	14.804
2/14/2018 3:40	538800	73.528	17.949	167.592	30134.803	34845.547	22.074	23680.693	33.184	1.015	14.805
2/14/2018 3:45	539100	73.524	17.95	167.584	30152.367	34844.574	22.088	23694.111	33.165	1.015	14.806
2/14/2018 3:50	539400	73.522	17.949	167.579	30134.385	34833.992	22.074	23680.314	33.185	1.015	14.805
2/14/2018 3:55	539700	73.524	17.949	167.584	30144.375	34835.871	22.082	23688.395	33.174	1.015	14.804
2/14/2018 4:00	540000	73.528	17.95	167.593	30141.322	34831.809	22.079	23685.633	33.177	1.015	14.802
2/14/2018 4:05	540300	73.529	17.949	167.594	30163.639	34857.871	22.097	23703.354	33.153	1.015	14.802
2/14/2018 4:10	540600	73.524	17.949	167.585	30137.945	34837.945	22.083	23689.805	33.172	1.015	14.802
2/14/2018 4:15	540900	73.521	17.949	167.578	30141.252	34832.191	22.079	23685.893	33.175	1.015	14.803
2/14/2018 4:20	541200	73.525	17.949	167.586	30142.621	34833.582	22.08	23686.836	33.176	1.015	14.801
2/14/2018 4:25	541500	73.534	17.949	167.607	30148.857	34840.852	22.086	23691.779	33.169	1.015	14.799
2/14/2018 4:30	541800	73.53	17.949	167.598	30155.631	34848.617	22.091	23697.063	33.161	1.015	14.798
2/14/2018 4:35	542100	73.521	17.949	167.577	30152.469	34844.961	22.088	23694.576	33.165	1.015	14.791
2/14/2018 4:40	542400	73.523	17.95	167.581	30146.768	34838.23	22.084	23689.996	33.171	1.015	14.803
2/14/2018 4:45	542700	73.522	17.949	167.579	30147.971	34839.691	22.085	23690.99	33.17	1.015	14.806
2/14/2018 4:50	543000	73.523	17.949	167.582	30152.91	34845.398	22.089	23694.871	33.164	1.015	14.803
2/14/2018 4:55	543300	73.528	17.949	167.594	30159.461	34853.305	22.094	23702.248	33.157	1.015	14.8
2/14/2018 5:00	543600	73.551	17.95	167.645	30145.229	34836.324	22.082	23688.701	33.173	1.015	14.797
2/14/2018 5:05	543900	73.552	17.949	167.648	30145.836	34837.629	22.083	23689.588	33.172	1.015	14.798
2/14/2018 5:10	544200	73.53	17.949	167.599	30138.863	34829.367	22.078	23683.971	33.18	1.015	14.799
2/14/2018 5:15	544500	73.555	17.95	167.655	30148.975	34840.719	22.085	23691.691	33.169	1.015	14.8
2/14/2018 5:20	544800	73.553	17.95	167.65	30149.789	34841.723	22.086	23692.371	33.168	1.015	14.8
2/14/2018 5:25	545100	73.537	17.949	167.614	30158.387	34851.727	22.093	23699.176	33.158	1.015	14.8
2/14/2018 5:30	545400	73.557	17.949	167.659	30142.137	34833.082	22.08	23686.496	33.176	1.015	14.8
2/14/2018 5:35	545700	73.539	17.949	167.617	30151.818	34844.34	22.088	23694.15	33.165	1.015	14.803
2/14/2018 5:40	546000	73.536	17.95	167.611	30157.686	34850.848	22.093	23688.578	33.159	1.015	14.805
2/14/2018 5:45	546300	73.537	17.949	167.613	30146.082	34837.582	22.083	23689.599	33.172	1.015	14.809
2/14/2018 5:50	546600	73.54	17.95	167.621	30134.287	34823.61	22.074	23680.104	33.185	1.015	14.806
2/14/2018 5:55	546900	73.56	17.949	167.666	30157.176	34850.531	22.092	23698.363	33.16	1.015	14.804
2/14/2018 6:00	547200	73.563	17.95	167.674	30156.549	34849.27	22.091	23697.506	33.16	1.015	14.803
2/14/2018 6:05	547500	73.558	17.95	167.66	30150.498	34842.477	22.087	23692.887	33.167	1.015	14.807
2/14/2018 6:10	547800	73.54	17.949	167.62	30139.131	34829.883	22.078	23684.322	33.179	1.015	14.812
2/14/2018 6:15	548100	73.538	17.949	167.615	30150.18	34842.246	22.087	23692.73	33.167	1.015	14.816
2/14/2018 6:20	548400	73.536	17.95	167.611	30146.533	34837.961	22.084	23689.616	33.171	1.015	14.811
2/14/2018 6:25	548700	73.551	17.95	167.646	30148.805	34840.18	22.085	23691.324	33.169	1.015	14.805
2/14/2018 6:30	549000	73.578	17.95	167.707	30143.611	34834.32	22.081	23687.34	33.175	1.015	14.799
2/14/2018 6:35	549300	73.557	17.95	167.659	30163.539	34857.348	22.097	23702.998	33.153	1.015	14.801
2/14/2018 6:40	549600	73.58	17.949	167.71	30142.736	34833.906	22.081	23687.057	33.175	1.015	14.802
2/14/2018 6:45	549900	73.556	17.95	167.658	30143.145	34833.84	22.081	23687.014	33.175	1.015	14.804
2/14/2018 6:50	550200	73.558	17.95	167.662	30151.75	34843.926	22.088	23693.871	33.166	1.015	14.805
2/14/2018 6:55	550500	73.576	17.949	167.704	30144.793	34836.219	22.082	23688.629	33.173	1.015	14.806
2/14/2018 7:00	550800	73.578	17.949	167.707	30133.666	34823.695	22.074	23680.115	33.185	1.015	14.807
2/14/2018 7:05	551100	73.561	17.949	167.668	30151.818	34844.273	22.088	23694.107	33.165	1.015	14.809
2/14/2018 7:10	551400	73.562	17.95	167.671	30143.695	34834.551	22.081	23687.496	33.174	1.015	14.811
2/14/2018 7:15	551700	73.564	17.949	167.675	30139.615	34830.57	22.078	23684.787	33.179	1.015	14.813
2/14/2018 7:20	552000	73.57	17.949	167.688	30152.066	34855.98	22.096	23702.068	33.154	1.015	14.815
2/14/2018 7:25	552300	73.571	17.95	167.69	30137.459	34827.41	22.076	23682.641	33.181	1.015	14.814
2/14/2018 7:30	552600	73.569	17.949	167.686	30135.07	34825.188	22.075	23681.127	33.184	1.015	14.815
2/14/2018 7:35	552900	73.572	17.949	167.694	30148.002	34839.93	22.085	23691.152	33.17	1.015	14.815
2/14/2018 7:40	553200	73.573	17.949	167.696	30128.621	34817.531	22.069	23675.922	33.191	1.015	14.815
2/14/2018 7:45	553500	73.579	17.95	167.708	30144.193	34855.051	22.081	23687.836	33.174	1.015	14.815
2/14/2018 7:50	553800	73.604	17.949	167.766	30147.186	34838.966	22.084	23690.512	33.171	1.015	14.815
2/14/2018 7:55	554100	73.588	17.95	167.731	30127.221	34815.578	22.068	23674.596	33.193	1.015	14.814
2/14/2018 8:00	554400	73.591	17.949	167.736	30148.656	34840.617	22.085	23691.619	33.169	1.015	14.813
2/14/2018 8:05	554700	73.591	17.95	167.737	30135.568	34825.16	22.075	23681.111	33.183	1.015	14.813
2/14/2018 8:10	555000	73.592	17.95	167.739	30140.248	34830.699	22.078	23684.875	33.178	1.015	14.814
2/14/2018 8:15	555300	73.597	17.949	167.75	30133.756	34823.336	22.073	23679.93	33.185	1.015	14.814
2/14/2018 8:20	555600	73.597	17.949	167.751	30133.359	34846.467	22.089	23695.557	33.164	1.015	14.814
2/14/2018 8:25	555900	73.615	17.949	167.791	30158.451	34851.938	22.093	23699.32	33.158	1.015	14.815
2/14/2018 8:30	556200	73.6	17.949	167.757	30130.441	34819.508	22.071	23677.268	33.189	1.015	14.816
2/14/2018 8:35	556500	73.598	17.95	167.752	30146.586	34837.891	22.083	23689.766	33.171	1.015	14.816
2/14/2018 8:40	556800	73.599	17.949	167.755	30139.25	34829.816	22.078	23684.277	33.179	1.015	14.817
2/14/2018 8:45	557100	73.605	17.95	167.769	30138.832	34828.996	22.077	23683.717	33.18	1.015	14.817
2/14/2018 8:50	557400	73.627	17.95	167.7819	30151.631	34843.619	22.088	23693.698	33.166	1.015	14.818
2/14/2018 8:55	557700	73.605	17.949	167.769	30160.275	34854.176	22.095	23700.842	33.156	1.015	14.821
2/14/2018 9:00	558000	73.604	17.95	167.766	30141.07	34831.441	22.079	23685.383	33.177	1.015	14.823
2/14/2018 9:05	558300	73.605	17.95	167.769	30154.033	34846.5	22.089	23695.621	33.163	1.015	14.823
2/14/2018 9:10	558600	73.631	17.949	167.828	30160.691	34854.863	22.095	23701.307	33.156	1.015	14.823
2/14/2018 9:15	558900	73.611	17.949	167.783	30150.762	34842.988	22.087	23693.234	33.167	1.015	14.823
2/14/2018 9:20	559200	73.618	17.95	167.798	30144.71	34835.896	22.082	23688.383	33.173	1.015	14.821
2/14/2018 9:25	559500	73.64	17.949	167.848	30152.439	34845.121	22.089	23694.684	33.165	1.015	14.819
2/14/2018 9:30	559800	73.622	17.95	167.807							

2/14/2018 20:20	598800	73.443	17.949	167.4	30157.92	34851.453	22.093	23698.99	33.159	1.015	14.809
2/14/2018 20:25	599100	73.466	17.95	167.451	30148.539	34840.148	22.085	23691.301	33.169	1.015	14.812
2/14/2018 20:30	599400	73.443	17.949	167.399	30145.646	34837.207	22.083	23689.303	33.172	1.015	14.815
2/14/2018 20:35	599700	73.466	17.95	167.452	30144.01	34834.781	22.081	23687.652	33.174	1.015	14.817
2/14/2018 20:40	600000	73.45	17.95	167.416	30152.871	34845.219	22.089	23694.75	33.164	1.015	14.82
2/14/2018 20:45	600300	73.446	17.949	167.406	30165.008	34859.582	22.099	23704.518	33.151	1.015	14.822
2/14/2018 20:50	600600	73.471	17.95	167.464	30155.43	34848.035	22.091	23696.664	33.162	1.015	14.823
2/14/2018 20:55	600900	73.452	17.95	167.42	30161.799	34855.602	22.096	23701.809	33.155	1.015	14.823
2/14/2018 21:00	601200	73.455	17.949	167.427	30140.047	34830.941	22.079	23685.041	33.178	1.015	14.823
2/14/2018 21:05	601500	73.476	17.95	167.474	30147.703	34838.777	22.084	23690.371	33.17	1.015	14.824
2/14/2018 21:10	601800	73.472	17.95	167.466	30135.986	34825.438	22.075	23681.297	33.183	1.015	14.825
2/14/2018 21:15	602100	73.459	17.95	167.435	30150.215	34842.215	22.086	23692.709	33.167	1.015	14.827
2/14/2018 21:20	602400	73.46	17.949	167.437	30142.736	34833.777	22.081	23686.971	33.175	1.015	14.826
2/14/2018 21:25	602700	73.461	17.949	167.441	30162.689	34856.699	22.097	23702.559	33.154	1.015	14.825
2/14/2018 21:30	603000	73.469	17.95	167.459	30147.115	34838.504	22.084	23690.186	33.171	1.015	14.824
2/14/2018 21:35	603300	73.467	17.95	167.453	30140.164	34830.266	22.078	23684.582	33.178	1.015	14.824
2/14/2018 21:40	603600	73.488	17.949	167.502	30145.932	34837.672	22.083	23689.619	33.172	1.015	14.825
2/14/2018 21:45	603900	73.494	17.949	167.515	30143.107	34834.406	22.081	23687.396	33.175	1.015	14.825
2/14/2018 21:50	604200	73.475	17.949	167.471	30144.793	34836.355	22.082	23688.725	33.173	1.015	14.826
2/14/2018 21:55	604500	73.494	17.95	167.516	30144.879	34835.918	22.082	23688.426	33.173	1.015	14.826
2/14/2018 22:00	604800	73.481	17.949	167.485	30160.139	34853.824	22.095	23700.604	33.156	1.015	14.827
2/14/2018 22:05	605100	73.483	17.949	167.491	30141.637	34832.445	22.08	23686.064	33.177	1.015	14.828
2/14/2018 22:10	605400	73.483	17.949	167.49	30155.691	34848.816	22.091	23697.197	33.161	1.015	14.829
2/14/2018 22:15	605700	73.479	17.949	167.48	30126.254	34814.797	22.067	23674.063	33.194	1.015	14.83
2/14/2018 22:20	606000	73.502	17.949	167.533	30143.678	34835.066	22.081	23687.848	33.174	1.015	14.831
2/14/2018 22:25	606300	73.484	17.949	167.494	30157.322	34850.836	22.092	23698.57	33.159	1.015	14.831
2/14/2018 22:30	606600	73.486	17.95	167.496	30148.822	34840.605	22.085	23691.611	33.169	1.015	14.832
2/14/2018 22:35	606900	73.486	17.949	167.496	30150.16	34842.223	22.086	23692.713	33.167	1.015	14.832
2/14/2018 22:40	607200	73.488	17.949	167.503	30139.213	34829.703	22.078	23684.201	33.179	1.015	14.832
2/14/2018 22:45	607500	73.505	17.949	167.541	30147.283	34838.898	22.084	23690.453	33.17	1.015	14.833
2/14/2018 22:50	607800	73.51	17.949	167.553	30153.172	34845.703	22.089	23695.08	33.164	1.015	14.832
2/14/2018 22:55	608100	73.497	17.949	167.521	30155.994	34848.965	22.091	23697.299	33.161	1.015	14.832
2/14/2018 23:00	608400	73.49	17.95	167.506	30144.246	34835.188	22.082	23687.93	33.174	1.015	14.831
2/14/2018 23:05	608700	73.494	17.949	167.516	30154.539	34847.281	22.09	23696.154	33.163	1.015	14.832
2/14/2018 23:10	609000	73.518	17.949	167.569	30163.498	34857.77	22.097	23703.285	33.153	1.015	14.833
2/14/2018 23:15	609300	73.493	17.95	167.513	30154.508	34847.047	22.09	23695.994	33.163	1.015	14.833
2/14/2018 23:20	609600	73.498	17.949	167.525	30151.613	34843.902	22.088	23693.855	33.166	1.015	14.833
2/14/2018 23:25	609900	73.495	17.95	167.517	30144.246	34835.254	22.082	23687.973	33.174	1.015	14.832
2/14/2018 23:30	610200	73.497	17.949	167.522	30146.184	34837.762	22.083	23689.678	33.172	1.015	14.831
2/14/2018 23:35	610500	73.502	17.95	167.533	30137.061	34827.016	22.076	23682.373	33.182	1.015	14.829
2/14/2018 23:40	610800	73.504	17.949	167.538	30154.574	34847.395	22.09	23696.23	33.162	1.015	14.827
2/14/2018 23:45	611100	73.51	17.95	167.552	30150.467	34842.508	22.087	23692.908	33.167	1.015	14.824
2/14/2018 23:50	611400	73.528	17.949	167.594	30156.445	34849.621	22.092	23697.742	33.16	1.015	14.826
2/14/2018 23:55	611700	73.525	17.95	167.587	30150.211	34842.082	22.086	23692.615	33.167	1.015	14.829

Report Date: 2/16/2018 10:42
Report User Name: WMassoll
Report Computer Name: WKST52
Application: WinSitu.exe
Application Version: 5.6.27.1

Log File Properties
File Name MPWSP MW-45 LT Test_2018-02-15_07-49-09-318-BaroMerge.wsl
Create Date 2/16/2018 10:40

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

Log Configuration
Log Name MPWSP MW-45 LT Test
Created By WMassoll
Computer Name PROBOOK2
Application WinSitu.exe
Application Version 5.6.27.1
Create Date 4/7/2017 3:13:17 PM Pacific Daylight Time
Log Setup Time Zone Pacific Daylight Time
Notes Size(bytes) 4096
Overwrite when full Enabled
Scheduled Start Time 4/7/2017 3:30:00 PM Pacific Daylight Time
Scheduled Stop Time No Stop Time
Type Linear
Interval Days: 0 hrs: 00 mins: 05 secs: 00

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

Other Log Settings
Depth of Probe: 63.6528 (ft)
Head Pressure: 27.9263 (PSI)
Temperature: 17.7386 (C)
Specific Conductivity Model: Standard Methods
Reference Temperature: 25
Temperature Coefficient: 0.0191
TDS Factor: 0.68

Log Notes:
Date and Time Note
4/7/2017 15:13 Used Battery: 1% Used Memory: 3% User Name: WMassoll
4/13/2017 18:40 Log Download - Used Battery: 1% Used Memory: 4% User Name: WMassoll Interval - Start Time: 4/7/2017 3:30:00 PM Stop Time: 4/13/2017 8:40:00 PM
4/20/2017 7:04 Log Download - Used Battery: 2% Used Memory: 6% User Name: AVanHaitsma Interval - Start Time: 4/12/2017 10:00:00 PM Stop Time: 4/20/2017 8:00:00 AM
4/27/2017 18:47 Log Download - Used Battery: 3% Used Memory: 9% User Name: WMassoll Interval - Start Time: 4/19/2017 10:00:00 PM Stop Time: 4/27/2017 7:45:00 PM
5/4/2017 12:48 Log Download - Used Battery: 4% Used Memory: 12% User Name: AVanHaitsma Interval - Start Time: 3/31/2017 10:00:00 PM Stop Time: 5/4/2017 1:45:00 PM
5/11/2017 7:12 Log Download - Used Battery: 4% Used Memory: 14% User Name: AVanHaitsma Interval - Start Time: 5/3/2017 10:00:00 PM Stop Time: 5/11/2017 3:30:00 PM
5/18/2017 18:50 Log Download - Used Battery: 5% Used Memory: 17% User Name: WMassoll Interval - Start Time: 5/10/2017 10:00:00 PM Stop Time: 5/18/2017 7:50:00 PM
5/25/2017 7:03 Log Download - Used Battery: 6% Used Memory: 18% 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 18:10 Log Download - Used Battery: 7% Used Memory: 21% User Name: WMassoll Interval - Start Time: 4/30/2017 10:00:00 PM Stop Time: 6/1/2017 7:10:00 PM
6/8/2017 17:11 Log Download - Used Battery: 7% Used Memory: 23% User Name: WMassoll Interval - Start Time: 5/31/2017 10:00:00 PM Stop Time: 6/8/2017 6:10:00 PM
6/15/2017 7:19 Log Download - Used Battery: 8% Used Memory: 26% User Name: AVanHaitsma Interval - Start Time: 6/7/2017 10:00:00 PM Stop Time: 6/15/2017 8:15:00 AM
6/22/2017 6:39 Log Download - Used Battery: 9% Used Memory: 28% User Name: AVanHaitsma Interval - Start Time: 6/14/2017 10:00:00 PM Stop Time: 6/22/2017 7:35:00 AM
6/29/2017 15:55 Log Download - Used Battery: 10% Used Memory: 31% User Name: WMassoll Interval - Start Time: 6/21/2017 10:00:00 PM Stop Time: 6/29/2017 4:55:00 PM
7/6/2017 9:22 Log Download - Used Battery: 10% Used Memory: 34% User Name: AVanHaitsma Interval - Start Time: 7/5/2017 10:00:00 PM Stop Time: 7/6/2017 10:20:00 AM
7/13/2017 17:45 Log Download - Used Battery: 11% Used Memory: 35% User Name: WMassoll Interval - Start Time: 7/5/2017 10:00:00 PM Stop Time: 7/13/2017 6:45:00 PM
7/20/2017 17:19 Log Download - Used Battery: 12% Used Memory: 39% User Name: WMassoll Interval - Start Time: 7/12/2017 10:00:00 PM Stop Time: 7/20/2017 6:15:00 PM
7/27/2017 6:50 Log Download - Used Battery: 12% Used Memory: 40% User Name: AVanHaitsma Interval - Start Time: 7/19/2017 10:00:00 PM Stop Time: 7/27/2017 7:50:00 AM
8/3/2017 6:37 Log Download - Used Battery: 13% Used Memory: 43% User Name: AVanHaitsma Interval - Start Time: 6/30/2017 10:00:00 PM Stop Time: 8/3/2017 7:35:00 AM
8/10/2017 15:35 Log Download - Used Battery: 14% Used Memory: 46% User Name: WMassoll Interval - Start Time: 8/2/2017 10:00:00 PM Stop Time: 8/10/2017 4:35:00 PM
8/17/2017 15:02 Log Download - Used Battery: 15% Used Memory: 48% User Name: AVanHaitsma Interval - Start Time: 8/9/2017 10:00:00 PM Stop Time: 8/17/2017 4:00:00 PM
8/24/2017 14:20 Log Download - Used Battery: 15% Used Memory: 51% User Name: AVanHaitsma Interval - Start Time: 8/31/2017 10:00:00 PM Stop Time: 8/24/2017 3:20:00 PM
9/1/2017 17:23 Log Download - Used Battery: 16% Used Memory: 53% User Name: WMassoll Interval - Start Time: 7/31/2017 10:00:00 PM Stop Time: 9/1/2017 6:15:00 PM
9/7/2017 14:18 Log Download - Used Battery: 17% Used Memory: 56% User Name: WMassoll Interval - Start Time: 8/31/2017 10:00:00 PM Stop Time: 9/7/2017 3:10:00 PM
9/14/2017 10:07 Log Download - Used Battery: 18% Used Memory: 57% User Name: AVanHaitsma Interval - Start Time: 9/6/2017 10:00:00 PM Stop Time: 9/14/2017 11:05:00 AM
9/21/2017 13:24 Log Download - Used Battery: 18% Used Memory: 60% User Name: AVanHaitsma Interval - Start Time: 9/13/2017 10:00:00 PM Stop Time: 9/21/2017 2:20:00 PM
9/28/2017 18:16 Log Download - Used Battery: 19% Used Memory: 64% User Name: WMassoll Interval - Start Time: 9/20/2017 10:00:00 PM Stop Time: 9/28/2017 7:15:00 PM
10/5/2017 18:44 Log Download - Used Battery: 20% Used Memory: 65% User Name: WMassoll Interval - Start Time: 9/30/2017 10:00:00 PM Stop Time: 10/5/2017 7:40:00 PM
10/12/2017 9:55 Log Download - Used Battery: 21% Used Memory: 68% User Name: AVanHaitsma Interval - Start Time: 10/4/2017 10:00:00 PM Stop Time: 10/12/2017 10:50:00 AM
10/19/2017 8:09 Log Download - Used Battery: 21% Used Memory: 70% User Name: AVanHaitsma Interval - Start Time: 10/11/2017 10:00:00 PM Stop Time: 10/19/2017 9:05:00 AM
10/26/2017 17:54 Log Download - Used Battery: 22% Used Memory: 73% User Name: WMassoll Interval - Start Time: 10/18/2017 10:00:00 PM Stop Time: 10/26/2017 5:50:00 PM
11/2/2017 19:14 Log Download - Used Battery: 23% Used Memory: 75% User Name: WMassoll Interval - Start Time: 9/30/2017 10:00:00 PM Stop Time: 11/2/2017 8:05:00 PM
11/9/2017 17:59 Log Download - Used Battery: 24% Used Memory: 78% User Name: AVanHaitsma Interval - Start Time: 11/1/2017 10:00:00 PM Stop Time: 11/9/2017 6:55:00 PM
11/16/2017 17:35 Log Download - Used Battery: 24% Used Memory: 81% User Name: WMassoll Interval - Start Time: 11/8/2017 10:00:00 PM Stop Time: 11/16/2017 6:30:00 PM
11/23/2017 14:20 Log Download - Used Battery: 25% Used Memory: 82% User Name: AVanHaitsma Interval - Start Time: 11/15/2017 10:00:00 PM Stop Time: 11/23/2017 3:20:00 PM
12/1/2017 10:00 Log Download - Used Battery: 26% Used Memory: 85% User Name: AVanHaitsma Interval - Start Time: 10/31/2017 10:00:00 PM Stop Time: 12/1/2017 11:00:00 AM
12/7/2017 18:13 Log Download - Used Battery: 27% Used Memory: 87% User Name: WMassoll Interval - Start Time: 11/29/2017 10:00:00 PM Stop Time: 12/7/2017 7:10:00 PM
12/14/2017 17:17 Log Download - Used Battery: 27% Used Memory: 90% User Name: WMassoll Interval - Start Time: 12/6/2017 10:00:00 PM Stop Time: 12/14/2017 6:10:00 PM
12/21/2017 7:06 Log Download - Used Battery: 28% Used Memory: 92% User Name: AVanHaitsma Interval - Start Time: 12/13/2017 10:00:00 PM Stop Time: 12/21/2017 8:05:00 AM
1/4/2018 18:09 Log Download - Used Battery: 30% Used Memory: 98% User Name: WMassoll Interval - Start Time: 1/30/2017 10:00:00 PM Stop Time: 1/4/2018 7:00:00 PM
1/11/2018 7:40 Log Download - Used Battery: 30% Used Memory: 100% User Name: AVanHaitsma Interval - Start Time: 1/3/2018 10:00:00 PM Stop Time: 1/11/2018 8:40:00 AM
1/18/2018 14:10 Log Download - Used Battery: 31% Used Memory: 100% User Name: WMassoll Interval - Start Time: 1/10/2018 10:00:00 PM Stop Time: 1/18/2018 2:10:00 PM
1/26/2018 17:54 Log Download - Used Battery: 32% Used Memory: 100% User Name: WMassoll Interval - Start Time: 1/17/2018 10:00:00 PM Stop Time: 1/26/2018 5:50:00 PM
2/2/2018 15:00 Log Download - Used Battery: 33% Used Memory: 100% User Name: WMassoll Interval - Start Time: 12/31/2017 10:00:00 PM Stop Time: 2/2/2018 3:00:00 PM
2/8/2018 8:08 Log Download - Used Battery: 33% Used Memory: 100% User Name: AVanHaitsma Interval - Start Time: 1/31/2018 10:00:00 PM Stop Time: 2/8/2018 9:05:00 AM
2/15/2018 7:46 Log Download - Used Battery: 34% Used Memory: 100% User Name: AVanHaitsma Interval - Start Time: 2/7/2018 10:00:00 PM Stop Time: 2/15/2018 8:45:00 AM
2/16/2018 10:40 User Note: "Pressure & Level adjusted by baro data from: "MPWSP Barotroll_2018-02-15_16-52-45-921.wsl"

Log Data:
Record Count 2134

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

Time Zone: Pacific Standard Time

Date and Time	Elapsed Time Seconds	Sensor: PCTD(A) 35.8ft	Sensor: PCTD(A) 35.8ft	Sensor: PCTD(A) 35.8ft	Sensor: PCTD(A) 35.8ft	Sensor: PCTD(A) 35.8ft	Sensor: PCTD(A) 35.8ft	Sensor: PCTD(A) 35.8ft	Sensor: PCTD(A) 35.8ft	Sensor: PCTD(A) 35.8ft	Sensor: Baro-Adj Calc
		SNR: 499043	SNR: 499043	SNR: 499043	SNR: 499043	SNR: 499043	SNR: 499043	SNR: 499043	SNR: 499043	SNR: 499043	SNR: 000000
		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)
2/8/2018 0:00	7200	13.005	17.673	29.643	2751.029	3198.688	1.688	2.175	363.5	1	14.84
2/8/2018 0:05	7500	13.008	17.673	29.65	2750.076	3197.566	1.687	2.174	363.626	1	14.837
2/8/2018 0:10	7800	13.01	17.673	29.653	2750.812	3198.429	1.688	2.175	363.529	1	14.835
2/8/2018 0:15	8100	13.013	17.673	29.66	2751.127	3198.77	1.688	2.175	363.487	1	14.832
2/8/2018 0:20	8400	13.01	17.673	29.654	2750.703	3198.277	1.688	2.175	363.543	1	14.834
2/8/2018 0:25	8700	13.006	17.673	29.644	2751.414	3199.098	1.688	2.175	363.449	1	14.837
2/8/2018 0:30	9000	13.004	17.673	29.64	2750.936	3198.546	1.688	2.175	363.513	1	14.839
2/8/2018 0:35	9300	13.004	17.673	29.641	2750.925	3198.553	1.688	2.175	363.514	1	14.838
2/8/2018 0:40	9600	13.007	17.673	29.646	2751.027	3198.684	1.688	2.175	363.501	1	14.836
2/8/2018 0:45	9900	13.007	17.673	29.646	2751.81	3199.552	1.688	2.176	363.397	1	14.835
2/8/2018 0:50	10200	13.005	17.673	29.642	2751.421	3199.118	1.688	2.175	363.449	1	14.836
2/8/2018 0:55	10500	13.004	17.673	29.639	2751.799	3199.576	1.688	2.176	363.399	1	14.837
2/8/2018 1:00	10800	13.003	17.673	29.637	2751.496	3199.202	1.688	2.175	363.438	1	14.839
2/8/2018 1:05	11100	13.003	17.673	29.639	2752.428	3200.278	1.689	2.176	363.316	1	14.837
2/8/2018 1:10	11400	13.004	17.673	29.64	2752.677	3200.59	1.689	2.176	363.283	1	14.836
2/8/2018 1:15	11700	13.004	17.673	29.639	2752.04	3199.838	1.689	2.176	363.367	1	14.834
2/8/2018 1:20	12000	13.004	17.673	29.639	2752.096	3199.896	1.689	2.176	363.359	1	14.834
2/8/2018 1:25	12300	13.004	17.673	29.641	2753.101	3201.109	1.689	2.177	363.227	1	14.833
2/8/2018 1:30	12600	13.004	17.673	29.64	2752.954	3200.919	1.689	2.177	363.246	1	14.832
2/8/2018 1:35	12900	13.003	17.673	29.639	2752.616	3200.526	1.689	2.176	363.291	1	14.833
2/8/2018 1:40	13200	13.002	17.674	29.637	2753.481	3201.476	1.69	2.177	363.177	1	14.835
2/8/2018 1:45	13500	13.001	17.673	29.632	2752.673	3200.592	1.689	2.176	363.283	1	14.836
2/8/2018 1:50	13800	13.003	17.673	29.638	2753.368	3201.363	1.689	2.177	363.192	1	14.834
2/8/2018 1:55	14100	13.004	17.673	29.64	2752.697	3200.602	1.689	2.176	363.28	1	14.831
2/8/2018 2:00	14400	13.008	17.673	29.649	2752.948	3200.901	1.689	2.177	363.247	1	14.829
2/8/2018 2:05	14700	13.008	17.672	29.648	2753.956	3202.109	1.69	2.177	363.114	1	14.828
2/8/2018 2:10	15000	13.008	17.673	29.65	2753.716	3201.786	1.69	2.177	363.146	1	14.827
2/8/2018 2:15	15300	13.008	17.673	29.65	2753.49	3201.511	1.69	2.177	363.176	1	14.826
2/8/2018 2:20	15600	13.007	17.673	29.648	2754.633	3202.853	1.69	2.178	363.025	1	14.826
2/8/2018 2:25	15900	13.007	17.672	29.647	2753.888	3202.036	1.69	2.177	363.123	1	14.827
2/8/2018 2:30	16200	13.004	17.673	29.64	2753.834	3201.923	1.69	2.177	363.13	1	14.828
2/8/2018 2:35	16500	13.002	17.673	29.636	2754.954	3203.226	1.69	2.178	362.982	1	14.83
2/8/2018 2:40	16800	13.002	17.673	29.636	2755.114	3203.423	1.691	2.178	362.961	1	14.831
2/8/2018 2:45	17100	12.999	17.673	29.628	2754.487	3202.694	1.69	2.178	363.044	1	14.833
2/8/2018 2:50	17400	13.001	17.673	29.633	2754.342	3202.54	1.69	2.178	363.063	1	14.831
2/8/2018 2:55	17700	13.003	17.673	29.638	2754.602	3202.823	1.69	2.178	363.029	1	14.829
2/8/2018 3:00	18000	13.003	17.673	29.638	2755.598	3203.987	1.691	2.179	362.898	1	14.827
2/8/2018 3:05	18300	13.004	17.673	29.639	2755.117	3203.422	1.691	2.178	362.961	1	14.827
2/8/2018 3:10	18600	13.002	17.673	29.636	2754.88	3203.146	1.69	2.178	362.992	1	14.827
2/8/2018 3:15	18900	13.001	17.673	29.634	2756.042	3204.509	1.691	2.179	362.839	1	14.827
2/8/2018 3:20	19200	13.003	17.673	29.637	2756.024	3204.464	1.691	2.179	362.842	1	14.826
2/8/2018 3:25	19500	13.003	17.673	29.638	2756.368	3204.876	1.691	2.179	362.796	1	14.825
2/8/2018 3:30	19800	13.005	17.673	29.642	2755.462	3203.829	1.691	2.179	362.915	1	14.824
2/8/2018 3:35	20100	13.005	17.672	29.642	2755.748	3204.192	1.691	2.179	362.878	1	14.823
2/8/2018 3:40	20400	13.007	17.673	29.647	2756.033	3204.469	1.691	2.179	362.84	1	14.821
2/8/2018 3:45	20700	13.006	17.673	29.645	2756.467	3204.991	1.691	2.179	362.783	1	14.82
2/8/2018 3:50	21000	13.006	17.673	29.645	2756.426	3204.962	1.691	2.179	362.789	1	14.822
2/8/2018 3:55	21300	13.004	17.673	29.64	2757.184	3205.849	1.692	2.18	362.689	1	14.825
2/8/2018 4:00	21600	13.004	17.673	29.64	2756.506	3205.05	1.691	2.179	362.778	1	14.827
2/8/2018 4:05	21900	13.003	17.673	29.637	2756.817	3205.392	1.692	2.18	362.737	1	14.828
2/8/2018 4:10	22200	13	17.673	29.632	2757.677	3206.399	1.692	2.18	362.624	1	14.83
2/8/2018 4:15	22500	12.998	17.673	29.626	2757.018	3205.656	1.692	2.18	362.711	1	14.832
2/8/2018 4:20	22800	13.001	17.673	29.634	2757.363	3206.015	1.692	2.18	362.665	1	14.829
2/8/2018 4:25	23100	13.007	17.673	29.646	2757.614	3206.356	1.692	2.18	362.632	1	14.825
2/8/2018 4:30	23400	13.01	17.673	29.654	2757.062	3205.683	1.692	2.18	362.705	1	14.822
2/8/2018 4:35	23700	13.009	17.673	29.651	2756.972	3205.578	1.692	2.18	362.717	1	14.824
2/8/2018 4:40	24000	13.009	17.673	29.651	2757.288	3205.952	1.692	2.18	362.675	1	14.825
2/8/2018 4:45	24300	13.005	17.673	29.643	2757.979	3206.737	1.692	2.181	362.584	1	14.827
2/8/2018 4:50	24600	13.006	17.673	29.644	2757.338	3205.998	1.692	2.18	362.669	1	14.827
2/8/2018 4:55	24900	13.004	17.673	29.641	2757.464	3206.144	1.692	2.18	362.652	1	14.827
2/8/2018 5:00	25200	13.005	17.673	29.641	2757.494	3206.191	1.692	2.18	362.648	1	14.827
2/8/2018 5:05	25500	13.005	17.673	29.642	2757.222	3205.888	1.692	2.18	362.684	1	14.827
2/8/2018 5:10	25800	13.004	17.673	29.639	2758.217	3207.051	1.693	2.181	362.553	1	14.827
2/8/2018 5:15	26100	13.003	17.673	29.638	2757.537	3206.236	1.692	2.18	362.642	1	14.827
2/8/2018 5:20	26400	13.004	17.673	29.641	2757.576	3206.293	1.692	2.18	362.637	1	14.827
2/8/2018 5:25	26700	13.005	17.673	29.641	2757.665	3206.39	1.692	2.18	362.626	1	14.827
2/8/2018 5:30	27000	13.004	17.673	29.639	2758.154	3206.958	1.693	2.181	362.561	1	14.827
2/8/2018 5:35	27300	13.007	17.673	29.637	2757.348	3205.998	1.692	2.18	362.667	1	14.828
2/8/2018 5:40	27600	13.002	17.673	29.637	2758.771	3207.652	1.693	2.181	362.48	1	14.829
2/8/2018 5:45	27900	13.002	17.673	29.636	2757.5	3206.186	1.692	2.18	362.647	1	14.829
2/8/2018 5:50	28200	13	17.673	29.632	2758.347	3207.178	1.693	2.181	362.536	1	14.83
2/8/2018 5:55	28500	12.999	17.673	29.629	2757.983	3206.723	1.692	2.181	362.584	1	14.831
2/8/2018 6:00	28800	12.997	17.673	29.624	2758.62	3207.526	1.693	2.181	362.5	1	14.832
2/8/2018 6:05	29100	12.999	17.673	29.628	2757.196	3208.379	1.693	2.186	362.532	1	14.83
2/8/2018 6:10	29400	13.001	17.673	29.632	2757.763	3206.499	1.692	2.18	362.613	1	14.828
2/8/2018 6:15	29700	13.004	17.673	29.641	2758.8	3207.705	1.693	2.181	362.476	1	14.826
2/8/2018 6:20	30000	13.003	17.673	29.638	2758.129	3206.929	1.693	2.181	362.565	1	14.826
2/8/2018 6:25	30300	13.004	17.673	29.641	2758.728	3207.621	1.693	2.181	362.486	1	14.826
2/8/2018 6:30	30600	13.003	17.673	29.637	2759.032	3207.993	1.693	2.181	362.466	1	14.826
2/8/2018 6:35	30900	13.003	17.673	29.637	2758.845	3207.781	1.693	2.181	362.471	1	14.827
2/8/2018 6:40	31200	13.001	17.673	29.634	2759.136	3208.077	1.693	2.181	362.432	1	14.831
2/8/2018 6:45	31500	12.998	17.673	29.625	2758.191	3206.996	1.693	2.181	362.556	1	14.834
2/8/2018 6:50	31800	13	17.673	29.631	2759.096	3208.061	1.693	2.181	362.438	1	14.832
2/8/2018 6:55	32100	13.002	17.672	29.635	2758.523	3207.419	1.693	2.181	362.513	1	14.83
2/8/2018 7:00	32400	13.005	17.672	29.642	2759.364	3208.397	1.693	2.182	362.402	1	14.828
2/8/2018 7:05	32700	13.003	17.672	29.638	2759.568	3207.472	1.693	2.18			

2/8/2018 7:25	33900	13.003	17.673	29.637	2759.315	3208.296	1.693	2.182	362.409	1	14.832
2/8/2018 7:30	34200	13.003	17.673	29.638	2759.589	3208.622	1.693	2.182	362.373	1	14.832
2/8/2018 7:35	34500	13.003	17.673	29.638	2759.971	3209.091	1.694	2.182	362.323	1	14.834
2/8/2018 7:40	34800	13.003	17.673	29.638	2759.357	3208.37	1.693	2.182	362.403	1	14.835
2/8/2018 7:45	35100	13.001	17.673	29.634	2759.244	3208.22	1.693	2.182	362.418	1	14.836
2/8/2018 7:50	35400	13.004	17.673	29.641	2760.056	3209.158	1.694	2.182	362.311	1	14.833
2/8/2018 7:55	35700	13.007	17.673	29.647	2759.293	3208.314	1.693	2.182	362.412	1	14.832
2/8/2018 8:00	36000	13.01	17.673	29.654	2759.338	3208.317	1.693	2.182	362.406	1	14.827
2/8/2018 8:05	36300	13.007	17.673	29.646	2760.129	3209.262	1.694	2.182	362.302	1	14.83
2/8/2018 8:10	36600	13.004	17.673	29.64	2760.286	3209.42	1.694	2.182	362.281	1	14.834
2/8/2018 8:15	36900	13.001	17.673	29.632	2760.213	3209.34	1.694	2.182	362.291	1	14.838
2/8/2018 8:20	37200	13.001	17.673	29.633	2760.97	3208.97	1.694	2.182	362.332	1	14.837
2/8/2018 8:25	37500	13.002	17.673	29.636	2760.514	3209.69	1.694	2.183	362.351	1	14.837
2/8/2018 8:30	37800	13.002	17.673	29.635	2760.336	3209.472	1.694	2.182	362.275	1	14.837
2/8/2018 8:35	38100	13.001	17.673	29.634	2760.284	3209.436	1.694	2.182	362.281	1	14.837
2/8/2018 8:40	38400	13.002	17.673	29.636	2759.85	3208.912	1.694	2.182	362.339	1	14.838
2/8/2018 8:45	38700	13.002	17.673	29.635	2759.724	3208.792	1.694	2.182	362.355	1	14.838
2/8/2018 8:50	39000	13	17.673	29.632	2760.247	3209.387	1.694	2.182	362.286	1	14.839
2/8/2018 8:55	39300	13.001	17.673	29.634	2760.651	3209.85	1.694	2.183	362.233	1	14.839
2/8/2018 9:00	39600	13.001	17.673	29.634	2759.768	3208.817	1.694	2.182	362.349	1	14.84
2/8/2018 9:05	39900	13.001	17.673	29.634	2759.765	3208.826	1.694	2.182	362.35	1	14.839
2/8/2018 9:10	40200	13.002	17.673	29.635	2760.063	3209.172	1.694	2.182	362.311	1	14.839
2/8/2018 9:15	40500	13.001	17.673	29.632	2760.224	3209.341	1.694	2.182	362.289	1	14.839
2/8/2018 9:20	40800	13.001	17.673	29.634	2761.111	3210.385	1.694	2.183	362.173	1	14.839
2/8/2018 9:25	41100	12.999	17.673	29.628	2761.183	3210.404	1.695	2.183	362.164	1	14.84
2/8/2018 9:30	41400	12.998	17.673	29.626	2760.477	3209.659	1.694	2.183	362.256	1	14.841
2/8/2018 9:35	41700	12.998	17.673	29.627	2760.645	3209.868	1.694	2.183	362.234	1	14.839
2/8/2018 9:40	42000	12.999	17.673	29.628	2760.61	3209.833	1.694	2.183	362.239	1	14.838
2/8/2018 9:45	42300	13	17.673	29.63	2761.375	3210.673	1.695	2.183	362.138	1	14.837
2/8/2018 9:50	42600	13	17.673	29.631	2761.216	3210.538	1.695	2.183	362.159	1	14.837
2/8/2018 9:55	42900	13	17.673	29.63	2760.937	3210.186	1.694	2.183	362.196	1	14.836
2/8/2018 10:00	43200	13	17.673	29.631	2761.602	3210.962	1.695	2.183	362.109	1	14.836
2/8/2018 10:05	43500	12.999	17.673	29.629	2761.067	3210.309	1.694	2.183	362.179	1	14.836
2/8/2018 10:10	43800	12.999	17.673	29.629	2760.98	3210.263	1.694	2.183	362.19	1	14.836
2/8/2018 10:15	44100	12.999	17.673	29.628	2761.991	3211.42	1.695	2.184	362.058	1	14.835
2/8/2018 10:20	44400	13.001	17.673	29.632	2761.146	3210.413	1.694	2.183	362.168	1	14.833
2/8/2018 10:25	44700	13.003	17.673	29.638	2761.152	3211.636	1.695	2.184	362.036	1	14.836
2/8/2018 10:30	45000	13.004	17.673	29.641	2761.833	3211.224	1.695	2.184	362.078	1	14.828
2/8/2018 10:35	45300	13.004	17.673	29.639	2762.173	3211.644	1.695	2.184	362.034	1	14.831
2/8/2018 10:40	45600	13.001	17.673	29.633	2761.572	3210.927	1.695	2.183	362.113	1	14.834
2/8/2018 10:45	45900	12.997	17.673	29.624	2763.098	3212.707	1.696	2.185	361.913	1	14.836
2/8/2018 10:50	46200	13.001	17.673	29.633	2762.134	3211.593	1.695	2.184	362.039	1	14.833
2/8/2018 10:55	46500	13	17.673	29.632	2763.026	3212.631	1.696	2.185	361.922	1	14.831
2/8/2018 11:00	46800	13.003	17.673	29.638	2762.107	3211.549	1.695	2.184	362.092	1	14.828
2/8/2018 11:05	47100	13.003	17.673	29.639	2763.092	3212.682	1.696	2.185	361.913	1	14.827
2/8/2018 11:10	47400	13.003	17.673	29.637	2762.866	3212.425	1.696	2.184	361.943	1	14.826
2/8/2018 11:15	47700	13.002	17.673	29.636	2763.348	3213.004	1.696	2.185	361.88	1	14.826
2/8/2018 11:20	48000	13.002	17.673	29.636	2763.501	3213.182	1.696	2.185	361.86	1	14.825
2/8/2018 11:25	48300	13.003	17.673	29.637	2763.579	3213.266	1.696	2.185	361.85	1	14.824
2/8/2018 11:30	48600	13.001	17.673	29.633	2763.982	3213.735	1.696	2.185	361.797	1	14.823
2/8/2018 11:35	48900	13.001	17.672	29.634	2764.263	3214.093	1.697	2.186	361.76	1	14.821
2/8/2018 11:40	49200	13.004	17.673	29.64	2764.716	3214.576	1.697	2.186	361.701	1	14.819
2/8/2018 11:45	49500	13.004	17.673	29.641	2764.482	3214.304	1.697	2.186	361.731	1	14.817
2/8/2018 11:50	49800	13.002	17.673	29.634	2764.898	3214.794	1.697	2.186	361.677	1	14.817
2/8/2018 11:55	50100	13	17.673	29.631	2764.885	3214.779	1.697	2.186	361.679	1	14.817
2/8/2018 12:00	50400	12.999	17.673	29.628	2765.309	3215.254	1.697	2.186	361.623	1	14.817
2/8/2018 12:05	50700	13.002	17.673	29.635	2764.902	3214.804	1.697	2.186	361.676	1	14.812
2/8/2018 12:10	51000	13.005	17.673	29.642	2764.982	3214.905	1.697	2.186	361.666	1	14.807
2/8/2018 12:15	51300	13.009	17.673	29.651	2765.997	3216.077	1.698	2.187	361.533	1	14.802
2/8/2018 12:20	51600	13.005	17.673	29.643	2766.199	3216.307	1.698	2.187	361.507	1	14.803
2/8/2018 12:25	51900	13.005	17.672	29.642	2765.765	3215.846	1.698	2.187	361.564	1	14.804
2/8/2018 12:30	52200	13	17.673	29.631	2766.659	3217.204	1.698	2.188	361.408	1	14.804
2/8/2018 12:35	52500	13.005	17.673	29.643	2766.606	3216.768	1.698	2.187	361.454	1	14.801
2/8/2018 12:40	52800	13.005	17.673	29.642	2766.29	3216.431	1.698	2.187	361.495	1	14.798
2/8/2018 12:45	53100	13.008	17.673	29.649	2767.889	3218.26	1.699	2.188	361.286	1	14.795
2/8/2018 12:50	53400	13.008	17.673	29.649	2767.607	3217.945	1.699	2.188	361.323	1	14.794
2/8/2018 12:55	53700	13.011	17.673	29.657	2767.229	3217.511	1.698	2.188	361.372	1	14.792
2/8/2018 13:00	54000	13.008	17.673	29.648	2767.434	3217.756	1.699	2.188	361.346	1	14.79
2/8/2018 13:05	54300	13.008	17.673	29.65	2768.234	3218.667	1.699	2.189	361.241	1	14.788
2/8/2018 13:10	54600	13.008	17.673	29.65	2768.058	3218.438	1.699	2.189	361.264	1	14.787
2/8/2018 13:15	54900	13.009	17.673	29.653	2768.686	3219.199	1.699	2.189	361.182	1	14.785
2/8/2018 13:20	55200	13.008	17.673	29.65	2769.201	3219.771	1.7	2.189	361.115	1	14.785
2/8/2018 13:25	55500	13.007	17.673	29.648	2769.353	3219.979	1.7	2.19	361.095	1	14.786
2/8/2018 13:30	55800	13.006	17.673	29.644	2769.468	3220.113	1.7	2.19	361.08	1	14.786
2/8/2018 13:35	56100	13	17.673	29.631	2769.76	3220.448	1.7	2.19	361.042	1	14.786
2/8/2018 13:40	56400	13.005	17.673	29.643	2769.809	3220.517	1.7	2.19	361.036	1	14.785
2/8/2018 13:45	56700	13.004	17.673	29.641	2770.391	3221.174	1.7	2.19	360.96	1	14.784
2/8/2018 13:50	57000	13.004	17.673	29.64	2769.827	3220.519	1.7	2.19	361.033	1	14.784
2/8/2018 13:55	57300	13.004	17.673	29.641	2770.94	3221.82	1.701	2.191	360.888	1	14.783
2/8/2018 14:00	57600	13.003	17.673	29.638	2770.288	3221.042	1.7	2.19	360.973	1	14.783
2/8/2018 14:05	57900	13.005	17.673	29.643	2770.462	3221.288	1.701	2.191	360.951	1	14.78
2/8/2018 14:10	58200	13.009	17.673	29.652	2770.77	3221.604	1.701	2.191	360.91	1	14.777
2/8/2018 14:15	58500	13.012	17.673	29.658	2772.17	3223.262	1.702	2.192	360.728	1	14.774
2/8/2018 14:20	58800	13.011	17.673	29.656	2771.151	3222.077	1.701	2.191	360.861	1	14.775
2/8/2018 14:25	59100	13.012	17.672	29.657	2771.627	3222.656	1.701	2.191	360.799	1	14.775
2/8/2018 14:30	59400	13.009	17.673	29.652	2771.842	3222.837	1.701	2.192	360.771	1	14.776
2/8/2018 14:35	59700	13.008	17.673	29.65	2772.36	3223.47	1.702	2.192	360.704	1	14.778
2/8/2018 14:40	60000	13.006	17.673	29.645	2772.457	3223.602	1.702	2.192	360.691	1	14.78
2/8/2018 14:45	60300	13.007	17.673	29.647	2772.264	3223.37					

2/9/2018 1:00	97200	13.009	17.673	29.652	2789.162	3243.025	1.713	2.205	358.531	1	14.77
2/9/2018 1:05	97500	13.007	17.673	29.648	2788.73	3242.51	1.712	2.205	358.586	1	14.771
2/9/2018 1:10	97800	13.005	17.673	29.643	2789.14	3242.974	1.713	2.205	358.534	1	14.772
2/9/2018 1:15	98100	13.004	17.673	29.641	2789.555	3243.483	1.713	2.206	358.48	1	14.774
2/9/2018 1:20	98400	13.002	17.673	29.636	2789.587	3243.494	1.713	2.206	358.476	1	14.774
2/9/2018 1:25	98700	13.005	17.672	29.641	2789.671	3243.635	1.713	2.206	358.465	1	14.774
2/9/2018 1:30	99000	13.002	17.673	29.636	2788.871	3242.687	1.713	2.205	358.568	1	14.774
2/9/2018 1:35	99300	13	17.673	29.632	2789.591	3243.505	1.713	2.206	358.476	1	14.775
2/9/2018 1:40	99600	12.999	17.673	29.629	2787.199	3240.718	1.711	2.204	358.783	1	14.776
2/9/2018 1:45	99900	12.999	17.673	29.628	2790.292	3244.307	1.713	2.206	358.385	1	14.777
2/9/2018 1:50	100200	13.004	17.673	29.64	2790.027	3243.993	1.713	2.206	358.419	1	14.773
2/9/2018 1:55	100500	13.008	17.672	29.649	2790.0028	3244.076	1.713	2.206	358.419	1	14.768
2/9/2018 2:00	100800	13.012	17.673	29.657	2787.789	3241.459	1.713	2.204	358.707	1	14.77
2/9/2018 2:05	101100	13.009	17.673	29.651	2789.627	3243.56	1.713	2.206	358.471	1	14.766
2/9/2018 2:10	101400	13.005	17.673	29.643	2789.436	3243.318	1.713	2.205	358.495	1	14.769
2/9/2018 2:15	101700	13.002	17.673	29.635	2790.508	3244.584	1.714	2.206	358.358	1	14.772
2/9/2018 2:20	102000	13.004	17.673	29.64	2790.748	3244.863	1.714	2.207	358.327	1	14.77
2/9/2018 2:25	102300	13.006	17.673	29.645	2790.956	3245.104	1.714	2.207	358.3	1	14.768
2/9/2018 2:30	102600	13.007	17.673	29.648	2789.892	3243.83	1.713	2.206	358.437	1	14.766
2/9/2018 2:35	102900	13.003	17.673	29.638	2789.927	3243.889	1.713	2.206	358.432	1	14.766
2/9/2018 2:40	103200	13.007	17.673	29.646	2790.619	3244.7	1.714	2.206	358.343	1	14.766
2/9/2018 2:45	103500	13.005	17.673	29.642	2790.174	3244.196	1.713	2.206	358.401	1	14.766
2/9/2018 2:50	103800	13.008	17.673	29.65	2790.883	3245.021	1.714	2.207	358.31	1	14.764
2/9/2018 2:55	104100	13.01	17.673	29.653	2791.196	3245.371	1.714	2.207	358.269	1	14.762
2/9/2018 3:00	104400	13.012	17.673	29.658	2791.145	3247.012	1.714	2.207	358.276	1	14.759
2/9/2018 3:05	104700	13.009	17.673	29.651	2791.015	3245.173	1.714	2.207	358.293	1	14.762
2/9/2018 3:10	105000	13.004	17.673	29.639	2788.476	3242.209	1.712	2.205	358.619	1	14.764
2/9/2018 3:15	105300	13.001	17.673	29.634	2790.948	3245.076	1.714	2.207	358.301	1	14.767
2/9/2018 3:20	105600	13.005	17.672	29.643	2790.766	3244.909	1.714	2.207	358.325	1	14.766
2/9/2018 3:25	105900	13.005	17.673	29.642	2790.937	3245.064	1.714	2.207	358.303	1	14.764
2/9/2018 3:30	106200	13.004	17.673	29.641	2790.635	3244.732	1.714	2.206	358.341	1	14.763
2/9/2018 3:35	106500	13.005	17.673	29.643	2790.937	3245.101	1.714	2.207	358.303	1	14.763
2/9/2018 3:40	106800	13.002	17.672	29.636	2790.708	3244.848	1.714	2.206	358.332	1	14.762
2/9/2018 3:45	107100	13.009	17.673	29.65	2791.306	3245.531	1.714	2.207	358.255	1	14.762
2/9/2018 3:50	107400	13.004	17.673	29.639	2790.774	3244.894	1.714	2.207	358.323	1	14.762
2/9/2018 3:55	107700	13.003	17.673	29.637	2791.166	3245.355	1.714	2.207	358.273	1	14.761
2/9/2018 4:00	108000	13.002	17.673	29.636	2791.196	3246.252	1.714	2.207	358.176	1	14.76
2/9/2018 4:05	108300	13.003	17.673	29.637	2792.04	3246.372	1.715	2.208	358.161	1	14.76
2/9/2018 4:10	108600	13.005	17.673	29.642	2791.695	3245.983	1.714	2.207	358.205	1	14.758
2/9/2018 4:15	108900	13.006	17.673	29.645	2791.659	3245.915	1.714	2.207	358.21	1	14.757
2/9/2018 4:20	109200	13.008	17.673	29.65	2792.296	3246.682	1.715	2.208	358.128	1	14.755
2/9/2018 4:25	109500	13.008	17.673	29.65	2791.984	3246.307	1.715	2.207	358.168	1	14.753
2/9/2018 4:30	109800	13.01	17.673	29.653	2791.075	3245.275	1.714	2.207	358.285	1	14.758
2/9/2018 4:35	110100	13.008	17.673	29.649	2791.464	3245.683	1.714	2.207	358.235	1	14.753
2/9/2018 4:40	110400	13.006	17.672	29.645	2791.489	3245.762	1.714	2.207	358.232	1	14.755
2/9/2018 4:45	110700	13.004	17.673	29.639	2791.534	3245.77	1.714	2.207	358.226	1	14.757
2/9/2018 4:50	111000	13.004	17.673	29.64	2791.802	3246.089	1.714	2.207	358.192	1	14.756
2/9/2018 4:55	111300	13.006	17.673	29.644	2792.649	3247.073	1.715	2.208	358.083	1	14.754
2/9/2018 5:00	111600	13.006	17.673	29.644	2791.489	3246.7	1.714	2.207	358.232	1	14.753
2/9/2018 5:05	111900	13.006	17.673	29.644	2792.642	3247.072	1.715	2.208	358.084	1	14.753
2/9/2018 5:10	112200	13.003	17.673	29.639	2792.25	3246.616	1.715	2.208	358.134	1	14.754
2/9/2018 5:15	112500	13.004	17.673	29.64	2792.258	3246.58	1.715	2.208	358.133	1	14.755
2/9/2018 5:20	112800	13.006	17.673	29.644	2793.013	3247.509	1.715	2.208	358.036	1	14.754
2/9/2018 5:25	113100	13.006	17.673	29.644	2792.571	3246.983	1.715	2.208	358.093	1	14.753
2/9/2018 5:30	113400	13.006	17.673	29.644	2791.821	3246.117	1.714	2.207	358.189	1	14.753
2/9/2018 5:35	113700	13.006	17.673	29.644	2792.544	3246.964	1.715	2.208	358.096	1	14.753
2/9/2018 5:40	114000	13.006	17.673	29.645	2792.583	3247.003	1.715	2.208	358.091	1	14.752
2/9/2018 5:45	114300	13.005	17.673	29.643	2792.385	3246.772	1.715	2.208	358.117	1	14.752
2/9/2018 5:50	114600	13.007	17.673	29.646	2792.49	3246.894	1.715	2.208	358.103	1	14.752
2/9/2018 5:55	114900	13.006	17.673	29.645	2792.421	3246.809	1.715	2.208	358.112	1	14.751
2/9/2018 6:00	115200	13.007	17.673	29.647	2793.073	3247.559	1.715	2.208	358.029	1	14.75
2/9/2018 6:05	115500	13.004	17.673	29.64	2792.601	3247.006	1.715	2.208	358.089	1	14.751
2/9/2018 6:10	115800	13.004	17.673	29.639	2792.374	3246.734	1.715	2.208	358.118	1	14.752
2/9/2018 6:15	116100	13.003	17.673	29.638	2790.109	3244.126	1.713	2.206	358.409	1	14.752
2/9/2018 6:20	116400	13.004	17.673	29.641	2792.494	3246.886	1.715	2.208	358.103	1	14.752
2/9/2018 6:25	116700	13.005	17.673	29.643	2791.862	3246.165	1.714	2.207	358.184	1	14.752
2/9/2018 6:30	117000	13.005	17.673	29.644	2791.98	3246.315	1.715	2.207	358.169	1	14.752
2/9/2018 6:35	117300	13.007	17.673	29.647	2792.853	3247.229	1.715	2.208	358.057	1	14.753
2/9/2018 6:40	117600	13.008	17.673	29.65	2792.759	3247.194	1.715	2.208	358.069	1	14.75
2/9/2018 6:45	117900	13.011	17.673	29.657	2791.678	3245.933	1.714	2.207	358.207	1	14.748
2/9/2018 6:50	118200	13.007	17.673	29.647	2792.112	3246.442	1.715	2.208	358.152	1	14.75
2/9/2018 6:55	118500	13.009	17.673	29.65	2792.43	3246.812	1.715	2.208	358.111	1	14.752
2/9/2018 7:00	118800	13.008	17.673	29.649	2790.225	3244.243	1.713	2.206	358.394	1	14.754
2/9/2018 7:05	119100	13.005	17.673	29.645	2792.501	3246.895	1.715	2.208	358.102	1	14.756
2/9/2018 7:10	119400	13.006	17.673	29.645	2792.825	3247.271	1.715	2.208	358.06	1	14.758
2/9/2018 7:15	119700	13.004	17.673	29.641	2792.875	3247.343	1.715	2.208	358.054	1	14.76
2/9/2018 7:20	120000	13.004	17.673	29.64	2792.343	3246.736	1.715	2.208	358.122	1	14.762
2/9/2018 7:25	120300	13.004	17.673	29.64	2792.279	3246.643	1.715	2.208	358.13	1	14.763
2/9/2018 7:30	120600	13.003	17.673	29.638	2793.4	3247.946	1.715	2.209	357.987	1	14.765
2/9/2018 7:35	120900	13.004	17.673	29.64	2793.044	3247.525	1.715	2.208	358.032	1	14.766
2/9/2018 7:40	121200	13.005	17.673	29.642	2792.698	3247.143	1.715	2.208	358.077	1	14.765
2/9/2018 7:45	121500	13.006	17.673	29.646	2793.315	3247.848	1.715	2.209	357.998	1	14.765
2/9/2018 7:50	121800	13.006	17.673	29.646	2793.762	3248.368	1.716	2.209	357.94	1	14.764
2/9/2018 7:55	122100	13.007	17.673	29.647	2793.697	3248.299	1.716	2.209	357.949	1	14.763
2/9/2018 8:00	122400	13.009	17.673	29.651	2794.14	3248.807	1.716	2.209	357.892	1	14.762
2/9/2018 8:05	122700	13.008	17.673	29.649	2793.88	3248.421	1.716	2.209	357.934	1	14.765
2/9/2018 8:10	123000	13.004	17.673	29.639	2793.471	3248.01	1.715	2.209	357.978	1	14.768
2/9/2018 8:15	123300	13.001	17.673	29.634	2793.993	3248.648	1.716	2.209	357.911	1	14.771
2/9/2018 8:20											

2/9/2018 18:35	160500	13.003	17.673	29.639	2799.812	3255.408	1.72	2.214	357.167	1	14.723
2/9/2018 18:40	160800	13.004	17.672	29.64	2799.545	3255.129	1.719	2.213	357.201	1	14.724
2/9/2018 18:45	161100	13.001	17.673	29.634	2799.896	3255.488	1.72	2.214	357.156	1	14.725
2/9/2018 18:50	161400	13.004	17.673	29.641	2800.017	3255.64	1.72	2.214	357.141	1	14.723
2/9/2018 18:55	161700	13.006	17.673	29.644	2799.021	3254.475	1.719	2.213	357.268	1	14.722
2/9/2018 19:00	162000	13.005	17.673	29.643	2799.256	3254.73	1.719	2.213	357.238	1	14.721
2/9/2018 19:05	162300	13.005	17.673	29.642	2799.71	3255.114	1.721	2.214	357.177	1	14.722
2/9/2018 19:10	162600	13.006	17.673	29.646	2800.412	3256.112	1.72	2.214	357.09	1	14.722
2/9/2018 19:15	162900	13.004	17.672	29.639	2800.332	3256.051	1.72	2.214	357.101	1	14.723
2/9/2018 19:20	163200	13.005	17.673	29.643	2799.868	3255.48	1.72	2.214	357.16	1	14.723
2/9/2018 19:25	163500	13.004	17.672	29.641	2797.803	3253.091	1.718	2.212	357.423	1	14.724
2/9/2018 19:30	163800	13.004	17.673	29.64	2800.528	3256.222	1.72	2.214	357.076	1	14.725
2/9/2018 19:35	164100	13.003	17.673	29.638	2800.705	3256.465	1.721	2.214	357.053	1	14.725
2/9/2018 19:40	164400	13.005	17.672	29.642	2800.161	3255.833	1.72	2.214	357.122	1	14.724
2/9/2018 19:45	164700	13.006	17.673	29.644	2801.288	3257.118	1.721	2.215	356.979	1	14.724
2/9/2018 19:50	165000	13.005	17.673	29.643	2800.29	3255.951	1.72	2.214	357.106	1	14.725
2/9/2018 19:55	165300	13.004	17.673	29.64	2801.463	3257.328	1.721	2.215	356.956	1	14.726
2/9/2018 20:00	165600	13.004	17.673	29.639	2801.277	3257.093	1.721	2.215	356.98	1	14.727
2/9/2018 20:05	165900	13.004	17.673	29.639	2800.932	3256.723	1.72	2.215	357.024	1	14.727
2/9/2018 20:10	166200	13.005	17.672	29.642	2800.6	3256.363	1.72	2.214	357.066	1	14.727
2/9/2018 20:15	166500	13.005	17.673	29.642	2801.397	3257.251	1.721	2.215	356.965	1	14.728
2/9/2018 20:20	166800	13.006	17.673	29.644	2801.033	3256.814	1.72	2.215	357.011	1	14.726
2/9/2018 20:25	167100	13.007	17.673	29.647	2801.914	3257.852	1.721	2.215	356.899	1	14.725
2/9/2018 20:30	167400	13.007	17.673	29.646	2801.387	3257.253	1.721	2.215	356.966	1	14.724
2/9/2018 20:35	167700	13.006	17.673	29.644	2802.567	3258.74	1.721	2.216	356.803	1	14.723
2/9/2018 20:40	168000	13.005	17.672	29.643	2802.758	3258.865	1.722	2.216	356.791	1	14.723
2/9/2018 20:45	168300	13.005	17.673	29.642	2802.17	3258.112	1.721	2.216	356.866	1	14.723
2/9/2018 20:50	168600	13.005	17.673	29.642	2802.991	3259.08	1.722	2.216	356.762	1	14.722
2/9/2018 20:55	168900	13.007	17.673	29.648	2802.354	3258.364	1.721	2.216	356.843	1	14.721
2/9/2018 21:00	169200	13.008	17.673	29.649	2803.143	3259.281	1.722	2.216	356.742	1	14.72
2/9/2018 21:05	169500	13.009	17.673	29.652	2802.29	3258.289	1.721	2.216	356.851	1	14.721
2/9/2018 21:10	169800	13.007	17.673	29.648	2802.415	3258.448	1.721	2.216	356.835	1	14.72
2/9/2018 21:15	170100	13.009	17.673	29.652	2802.551	3258.593	1.721	2.216	356.818	1	14.72
2/9/2018 21:20	170400	13.005	17.673	29.643	2802.839	3258.902	1.722	2.216	356.781	1	14.721
2/9/2018 21:25	170700	13.004	17.673	29.64	2803.525	3259.725	1.722	2.217	356.694	1	14.722
2/9/2018 21:30	171000	13.003	17.673	29.638	2803.179	3259.317	1.722	2.216	356.738	1	14.724
2/9/2018 21:35	171300	13.005	17.673	29.643	2803.757	3260.048	1.722	2.217	356.664	1	14.724
2/9/2018 21:40	171600	13.008	17.673	29.65	2803.413	3259.608	1.722	2.217	356.708	1	14.719
2/9/2018 21:45	171900	13.008	17.673	29.65	2803.453	3259.628	1.722	2.217	356.703	1	14.717
2/9/2018 21:50	172200	13.008	17.673	29.65	2803.379	3259.537	1.722	2.216	356.712	1	14.718
2/9/2018 21:55	172500	13.006	17.673	29.645	2803.668	3259.885	1.722	2.217	356.676	1	14.72
2/9/2018 22:00	172800	13.004	17.673	29.641	2804.25	3260.568	1.722	2.217	356.602	1	14.721
2/9/2018 22:05	173100	13.005	17.673	29.641	2801.85	3257.75	1.721	2.215	356.907	1	14.722
2/9/2018 22:10	173400	13.003	17.673	29.638	2803.829	3260.085	1.722	2.217	356.655	1	14.722
2/9/2018 22:15	173700	13.003	17.673	29.638	2803.979	3260.247	1.722	2.217	356.636	1	14.722
2/9/2018 22:20	174000	13.007	17.672	29.647	2804.029	3260.343	1.722	2.217	356.63	1	14.721
2/9/2018 22:25	174300	13.007	17.673	29.648	2804.058	3260.332	1.722	2.217	356.626	1	14.719
2/9/2018 22:30	174600	13.009	17.673	29.651	2804.172	3260.472	1.722	2.217	356.611	1	14.718
2/9/2018 22:35	174900	13.006	17.673	29.644	2805.482	3261.604	1.721	2.216	356.839	1	14.720
2/9/2018 22:40	175200	13.003	17.673	29.638	2805.106	3261.551	1.723	2.218	356.493	1	14.723
2/9/2018 22:45	175500	13	17.672	29.63	2804.857	3261.293	1.723	2.218	356.524	1	14.726
2/9/2018 22:50	175800	13	17.673	29.63	2804.613	3260.953	1.723	2.217	356.555	1	14.725
2/9/2018 22:55	176100	13.001	17.673	29.634	2805.488	3262.013	1.723	2.218	356.444	1	14.724
2/9/2018 23:00	176400	13.002	17.673	29.635	2805.131	3261.592	1.723	2.218	356.49	1	14.723
2/9/2018 23:05	176700	13.004	17.673	29.64	2805.785	3262.354	1.723	2.218	356.406	1	14.721
2/9/2018 23:10	177000	13.004	17.673	29.64	2806.076	3262.698	1.724	2.219	356.37	1	14.72
2/9/2018 23:15	177300	13.005	17.672	29.643	2804.755	3261.194	1.723	2.218	356.537	1	14.719
2/9/2018 23:20	177600	13.005	17.673	29.642	2805.26	3261.736	1.723	2.218	356.473	1	14.721
2/9/2018 23:25	177900	13.001	17.673	29.633	2805.697	3262.232	1.723	2.218	356.418	1	14.724
2/9/2018 23:30	178200	12.999	17.673	29.629	2806.203	3262.813	1.724	2.219	356.353	1	14.726
2/9/2018 23:35	178500	13.002	17.673	29.635	2805.466	3261.976	1.723	2.218	356.447	1	14.725
2/9/2018 23:40	178800	13.003	17.673	29.638	2805.572	3262.597	1.723	2.217	356.688	1	14.724
2/9/2018 23:45	179100	13.003	17.673	29.639	2806.376	3263.034	1.724	2.219	356.331	1	14.722
2/9/2018 23:50	179400	13.003	17.673	29.638	2805.703	3262.244	1.723	2.218	356.417	1	14.721
2/9/2018 23:55	179700	13.005	17.673	29.642	2806.053	3262.651	1.724	2.219	356.372	1	14.719
2/10/2018 0:00	180000	13.007	17.673	29.648	2805.623	3262.165	1.723	2.218	356.427	1	14.717
2/10/2018 0:05	180300	13.006	17.673	29.645	2806.553	3263.252	1.724	2.219	356.309	1	14.718
2/10/2018 0:10	180600	13.005	17.672	29.636	2805.851	3262.455	1.724	2.218	356.398	1	14.720
2/10/2018 0:15	180900	13.002	17.673	29.635	2806.612	3263.315	1.724	2.219	356.301	1	14.721
2/10/2018 0:20	181200	13.002	17.673	29.635	2805.955	3262.538	1.724	2.219	356.385	1	14.718
2/10/2018 0:25	181500	13.004	17.673	29.64	2807.149	3263.926	1.724	2.219	356.233	1	14.716
2/10/2018 0:30	181800	13.008	17.673	29.65	2806.536	3263.213	1.724	2.219	356.311	1	14.713
2/10/2018 0:35	182100	13.008	17.672	29.648	2806.691	3263.432	1.724	2.219	356.291	1	14.715
2/10/2018 0:40	182400	13.006	17.673	29.646	2807.323	3264.14	1.724	2.22	356.211	1	14.717
2/10/2018 0:45	182700	13.004	17.673	29.64	2807.398	3264.235	1.725	2.22	356.202	1	14.719
2/10/2018 0:50	183000	13.005	17.673	29.642	2807.624	3264.478	1.725	2.22	356.173	1	14.717
2/10/2018 0:55	183300	13.006	17.672	29.645	2807.027	3263.816	1.724	2.219	356.249	1	14.716
2/10/2018 1:00	183600	13.008	17.673	29.649	2807.401	3264.238	1.725	2.22	356.201	1	14.715
2/10/2018 1:05	183900	13.005	17.673	29.642	2808.01	3264.94	1.725	2.22	356.124	1	14.717
2/10/2018 1:10	184200	13.001	17.673	29.633	2807.217	3264.013	1.724	2.22	356.225	1	14.719
2/10/2018 1:15	184500	12.999	17.673	29.629	2807.381	3264.209	1.725	2.22	356.204	1	14.721
2/10/2018 1:20	184800	13.001	17.672	29.633	2807.742	3264.66	1.725	2.22	356.158	1	14.719
2/10/2018 1:25	185100	13.003	17.673	29.637	2807.142	3263.925	1.724	2.219	356.234	1	14.717
2/10/2018 1:30	185400	13.007	17.673	29.646	2808.042	3264.952	1.725	2.22	356.12	1	14.716
2/10/2018 1:35	185700	13.004	17.673	29.641	2808.144	3265.09	1.725	2.22	356.107	1	14.717
2/10/2018 1:40	186000	13.005	17.673	29.642	2807.406	3265.232	1.725	2.22	356.201	1	14.718
2/10/2018 1:45	186300	13.004	17.673	29.64	2808.434	3265.414	1.725	2.22	356.07	1	14.719
2/10/2018 1:50	186600	13.007	17.673	29.648	2810.948	3268					

2/10/2018 12:10	223800	13.028	17.672	29.696	2858.709	3323.932	1.758	2.26	349.808	1	14.712
2/10/2018 12:15	224100	13.026	17.672	29.691	2856.982	3321.946	1.757	2.259	350.02	1	14.712
2/10/2018 12:20	224400	13.027	17.672	29.693	2856.642	3321.525	1.757	2.259	350.061	1	14.709
2/10/2018 12:25	224700	13.031	17.672	29.701	2855.623	3320.327	1.756	2.258	350.186	1	14.706
2/10/2018 12:30	225000	13.031	17.672	29.702	2855.217	3319.868	1.756	2.258	350.236	1	14.703
2/10/2018 12:35	225300	13.033	17.672	29.706	2854.871	3319.465	1.755	2.257	350.279	1	14.701
2/10/2018 12:40	225600	13.032	17.672	29.704	2853.906	3318.37	1.755	2.256	350.317	1	14.698
2/10/2018 12:45	225900	13.033	17.672	29.707	2853.306	3317.639	1.754	2.256	350.471	1	14.696
2/10/2018 12:50	226200	13.035	17.672	29.71	2851.572	3315.661	1.753	2.255	350.684	1	14.693
2/10/2018 12:55	226500	13.037	17.672	29.714	2851.672	3315.76	1.753	2.255	350.671	1	14.69
2/10/2018 13:00	226800	13.037	17.672	29.716	2851.036	3314.993	1.753	2.254	350.75	1	14.687
2/10/2018 13:05	227100	13.038	17.672	29.717	2849.785	3313.558	1.752	2.253	350.804	1	14.688
2/10/2018 13:10	227400	13.034	17.672	29.708	2849.35	3313.287	1.752	2.253	350.934	1	14.689
2/10/2018 13:15	227700	13.032	17.672	29.705	2847.83	3311.271	1.751	2.252	351.145	1	14.69
2/10/2018 13:20	228000	13.034	17.672	29.708	2848.298	3311.849	1.751	2.252	351.087	1	14.687
2/10/2018 13:25	228300	13.036	17.672	29.712	2846.754	3310.008	1.75	2.251	351.277	1	14.684
2/10/2018 13:30	228600	13.04	17.672	29.722	2845.821	3308.935	1.75	2.25	351.392	1	14.68
2/10/2018 13:35	228900	13.038	17.672	29.717	2845.173	3308.215	1.749	2.25	351.472	1	14.681
2/10/2018 13:40	229200	13.036	17.672	29.714	2845.265	3308.289	1.749	2.25	351.461	1	14.681
2/10/2018 13:45	229500	13.035	17.672	29.71	2843.9	3306.69	1.748	2.249	351.63	1	14.682
2/10/2018 13:50	229800	13.039	17.672	29.72	2843.791	3306.602	1.748	2.248	351.643	1	14.681
2/10/2018 13:55	230100	13.038	17.672	29.717	2843.265	3305.984	1.748	2.248	351.708	1	14.68
2/10/2018 14:00	230400	13.039	17.672	29.72	2842.377	3304.964	1.747	2.247	351.818	1	14.678
2/10/2018 14:05	230700	13.037	17.672	29.716	2841.634	3304.1	1.747	2.247	351.91	1	14.679
2/10/2018 14:10	231000	13.038	17.672	29.717	2841.021	3303.374	1.746	2.246	351.986	1	14.68
2/10/2018 14:15	231300	13.035	17.672	29.71	2840.156	3302.343	1.746	2.246	352.093	1	14.68
2/10/2018 14:20	231600	13.035	17.672	29.711	2840.069	3302.255	1.746	2.246	352.104	1	14.681
2/10/2018 14:25	231900	13.032	17.672	29.704	2839.513	3301.614	1.745	2.245	352.173	1	14.682
2/10/2018 14:30	232200	13.033	17.672	29.706	2837.818	3299.631	1.744	2.244	352.383	1	14.682
2/10/2018 14:35	232500	13.035	17.672	29.71	2837.216	3298.924	1.744	2.243	352.458	1	14.679
2/10/2018 14:40	232800	13.038	17.672	29.719	2836.482	3298.083	1.743	2.243	352.549	1	14.676
2/10/2018 14:45	233100	13.041	17.672	29.725	2836.182	3297.735	1.743	2.242	352.587	1	14.673
2/10/2018 14:50	233400	13.042	17.672	29.728	2835.771	3297.245	1.743	2.242	352.638	1	14.671
2/10/2018 14:55	233700	13.044	17.672	29.731	2834.747	3296.066	1.742	2.241	352.765	1	14.668
2/10/2018 15:00	234000	13.045	17.672	29.732	2835.084	3296.458	1.743	2.242	352.723	1	14.666
2/10/2018 15:05	234300	13.042	17.672	29.727	2834.003	3295.195	1.742	2.241	352.858	1	14.669
2/10/2018 15:10	234600	13.037	17.672	29.715	2832.695	3293.719	1.741	2.24	353.021	1	14.671
2/10/2018 15:15	234900	13.035	17.672	29.711	2833.102	3294.153	1.741	2.24	352.97	1	14.676
2/10/2018 15:20	235200	13.037	17.673	29.716	2833.294	3294.351	1.741	2.24	352.946	1	14.674
2/10/2018 15:25	235500	13.038	17.672	29.718	2833.908	3295.072	1.742	2.241	352.87	1	14.673
2/10/2018 15:30	235800	13.038	17.672	29.719	2835.135	3296.499	1.743	2.242	352.717	1	14.672
2/10/2018 15:35	236100	13.039	17.672	29.719	2837.526	3299.291	1.744	2.244	352.42	1	14.672
2/10/2018 15:40	236400	13.039	17.672	29.72	2839.598	3301.688	1.745	2.245	352.162	1	14.672
2/10/2018 15:45	236700	13.039	17.673	29.719	2842.123	3304.61	1.747	2.247	351.85	1	14.672
2/10/2018 15:50	237000	13.038	17.673	29.717	2845.146	3308.094	1.749	2.25	351.476	1	14.674
2/10/2018 15:55	237300	13.034	17.673	29.709	2847.911	3311.327	1.751	2.252	351.135	1	14.676
2/10/2018 16:00	237600	13.035	17.672	29.711	2850.548	3314.419	1.753	2.254	350.81	1	14.677
2/10/2018 16:05	237900	13.036	17.673	29.712	2853.09	3317.35	1.754	2.256	350.497	1	14.676
2/10/2018 16:10	238200	13.037	17.673	29.716	2856.867	3321.721	1.757	2.259	350.034	1	14.676
2/10/2018 16:15	238500	13.039	17.673	29.72	2858.723	3323.899	1.758	2.26	349.807	1	14.673
2/10/2018 16:20	238800	13.039	17.673	29.721	2861.561	3327.199	1.76	2.262	349.46	1	14.673
2/10/2018 16:25	239100	13.039	17.673	29.72	2864.015	3330.059	1.761	2.264	349.16	1	14.673
2/10/2018 16:30	239400	13.04	17.673	29.722	2867.227	3333.755	1.763	2.267	348.769	1	14.673
2/10/2018 16:35	239700	13.039	17.673	29.72	2869.478	3336.397	1.765	2.269	348.495	1	14.674
2/10/2018 16:40	240000	13.038	17.673	29.718	2870.943	3338.069	1.766	2.27	348.318	1	14.675
2/10/2018 16:45	240300	13.038	17.673	29.718	2872.511	3339.892	1.767	2.272	348.127	1	14.677
2/10/2018 16:50	240600	13.039	17.673	29.72	2874.133	3341.778	1.768	2.272	347.931	1	14.678
2/10/2018 16:55	240900	13.038	17.673	29.718	2876.157	3344.144	1.769	2.274	347.686	1	14.678
2/10/2018 17:00	241200	13.039	17.673	29.72	2876.646	3344.699	1.77	2.274	347.627	1	14.679
2/10/2018 17:05	241500	13.037	17.673	29.715	2878.377	3346.725	1.771	2.276	347.418	1	14.678
2/10/2018 17:10	241800	13.038	17.674	29.718	2879.143	3347.589	1.771	2.276	347.326	1	14.676
2/10/2018 17:15	242100	13.039	17.674	29.721	2879.427	3347.907	1.771	2.277	347.291	1	14.675
2/10/2018 17:20	242400	13.042	17.673	29.727	2880.47	3349.165	1.772	2.277	347.166	1	14.676
2/10/2018 17:25	242700	13.041	17.674	29.725	2881.846	3350.733	1.773	2.278	347	1	14.676
2/10/2018 17:30	243000	13.041	17.674	29.725	2882.61	3351.608	1.773	2.279	346.908	1	14.677
2/10/2018 17:35	243300	13.04	17.673	29.722	2882.431	3351.445	1.773	2.279	346.929	1	14.677
2/10/2018 17:40	243600	13.041	17.674	29.724	2882.811	3351.843	1.774	2.279	346.884	1	14.677
2/10/2018 17:45	243900	13.042	17.673	29.726	2884.011	3353.263	1.774	2.28	346.739	1	14.679
2/10/2018 17:50	244200	13.039	17.673	29.72	2883.317	3352.469	1.774	2.278	346.823	1	14.678
2/10/2018 17:55	244500	13.04	17.674	29.721	2884.77	3354.1	1.775	2.281	346.648	1	14.678
2/10/2018 18:00	244800	13.042	17.673	29.726	2884.292	3353.596	1.775	2.28	346.706	1	14.679
2/10/2018 18:05	245100	13.041	17.673	29.725	2884.651	3354.014	1.775	2.281	346.662	1	14.679
2/10/2018 18:10	245400	13.041	17.674	29.725	2885.69	3355.189	1.775	2.282	346.538	1	14.679
2/10/2018 18:15	245700	13.043	17.674	29.73	2885.363	3354.816	1.775	2.281	346.577	1	14.679
2/10/2018 18:20	246000	13.042	17.673	29.726	2885.487	3354.972	1.775	2.281	346.562	1	14.681
2/10/2018 18:25	246300	13.038	17.674	29.719	2885.929	3355.479	1.776	2.282	346.509	1	14.683
2/10/2018 18:30	246600	13.039	17.674	29.719	2885.842	3355.359	1.775	2.282	346.519	1	14.685
2/10/2018 18:35	246900	13.04	17.674	29.721	2886.121	3355.697	1.776	2.282	346.486	1	14.683
2/10/2018 18:40	247200	13.045	17.674	29.733	2886.351	3355.951	1.776	2.282	346.458	1	14.681
2/10/2018 18:45	247500	13.047	17.674	29.739	2887.631	3357.446	1.777	2.283	346.305	1	14.679
2/10/2018 18:50	247800	13.047	17.674	29.737	2886.997	3356.683	1.776	2.283	346.381	1	14.678
2/10/2018 18:55	248100	13.047	17.674	29.738	2886.706	3356.364	1.776	2.282	346.416	1	14.678
2/10/2018 19:00	248400	13.05	17.674	29.745	2886.902	3356.586	1.776	2.282	346.392	1	14.678
2/10/2018 19:05	248700	13.046	17.673	29.735	2887.511	3357.34	1.777	2.283	346.319	1	14.682
2/10/2018 19:10	249000	13.044	17.674	29.732	2888.337	3358.279	1.777	2.284	346.22	1	14.686
2/10/2018 19:15	249300	13.039	17.674	29.719	2888.065	3358.624	1.777	2.284	346.188	1	14.687
2/10/2018 19:20	249600	13.041	17.674	29.724	2888.244	3358.171	1.777	2.284	346.231	1	14.68

2/11/2018 5:45	287100	13.067	17.674	29.783	2902.331	3374.55	1.786	2.295	344.551	1	14.713
2/11/2018 5:50	287400	13.069	17.673	29.789	2902.351	3374.606	1.786	2.295	344.548	1	14.708
2/11/2018 5:55	287700	13.074	17.673	29.8	2902.66	3374.946	1.786	2.295	344.512	1	14.704
2/11/2018 6:00	288000	13.079	17.674	29.81	2903.513	3375.918	1.787	2.296	344.41	1	14.7
2/11/2018 6:05	288300	13.077	17.673	29.806	2903.465	3375.876	1.787	2.296	344.416	1	14.703
2/11/2018 6:10	288600	13.077	17.673	29.807	2903.177	3375.555	1.787	2.295	344.45	1	14.706
2/11/2018 6:15	288900	13.077	17.674	29.807	2903.053	3375.367	1.787	2.295	344.465	1	14.708
2/11/2018 6:20	289200	13.079	17.673	29.812	2903.103	3375.475	1.787	2.295	344.459	1	14.707
2/11/2018 6:25	289500	13.082	17.673	29.817	2903.683	3376.136	1.787	2.296	344.39	1	14.706
2/11/2018 6:30	289800	13.08	17.673	29.814	2904.442	3377.012	1.788	2.296	344.3	1	14.705
2/11/2018 6:35	290100	13.078	17.674	29.809	2903.672	3376.109	1.787	2.296	344.392	1	14.708
2/11/2018 6:40	290400	13.074	17.673	29.801	2903.601	3376.06	1.787	2.296	344.4	1	14.711
2/11/2018 6:45	290700	13.073	17.678	29.798	2903.928	3376.44	1.787	2.296	344.36	1	14.714
2/11/2018 6:50	291000	13.076	17.673	29.803	2904.143	3376.67	1.787	2.296	344.336	1	14.714
2/11/2018 6:55	291300	13.076	17.673	29.805	2904.441	3377.03	1.788	2.296	344.3	1	14.714
2/11/2018 7:00	291600	13.079	17.673	29.811	2904.374	3376.946	1.788	2.296	344.308	1	14.713
2/11/2018 7:05	291900	13.076	17.673	29.803	2904.912	3377.584	1.788	2.297	344.244	1	14.713
2/11/2018 7:10	292200	13.075	17.673	29.802	2904.443	3377.039	1.788	2.296	344.3	1	14.712
2/11/2018 7:15	292500	13.075	17.673	29.803	2905.297	3378.039	1.788	2.297	344.199	1	14.712
2/11/2018 7:20	292800	13.073	17.673	29.796	2904.383	3376.963	1.788	2.296	344.307	1	14.713
2/11/2018 7:25	293100	13.072	17.673	29.795	2904.98	3377.651	1.788	2.297	344.236	1	14.715
2/11/2018 7:30	293400	13.069	17.673	29.788	2905.818	3378.625	1.789	2.297	344.137	1	14.716
2/11/2018 7:35	293700	13.072	17.673	29.796	2905.723	3378.539	1.788	2.297	344.148	1	14.715
2/11/2018 7:40	294000	13.076	17.673	29.804	2904.957	3377.61	1.788	2.297	344.239	1	14.713
2/11/2018 7:45	294300	13.077	17.673	29.806	2905.417	3378.184	1.788	2.297	344.185	1	14.711
2/11/2018 7:50	294600	13.078	17.673	29.808	2905.593	3378.35	1.788	2.297	344.164	1	14.71
2/11/2018 7:55	294900	13.082	17.674	29.817	2905.5	3378.234	1.788	2.297	344.175	1	14.708
2/11/2018 8:00	295200	13.083	17.673	29.821	2906.13	3379	1.789	2.298	344.1	1	14.707
2/11/2018 8:05	295500	13.08	17.673	29.814	2905.646	3378.437	1.788	2.297	344.158	1	14.71
2/11/2018 8:10	295800	13.076	17.673	29.803	2905.784	3378.572	1.788	2.297	344.141	1	14.713
2/11/2018 8:15	296100	13.075	17.673	29.795	2905.779	3378.586	1.788	2.297	344.142	1	14.717
2/11/2018 8:20	296400	13.074	17.673	29.801	2905.23	3377.961	1.788	2.297	344.207	1	14.717
2/11/2018 8:25	296700	13.073	17.673	29.798	2905.857	3378.663	1.789	2.297	344.133	1	14.717
2/11/2018 8:30	297000	13.073	17.673	29.798	2905.709	3378.499	1.788	2.297	344.15	1	14.717
2/11/2018 8:35	297300	13.077	17.673	29.807	2906.312	3379.191	1.789	2.298	344.079	1	14.715
2/11/2018 8:40	297600	13.084	17.674	29.822	2907.114	3380.106	1.789	2.298	343.984	1	14.713
2/11/2018 8:45	297900	13.089	17.673	29.824	2907.034	3380.209	1.789	2.298	343.901	1	14.711
2/11/2018 8:50	298200	13.084	17.673	29.823	2905.997	3378.82	1.789	2.298	344.116	1	14.715
2/11/2018 8:55	298500	13.08	17.673	29.813	2906.399	3379.301	1.789	2.298	344.068	1	14.719
2/11/2018 9:00	298800	13.072	17.673	29.796	2906.724	3379.665	1.789	2.298	344.03	1	14.724
2/11/2018 9:05	299100	13.076	17.673	29.805	2906.821	3379.81	1.789	2.298	344.018	1	14.72
2/11/2018 9:10	299400	13.081	17.673	29.816	2907.484	3380.548	1.79	2.299	343.94	1	14.716
2/11/2018 9:15	299700	13.085	17.673	29.826	2908.069	3381.249	1.79	2.299	343.893	1	14.713
2/11/2018 9:20	300000	13.085	17.673	29.824	2907.875	3381.017	1.79	2.299	343.894	1	14.713
2/11/2018 9:25	300300	13.083	17.673	29.821	2907.171	3380.205	1.789	2.299	343.977	1	14.713
2/11/2018 9:30	300600	13.084	17.674	29.823	2907.621	3380.682	1.79	2.299	343.924	1	14.714
2/11/2018 9:35	300900	13.083	17.673	29.82	2907.512	3380.582	1.79	2.299	343.937	1	14.714
2/11/2018 9:40	301200	13.082	17.673	29.818	2907.709	3380.856	1.79	2.299	343.913	1	14.714
2/11/2018 9:45	301500	13.086	17.673	29.815	2908.253	3381.585	1.79	2.299	343.837	1	14.715
2/11/2018 9:50	301800	13.085	17.673	29.825	2908.463	3381.719	1.79	2.3	343.824	1	14.714
2/11/2018 9:55	302100	13.082	17.673	29.817	2908.744	3382.02	1.79	2.3	343.791	1	14.714
2/11/2018 10:00	302400	13.084	17.674	29.822	2908.165	3381.334	1.79	2.299	343.859	1	14.714
2/11/2018 10:05	302700	13.083	17.674	29.821	2908.337	3381.533	1.79	2.299	343.839	1	14.714
2/11/2018 10:10	303000	13.081	17.674	29.815	2908.407	3381.615	1.79	2.299	343.831	1	14.714
2/11/2018 10:15	303300	13.081	17.673	29.816	2908.756	3382.047	1.79	2.3	343.79	1	14.715
2/11/2018 10:20	303600	13.08	17.673	29.814	2908.776	3382.077	1.79	2.3	343.787	1	14.714
2/11/2018 10:25	303900	13.082	17.674	29.818	2908.367	3381.562	1.79	2.299	343.836	1	14.713
2/11/2018 10:30	304200	13.084	17.673	29.823	2908.71	3381.981	1.79	2.3	343.795	1	14.712
2/11/2018 10:35	304500	13.083	17.673	29.82	2909.397	3382.779	1.791	2.3	343.714	1	14.714
2/11/2018 10:40	304800	13.081	17.673	29.816	2909.71	3383.137	1.791	2.301	343.677	1	14.715
2/11/2018 10:45	305100	13.078	17.673	29.808	2909.152	3382.514	1.791	2.3	343.743	1	14.717
2/11/2018 10:50	305400	13.078	17.673	29.809	2909.437	3382.819	1.791	2.3	343.709	1	14.719
2/11/2018 10:55	305700	13.077	17.673	29.807	2909.574	3382.999	1.791	2.3	343.693	1	14.718
2/11/2018 11:00	306000	13.077	17.674	29.807	2910.359	3383.884	1.791	2.301	343.6	1	14.719
2/11/2018 11:05	306300	13.079	17.674	29.81	2910.221	3383.719	1.791	2.301	343.616	1	14.72
2/11/2018 11:10	306600	13.078	17.673	29.808	2910.046	3383.554	1.791	2.301	343.637	1	14.72
2/11/2018 11:15	306900	13.076	17.673	29.804	2910.619	3384.213	1.792	2.301	343.57	1	14.72
2/11/2018 11:20	307200	13.077	17.673	29.807	2910.332	3383.869	1.791	2.301	343.603	1	14.716
2/11/2018 11:25	307500	13.081	17.673	29.816	2910.944	3384.597	1.792	2.302	343.531	1	14.713
2/11/2018 11:30	307800	13.087	17.674	29.828	2910.29	3383.803	1.791	2.301	343.608	1	14.709
2/11/2018 11:35	308100	13.088	17.673	29.831	2909.932	3383.415	1.791	2.301	343.651	1	14.709
2/11/2018 11:40	308400	13.084	17.673	29.824	2910.511	3384.081	1.792	2.301	343.582	1	14.71
2/11/2018 11:45	308700	13.084	17.674	29.822	2910.186	3383.677	1.791	2.301	343.621	1	14.71
2/11/2018 11:50	309000	13.083	17.673	29.82	2910.711	3384.266	1.792	2.301	343.559	1	14.711
2/11/2018 11:55	309300	13.084	17.673	29.822	2910.594	3384.17	1.792	2.301	343.573	1	14.711
2/11/2018 12:00	309600	13.079	17.673	29.811	2911.965	3385.759	1.793	2.302	343.411	1	14.711
2/11/2018 12:05	309900	13.079	17.673	29.811	2911.235	3384.916	1.792	2.302	343.497	1	14.708
2/11/2018 12:10	310200	13.08	17.674	29.813	2912.226	3386.043	1.793	2.303	343.38	1	14.706
2/11/2018 12:15	310500	13.082	17.674	29.817	2912.437	3386.3	1.793	2.303	343.355	1	14.704
2/11/2018 12:20	310800	13.084	17.673	29.822	2911.454	3385.128	1.792	2.302	343.471	1	14.701
2/11/2018 12:25	311100	13.086	17.673	29.827	2911.912	3385.723	1.792	2.302	343.417	1	14.701
2/11/2018 12:30	311400	13.083	17.673	29.82	2911.705	3385.456	1.792	2.302	343.441	1	14.7
2/11/2018 12:35	311700	13.082	17.673	29.819	2912.134	3385.975	1.793	2.302	343.391	1	14.698
2/11/2018 12:40	312000	13.083	17.673	29.82	2912.422	3386.304	1.793	2.303	343.357	1	14.696
2/11/2018 12:45	312300	13.08	17.673	29.814	2912.327	3386.219	1.793	2.303	343.368	1	14.695
2/11/2018 12:50	312600	13.082	17.673	29.818	2912.766	3386.834	1.793	2.303	343.323	1	14.697
2/11/2018 12:55	312900	13.083	17.673	29.821	2912.139	3385.981	1.793	2.302	343.39	1	14.7
2/11/2018 13:00	313200	13.084	17.673	29.822	2912.465						

2/11/2018 23:20	350400	13.1	17.673	29.86	2919.016	3393.983	1.797	2.308	342.581	1	14.675
2/11/2018 23:25	350700	13.1	17.673	29.859	2919.171	3394.164	1.797	2.308	342.563	1	14.676
2/11/2018 23:30	351000	13.1	17.673	29.858	2919.823	3394.955	1.798	2.309	342.486	1	14.677
2/11/2018 23:35	351300	13.099	17.673	29.856	2919.152	3394.135	1.797	2.308	342.565	1	14.678
2/11/2018 23:40	351600	13.097	17.673	29.853	2918.512	3393.397	1.797	2.308	342.64	1	14.679
2/11/2018 23:45	351900	13.096	17.673	29.849	2919.213	3394.206	1.797	2.308	342.558	1	14.679
2/11/2018 23:50	352200	13.097	17.673	29.851	2919.673	3394.651	1.798	2.308	342.508	1	14.678
2/11/2018 23:55	352500	13.099	17.673	29.856	2918.972	3393.939	1.797	2.308	342.586	1	14.677
2/12/2018 0:00	352800	13.099	17.673	29.856	2918.939	3393.9	1.797	2.308	342.59	1	14.676
2/12/2018 0:05	353100	13.098	17.673	29.854	2918.632	3393.511	1.797	2.308	342.626	1	14.677
2/12/2018 0:10	353400	13.098	17.673	29.854	2918.533	3393.429	1.797	2.308	342.638	1	14.677
2/12/2018 0:15	353700	13.099	17.673	29.856	2919.825	3394.69	1.798	2.308	342.51	1	14.678
2/12/2018 0:20	354000	13.098	17.673	29.855	2919.925	3395.053	1.798	2.309	342.474	1	14.677
2/12/2018 0:25	354300	13.1	17.673	29.859	2919.485	3394.528	1.797	2.308	342.526	1	14.677
2/12/2018 0:30	354600	13.101	17.673	29.861	2919.065	3394.06	1.797	2.308	342.575	1	14.677
2/12/2018 0:35	354900	13.101	17.673	29.862	2919.132	3394.105	1.797	2.308	342.568	1	14.675
2/12/2018 0:40	355200	13.102	17.673	29.863	2918.784	3393.707	1.797	2.308	342.608	1	14.674
2/12/2018 0:45	355500	13.105	17.673	29.869	2918.905	3393.867	1.797	2.308	342.594	1	14.673
2/12/2018 0:50	355800	13.104	17.673	29.867	2919.342	3394.275	1.797	2.308	342.543	1	14.673
2/12/2018 0:55	356100	13.103	17.673	29.866	2920.313	3395.503	1.798	2.309	342.429	1	14.673
2/12/2018 1:00	356400	13.104	17.674	29.867	2919.602	3394.632	1.797	2.308	342.512	1	14.673
2/12/2018 1:05	356700	13.103	17.673	29.867	2918.925	3393.871	1.797	2.308	342.592	1	14.675
2/12/2018 1:10	357000	13.102	17.673	29.863	2919.661	3394.733	1.798	2.308	342.506	1	14.676
2/12/2018 1:15	357300	13.1	17.673	29.859	2920.14	3395.31	1.798	2.309	342.449	1	14.678
2/12/2018 1:20	357600	13.101	17.673	29.862	2919.342	3394.382	1.797	2.308	342.543	1	14.678
2/12/2018 1:25	357900	13.101	17.673	29.861	2918.819	3393.748	1.797	2.308	342.604	1	14.679
2/12/2018 1:30	358200	13.1	17.673	29.859	2919.556	3394.585	1.797	2.308	342.518	1	14.679
2/12/2018 1:35	358500	13.102	17.674	29.863	2920.064	3395.168	1.798	2.309	342.458	1	14.677
2/12/2018 1:40	358800	13.103	17.673	29.865	2919.945	3395.071	1.798	2.309	342.472	1	14.675
2/12/2018 1:45	359100	13.106	17.673	29.873	2919.075	3394.064	1.797	2.308	342.574	1	14.673
2/12/2018 1:50	359400	13.099	17.673	29.857	2919.837	3394.947	1.798	2.309	342.485	1	14.677
2/12/2018 1:55	359700	13.094	17.673	29.846	2919.133	3394.125	1.797	2.308	342.568	1	14.682
2/12/2018 2:00	360000	13.089	17.673	29.835	2919.278	3394.275	1.797	2.308	342.551	1	14.687
2/12/2018 2:05	360300	13.096	17.673	29.85	2919.285	3394.29	1.797	2.308	342.55	1	14.683
2/12/2018 2:10	360600	13.099	17.672	29.857	2919.884	3395.038	1.798	2.309	342.479	1	14.679
2/12/2018 2:15	360900	13.102	17.673	29.862	2920.28	3395.446	1.798	2.309	342.433	1	14.676
2/12/2018 2:20	361200	13.103	17.673	29.866	2919.895	3395.495	1.798	2.309	342.478	1	14.676
2/12/2018 2:25	361500	13.103	17.673	29.866	2920.266	3395.436	1.798	2.309	342.435	1	14.675
2/12/2018 2:30	361800	13.103	17.673	29.866	2919.568	3394.645	1.797	2.308	342.516	1	14.675
2/12/2018 2:35	362100	13.105	17.673	29.87	2920.115	3395.254	1.798	2.309	342.452	1	14.675
2/12/2018 2:40	362400	13.104	17.673	29.868	2920.001	3395.116	1.798	2.309	342.466	1	14.674
2/12/2018 2:45	362700	13.104	17.673	29.868	2920.582	3395.803	1.798	2.309	342.398	1	14.673
2/12/2018 2:50	363000	13.102	17.673	29.864	2919.387	3394.464	1.797	2.308	342.538	1	14.674
2/12/2018 2:55	363300	13.102	17.673	29.864	2920.336	3395.525	1.798	2.309	342.428	1	14.675
2/12/2018 3:00	363600	13.102	17.673	29.863	2920.34	3395.563	1.798	2.309	342.426	1	14.675
2/12/2018 3:05	363900	13.1	17.673	29.859	2919.464	3394.504	1.797	2.308	342.529	1	14.676
2/12/2018 3:10	364200	13.1	17.673	29.859	2919.6	3394.695	1.798	2.308	342.513	1	14.676
2/12/2018 3:15	364500	13.098	17.673	29.855	2919.382	3394.441	1.797	2.308	342.538	1	14.676
2/12/2018 3:20	364800	13.101	17.673	29.861	2920.186	3395.383	1.798	2.309	342.444	1	14.676
2/12/2018 3:25	365100	13.102	17.673	29.863	2920.188	3395.386	1.798	2.309	342.444	1	14.673
2/12/2018 3:30	365400	13.103	17.672	29.865	2920.16	3395.366	1.798	2.309	342.447	1	14.672
2/12/2018 3:35	365700	13.101	17.672	29.861	2919.672	3394.792	1.798	2.308	342.504	1	14.671
2/12/2018 3:40	366000	13.1	17.672	29.86	2919.202	3394.272	1.797	2.308	342.559	1	14.671
2/12/2018 3:45	366300	13.1	17.672	29.859	2918.689	3393.656	1.797	2.308	342.62	1	14.671
2/12/2018 3:50	366600	13.1	17.672	29.858	2919.041	3394.092	1.797	2.308	342.578	1	14.671
2/12/2018 3:55	366900	13.099	17.672	29.856	2918.362	3393.295	1.797	2.307	342.658	1	14.674
2/12/2018 4:00	367200	13.098	17.672	29.854	2918.11	3393.022	1.797	2.307	342.688	1	14.671
2/12/2018 4:05	367500	13.1	17.672	29.859	2918.713	3393.711	1.797	2.308	342.617	1	14.669
2/12/2018 4:10	367800	13.103	17.672	29.865	2917.976	3392.872	1.796	2.307	342.703	1	14.668
2/12/2018 4:15	368100	13.104	17.672	29.867	2917.567	3392.397	1.796	2.307	342.751	1	14.67
2/12/2018 4:20	368400	13.102	17.672	29.864	2918.201	3393.134	1.797	2.307	342.677	1	14.669
2/12/2018 4:25	368700	13.102	17.672	29.864	2917.787	3392.654	1.796	2.307	342.73	1	14.67
2/12/2018 4:30	369000	13.098	17.671	29.855	2917.034	3391.804	1.796	2.306	342.814	1	14.672
2/12/2018 4:35	369300	13.099	17.672	29.857	2916.29	3390.912	1.795	2.306	342.901	1	14.67
2/12/2018 4:40	369600	13.1	17.671	29.858	2916.979	3391.74	1.796	2.306	342.82	1	14.669
2/12/2018 4:45	369900	13.103	17.672	29.866	2915.606	3390.137	1.795	2.305	342.982	1	14.668
2/12/2018 4:50	370200	13.102	17.672	29.863	2915.722	3390.259	1.795	2.305	342.968	1	14.668
2/12/2018 4:55	370500	13.099	17.671	29.856	2914.981	3389.417	1.795	2.305	343.055	1	14.665
2/12/2018 5:00	370800	13.1	17.671	29.859	2914.597	3388.9	1.794	2.305	343.101	1	14.667
2/12/2018 5:05	371100	13.098	17.672	29.855	2913.764	3387.975	1.794	2.304	343.199	1	14.669
2/12/2018 5:10	371400	13.099	17.672	29.857	2913.445	3387.624	1.794	2.304	343.236	1	14.67
2/12/2018 5:15	371700	13.095	17.671	29.849	2913.24	3387.406	1.793	2.303	343.26	1	14.672
2/12/2018 5:20	372000	13.097	17.671	29.852	2913.227	3387.383	1.793	2.303	343.262	1	14.671
2/12/2018 5:25	372300	13.1	17.671	29.858	2911.946	3385.927	1.793	2.302	343.313	1	14.67
2/12/2018 5:30	372600	13.101	17.671	29.861	2911.461	3385.337	1.792	2.302	343.47	1	14.669
2/12/2018 5:35	372900	13.101	17.671	29.861	2911.484	3385.37	1.792	2.302	343.467	1	14.67
2/12/2018 5:40	373200	13.101	17.671	29.862	2909.995	3383.658	1.791	2.301	343.643	1	14.671
2/12/2018 5:45	373500	13.101	17.671	29.861	2909.322	3382.85	1.791	2.3	343.723	1	14.671
2/12/2018 5:50	373800	13.101	17.671	29.862	2909.077	3382.565	1.791	2.3	343.752	1	14.672
2/12/2018 5:55	374100	13.101	17.671	29.861	2908.481	3381.861	1.79	2.3	343.822	1	14.672
2/12/2018 6:00	374400	13.101	17.671	29.86	2907.816	3381.1	1.79	2.299	343.901	1	14.672
2/12/2018 6:05	374700	13.102	17.672	29.863	2907.063	3380.197	1.789	2.299	343.99	1	14.672
2/12/2018 6:10	375000	13.1	17.671	29.86	2906.815	3379.968	1.789	2.298	344.019	1	14.672
2/12/2018 6:15	375300	13.103	17.671	29.865	2906.178	3379.187	1.789	2.298	344.095	1	14.672
2/12/2018 6:20	375600	13.102	17.671	29.863	2905.249	3378.134	1.788	2.297	344.205	1	14.672
2/12/2018 6:25	375900	13.102	17.671	29.864	2904.656	3377.424	1.788	2.297	344.275	1	14.673
2/12/2018 6:30	376200	13.101	17.671	29.862	2905.141	3377.989	1.788	2.297	344.217	1	14.672
2/12/2018 6:35	376500	13.1	17.671	29.859	2903.857	33					

2/12/2018 16:55	413700	13.075	17.672	29.803	2769.058	3219.712	1.7	2.189	361.134	1	14.669
2/12/2018 17:00	414000	13.074	17.671	29.799	2768.096	3218.625	1.699	2.189	361.259	1	14.669
2/12/2018 17:05	414300	13.074	17.672	29.799	2767.931	3218.408	1.699	2.189	361.281	1	14.67
2/12/2018 17:10	414600	13.073	17.671	29.797	2766.982	3217.336	1.698	2.188	361.405	1	14.67
2/12/2018 17:15	414900	13.072	17.671	29.796	2765.662	3215.801	1.697	2.187	361.577	1	14.67
2/12/2018 17:20	415200	13.073	17.672	29.797	2766.305	3216.493	1.698	2.187	361.493	1	14.67
2/12/2018 17:25	415500	13.072	17.672	29.795	2765.472	3215.556	1.697	2.187	361.607	1	14.67
2/12/2018 17:30	415800	13.075	17.672	29.801	2763.606	3213.366	1.696	2.185	361.846	1	14.67
2/12/2018 17:35	416100	13.072	17.672	29.796	2763.056	3212.746	1.696	2.185	361.918	1	14.673
2/12/2018 17:40	416400	13.07	17.672	29.79	2760.36	3209.592	1.694	2.183	362.272	1	14.675
2/12/2018 17:45	416700	13.067	17.672	29.785	2762.386	3211.93	1.695	2.184	362.006	1	14.678
2/12/2018 17:50	417000	13.069	17.672	29.787	2761.147	3210.52	1.695	2.183	362.168	1	14.678
2/12/2018 17:55	417300	13.07	17.672	29.79	2760.358	3209.622	1.694	2.183	362.272	1	14.68
2/12/2018 18:00	417600	13.069	17.672	29.789	2760.429	3209.697	1.694	2.183	362.263	1	14.677
2/12/2018 18:05	417900	13.07	17.672	29.789	2759.562	3208.659	1.694	2.182	362.376	1	14.678
2/12/2018 18:10	418200	13.067	17.671	29.784	2758.487	3207.458	1.693	2.181	362.518	1	14.679
2/12/2018 18:15	418500	13.068	17.672	29.785	2757.28	3206.043	1.692	2.18	362.676	1	14.681
2/12/2018 18:20	418800	13.068	17.671	29.785	2756.914	3205.629	1.692	2.18	362.724	1	14.682
2/12/2018 18:25	419100	13.066	17.672	29.782	2756.704	3205.361	1.692	2.18	362.752	1	14.683
2/12/2018 18:30	419400	13.066	17.672	29.781	2756.064	3204.597	1.691	2.179	362.836	1	14.684
2/12/2018 18:35	419700	13.068	17.671	29.785	2755.927	3204.493	1.691	2.179	362.854	1	14.683
2/12/2018 18:40	420000	13.069	17.672	29.788	2754.907	3203.278	1.691	2.178	362.989	1	14.682
2/12/2018 18:45	420300	13.07	17.672	29.792	2753.477	3201.589	1.69	2.177	363.177	1	14.681
2/12/2018 18:50	420600	13.07	17.672	29.791	2753.791	3201.373	1.69	2.177	363.136	1	14.682
2/12/2018 18:55	420900	13.071	17.672	29.792	2753.222	3201.312	1.689	2.177	363.211	1	14.682
2/12/2018 19:00	421200	13.071	17.672	29.792	2752.749	3200.768	1.689	2.177	363.273	1	14.683
2/12/2018 19:05	421500	13.069	17.672	29.789	2751.067	3198.775	1.688	2.175	363.495	1	14.685
2/12/2018 19:10	421800	13.068	17.672	29.787	2751.348	3199.146	1.688	2.175	363.458	1	14.687
2/12/2018 19:15	422100	13.065	17.671	29.78	2750.308	3197.942	1.688	2.175	363.596	1	14.69
2/12/2018 19:20	422400	13.066	17.672	29.781	2750.27	3197.872	1.687	2.175	363.601	1	14.69
2/12/2018 19:25	422700	13.065	17.672	29.78	2749.76	3197.286	1.687	2.174	363.668	1	14.69
2/12/2018 19:30	423000	13.066	17.672	29.783	2748.298	3195.562	1.686	2.173	363.862	1	14.692
2/12/2018 19:35	423300	13.066	17.672	29.781	2748.53	3195.825	1.686	2.173	363.831	1	14.693
2/12/2018 19:40	423600	13.066	17.672	29.781	2747.337	3194.457	1.686	2.172	363.989	1	14.693
2/12/2018 19:45	423900	13.066	17.672	29.782	2747.415	3194.553	1.686	2.172	363.978	1	14.694
2/12/2018 19:50	424200	13.065	17.672	29.778	2745.955	3192.825	1.685	2.171	364.172	1	14.696
2/12/2018 19:55	424500	13.061	17.671	29.77	2745.608	3192.483	1.684	2.171	364.218	1	14.698
2/12/2018 20:00	424800	13.06	17.672	29.768	2744.975	3191.704	1.684	2.17	364.302	1	14.701
2/12/2018 20:05	425100	13.06	17.672	29.767	2744.503	3191.136	1.684	2.17	364.365	1	14.702
2/12/2018 20:10	425400	13.06	17.672	29.768	2744.837	3191.555	1.684	2.17	364.32	1	14.703
2/12/2018 20:15	425700	13.061	17.672	29.769	2744.037	3190.614	1.683	2.17	364.427	1	14.704
2/12/2018 20:20	426000	13.06	17.672	29.768	2744.065	3190.671	1.683	2.17	364.423	1	14.704
2/12/2018 20:25	426300	13.06	17.672	29.768	2742.341	3188.644	1.682	2.168	364.652	1	14.705
2/12/2018 20:30	426600	13.06	17.672	29.769	2740.371	3186.338	1.681	2.167	364.914	1	14.705
2/12/2018 20:35	426900	13.061	17.672	29.771	2742.152	3188.447	1.682	2.168	364.677	1	14.705
2/12/2018 20:40	427200	13.061	17.672	29.771	2741.431	3187.602	1.682	2.168	364.773	1	14.705
2/12/2018 20:45	427500	13.062	17.672	29.772	2740.697	3186.717	1.681	2.167	364.871	1	14.704
2/12/2018 20:50	427800	13.062	17.672	29.772	2740.787	3186.834	1.681	2.167	364.859	1	14.705
2/12/2018 20:55	428100	13.061	17.672	29.771	2740.724	3186.761	1.681	2.167	364.867	1	14.705
2/12/2018 21:00	428400	13.063	17.672	29.775	2739.891	3185.799	1.681	2.166	364.978	1	14.705
2/12/2018 21:05	428700	13.061	17.672	29.769	2740.059	3186	1.681	2.166	364.956	1	14.708
2/12/2018 21:10	429000	13.06	17.672	29.767	2739.757	3185.606	1.681	2.166	364.996	1	14.711
2/12/2018 21:15	429300	13.056	17.672	29.759	2738.424	3184.093	1.68	2.165	365.174	1	14.713
2/12/2018 21:20	429600	13.057	17.672	29.76	2738.487	3184.16	1.68	2.165	365.165	1	14.713
2/12/2018 21:25	429900	13.057	17.672	29.761	2738.398	3184.081	1.68	2.165	365.177	1	14.712
2/12/2018 21:30	430200	13.057	17.672	29.761	2737.669	3182.639	1.679	2.164	365.341	1	14.712
2/12/2018 21:35	430500	13.059	17.672	29.765	2737.038	3182.494	1.679	2.164	365.358	1	14.711
2/12/2018 21:40	430800	13.06	17.672	29.767	2736.57	3181.937	1.679	2.164	365.421	1	14.71
2/12/2018 21:45	431100	13.06	17.672	29.768	2736.947	3182.394	1.679	2.164	365.371	1	14.709
2/12/2018 21:50	431400	13.062	17.672	29.771	2735.994	3181.261	1.678	2.163	365.498	1	14.708
2/12/2018 21:55	431700	13.064	17.672	29.777	2735.47	3180.846	1.678	2.163	365.588	1	14.706
2/12/2018 22:00	432000	13.064	17.672	29.782	2735.012	3180.125	1.678	2.162	365.629	1	14.705
2/12/2018 22:05	432300	13.063	17.672	29.774	2734.528	3179.563	1.677	2.162	365.694	1	14.707
2/12/2018 22:10	432600	13.061	17.672	29.777	2734.209	3179.205	1.677	2.162	365.736	1	14.709
2/12/2018 22:15	432900	13.06	17.672	29.767	2734.376	3179.392	1.677	2.162	365.714	1	14.711
2/12/2018 22:20	433200	13.059	17.672	29.765	2731.527	3176.054	1.675	2.16	366.096	1	14.711
2/12/2018 22:25	433500	13.058	17.672	29.764	2733.719	3178.635	1.677	2.161	365.802	1	14.712
2/12/2018 22:30	433800	13.058	17.671	29.762	2737.762	3177.652	1.676	2.161	365.916	1	14.713
2/12/2018 22:35	434100	13.057	17.672	29.761	2733.25	3178.058	1.676	2.161	365.865	1	14.714
2/12/2018 22:40	434400	13.057	17.672	29.761	2732.762	3177.491	1.676	2.161	365.93	1	14.714
2/12/2018 22:45	434700	13.056	17.672	29.759	2732.508	3177.195	1.676	2.16	365.964	1	14.715
2/12/2018 22:50	435000	13.052	17.672	29.75	2732.129	3176.78	1.676	2.16	366.015	1	14.719
2/12/2018 22:55	435300	13.051	17.672	29.747	2730.92	3175.362	1.675	2.159	366.177	1	14.722
2/12/2018 23:00	435600	13.046	17.672	29.746	2730.742	3175.167	1.675	2.159	366.201	1	14.726
2/12/2018 23:05	435900	13.05	17.672	29.745	2731.236	3175.735	1.675	2.159	366.135	1	14.723
2/12/2018 23:10	436200	13.051	17.672	29.747	2729.967	3174.26	1.674	2.158	366.305	1	14.721
2/12/2018 23:15	436500	13.054	17.672	29.753	2730.081	3174.386	1.674	2.159	366.289	1	14.719
2/12/2018 23:20	436800	13.054	17.672	29.755	2730.118	3174.441	1.674	2.159	366.285	1	14.72
2/12/2018 23:25	437100	13.054	17.672	29.754	2729.366	3173.555	1.674	2.158	366.385	1	14.72
2/12/2018 23:30	437400	13.053	17.672	29.753	2729.465	3173.875	1.674	2.158	366.348	1	14.712
2/12/2018 23:35	437700	13.053	17.672	29.751	2728.35	3172.349	1.673	2.157	366.522	1	14.72
2/12/2018 23:40	438000	13.053	17.672	29.751	2728.526	3172.59	1.673	2.157	366.498	1	14.719
2/12/2018 23:45	438300	13.054	17.672	29.754	2728.65	3172.722	1.673	2.157	366.482	1	14.719
2/12/2018 23:50	438600	13.053	17.672	29.752	2727.446	3171.317	1.673	2.156	366.643	1	14.72
2/12/2018 23:55	438900	13.053	17.672	29.751	2728.095	3172.064	1.673	2.157	366.556	1	14.72
2/13/2018 0:00	439200	13.053	17.671	29.752	2727.564	3171.129	1.673	2.156	366.666	1	14.721
2/13/2018 0:05	439500	13.053	17.672	29.751	2726.538	3170.297	1.672	2.156	366.766	1	14.721

2/13/2018 10:30	477000	13.037	17.672	29.716	2702.948	3142.832	1.657	2.137	369.966	1	14.804
2/13/2018 10:35	477300	13.035	17.672	29.711	2702.817	3142.667	1.657	2.137	369.984	1	14.805
2/13/2018 10:40	477600	13.034	17.672	29.709	2702.969	3142.844	1.657	2.137	369.964	1	14.807
2/13/2018 10:45	477900	13.032	17.672	29.704	2703.119	3143.006	1.657	2.137	369.943	1	14.808
2/13/2018 10:50	478200	13.033	17.672	29.707	2702.641	3142.474	1.657	2.137	370.008	1	14.806
2/13/2018 10:55	478500	13.034	17.672	29.709	2702.704	3142.335	1.657	2.137	370	1	14.804
2/13/2018 11:00	478800	13.037	17.672	29.715	2702.369	3142.146	1.656	2.137	370.046	1	14.803
2/13/2018 11:05	479100	13.035	17.672	29.71	2702.954	3142.826	1.657	2.137	369.966	1	14.803
2/13/2018 11:10	479400	13.035	17.672	29.71	2701.678	3141.336	1.656	2.136	370.14	1	14.803
2/13/2018 11:15	479700	13.034	17.672	29.709	2701.877	3141.586	1.656	2.136	370.113	1	14.804
2/13/2018 11:20	480000	13.034	17.672	29.71	2701.231	3140.841	1.656	2.136	370.202	1	14.802
2/13/2018 11:25	480300	13.037	17.672	29.715	2701.288	3140.906	1.656	2.136	370.194	1	14.8
2/13/2018 11:30	480600	13.036	17.672	29.714	2701.027	3140.598	1.656	2.136	370.23	1	14.799
2/13/2018 11:35	480900	13.035	17.672	29.711	2700.91	3140.467	1.655	2.136	370.246	1	14.8
2/13/2018 11:40	481200	13.032	17.672	29.703	2701.289	3140.895	1.656	2.136	370.194	1	14.801
2/13/2018 11:45	481500	13.031	17.672	29.701	2700.597	3140.103	1.655	2.135	370.289	1	14.803
2/13/2018 11:50	481800	13.033	17.672	29.706	2701.153	3140.726	1.656	2.136	370.212	1	14.8
2/13/2018 11:55	482100	13.035	17.672	29.71	2701.241	3140.847	1.656	2.136	370.2	1	14.797
2/13/2018 12:00	482400	13.036	17.672	29.723	2699.945	3139.221	1.655	2.135	370.378	1	14.795
2/13/2018 12:05	482700	13.035	17.672	29.71	2699.952	3139.354	1.655	2.135	370.377	1	14.796
2/13/2018 12:10	483000	13.032	17.672	29.704	2699.923	3139.344	1.655	2.135	370.381	1	14.797
2/13/2018 12:15	483300	13.03	17.672	29.7	2700.528	3140.035	1.655	2.135	370.298	1	14.797
2/13/2018 12:20	483600	13.03	17.672	29.7	2700.211	3139.667	1.655	2.135	370.341	1	14.797
2/13/2018 12:25	483900	13.029	17.672	29.698	2700.442	3139.91	1.655	2.135	370.31	1	14.797
2/13/2018 12:30	484200	13.029	17.672	29.697	2699.651	3139.004	1.655	2.135	370.418	1	14.796
2/13/2018 12:35	484500	13.03	17.672	29.7	2699.908	3139.272	1.655	2.135	370.383	1	14.794
2/13/2018 12:40	484800	13.031	17.672	29.703	2697.428	3136.407	1.653	2.133	370.723	1	14.792
2/13/2018 12:45	485100	13.033	17.672	29.707	2699.794	3139.157	1.655	2.135	370.399	1	14.789
2/13/2018 12:50	485400	13.032	17.672	29.704	2699.371	3138.69	1.654	2.134	370.457	1	14.789
2/13/2018 12:55	485700	13.032	17.672	29.704	2699.044	3138.286	1.654	2.134	370.502	1	14.789
2/13/2018 13:00	486000	13.031	17.672	29.702	2698.83	3138.049	1.654	2.134	370.531	1	14.79
2/13/2018 13:05	486300	13.031	17.672	29.703	2699.047	3138.296	1.654	2.134	370.501	1	14.788
2/13/2018 13:10	486600	13.031	17.671	29.701	2699.389	3138.736	1.655	2.134	370.454	1	14.787
2/13/2018 13:15	486900	13.033	17.672	29.705	2698.618	3137.784	1.654	2.134	370.56	1	14.786
2/13/2018 13:20	487200	13.03	17.672	29.701	2698.394	3137.548	1.654	2.134	370.591	1	14.787
2/13/2018 13:25	487500	13.027	17.672	29.693	2698.827	3138.009	1.654	2.134	370.531	1	14.789
2/13/2018 13:30	487800	13.026	17.672	29.69	2698.405	3137.55	1.654	2.134	370.589	1	14.789
2/13/2018 13:35	488100	13.026	17.672	29.69	2698.791	3137.99	1.654	2.134	370.536	1	14.79
2/13/2018 13:40	488400	13.027	17.672	29.694	2698.826	3138.014	1.654	2.134	370.532	1	14.787
2/13/2018 13:45	488700	13.029	17.672	29.698	2697.925	3136.96	1.654	2.133	370.655	1	14.785
2/13/2018 13:50	489000	13.029	17.672	29.697	2698.193	3137.303	1.654	2.133	370.618	1	14.784
2/13/2018 13:55	489300	13.029	17.672	29.696	2698.417	3137.551	1.654	2.134	370.588	1	14.783
2/13/2018 14:00	489600	13.029	17.672	29.697	2698.298	3137.405	1.654	2.135	370.604	1	14.782
2/13/2018 14:05	489900	13.03	17.672	29.699	2698.006	3137.078	1.654	2.133	370.644	1	14.782
2/13/2018 14:10	490200	13.03	17.672	29.699	2698.28	3137.421	1.654	2.133	370.607	1	14.783
2/13/2018 14:15	490500	13.029	17.672	29.697	2697.452	3136.434	1.653	2.133	370.72	1	14.783
2/13/2018 14:20	490800	13.033	17.671	29.705	2698.036	3137.163	1.654	2.133	370.64	1	14.781
2/13/2018 14:25	491100	13.033	17.672	29.705	2697.747	3136.784	1.653	2.133	370.68	1	14.779
2/13/2018 14:30	491400	13.037	17.672	29.715	2697.931	3137.007	1.654	2.133	370.653	1	14.776
2/13/2018 14:35	491700	13.034	17.672	29.708	2697.385	3136.351	1.653	2.133	370.729	1	14.779
2/13/2018 14:40	492000	13.031	17.672	29.702	2697.008	3135.906	1.653	2.132	370.781	1	14.782
2/13/2018 14:45	492300	13.029	17.672	29.696	2696.571	3135.404	1.653	2.132	370.841	1	14.784
2/13/2018 14:50	492600	13.028	17.672	29.696	2696.637	3135.512	1.653	2.132	370.832	1	14.784
2/13/2018 14:55	492900	13.029	17.672	29.698	2697.421	3136.405	1.653	2.133	370.724	1	14.784
2/13/2018 15:00	493200	13.029	17.672	29.697	2696.91	3135.823	1.653	2.132	370.795	1	14.784
2/13/2018 15:05	493500	13.029	17.672	29.696	2696.85	3135.759	1.653	2.132	370.803	1	14.785
2/13/2018 15:10	493800	13.028	17.672	29.695	2696.103	3134.853	1.652	2.132	370.906	1	14.785
2/13/2018 15:15	494100	13.028	17.673	29.695	2696.532	3135.335	1.653	2.132	370.847	1	14.785
2/13/2018 15:20	494400	13.029	17.672	29.697	2696.76	3135.637	1.653	2.132	370.815	1	14.786
2/13/2018 15:25	494700	13.027	17.672	29.693	2695.377	3134.003	1.652	2.131	371.006	1	14.787
2/13/2018 15:30	495000	13.03	17.672	29.7	2696.462	3135.522	1.653	2.132	370.829	1	14.788
2/13/2018 15:35	495300	13.029	17.672	29.698	2696.198	3135.001	1.652	2.132	370.852	1	14.789
2/13/2018 15:40	495600	13.03	17.672	29.699	2695.702	3134.407	1.652	2.131	370.961	1	14.789
2/13/2018 15:45	495900	13.03	17.672	29.699	2696	3134.734	1.652	2.132	370.92	1	14.79
2/13/2018 15:50	496200	13.031	17.672	29.702	2696.178	3134.94	1.652	2.132	370.895	1	14.79
2/13/2018 15:55	496500	13.03	17.672	29.7	2696.039	3134.803	1.652	2.132	370.915	1	14.789
2/13/2018 16:00	496800	13.036	17.672	29.712	2696.288	3135.093	1.652	2.132	370.88	1	14.789
2/13/2018 16:05	497100	13.035	17.672	29.723	2695.228	3133.698	1.652	2.131	371.026	1	14.79
2/13/2018 16:10	497400	13.03	17.672	29.7	2695.819	3134.536	1.652	2.131	370.945	1	14.791
2/13/2018 16:15	497700	13.028	17.672	29.695	2695.584	3134.275	1.652	2.131	370.977	1	14.793
2/13/2018 16:20	498000	13.03	17.672	29.7	2695.678	3134.379	1.652	2.131	370.964	1	14.792
2/13/2018 16:25	498300	13.032	17.672	29.704	2695.023	3133.617	1.652	2.131	371.054	1	14.791
2/13/2018 16:30	498600	13.031	17.672	29.701	2694.936	3133.503	1.652	2.131	371.066	1	14.79
2/13/2018 16:35	498900	13.029	17.672	29.697	2695.001	3133.587	1.652	2.131	371.057	1	14.797
2/13/2018 16:40	499200	13.028	17.672	29.695	2695.008	3133.605	1.652	2.131	371.056	1	14.793
2/13/2018 16:45	499500	13.026	17.672	29.69	2695.048	3133.639	1.652	2.131	371.051	1	14.794
2/13/2018 16:50	499800	13.027	17.672	29.693	2694.749	3133.31	1.651	2.131	371.092	1	14.794
2/13/2018 16:55	500100	13.028	17.672	29.694	2694.483	3132.989	1.651	2.13	371.129	1	14.793
2/13/2018 17:00	500400	13.028	17.672	29.695	2694.832	3133.382	1.652	2.131	371.081	1	14.792
2/13/2018 17:05	500700	13.026	17.672	29.689	2694.781	3133.25	1.652	2.131	371.088	1	14.794
2/13/2018 17:10	501000	13.025	17.672	29.687	2694.635	3133.183	1.651	2.131	371.108	1	14.796
2/13/2018 17:15	501300	13.023	17.672	29.682	2694.391	3132.906	1.651	2.13	371.141	1	14.797
2/13/2018 17:20	501600	13.026	17.672	29.69	2694.599	3133.129	1.651	2.131	371.113	1	14.796
2/13/2018 17:25	501900	13.026	17.672	29.69	2693.594	3131.973	1.651	2.13	371.251	1	14.796
2/13/2018 17:30	502200	13.027	17.672	29.693	2693.388	3131.691	1.651	2.13	371.28	1	14.795
2/13/2018 17:35	502500	13.025	17.672	29.69	2693.598	3131.988	1.651	2.13	371.251	1	14.796
2/13/2018 17:40	502800	13.026	17.672	29.691	2693.295	3131.595	1.651	2.129	371.292	1	14.796
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2/14/2018 4:05	540300	13.015	17.672	29.664	2686.676	3123.917	1.646	2.124	372.207	1	14.802
2/14/2018 4:10	540600	13.015	17.672	29.665	2687.343	3124.667	1.647	2.125	372.115	1	14.802
2/14/2018 4:15	540900	13.015	17.672	29.666	2687.433	3124.772	1.647	2.125	372.102	1	14.803
2/14/2018 4:20	541200	13.016	17.672	29.667	2687.476	3124.835	1.647	2.125	372.096	1	14.801
2/14/2018 4:25	541500	13.017	17.672	29.67	2687.878	3125.345	1.647	2.125	372.041	1	14.799
2/14/2018 4:30	541800	13.018	17.672	29.671	2687.747	3125.149	1.647	2.125	372.059	1	14.798
2/14/2018 4:35	542100	13.013	17.672	29.666	2687.035	3124.329	1.646	2.124	372.157	1	14.851
2/14/2018 4:40	542400	13.012	17.672	29.658	2688.111	3125.573	1.647	2.125	372.008	1	14.803
2/14/2018 4:45	542700	13.01	17.672	29.653	2687.485	3124.858	1.647	2.125	372.095	1	14.806
2/14/2018 4:50	543000	13.012	17.672	29.658	2688.015	3125.456	1.647	2.125	372.022	1	14.803
2/14/2018 4:55	543300	13.014	17.672	29.664	2687.717	3125.115	1.647	2.125	372.063	1	14.8
2/14/2018 5:00	543600	13.016	17.672	29.668	2687.333	3124.902	1.647	2.125	372.088	1	14.797
2/14/2018 5:05	543900	13.017	17.672	29.671	2688.162	3125.627	1.647	2.125	372.047	1	14.798
2/14/2018 5:10	544200	13.017	17.672	29.669	2688.545	3126.096	1.647	2.126	371.948	1	14.799
2/14/2018 5:15	544500	13.015	17.672	29.666	2687.688	3125.076	1.647	2.125	372.067	1	14.8
2/14/2018 5:20	544800	13.018	17.672	29.671	2688.068	3125.547	1.647	2.125	372.014	1	14.8
2/14/2018 5:25	545100	13.017	17.672	29.669	2688.912	3126.535	1.648	2.126	371.898	1	14.8
2/14/2018 5:30	545400	13.018	17.672	29.671	2688.062	3125.504	1.647	2.125	372.015	1	14.8
2/14/2018 5:35	545700	13.015	17.672	29.665	2688.066	3125.521	1.647	2.125	372.054	1	14.803
2/14/2018 5:40	546000	13.012	17.672	29.659	2688.279	3125.793	1.647	2.126	371.985	1	14.805
2/14/2018 5:45	546300	13.011	17.672	29.656	2688.135	3125.584	1.647	2.125	372.005	1	14.808
2/14/2018 5:50	546600	13.011	17.672	29.657	2688.141	3125.633	1.647	2.125	372.004	1	14.806
2/14/2018 5:55	546900	13.014	17.672	29.663	2688.897	3126.511	1.648	2.126	371.9	1	14.804
2/14/2018 6:00	547200	13.014	17.672	29.664	2688.269	3125.745	1.647	2.126	371.987	1	14.803
2/14/2018 6:05	547500	13.012	17.672	29.658	2688.281	3125.795	1.647	2.126	371.985	1	14.805
2/14/2018 6:10	547800	13.007	17.672	29.647	2688.526	3126.044	1.647	2.126	371.951	1	14.812
2/14/2018 6:15	548100	13.005	17.672	29.642	2688.881	3126.492	1.648	2.126	371.902	1	14.816
2/14/2018 6:20	548400	13.009	17.672	29.651	2688.385	3125.898	1.647	2.126	371.971	1	14.811
2/14/2018 6:25	548700	13.015	17.672	29.664	2688.978	3126.575	1.648	2.126	371.889	1	14.805
2/14/2018 6:30	549000	13.02	17.672	29.677	2689.074	3126.718	1.648	2.126	371.875	1	14.799
2/14/2018 6:35	549300	13.02	17.672	29.664	2688.561	3126.103	1.647	2.126	371.946	1	14.806
2/14/2018 6:40	549600	13.019	17.672	29.674	2688.503	3126.029	1.647	2.126	371.954	1	14.802
2/14/2018 6:45	549900	13.017	17.672	29.671	2689.403	3127.052	1.648	2.126	371.83	1	14.804
2/14/2018 6:50	550200	13.016	17.673	29.667	2689.31	3126.931	1.648	2.126	371.843	1	14.805
2/14/2018 6:55	550500	13.016	17.672	29.668	2688.511	3126.057	1.647	2.126	371.953	1	14.806
2/14/2018 7:00	550800	13.016	17.672	29.666	2689.225	3126.862	1.648	2.126	371.854	1	14.807
2/14/2018 7:05	551100	13.012	17.672	29.658	2689.204	3126.868	1.648	2.126	371.857	1	14.857
2/14/2018 7:10	551400	13.012	17.672	29.659	2688.393	3125.925	1.647	2.126	371.969	1	14.811
2/14/2018 7:15	551700	13.008	17.672	29.65	2688.221	3125.701	1.647	2.125	371.993	1	14.813
2/14/2018 7:20	552000	13.009	17.672	29.651	2688.116	3125.579	1.647	2.125	372.008	1	14.813
2/14/2018 7:25	552300	13.007	17.672	29.647	2688.59	3126.118	1.647	2.126	371.942	1	14.814
2/14/2018 7:30	552600	13.007	17.672	29.647	2688.192	3125.667	1.647	2.125	371.997	1	14.815
2/14/2018 7:35	552900	13.008	17.672	29.649	2688.043	3125.494	1.647	2.125	372.018	1	14.815
2/14/2018 7:40	553200	13.009	17.672	29.652	2688.843	3126.448	1.648	2.126	371.907	1	14.815
2/14/2018 7:45	553500	13.01	17.672	29.653	2687.667	3125.057	1.647	2.125	372.07	1	14.815
2/14/2018 7:50	553800	13.012	17.672	29.659	2687.929	3125.356	1.647	2.125	372.034	1	14.815
2/14/2018 7:55	554100	13.015	17.672	29.664	2688.207	3125.673	1.647	2.125	371.995	1	14.814
2/14/2018 8:00	554400	13.015	17.672	29.666	2688.793	3126.391	1.648	2.126	371.914	1	14.813
2/14/2018 8:05	554700	13.015	17.672	29.665	2687.812	3125.238	1.647	2.126	372.05	1	14.813
2/14/2018 8:10	555000	13.016	17.672	29.667	2688.223	3125.704	1.647	2.125	371.993	1	14.814
2/14/2018 8:15	555300	13.018	17.672	29.671	2687.82	3125.223	1.647	2.125	372.049	1	14.814
2/14/2018 8:20	555600	13.018	17.672	29.672	2687.92	3125.338	1.647	2.125	372.035	1	14.814
2/14/2018 8:25	555900	13.015	17.672	29.665	2688.659	3126.218	1.648	2.126	371.933	1	14.815
2/14/2018 8:30	556200	13.014	17.672	29.663	2687.69	3125.078	1.647	2.125	372.067	1	14.816
2/14/2018 8:35	556500	13.015	17.672	29.664	2688.324	3125.827	1.647	2.126	371.979	1	14.816
2/14/2018 8:40	556800	13.014	17.672	29.667	2687.785	3125.194	1.647	2.125	372.054	1	14.817
2/14/2018 8:45	557100	13.015	17.672	29.665	2688.428	3125.949	1.647	2.126	371.965	1	14.817
2/14/2018 8:50	557400	13.015	17.672	29.665	2688.566	3126.114	1.647	2.126	371.946	1	14.819
2/14/2018 8:55	557700	13.012	17.672	29.657	2685.765	3122.864	1.646	2.124	372.333	1	14.821
2/14/2018 9:00	558000	13.01	17.672	29.653	2687.734	3125.111	1.647	2.125	372.061	1	14.823
2/14/2018 9:05	558300	13.011	17.672	29.656	2687.335	3124.571	1.647	2.125	372.116	1	14.823
2/14/2018 9:10	558600	13.012	17.672	29.659	2687.441	3124.789	1.647	2.125	372.101	1	14.823
2/14/2018 9:15	558900	13.012	17.672	29.658	2687.576	3124.946	1.647	2.125	372.082	1	14.823
2/14/2018 9:20	559200	13.013	17.672	29.662	2687.827	3125.237	1.647	2.125	372.048	1	14.821
2/14/2018 9:25	559500	13.014	17.672	29.663	2687.487	3124.848	1.647	2.125	372.095	1	14.819
2/14/2018 9:30	559800	13.015	17.672	29.666	2688.173	3125.627	1.647	2.125	372	1	14.817
2/14/2018 9:35	560100	13.016	17.672	29.667	2687.323	3124.676	1.647	2.125	372.118	1	14.819
2/14/2018 9:40	560400	13.014	17.672	29.664	2687.349	3124.729	1.647	2.125	372.111	1	14.821
2/14/2018 9:45	560700	13.012	17.672	29.657	2688.366	3125.888	1.647	2.126	371.973	1	14.822
2/14/2018 9:50	561000	13.012	17.672	29.659	2685.329	3122.339	1.645	2.123	372.394	1	14.822
2/14/2018 9:55	561300	13.011	17.672	29.657	2687.012	3124.289	1.646	2.125	372.161	1	14.823
2/14/2018 10:00	561600	13.011	17.672	29.656	2687.816	3125.212	1.647	2.125	372.049	1	14.823
2/14/2018 10:05	561900	13.009	17.673	29.651	2687.026	3124.281	1.646	2.125	372.159	1	14.823
2/14/2018 10:10	562200	13.011	17.672	29.655	2687.803	3125.222	1.647	2.125	372.051	1	14.824
2/14/2018 10:15	562500	13.012	17.672	29.658	2687.678	3125.07	1.647	2.125	372.068	1	14.825
2/14/2018 10:20	562800	13.011	17.672	29.656	2687.823	3125.238	1.647	2.125	372.048	1	14.827
2/14/2018 10:25	563100	13.01	17.672	29.654	2686.97	3124.254	1.646	2.124	372.166	1	14.828
2/14/2018 10:30	563400	13.008	17.672	29.648	2687.682	3125.087	1.647	2.125	372.068	1	14.83
2/14/2018 10:35	563700	13.01	17.672	29.654	2687.328	3124.657	1.647	2.125	372.117	1	14.827
2/14/2018 10:40	564000	13.013	17.672	29.66	2686.914	3124.206	1.646	2.124	372.174	1	14.824
2/14/2018 10:45	564300	13.016	17.672	29.668	2687.432	3124.795	1.647	2.125	372.102	1	14.821
2/14/2018 10:50	564600	13.014	17.672	29.664	2686.917	3124.167	1.646	2.124	372.174	1	14.822
2/14/2018 10:55	564900	13.01	17.672	29.654	2687.409	3124.769	1.647	2.125	372.106	1	14.824
2/14/2018 11:00	565200	13.007	17.672	29.648	2686.765	3124.015	1.646	2.124	372.195	1	14.826
2/14/2018 11:05	565500	13.008	17.672	29.649	2687.028	3124.309	1.646	2.125	372.158	1	14.826
2/14/2018 11:10	565800	13.007	17.672	29.647	2687.027	3124.277	1.646	2.125	372.146	1	14.826
2/14/2018 11:15	566100	13.009	17.672	29.652	2687.699	3125.131	1.646	2.125	372.065	1	14.826
2/14/2018 11:20	56										

2/14/2018 21:40	603600	13.005	17.672	29.643	2693.075	3131.357	1.65	2.129	371.323	1	14.825
2/14/2018 21:45	603900	13.005	17.672	29.643	2691.976	3130.092	1.65	2.128	371.474	1	14.825
2/14/2018 21:50	604200	13.006	17.672	29.644	2691.654	3129.717	1.649	2.128	371.519	1	14.826
2/14/2018 21:55	604500	13.005	17.672	29.643	2691.879	3129.99	1.65	2.128	371.488	1	14.826
2/14/2018 22:00	604800	13.006	17.672	29.645	2691.908	3130.024	1.65	2.128	371.484	1	14.827
2/14/2018 22:05	605100	13.006	17.672	29.644	2691.566	3129.59	1.649	2.128	371.531	1	14.828
2/14/2018 22:10	605400	13.005	17.672	29.642	2691.116	3129.104	1.649	2.128	371.593	1	14.829
2/14/2018 22:15	605700	13.004	17.672	29.64	2690.519	3128.409	1.649	2.127	371.676	1	14.83
2/14/2018 22:20	606000	13.003	17.672	29.638	2689.855	3127.607	1.648	2.127	371.767	1	14.831
2/14/2018 22:25	606300	13.002	17.672	29.636	2689.836	3127.561	1.648	2.127	371.77	1	14.831
2/14/2018 22:30	606600	13.002	17.672	29.635	2689.648	3127.367	1.648	2.127	371.796	1	14.832
2/14/2018 22:35	606900	13.001	17.672	29.634	2689.935	3127.694	1.648	2.127	371.756	1	14.832
2/14/2018 22:40	607200	13.001	17.672	29.633	2689.302	3126.977	1.648	2.126	371.844	1	14.832
2/14/2018 22:45	607500	13.001	17.672	29.632	2689.214	3126.874	1.648	2.126	371.856	1	14.833
2/14/2018 22:50	607800	13.002	17.671	29.635	2689.607	3127.362	1.648	2.127	371.802	1	14.832
2/14/2018 22:55	608100	13.001	17.672	29.634	2688.942	3126.558	1.648	2.126	371.894	1	14.832
2/14/2018 23:00	608400	13.002	17.672	29.635	2689.505	3127.23	1.648	2.127	371.816	1	14.831
2/14/2018 23:05	608700	13.001	17.672	29.634	2688.494	3126.031	1.647	2.126	371.955	1	14.832
2/14/2018 23:10	609000	12.999	17.672	29.629	2689.41	3127.091	1.648	2.126	371.829	1	14.833
2/14/2018 23:15	609300	12.997	17.672	29.625	2688.854	3126.461	1.648	2.126	371.906	1	14.833
2/14/2018 23:20	609600	12.998	17.672	29.627	2689.397	3127.099	1.648	2.126	371.831	1	14.833
2/14/2018 23:25	609900	12.998	17.672	29.627	2688.879	3126.461	1.648	2.126	371.902	1	14.832
2/14/2018 23:30	610200	12.999	17.672	29.628	2689.261	3126.928	1.648	2.126	371.849	1	14.831
2/14/2018 23:35	610500	12.999	17.672	29.628	2689.506	3127.189	1.648	2.126	371.816	1	14.829
2/14/2018 23:40	610800	13	17.672	29.631	2689.777	3127.547	1.648	2.127	371.778	1	14.827
2/14/2018 23:45	611100	13.005	17.672	29.642	2689.849	3127.619	1.648	2.127	371.768	1	14.824
2/14/2018 23:50	611400	13.002	17.672	29.636	2689.594	3127.31	1.648	2.127	371.803	1	14.826
2/14/2018 23:55	611700	13	17.672	29.631	2689.152	3126.796	1.648	2.126	371.864	1	14.829

Report Date: 2/16/2018 10:42
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_2018-02-15_08-44-00-167-BaroMerge.wsl
Create Date 2/16/2018 10:40

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 8 Even 1 (Modbus-RTU)
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
Specific Gravity 1.012
Depth

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
8/24/2017 12:50 Log Download - Used Battery: 48% Used Memory: 100% User Name: AVanHaitsma Interval - Start Time: 8/16/2017 10:00:00 PM Stop Time: 8/24/2017 1:45:00 PM
9/1/2017 12:04 Log Download - Used Battery: 48% Used Memory: 100% User Name: WMassoll Interval - Start Time: 7/31/2017 10:00:00 PM Stop Time: 9/1/2017 12:45:00 PM
9/7/2017 12:41 Log Download - Used Battery: 49% Used Memory: 100% User Name: WMassoll Interval - Start Time: 8/31/2017 10:00:00 PM Stop Time: 9/7/2017 1:30:00 PM
9/14/2017 14:03 Log Download - Used Battery: 49% Used Memory: 100% User Name: AVanHaitsma Interval - Start Time: 9/6/2017 10:00:00 PM Stop Time: 9/14/2017 3:00:00 PM
9/21/2017 10:34 Log Download - Used Battery: 49% Used Memory: 100% User Name: AVanHaitsma Interval - Start Time: 9/13/2017 10:00:00 PM Stop Time: 9/21/2017 11:30:00 AM
9/28/2017 11:38 Log Download - Used Battery: 50% Used Memory: 100% User Name: WMassoll Interval - Start Time: 9/20/2017 10:00:00 PM Stop Time: 9/28/2017 12:30:00 PM
10/5/2017 12:29 Log Download - Used Battery: 50% Used Memory: 100% User Name: WMassoll Interval - Start Time: 8/31/2017 10:00:00 PM Stop Time: 10/5/2017 1:30:00 PM
10/12/2017 13:13 Log Download - Used Battery: 50% Used Memory: 100% User Name: AVanHaitsma Interval - Start Time: 10/4/2017 10:00:00 PM Stop Time: 10/12/2017 2:00:00 PM
10/19/2017 13:39 Log Download - Used Battery: 51% Used Memory: 100% User Name: AVanHaitsma Interval - Start Time: 10/11/2017 10:00:00 PM Stop Time: 10/19/2017 2:45:00 PM
10/26/2017 11:40 Log Download - Used Battery: 51% Used Memory: 100% User Name: WMassoll Interval - Start Time: 10/18/2017 10:00:00 PM Stop Time: 10/26/2017 1:30:00 PM
11/2/2017 13:26 Log Download - Used Battery: 51% Used Memory: 100% User Name: WMassoll Interval - Start Time: 9/30/2017 10:00:00 PM Stop Time: 11/2/2017 2:00:00 PM
11/9/2017 11:00 Log Download - Used Battery: 52% Used Memory: 100% User Name: AVanHaitsma Interval - Start Time: 11/9/2017 10:15:00 AM Stop Time: 11/9/2017 12:00:00 PM
11/9/2017 11:01 Log Download - Used Battery: 52% Used Memory: 100% User Name: AVanHaitsma Interval - Start Time: 11/1/2017 10:00:00 PM Stop Time: 11/9/2017 12:00:00 PM
11/16/2017 10:45 Log Download - Used Battery: 52% Used Memory: 100% User Name: WMassoll Interval - Start Time: 11/9/2017 10:15:00 AM Stop Time: 11/16/2017 10:45:00 AM
11/23/2017 12:39 Log Download - Used Battery: 52% Used Memory: 100% User Name: AVanHaitsma Interval - Start Time: 11/15/2017 10:00:00 PM Stop Time: 11/23/2017 1:30:00 PM
12/1/2017 11:26 Log Download - Used Battery: 53% Used Memory: 100% User Name: AVanHaitsma Interval - Start Time: 10/31/2017 10:00:00 PM Stop Time: 12/1/2017 12:15:00 PM
12/7/2017 13:23 Log Download - Used Battery: 53% Used Memory: 100% User Name: WMassoll Interval - Start Time: 11/29/2017 10:00:00 PM Stop Time: 12/7/2017 2:45:00 PM
12/14/2017 11:35 Log Download - Used Battery: 54% Used Memory: 100% User Name: WMassoll Interval - Start Time: 12/1/2017 10:00:00 PM Stop Time: 12/14/2017 1:30:00 PM
12/21/2017 9:00 Log Download - Used Battery: 54% Used Memory: 100% User Name: AVanHaitsma Interval - Start Time: 12/13/2017 10:00:00 PM Stop Time: 12/21/2017 9:45:00 AM
1/4/2018 13:35 Log Download - Used Battery: 55% Used Memory: 100% User Name: WMassoll Interval - Start Time: 11/30/2017 10:00:00 PM Stop Time: 1/4/2018 2:45:00 PM
1/11/2018 8:46 Log Download - Used Battery: 55% Used Memory: 100% User Name: AVanHaitsma Interval - Start Time: 1/3/2018 10:00:00 PM Stop Time: 1/11/2018 10:45:00 AM
1/18/2018 11:16 Log Download - Used Battery: 56% Used Memory: 100% User Name: WMassoll Interval - Start Time: 1/10/2018 10:00:00 PM Stop Time: 1/18/2018 11:45:00 AM
1/26/2018 10:42 Log Download - Used Battery: 56% Used Memory: 100% User Name: WMassoll Interval - Start Time: 1/17/2018 10:00:00 PM Stop Time: 1/26/2018 11:45:00 AM
2/1/2018 16:18 Log Download - Used Battery: 56% Used Memory: 100% User Name: WMassoll Interval - Start Time: 1/24/2018 6:15:00 PM Stop Time: 2/1/2018 6:15:00 PM
2/8/2018 8:43 Log Download - Used Battery: 57% Used Memory: 100% User Name: AVanHaitsma Interval - Start Time: 1/31/2018 10:00:00 PM Stop Time: 2/8/2018 9:30:00 AM
2/15/2018 8:45 Log Download - Used Battery: 57% Used Memory: 100% User Name: AVanHaitsma Interval - Start Time: 2/7/2018 10:00:00 PM Stop Time: 2/15/2018 9:45:00 AM
2/16/2018 10:40 User Note: "Pressure & Level adjusted by baro data from: "MPWSP Barotroll_2018-02-15_16-52-45-921.wsl""

Log Data:
Record Count 716

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

Time Zone: Pacific Standard 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: 398697	SNR: 398697	SNR: 398697	SNR: 398697	SNR: 398697	SNR: 398697	SNR: 398697	SNR: 398697	SNR: 398697	SNR: 000000
		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)
2/8/2018 0:00	7200	144.855	21.307	330.17	5382.726	5791.187	3.178	3.938	185.779	1	14.84
2/8/2018 0:15	8100	144.897	21.307	330.264	5382.206	5790.667	3.178	3.938	185.797	1	14.832
2/8/2018 0:30	9000	144.846	21.304	330.149	5380.948	5789.637	3.177	3.937	185.841	1	14.839
2/8/2018 0:45	9900	144.874	21.315	330.211	5383.692	5791.298	3.178	3.938	185.746	1	14.835
2/8/2018 1:00	10800	144.865	21.312	330.193	5383.708	5791.638	3.178	3.938	185.746	1	14.838
2/8/2018 1:15	11700	144.854	21.32	330.168	5384.896	5791.988	3.179	3.939	185.705	1	14.834
2/8/2018 1:30	12600	144.816	21.317	330.081	5385.217	5792.749	3.179	3.939	185.694	1	14.832
2/8/2018 1:45	13500	144.852	21.314	330.163	5386.345	5794.255	3.18	3.94	185.655	1	14.836
2/8/2018 2:00	14400	144.856	21.313	330.171	5386.824	5794.926	3.18	3.941	185.638	1	14.829
2/8/2018 2:15	15300	144.852	21.321	330.162	5389.443	5796.795	3.181	3.942	185.548	1	14.826
2/8/2018 2:30	16200	144.843	21.318	330.141	5389.581	5797.297	3.182	3.942	185.543	1	14.828
2/8/2018 2:45	17100	144.842	21.316	330.14	5390.343	5798.368	3.182	3.943	185.517	1	14.833
2/8/2018 3:00	18000	144.831	21.316	330.113	5389.908	5797.868	3.182	3.943	185.532	1	14.827
2/8/2018 3:15	18900	144.838	21.317	330.13	5390.269	5798.121	3.182	3.943	185.52	1	14.827
2/8/2018 3:30	19800	144.831	21.319	330.115	5390.89	5798.56	3.183	3.943	185.498	1	14.824
2/8/2018 3:45	20700	144.842	21.316	330.139	5391.246	5799.359	3.183	3.944	185.486	1	14.82
2/8/2018 4:00	21600	144.831	21.315	330.115	5390.796	5798.94	3.183	3.943	185.501	1	14.827
2/8/2018 4:15	22500	144.836	21.315	330.125	5390.943	5799.119	3.183	3.943	185.496	1	14.832
2/8/2018 4:30	23400	144.841	21.313	330.138	5390.578	5798.891	3.183	3.943	185.509	1	14.822
2/8/2018 4:45	24300	144.84	21.316	330.134	5391.169	5799.277	3.183	3.944	185.489	1	14.827
2/8/2018 5:00	25200	144.835	21.312	330.123	5391.26	5799.772	3.183	3.944	185.485	1	14.827
2/8/2018 5:15	26100	144.832	21.317	330.117	5390.963	5798.909	3.183	3.943	185.496	1	14.827
2/8/2018 5:30	27000	144.833	21.321	330.118	5390.973	5798.418	3.182	3.943	185.495	1	14.827
2/8/2018 5:45	27900	144.836	21.318	330.126	5391.362	5799.139	3.183	3.943	185.482	1	14.829
2/8/2018 6:00	28800	144.836	21.316	330.126	5390.932	5798.938	3.183	3.943	185.497	1	14.832
2/8/2018 6:15	29700	144.838	21.318	330.13	5392.371	5800.341	3.184	3.944	185.447	1	14.826
2/8/2018 6:30	30600	144.833	21.323	330.119	5393.129	5800.53	3.184	3.944	185.421	1	14.826
2/8/2018 6:45	31500	144.83	21.322	330.112	5391.704	5799.121	3.183	3.943	185.47	1	14.834
2/8/2018 7:00	32400	144.808	21.324	330.061	5392.846	5800.058	3.183	3.944	185.431	1	14.828
2/8/2018 7:15	33300	144.87	21.327	330.204	5395.26	5802.341	3.185	3.946	185.348	1	14.832
2/8/2018 7:30	34200	144.795	21.328	330.033	5392.862	5799.638	3.183	3.944	185.43	1	14.832
2/8/2018 7:45	35100	144.835	21.329	330.124	5394.123	5800.836	3.184	3.945	185.387	1	14.836
2/8/2018 8:00	36000	144.836	21.319	330.125	5392.348	5800.179	3.183	3.944	185.448	1	14.827
2/8/2018 8:15	36900	144.798	21.309	330.04	5386.348	5794.863	3.18	3.941	185.655	1	14.838
2/8/2018 8:30	37800	144.843	21.304	330.142	5381.867	5790.657	3.178	3.938	185.809	1	14.837
2/8/2018 8:45	38700	144.837	21.299	330.128	5377.588	5786.606	3.175	3.935	185.957	1	14.838
2/8/2018 9:00	39600	144.852	21.287	330.161	5374.888	5785.19	3.175	3.934	186.05	1	14.84
2/8/2018 9:15	40500	144.843	21.287	330.141	5373.674	5783.841	3.174	3.933	186.092	1	14.839
2/8/2018 9:30	41400	144.84	21.296	330.136	5371.713	5780.712	3.172	3.931	186.16	1	14.841
2/8/2018 9:45	42300	144.839	21.305	330.132	5371.559	5779.493	3.171	3.93	186.166	1	14.837
2/8/2018 10:00	43200	144.845	21.307	330.147	5372.066	5779.737	3.171	3.93	186.148	1	14.836
2/8/2018 10:15	44100	144.803	21.304	330.051	5369.518	5777.318	3.17	3.929	186.236	1	14.835
2/8/2018 10:30	45000	144.765	21.306	329.964	5370.3	5777.983	3.17	3.929	186.209	1	14.828
2/8/2018 10:45	45900	144.831	21.314	330.116	5372.432	5779.298	3.171	3.93	186.135	1	14.836
2/8/2018 11:00	46800	144.843	21.312	330.093	5373.9	5781.118	3.172	3.931	186.085	1	14.828
2/8/2018 11:15	47700	144.842	21.318	330.14	5375.538	5782.213	3.173	3.932	186.028	1	14.826
2/8/2018 11:30	48600	144.834	21.322	330.121	5378.264	5784.604	3.174	3.934	185.934	1	14.823
2/8/2018 11:45	49500	144.84	21.318	330.134	5378.744	5785.641	3.175	3.934	185.917	1	14.817
2/8/2018 12:00	50400	144.844	21.309	330.143	5377.816	5785.705	3.175	3.934	185.949	1	14.817
2/8/2018 12:15	51300	144.813	21.315	330.074	5380.222	5787.595	3.176	3.936	185.866	1	14.802
2/8/2018 12:30	52200	144.833	21.316	330.118	5380.55	5787.771	3.176	3.936	185.855	1	14.804
2/8/2018 12:45	53100	144.845	21.314	330.145	5378.251	5785.6	3.175	3.934	185.924	1	14.795
2/8/2018 13:00	54000	144.859	21.312	330.179	5379.482	5787.184	3.176	3.935	185.892	1	14.79
2/8/2018 13:15	54900	144.86	21.311	330.181	5378.934	5786.719	3.176	3.935	185.91	1	14.785
2/8/2018 13:30	55800	144.859	21.314	330.179	5380.448	5787.901	3.176	3.936	185.858	1	14.786
2/8/2018 13:45	56700	144.852	21.311	330.162	5380.037	5787.896	3.176	3.936	185.872	1	14.784
2/8/2018 14:00	57600	144.856	21.314	330.171	5380.477	5787.973	3.176	3.936	185.857	1	14.783
2/8/2018 14:15	58500	144.863	21.314	330.188	5380.295	5787.799	3.176	3.936	185.863	1	14.774
2/8/2018 14:30	59400	144.865	21.317	330.192	5381.007	5788.159	3.176	3.936	185.839	1	14.776
2/8/2018 14:45	60300	144.851	21.316	330.16	5381.844	5789.142	3.177	3.937	185.81	1	14.781
2/8/2018 15:00	61200	144.859	21.32	330.178	5381.475	5788.381	3.177	3.936	185.823	1	14.775
2/8/2018 15:15	62100	144.853	21.321	330.165	5383.798	5790.681	3.178	3.938	185.742	1	14.778
2/8/2018 15:30	63000	144.857	21.32	330.173	5380.84	5787.583	3.176	3.936	185.845	1	14.774
2/8/2018 15:45	63900	144.856	21.321	330.171	5382.012	5788.78	3.177	3.936	185.804	1	14.775
2/8/2018 16:00	64800	144.859	21.316	330.178	5381.389	5788.757	3.177	3.936	185.826	1	14.773
2/8/2018 16:15	65700	144.802	21.315	330.048	5380.602	5787.973	3.176	3.936	185.853	1	14.774
2/8/2018 16:30	66600	144.854	21.319	330.167	5381.37	5788.299	3.176	3.936	185.826	1	14.766
2/8/2018 16:45	67500	144.803	21.321	330.05	5382.531	5789.297	3.177	3.937	185.786	1	14.778
2/8/2018 17:00	68400	144.848	21.319	330.152	5380.428	5787.316	3.176	3.935	185.859	1	14.781
2/8/2018 17:15	69300	144.836	21.316	330.125	5379.425	5786.561	3.175	3.935	185.893	1	14.778
2/8/2018 17:30	70200	144.841	21.313	330.138	5379.244	5786.772	3.176	3.935	185.9	1	14.772
2/8/2018 17:45	71100	144.83	21.316	330.112	5379.119	5786.293	3.175	3.935	185.904	1	14.778
2/8/2018 18:00	72000	144.842	21.314	330.14	5380.019	5787.501	3.176	3.936	185.873	1	14.768
2/8/2018 18:15	72900	144.828	21.313	330.107	5377.5	5784.886	3.174	3.934	185.96	1	14.773

2/8/2018 18:30	73800	144.832	21.311	330.117	5377.556	5785.164	3.175	3.934	185.958	1	14.776
2/8/2018 18:45	74700	144.784	21.316	330.008	5378.792	5785.931	3.175	3.934	185.915	1	14.775
2/8/2018 19:00	75600	144.823	21.321	330.097	5380.013	5786.599	3.176	3.935	185.873	1	14.771
2/8/2018 19:15	76500	144.813	21.324	330.074	5381.4	5787.81	3.176	3.936	185.825	1	14.776
2/8/2018 19:30	77400	144.803	21.323	330.051	5381.31	5787.734	3.176	3.936	185.828	1	14.775
2/8/2018 19:45	78300	144.816	21.318	330.079	5380.982	5788.028	3.176	3.936	185.84	1	14.767
2/8/2018 20:00	79200	144.803	21.325	330.05	5381.721	5788.599	3.177	3.936	185.814	1	14.773
2/8/2018 20:15	80100	144.799	21.318	330.042	5381.161	5788.199	3.176	3.936	185.834	1	14.776
2/8/2018 20:30	81000	144.804	21.316	330.052	5381.131	5788.459	3.177	3.936	185.835	1	14.779
2/8/2018 20:45	81900	144.831	21.317	330.113	5381.189	5788.324	3.177	3.936	185.833	1	14.774
2/8/2018 21:00	82800	144.795	21.313	330.032	5380.478	5788.079	3.176	3.936	185.857	1	14.773
2/8/2018 21:15	83700	144.786	21.315	330.012	5382.054	5789.545	3.177	3.937	185.803	1	14.776
2/8/2018 21:30	84600	144.787	21.314	330.014	5381.9	5789.719	3.177	3.937	185.811	1	14.781
2/8/2018 21:45	85500	144.781	21.316	330	5383.265	5790.691	3.178	3.938	185.761	1	14.778
2/8/2018 22:00	86400	144.731	21.313	329.886	5382.672	5790.502	3.178	3.938	185.781	1	14.788
2/8/2018 22:15	87300	144.784	21.313	330.006	5383.751	5791.558	3.178	3.938	185.744	1	14.778
2/8/2018 22:30	88200	144.764	21.314	329.962	5385.59	5793.474	3.18	3.94	185.681	1	14.788
2/8/2018 22:45	89100	144.763	21.32	329.96	5385.257	5792.428	3.179	3.939	185.692	1	14.787
2/8/2018 23:00	90000	144.762	21.321	329.958	5386.669	5793.738	3.18	3.94	185.643	1	14.783
2/8/2018 23:15	90900	144.764	21.319	329.962	5386.664	5794.076	3.18	3.94	185.644	1	14.786
2/8/2018 23:30	91800	144.754	21.315	329.94	5386.672	5794.534	3.18	3.94	185.643	1	14.786
2/8/2018 23:45	92700	144.75	21.315	329.931	5385.629	5793.36	3.179	3.939	185.679	1	14.784
2/9/2018 0:00	93600	144.701	21.318	329.819	5386.878	5794.423	3.18	3.94	185.636	1	14.781
2/9/2018 0:15	94500	144.739	21.317	329.905	5386.11	5793.669	3.18	3.94	185.603	1	14.778
2/9/2018 0:30	95400	144.731	21.321	329.887	5386.671	5793.824	3.18	3.94	185.643	1	14.782
2/9/2018 0:45	96300	144.734	21.32	329.893	5385.907	5793.106	3.179	3.939	185.67	1	14.777
2/9/2018 1:00	97200	144.731	21.317	329.887	5387.262	5794.939	3.18	3.941	185.623	1	14.777
2/9/2018 1:15	98100	144.72	21.317	329.862	5388.008	5795.752	3.181	3.941	185.597	1	14.774
2/9/2018 1:30	99000	144.711	21.317	329.84	5386.985	5794.62	3.18	3.94	185.633	1	14.774
2/9/2018 1:45	99900	144.7	21.321	329.816	5387.848	5795.047	3.18	3.941	185.603	1	14.777
2/9/2018 2:00	100800	144.708	21.323	329.834	5387.48	5794.423	3.18	3.94	185.616	1	14.763
2/9/2018 2:15	101700	144.734	21.321	329.894	5388.39	5795.62	3.181	3.941	185.584	1	14.772
2/9/2018 2:30	102600	144.695	21.322	329.805	5388.916	5796.123	3.181	3.941	185.566	1	14.766
2/9/2018 2:45	103500	144.683	21.325	329.778	5391.127	5798.116	3.182	3.943	185.49	1	14.766
2/9/2018 3:00	104400	144.69	21.319	329.792	5388.769	5796.319	3.181	3.941	185.571	1	14.759
2/9/2018 3:15	105300	144.669	21.326	329.746	5388.621	5795.315	3.181	3.941	185.576	1	14.767
2/9/2018 3:30	106200	144.669	21.324	329.745	5390.071	5797.125	3.182	3.942	185.526	1	14.763
2/9/2018 3:45	107100	144.656	21.327	329.716	5387.943	5794.492	3.18	3.94	185.6	1	14.762
2/9/2018 4:00	108000	144.645	21.325	329.691	5388.52	5795.364	3.181	3.941	185.58	1	14.761
2/9/2018 4:15	108900	144.653	21.313	329.71	5384.567	5792.468	3.179	3.939	185.716	1	14.757
2/9/2018 4:30	109800	144.657	21.312	329.719	5382.137	5790	3.177	3.937	185.8	1	14.751
2/9/2018 4:45	110700	144.645	21.311	329.69	5381.175	5789.017	3.177	3.937	185.833	1	14.757
2/9/2018 5:00	111600	144.646	21.312	329.694	5378.711	5786.293	3.175	3.935	185.918	1	14.758
2/9/2018 5:15	112500	144.631	21.307	329.659	5375.544	5783.511	3.174	3.933	186.028	1	14.755
2/9/2018 5:30	113400	144.601	21.303	329.589	5370.383	5778.459	3.171	3.929	186.206	1	14.753
2/9/2018 5:45	114300	144.633	21.303	329.664	5365.844	5773.532	3.168	3.926	186.364	1	14.752
2/9/2018 6:00	115200	144.623	21.304	329.641	5363.646	5771.084	3.166	3.924	186.44	1	14.75
2/9/2018 6:15	116100	144.618	21.303	329.63	5363.102	5770.53	3.166	3.924	186.459	1	14.752
2/9/2018 6:30	117000	144.625	21.3	329.641	5368.558	5766.015	3.163	3.921	186.617	1	14.752
2/9/2018 6:45	117900	144.619	21.301	329.632	5356.563	5763.816	3.162	3.919	186.687	1	14.748
2/9/2018 7:00	118800	144.619	21.301	329.632	5355.696	5762.82	3.162	3.919	186.717	1	14.754
2/9/2018 7:15	119700	144.604	21.304	329.596	5353.525	5760.204	3.16	3.917	186.793	1	14.76
2/9/2018 7:30	120600	144.597	21.304	329.582	5352.318	5758.823	3.159	3.916	186.835	1	14.765
2/9/2018 7:45	121500	144.605	21.304	329.599	5352.019	5758.532	3.159	3.916	186.845	1	14.765
2/9/2018 8:00	122400	144.598	21.303	329.583	5351.079	5757.583	3.158	3.915	186.878	1	14.762
2/9/2018 8:15	123300	144.594	21.304	329.575	5349.83	5756.177	3.158	3.914	186.922	1	14.771
2/9/2018 8:30	124200	144.595	21.305	329.576	5349.603	5755.778	3.157	3.914	186.93	1	14.767
2/9/2018 8:45	125100	144.604	21.305	329.597	5347.953	5754.023	3.156	3.913	186.987	1	14.767
2/9/2018 9:00	126000	144.599	21.304	329.585	5349.037	5755.333	3.157	3.914	186.95	1	14.764
2/9/2018 9:15	126900	144.567	21.303	329.512	5344.972	5751.074	3.155	3.911	187.092	1	14.762
2/9/2018 9:30	127800	144.6	21.304	329.587	5347.125	5753.287	3.156	3.912	187.016	1	14.771
2/9/2018 9:45	128700	144.602	21.303	329.593	5345.66	5750.513	3.154	3.91	187.106	1	14.774
2/9/2018 10:00	129600	144.603	21.303	329.594	5344.647	5750.673	3.154	3.91	187.103	1	14.762
2/9/2018 10:15	130500	144.603	21.302	329.595	5340.914	5746.769	3.152	3.908	187.234	1	14.764
2/9/2018 10:30	131400	144.613	21.303	329.617	5339.551	5745.262	3.151	3.907	187.282	1	14.764
2/9/2018 10:45	132300	144.567	21.302	329.513	5336.505	5742.046	3.149	3.905	187.389	1	14.767
2/9/2018 11:00	133200	144.612	21.302	329.615	5331.502	5736.664	3.146	3.901	187.564	1	14.761
2/9/2018 11:15	134100	144.576	21.302	329.534	5324.647	5732.938	3.142	3.896	187.806	1	14.763
2/9/2018 11:30	135000	144.62	21.302	329.633	5320.031	5724.341	3.139	3.893	187.969	1	14.755
2/9/2018 11:45	135900	144.615	21.302	329.622	5314.473	5718.392	3.136	3.889	188.165	1	14.758
2/9/2018 12:00	136800	144.617	21.302	329.627	5308.051	5711.471	3.132	3.884	188.393	1	14.749
2/9/2018 12:15	137700	144.625	21.302	329.645	5301.946	5704.882	3.128	3.879	188.61	1	14.748
2/9/2018 12:30	138600	144.619	21.302	329.631	5295.766	5698.262	3.124	3.875	188.83	1	14.749
2/9/2018 12:45	139500	144.587	21.303	329.557	5290.274	5692.383	3.12	3.871	189.026	1	14.751
2/9/2018 13:00	140400	144.627	21.302	329.649	5287.51	5689.379	3.119	3.869	189.125	1	14.737
2/9/2018 13:15	141300	144.632	21.301	329.661	5282.9	5684.47	3.116	3.865	189.29	1	14.734
2/9/2018 13:30	142200	144.633	21.301	329.663	5276.218	5677.312	3.112	3.861	189.53	1	14.735
2/9/2018 13:45	143100	144.632	21.299	329.661	5272.9	5673.966	3.11	3.858	189.649	1	14.731
2/9/2018 14:00	144000	144.633	21.296	329.664	5270.024	5671.208	3.108	3.856	189.752	1	14.728
2/9/2018 14:15	144900	144.631	21.295	329.665	5266.463	5667.885	3.106	3.854	189.881	1	14.724
2/9/2018 14:30	145800	144.6	21.289	329.588	5262.741	5664.196	3.104	3.852	190.015	1	14.723
2/9/2018 14:45	146700	144.602	21.289	329.593	5261.687	5663.125	3.103	3.851	190.053	1	14.727
2/9/2018 15:00	147600	144.628	21.285	329.652	5257.461	5659.003	3.101	3.848	190.206	1	14.725
2/9/2018 15:15	148500	144.626	21.291	329.648	5256.518	5657.306	3.1	3.847	190.24	1	14.73
2/9/2018 15:30	149400	144.637	21.289	329.672	5256.025	5656.989	3.1	3.847	190.258	1	14.721
2/9/2018 15:45	150300	144.598	21.285	329.583	5255.364	5655.364	3.099	3.845	190.336	1	14.725
2/9/2018 16:00	151200	144.635	21.286	329.667	5255.37	5656.651	3.099	3.847	190.282	1	14.721

2/10/2018 23:15	263700	144.464	21.326	329.278	5346.066	5749.507	3.154	3.91	187.053	1	14.696
2/10/2018 23:30	264600	144.444	21.326	329.233	5347.349	5750.948	3.155	3.911	187.009	1	14.702
2/10/2018 23:45	265500	144.458	21.327	329.264	5346.313	5749.71	3.154	3.91	187.045	1	14.702
2/11/2018 0:00	266400	144.445	21.328	329.234	5348.905	5752.385	3.155	3.912	186.954	1	14.704
2/11/2018 0:15	267300	144.441	21.327	329.225	5349.006	5752.577	3.156	3.912	186.951	1	14.701
2/11/2018 0:30	268200	144.434	21.326	329.21	5348.916	5752.645	3.156	3.912	186.954	1	14.707
2/11/2018 0:45	269100	144.431	21.327	329.203	5348.589	5751.837	3.155	3.911	186.965	1	14.71
2/11/2018 1:00	270000	144.459	21.327	329.267	5348.073	5751.593	3.155	3.911	186.983	1	14.714
2/11/2018 1:15	270900	144.391	21.325	329.111	5347.444	5751.124	3.155	3.911	187.005	1	14.714
2/11/2018 1:30	271800	144.407	21.313	329.149	5346.943	5752.024	3.155	3.911	187.023	1	14.712
2/11/2018 1:45	272700	144.451	21.31	329.249	5343.082	5748.213	3.153	3.909	187.158	1	14.706
2/11/2018 2:00	273600	144.392	21.309	329.114	5341.019	5746.106	3.152	3.907	187.23	1	14.72
2/11/2018 2:15	274500	144.401	21.31	329.134	5340.031	5744.944	3.151	3.907	187.264	1	14.71
2/11/2018 2:30	275400	144.395	21.311	329.12	5338.169	5742.844	3.151	3.905	187.33	1	14.713
2/11/2018 2:45	276300	144.384	21.306	329.096	5337.592	5742.782	3.15	3.905	187.35	1	14.702
2/11/2018 3:00	277200	144.382	21.304	329.091	5335.601	5740.918	3.149	3.904	187.42	1	14.714
2/11/2018 3:15	278100	144.384	21.304	329.096	5332.011	5737.035	3.146	3.901	187.546	1	14.714
2/11/2018 3:30	279000	144.331	21.304	328.975	5327.962	5732.597	3.144	3.898	187.689	1	14.719
2/11/2018 3:45	279900	144.359	21.302	329.057	5327.51	5732.389	3.144	3.898	187.705	1	14.71
2/11/2018 4:00	280800	144.349	21.303	329.016	5323.219	5727.71	3.141	3.895	187.856	1	14.718
2/11/2018 4:15	281700	144.347	21.303	329.012	5318.229	5722.248	3.138	3.891	188.033	1	14.714
2/11/2018 4:30	282600	144.339	21.302	328.992	5315.311	5719.324	3.136	3.889	188.136	1	14.711
2/11/2018 4:45	283500	144.336	21.301	328.987	5311.678	5715.518	3.134	3.887	188.264	1	14.712
2/11/2018 5:00	284400	144.266	21.303	328.827	5307.864	5711.189	3.131	3.884	188.4	1	14.709
2/11/2018 5:15	285300	144.287	21.301	328.874	5306.709	5708.299	3.131	3.883	188.441	1	14.708
2/11/2018 5:30	286200	144.325	21.3	328.962	5301.42	5704.512	3.127	3.879	188.629	1	14.708
2/11/2018 5:45	287100	144.308	21.301	328.922	5297.404	5700.086	3.125	3.876	188.772	1	14.713
2/11/2018 6:00	288000	144.32	21.3	328.949	5296.278	5699	3.124	3.875	188.821	1	14.7
2/11/2018 6:15	288900	144.305	21.301	328.916	5292.042	5694.4	3.122	3.872	188.963	1	14.708
2/11/2018 6:30	289800	144.27	21.302	328.836	5289.495	5691.515	3.12	3.87	189.054	1	14.705
2/11/2018 6:45	290700	144.247	21.3	328.783	5285.17	5687.003	3.117	3.867	189.209	1	14.704
2/11/2018 7:00	291600	144.289	21.301	328.878	5282.123	5683.726	3.115	3.865	189.318	1	14.713
2/11/2018 7:15	292500	144.277	21.3	328.851	5279.136	5680.625	3.113	3.863	189.425	1	14.712
2/11/2018 7:30	293400	144.266	21.3	328.826	5275.769	5676.931	3.111	3.86	189.546	1	14.716
2/11/2018 7:45	294300	144.233	21.301	328.751	5275.158	5676.211	3.111	3.86	189.568	1	14.711
2/11/2018 8:00	295200	144.236	21.299	328.758	5270.237	5671.15	3.108	3.856	189.745	1	14.707
2/11/2018 8:15	296100	144.256	21.3	328.803	5269.012	5669.403	3.107	3.855	189.789	1	14.71
2/11/2018 8:30	297000	144.257	21.301	328.806	5265.919	5666.27	3.105	3.853	189.9	1	14.717
2/11/2018 8:45	297900	144.258	21.299	328.808	5265.288	5665.846	3.105	3.853	189.923	1	14.711
2/11/2018 9:00	298800	144.242	21.298	328.771	5259.214	5659.33	3.101	3.848	190.142	1	14.724
2/11/2018 9:15	299700	144.248	21.3	328.785	5256.24	5655.988	3.099	3.846	190.25	1	14.714
2/11/2018 9:30	300600	144.197	21.3	328.67	5253.662	5653.132	3.097	3.844	190.343	1	14.714
2/11/2018 9:45	301500	144.236	21.297	328.757	5249.198	5648.563	3.095	3.841	190.505	1	14.715
2/11/2018 10:00	302400	144.231	21.298	328.748	5246.538	5645.689	3.093	3.839	190.602	1	14.714
2/11/2018 10:15	303300	144.233	21.3	328.752	5246.533	5645.512	3.093	3.839	190.602	1	14.715
2/11/2018 10:30	304200	144.203	21.301	328.683	5243.255	5641.822	3.091	3.836	190.721	1	14.712
2/11/2018 10:45	305100	144.22	21.299	328.723	5240.995	5639.694	3.09	3.835	190.803	1	14.717
2/11/2018 11:00	306000	144.187	21.299	328.646	5238.897	5637.416	3.088	3.833	190.88	1	14.719
2/11/2018 11:15	306900	144.19	21.3	328.654	5236.036	5634.227	3.086	3.831	190.984	1	14.72
2/11/2018 11:30	307800	144.231	21.301	328.748	5235.634	5633.673	3.086	3.831	190.999	1	14.709
2/11/2018 11:45	308700	144.234	21.299	328.753	5230.469	5628.337	3.083	3.827	191.187	1	14.71
2/11/2018 12:00	309600	144.228	21.299	328.741	5228.143	5625.823	3.081	3.826	191.273	1	14.711
2/11/2018 12:15	310500	144.234	21.301	328.753	5227.612	5625.082	3.081	3.825	191.292	1	14.704
2/11/2018 12:30	311400	144.236	21.299	328.758	5225.751	5623.23	3.08	3.824	191.36	1	14.7
2/11/2018 12:45	312300	144.193	21.299	328.661	5220.485	5617.635	3.077	3.82	191.553	1	14.695
2/11/2018 13:00	313200	144.196	21.3	328.667	5219.014	5615.87	3.076	3.819	191.607	1	14.702
2/11/2018 13:15	314100	144.192	21.3	328.659	5215.883	5612.551	3.074	3.817	191.722	1	14.695
2/11/2018 13:30	315000	144.243	21.298	328.775	5213.688	5610.373	3.072	3.815	191.803	1	14.687
2/11/2018 13:45	315900	144.234	21.298	328.754	5210.113	5606.585	3.07	3.812	191.934	1	14.674
2/11/2018 14:00	316800	144.25	21.299	328.79	5208.013	5604.144	3.069	3.811	192.012	1	14.665
2/11/2018 14:15	317700	144.244	21.3	328.777	5206.11	5602.055	3.068	3.809	192.082	1	14.665
2/11/2018 14:30	318600	144.214	21.296	328.794	5202.351	5598.294	3.065	3.807	192.221	1	14.658
2/11/2018 14:45	319500	144.22	21.295	328.722	5201.634	5597.763	3.065	3.806	192.247	1	14.656
2/11/2018 15:00	320400	144.268	21.294	328.832	5197.124	5593.03	3.062	3.803	192.414	1	14.665
2/11/2018 15:15	321300	144.269	21.293	328.833	5194.811	5590.632	3.061	3.802	192.5	1	14.669
2/11/2018 15:30	322200	144.25	21.291	328.791	5192.566	5588.428	3.06	3.8	192.583	1	14.672
2/11/2018 15:45	323100	144.236	21.29	328.759	5191.583	5587.52	3.059	3.8	192.619	1	14.662
2/11/2018 16:00	324000	144.229	21.288	328.742	5189.104	5587.103	3.059	3.799	192.643	1	14.669
2/11/2018 16:15	324900	144.278	21.285	328.854	5188.99	5585.272	3.058	3.798	192.716	1	14.666
2/11/2018 16:30	325800	144.235	21.282	328.757	5186.107	5582.552	3.056	3.796	192.823	1	14.674
2/11/2018 16:45	326700	144.273	21.287	328.843	5186.669	5584.776	3.057	3.798	192.728	1	14.671
2/11/2018 17:00	327600	144.281	21.286	328.861	5190.52	5586.799	3.059	3.799	192.659	1	14.669
2/11/2018 17:15	328500	144.236	21.288	328.759	5192.739	5588.945	3.06	3.8	192.577	1	14.669
2/11/2018 17:30	329400	144.251	21.29	328.872	5192.663	5588.643	3.06	3.8	192.579	1	14.666
2/11/2018 17:45	330300	144.253	21.29	328.798	5195.473	5591.726	3.062	3.802	192.475	1	14.667
2/11/2018 18:00	331200	144.285	21.297	328.869	5199.678	5595.416	3.064	3.805	192.32	1	14.671
2/11/2018 18:15	332100	144.294	21.292	328.891	5200.7	5597.07	3.065	3.806	192.282	1	14.667
2/11/2018 18:30	333000	144.293	21.292	328.888	5203.691	5600.269	3.067	3.808	192.171	1	14.67
2/11/2018 18:45	333900	144.257	21.301	328.807	5207.24	5603.109	3.068	3.81	192.04	1	14.669
2/11/2018 19:00	334800	144.297	21.294	328.897	5209.236	5606.227	3.07	3.812	191.96	1	14.672
2/11/2018 19:15	335700	144.272	21.293	328.841	5211.125	5608.16	3.071	3.814	191.897	1	14.671
2/11/2018 19:30	336600	144.3	21.291	328.905	5213.44	5610.944	3.073	3.815	191.812	1	14.676
2/11/2018 19:45	337500	144.31	21.294	328.926	5216.115	5613.428	3.074	3.817	191.714	1	14.672
2/11/2018 20:00	338400	144.289	21.296	328.879	5218.912	5616.205	3.076	3.819	191.611	1	14.67
2/11/2018 20:15	339300	144.324	21.294	328.959	5220.637	5618.345	3.077	3.82	191.548	1	14.673
2/11/2018 20:30	340200	144.322	21.302	328.953	5223.043	5621.048	3.08	3.824	191.356	1	14.674
2/11/2018 20:45	341100	144.297	21.302								

2/13/2018 4:00	453600	144.442	21.319	329.227	5396.559	5804.646	3.186	3.947	185.303	1	14.744
2/13/2018 4:15	454500	144.4	21.32	329.132	5396.367	5804.283	3.186	3.947	185.31	1	14.742
2/13/2018 4:30	455400	144.44	21.319	329.224	5396.185	5804.213	3.186	3.947	185.316	1	14.739
2/13/2018 4:45	456300	144.419	21.32	329.176	5395.626	5803.602	3.185	3.946	185.335	1	14.754
2/13/2018 5:00	457200	144.414	21.321	329.164	5395.939	5803.781	3.186	3.947	185.325	1	14.759
2/13/2018 5:15	458100	144.407	21.32	329.149	5397.929	5806.08	3.187	3.948	185.256	1	14.761
2/13/2018 5:30	459000	144.41	21.318	329.155	5396.045	5804.272	3.186	3.947	185.321	1	14.761
2/13/2018 5:45	459900	144.399	21.319	329.129	5397.218	5805.397	3.187	3.948	185.281	1	14.764
2/13/2018 6:00	460800	144.396	21.324	329.122	5397.21	5804.751	3.186	3.947	185.281	1	14.764
2/13/2018 6:15	461700	144.39	21.324	329.11	5399.032	5806.68	3.187	3.949	185.218	1	14.772
2/13/2018 6:30	462600	144.378	21.325	329.081	5396.884	5804.255	3.186	3.947	185.292	1	14.774
2/13/2018 6:45	463500	144.375	21.328	329.076	5397.625	5804.686	3.186	3.947	185.267	1	14.779
2/13/2018 7:00	464400	144.371	21.328	329.066	5397.865	5805.027	3.186	3.947	185.258	1	14.779
2/13/2018 7:15	465300	144.345	21.315	329.006	5393.534	5801.895	3.184	3.945	185.407	1	14.782
2/13/2018 7:30	466200	144.381	21.309	329.09	5386.117	5794.604	3.18	3.94	185.663	1	14.786
2/13/2018 7:45	467100	144.346	21.306	329.01	5381.312	5789.757	3.177	3.937	185.828	1	14.793
2/13/2018 8:00	468000	144.377	21.305	329.08	5369.165	5776.825	3.17	3.928	186.249	1	14.791
2/13/2018 8:15	468900	144.341	21.304	328.998	5359.182	5766.27	3.164	3.921	186.596	1	14.794
2/13/2018 8:30	469800	144.38	21.305	329.085	5351.833	5758.415	3.159	3.916	186.852	1	14.8
2/13/2018 8:45	470700	144.376	21.303	329.077	5340.305	5746.022	3.152	3.907	187.255	1	14.799
2/13/2018 9:00	471600	144.339	21.303	328.994	5330.413	5735.461	3.146	3.9	187.603	1	14.801
2/13/2018 9:15	472500	144.39	21.302	329.11	5322.72	5727.204	3.141	3.894	187.874	1	14.804
2/13/2018 9:30	473400	144.378	21.302	329.082	5315.155	5719.095	3.136	3.889	188.141	1	14.805
2/13/2018 9:45	474300	144.393	21.301	329.116	5305.085	5708.332	3.13	3.882	188.498	1	14.798
2/13/2018 10:00	475200	144.392	21.302	329.114	5300.009	5702.839	3.126	3.878	188.679	1	14.804
2/13/2018 10:15	476100	144.382	21.301	329.09	5292.993	5695.35	3.122	3.873	188.929	1	14.807
2/13/2018 10:30	477000	144.389	21.3	329.108	5286.06	5687.993	3.118	3.868	189.177	1	14.804
2/13/2018 10:45	477900	144.365	21.3	329.052	5280.816	5682.362	3.114	3.864	189.365	1	14.808
2/13/2018 11:00	478800	144.398	21.299	329.127	5273.318	5674.446	3.11	3.859	189.634	1	14.803
2/13/2018 11:15	479700	144.352	21.301	329.023	5266.761	5667.166	3.106	3.854	189.87	1	14.804
2/13/2018 11:30	480600	144.396	21.3	329.123	5264.024	5664.272	3.104	3.852	189.969	1	14.799
2/13/2018 11:45	481500	144.403	21.299	329.139	5259.586	5659.701	3.101	3.849	190.129	1	14.803
2/13/2018 12:00	482400	144.409	21.298	329.152	5256.667	5656.609	3.099	3.846	190.235	1	14.795
2/13/2018 12:15	483300	144.406	21.297	329.145	5252.044	5651.829	3.097	3.843	190.402	1	14.797
2/13/2018 12:30	484200	144.37	21.298	329.065	5249.365	5648.793	3.095	3.841	190.499	1	14.796
2/13/2018 12:45	485100	144.41	21.297	329.156	5249.595	5649.102	3.095	3.841	190.491	1	14.789
2/13/2018 13:00	486000	144.417	21.296	329.17	5247.059	5646.576	3.094	3.84	190.583	1	14.8
2/13/2018 13:15	486900	144.411	21.295	329.158	5245.181	5644.586	3.092	3.838	190.651	1	14.786
2/13/2018 13:30	487800	144.421	21.295	329.179	5244.823	5644.201	3.092	3.838	190.664	1	14.79
2/13/2018 13:45	488700	144.425	21.288	329.19	5244.394	5644.602	3.092	3.838	190.68	1	14.785
2/13/2018 14:00	489600	144.419	21.29	329.175	5240.981	5640.736	3.09	3.836	190.804	1	14.782
2/13/2018 14:15	490500	144.413	21.285	329.161	5240.425	5640.697	3.09	3.836	190.824	1	14.783
2/13/2018 14:30	491400	144.393	21.291	329.116	5240.315	5639.836	3.09	3.835	190.828	1	14.776
2/13/2018 14:45	492300	144.419	21.288	329.176	5240.539	5640.463	3.09	3.836	190.82	1	14.784
2/13/2018 15:00	493200	144.421	21.292	329.18	5242.701	5642.272	3.091	3.837	190.741	1	14.784
2/13/2018 15:15	494100	144.418	21.294	329.173	5243.835	5643.238	3.092	3.837	190.7	1	14.785
2/13/2018 15:30	495000	144.378	21.291	329.082	5247.441	5647.527	3.094	3.84	190.569	1	14.788
2/13/2018 15:45	495900	144.38	21.29	329.087	5247.113	5647.265	3.094	3.84	190.581	1	14.79
2/13/2018 16:00	496800	144.415	21.289	329.146	5248.342	5648.872	3.095	3.841	190.536	1	14.786
2/13/2018 16:15	497700	144.406	21.29	329.145	5248.648	5648.917	3.095	3.841	190.525	1	14.793
2/13/2018 16:30	498600	144.411	21.287	329.156	5251.88	5652.721	3.097	3.844	190.408	1	14.79
2/13/2018 16:45	499500	144.364	21.3	329.049	5254.458	5654.059	3.098	3.845	190.315	1	14.794
2/13/2018 17:00	500400	144.396	21.301	329.123	5255.495	5654.981	3.098	3.845	190.277	1	14.792
2/13/2018 17:15	501300	144.399	21.294	329.129	5255.13	5655.455	3.099	3.846	190.29	1	14.797
2/13/2018 17:30	502200	144.356	21.297	329.031	5258.359	5658.624	3.101	3.848	190.173	1	14.795
2/13/2018 17:45	503100	144.356	21.295	329.031	5252.587	5653.408	3.103	3.851	190.021	1	14.797
2/13/2018 18:00	504000	144.394	21.296	329.118	5262.419	5663.024	3.103	3.851	190.027	1	14.803
2/13/2018 18:15	504900	144.357	21.303	329.033	5265.472	5665.565	3.105	3.853	189.916	1	14.795
2/13/2018 18:30	505800	144.385	21.298	329.098	5264.996	5665.614	3.105	3.853	189.934	1	14.801
2/13/2018 18:45	506700	144.395	21.297	329.122	5267.513	5668.373	3.106	3.854	189.843	1	14.795
2/13/2018 19:00	507600	144.34	21.298	328.995	5269.148	5670.082	3.107	3.856	189.784	1	14.807
2/13/2018 19:15	508500	144.371	21.302	329.066	5268.944	5671.647	3.108	3.855	189.79	1	14.807
2/13/2018 19:30	509400	144.377	21.301	329.08	5272.633	5673.422	3.109	3.858	189.659	1	14.806
2/13/2018 19:45	510300	144.328	21.303	328.968	5273.937	5674.663	3.11	3.859	189.612	1	14.809
2/13/2018 20:00	511200	144.359	21.301	329.038	5275.201	5676.217	3.111	3.86	189.566	1	14.811
2/13/2018 20:15	512100	144.365	21.303	329.051	5276.703	5677.66	3.112	3.861	189.512	1	14.81
2/13/2018 20:30	513000	144.353	21.307	329.025	5276.949	5677.434	3.112	3.861	189.503	1	14.815
2/13/2018 20:45	513900	144.356	21.303	329.033	5280.337	5681.232	3.114	3.863	189.382	1	14.817
2/13/2018 21:00	514800	144.351	21.306	329.021	5280.025	5680.865	3.114	3.863	189.393	1	14.811
2/13/2018 21:15	515700	144.311	21.305	328.93	5281.75	5682.824	3.115	3.864	189.331	1	14.816
2/13/2018 21:30	516600	144.349	21.305	329.015	5283.125	5684.274	3.116	3.865	189.282	1	14.816
2/13/2018 21:45	517500	144.338	21.303	328.991	5284.272	5685.721	3.116	3.866	189.241	1	14.82
2/13/2018 22:00	518400	144.302	21.302	328.908	5283.988	5685.58	3.116	3.866	189.251	1	14.819
2/13/2018 22:15	519300	144.341	21.298	328.997	5285.552	5687.747	3.118	3.868	189.195	1	14.818
2/13/2018 22:30	520200	144.292	21.304	328.885	5287.829	5689.415	3.119	3.869	189.114	1	14.818
2/13/2018 22:45	521100	144.282	21.308	328.862	5290.705	5692.141	3.12	3.871	189.011	1	14.825
2/13/2018 23:00	522000	144.287	21.307	328.874	5289.896	5691.383	3.12	3.87	189.04	1	14.822
2/13/2018 23:15	522900	144.316	21.302	328.94	5291.6	5693.729	3.121	3.872	188.979	1	14.826
2/13/2018 23:30	523800	144.271	21.307	328.838	5294.596	5696.379	3.123	3.874	188.872	1	14.828
2/13/2018 23:45	524700	144.27	21.31	328.85	5295.672	5697.167	3.123	3.874	188.833	1	14.82
2/14/2018 0:00	525600	144.308	21.311	328.922	5296.451	5697.891	3.124	3.875	188.806	1	14.824
2/14/2018 0:15	526500	144.306	21.302	328.919	5297.371	5699.959	3.125	3.876	188.773	1	14.821
2/14/2018 0:30	527400	144.298	21.303	328.899	5296.908	5699.348	3.124	3.876	188.789	1	14.823
2/14/2018 0:45	528300	144.334	21.306	328.982	5299.317	5701.612	3.126	3.877	188.704	1	14.818
2/14/2018 1:00	529200	144.3	21.303	328.903	5299.039	5701.25	3.126	3.877	188.713	1	14.822
2/14/2018 1:15	530100	144.287	21.307	328.875	5299.181	5703.552	3.126	3.877	188.708	1	14.822
2/14/2018											

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	
	2/8/2018	0:00:00	0	91.445	16	1345.2
	2/8/2018	0:15:00	0	91.446	16	1345.2
	2/8/2018	0:30:00	0	91.43	16	1346.4
	2/8/2018	0:45:00	0	91.434	16	1345.2
	2/8/2018	1:00:00	0	91.436	16	1345.2
	2/8/2018	1:15:00	0	91.444	16	1346.4
	2/8/2018	1:30:00	0	91.445	16	1345.2
	2/8/2018	1:45:00	0	91.444	16	1345.2
	2/8/2018	2:00:00	0	91.446	16	1345.2
	2/8/2018	2:15:00	0	91.487	16	1346.4
	2/8/2018	2:30:00	0	91.472	16	1346.4
	2/8/2018	2:45:00	0	91.454	16	1346.4
	2/8/2018	3:00:00	0	91.457	16	1344
	2/8/2018	3:15:00	0	91.482	16	1345.2
	2/8/2018	3:30:00	0	91.465	16	1344
	2/8/2018	3:45:00	0	91.445	16	1345.2
	2/8/2018	4:00:00	0	91.477	16	1345.2
	2/8/2018	4:15:00	0	91.458	16	1345.2
	2/8/2018	4:30:00	0	91.491	16	1344
	2/8/2018	4:45:00	0	91.452	16	1346.4
	2/8/2018	5:00:00	0	91.475	16	1346.4
	2/8/2018	5:15:00	0	91.515	16	1345.2
	2/8/2018	5:30:00	0	91.454	16	1346.4
	2/8/2018	5:45:00	0	91.475	16	1346.4
	2/8/2018	6:00:00	0	91.493	16	1346.4
	2/8/2018	6:15:00	0	91.473	16	1346.4
	2/8/2018	6:30:00	0	91.433	16	1346.4
	2/8/2018	6:45:00	0	91.47	16	1345.2
	2/8/2018	7:00:00	0	91.428	16	1346.4
	2/8/2018	7:15:00	0	91.461	16	1345.2
	2/8/2018	7:30:00	0	91.416	16	1346.4
	2/8/2018	7:45:00	0	91.433	16	1344
	2/8/2018	8:00:00	0	91.47	16	1347.6
	2/8/2018	8:15:00	0	91.446	16	1345.2
	2/8/2018	8:30:00	0	91.445	16	1346.4
	2/8/2018	8:45:00	0	91.438	16	1345.2
	2/8/2018	9:00:00	0	91.496	16	1346.4
	2/8/2018	9:15:00	0	91.456	16	1346.4
	2/8/2018	9:30:00	0	91.438	16	1346.4
	2/8/2018	9:45:00	0	91.441	16	1346.4
	2/8/2018	10:00:00	0	91.406	16	1347.6
	2/8/2018	10:15:00	0	91.408	16	1346.4
	2/8/2018	10:30:00	0	91.41	16	1346.4
	2/8/2018	10:45:00	0	91.415	16	1346.4
	2/8/2018	11:00:00	0	91.403	16	1347.6
	2/8/2018	11:15:00	0	91.412	16	1345.2
	2/8/2018	11:30:00	0	91.421	16	1347.6
	2/8/2018	11:45:00	0	91.414	16	1347.6
	2/8/2018	12:00:00	0	91.409	16	1347.6
	2/8/2018	12:15:00	0	91.425	16	1347.6
	2/8/2018	12:30:00	0	91.4	16	1347.6
	2/8/2018	12:45:00	0	91.411	16	1347.6
	2/8/2018	13:00:00	0	91.423	16	1346.4
	2/8/2018	13:15:00	0	91.429	16	1346.4
	2/8/2018	13:30:00	0	91.414	16	1346.4
	2/8/2018	13:45:00	0	91.418	16	1345.2
	2/8/2018	14:00:00	0	91.383	16	1345.2
	2/8/2018	14:15:00	0	91.406	16	1346.4
	2/8/2018	14:30:00	0	91.441	16	1345.2
	2/8/2018	14:45:00	0	91.417	16	1347.6
	2/8/2018	15:00:00	0	91.34	16	1346.4
	2/8/2018	15:15:00	0	91.418	16	1347.6
	2/8/2018	15:30:00	0	91.383	16	1346.4
	2/8/2018	15:45:00	0	91.387	16	1346.4
	2/8/2018	16:00:00	0	91.445	16	1347.6
	2/8/2018	16:15:00	0	91.395	16	1347.6
	2/8/2018	16:30:00	0	91.394	16	1347.6
	2/8/2018	16:45:00	0	91.367	16	1346.4
	2/8/2018	17:00:00	0	91.405	16	1346.4
	2/8/2018	17:15:00	0	91.389	16	1346.4
	2/8/2018	17:30:00	0	91.391	16	1346.4
	2/8/2018	17:45:00	0	91.396	16	1347.6
	2/8/2018	18:00:00	0	91.375	16	1345.2
	2/8/2018	18:15:00	0	91.372	16	1346.4
	2/8/2018	18:30:00	0	91.356	16	1347.6
	2/8/2018	18:45:00	0	91.377	16	1347.6
	2/8/2018	19:00:00	0	91.378	16	1346.4
	2/8/2018	19:15:00	0	91.419	16	1346.4
	2/8/2018	19:30:00	0	91.378	16	1346.4
	2/8/2018	19:45:00	0	91.38	16	1346.4

2/8/2018	20:00:00	0	91.397	16	1345.2
2/8/2018	20:15:00	0	91.373	16	1346.4
2/8/2018	20:30:00	0	91.428	16	1345.2
2/8/2018	20:45:00	0	91.409	16	1347.6
2/8/2018	21:00:00	0	91.368	16	1346.4
2/8/2018	21:15:00	0	91.367	16	1345.2
2/8/2018	21:30:00	0	91.364	16	1347.6
2/8/2018	21:45:00	0	91.381	16	1346.4
2/8/2018	22:00:00	0	91.377	16	1346.4
2/8/2018	22:15:00	0	91.356	16	1347.6
2/8/2018	22:30:00	0	91.395	16	1346.4
2/8/2018	22:45:00	0	91.378	16	1346.4
2/8/2018	23:00:00	0	91.419	16	1347.6
2/8/2018	23:15:00	0	91.378	16	1347.6
2/8/2018	23:30:00	0	91.399	16	1345.2
2/8/2018	23:45:00	0	91.404	16	1346.4
2/9/2018	0:00:00	0	91.387	16	1346.4
2/9/2018	0:15:00	0	91.389	16	1347.6
2/9/2018	0:30:00	0	91.41	16	1347.6
2/9/2018	0:45:00	0	91.395	16	1346.4
2/9/2018	1:00:00	0	91.404	16	1346.4
2/9/2018	1:15:00	0	91.426	16	1347.6
2/9/2018	1:30:00	0	91.408	16	1346.4
2/9/2018	1:45:00	0	91.387	16	1347.6
2/9/2018	2:00:00	0	91.429	16	1347.6
2/9/2018	2:15:00	0	91.412	16	1345.2
2/9/2018	2:30:00	0	91.414	16	1346.4
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2/9/2018	3:00:00	0	91.419	16	1347.6
2/9/2018	3:15:00	0	91.441	16	1346.4
2/9/2018	3:30:00	0	91.406	16	1346.4
2/9/2018	3:45:00	0	91.396	16	1347.6
2/9/2018	4:00:00	0	91.459	16	1347.6
2/9/2018	4:15:00	0	91.418	16	1347.6
2/9/2018	4:30:00	0	91.441	16	1347.6
2/9/2018	4:45:00	0	91.425	16	1347.6
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2/9/2018	5:15:00	0	91.424	16	1347.6
2/9/2018	5:30:00	0	91.428	16	1347.6
2/9/2018	5:45:00	0	91.427	16	1347.6
2/9/2018	6:00:00	0	91.435	16	1346.4
2/9/2018	6:15:00	0	91.474	16	1346.4
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2/9/2018	7:00:00	0	91.455	16	1346.4
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2/9/2018	9:00:00	0	91.404	16	1347.6
2/9/2018	9:15:00	0	91.424	16	1345.2
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2/9/2018	9:45:00	0	91.408	16	1347.6
2/9/2018	10:00:00	0	91.414	16	1345.2
2/9/2018	10:15:00	0	91.393	16	1346.4
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2/9/2018	11:30:00	0	91.398	16	1348.7
2/9/2018	11:45:00	0	91.41	16	1347.6
2/9/2018	12:00:00	0	91.422	16	1345.2
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2/9/2018	14:45:00	0	91.386	16	1346.4
2/9/2018	15:00:00	0	91.341	16	1346.4
2/9/2018	15:15:00	0	91.365	16	1346.4
2/9/2018	15:30:00	0	91.33	16	1346.4
2/9/2018	15:45:00	0	91.376	16	1346.4
2/9/2018	16:00:00	0	91.378	16	1346.4
2/9/2018	16:15:00	0	91.361	16	1347.6
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2/9/2018	20:00:00	0	91.371	16	1347.6
2/9/2018	20:15:00	0	91.368	16	1347.6
2/9/2018	20:30:00	0	91.37	16	1346.4
2/9/2018	20:45:00	0	91.379	16	1346.4
2/9/2018	21:00:00	0	91.299	16	1346.4
2/9/2018	21:15:00	0	91.379	16	1346.4
2/9/2018	21:30:00	0	91.364	16	1346.4
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2/9/2018	22:00:00	0	91.362	16	1347.6
2/9/2018	22:15:00	0	91.381	16	1346.4
2/9/2018	22:30:00	0	91.359	16	1346.4
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2/9/2018	23:15:00	0	91.366	16	1347.6
2/9/2018	23:30:00	0	91.383	16	1346.4
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2/10/2018	0:15:00	0	91.357	16	1346.4
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2/10/2018	0:45:00	0	91.373	16	1348.7
2/10/2018	1:00:00	0	91.377	16	1346.4
2/10/2018	1:15:00	0	91.361	16	1346.4
2/10/2018	1:30:00	0	91.376	16	1347.6
2/10/2018	1:45:00	0	91.398	16	1345.2
2/10/2018	2:00:00	0	91.379	16	1346.4
2/10/2018	2:15:00	0	91.359	16	1347.6
2/10/2018	2:30:00	0	91.358	16	1347.6
2/10/2018	2:45:00	0	91.379	16	1347.6
2/10/2018	3:00:00	0	91.367	16	1347.6
2/10/2018	3:15:00	0	91.373	16	1346.4
2/10/2018	3:30:00	0	91.356	16	1347.6
2/10/2018	3:45:00	0	91.369	16	1345.2
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2/10/2018	4:30:00	0	91.381	16	1345.2
2/10/2018	4:45:00	0	91.386	16	1348.7
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2/10/2018	6:00:00	0	91.43	16	1347.6
2/10/2018	6:15:00	0	91.383	16	1347.6
2/10/2018	6:30:00	0	91.401	16	1347.6
2/10/2018	6:45:00	0	91.397	16	1346.4
2/10/2018	7:00:00	0	91.394	16	1347.6
2/10/2018	7:15:00	0	91.344	16	1346.4
2/10/2018	7:30:00	0	91.396	16	1347.6
2/10/2018	7:45:00	0	91.402	16	1347.6
2/10/2018	8:00:00	0	91.398	16	1347.6
2/10/2018	8:15:00	0	91.399	16	1347.6
2/10/2018	8:30:00	0	91.392	16	1346.4
2/10/2018	8:45:00	0	91.368	16	1346.4
2/10/2018	9:00:00	0	91.368	16	1345.2
2/10/2018	9:15:00	0	91.381	16	1347.6
2/10/2018	9:30:00	0	91.363	16	1347.6
2/10/2018	9:45:00	0	91.366	16	1345.2
2/10/2018	10:00:00	0	91.332	16	1347.6
2/10/2018	10:15:00	0	91.375	16	1347.6
2/10/2018	10:30:00	0	91.356	16	1348.7
2/10/2018	10:45:00	0	91.385	16	1347.6
2/10/2018	11:00:00	0	91.328	16	1346.4
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2/10/2018	12:00:00	0	91.368	16	1348.7
2/10/2018	12:15:00	0	91.359	16	1347.6
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2/10/2018	13:00:00	0	91.313	16	1346.4
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2/10/2018	13:45:00	0	91.306	16	1346.4
2/10/2018	14:00:00	0	91.308	16	1347.6
2/10/2018	14:15:00	0	91.276	16	1347.6
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2/10/2018	15:45:00	0	91.325	16	1347.6
2/10/2018	16:00:00	0	91.325	16	1347.6
2/10/2018	16:15:00	0	91.31	16	1346.4
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2/10/2018	17:45:00	0	91.273	16	1345.2
2/10/2018	18:00:00	0	91.258	16	1346.4
2/10/2018	18:15:00	0	91.298	16	1347.6
2/10/2018	18:30:00	0	91.317	16	1346.4
2/10/2018	18:45:00	0	91.312	16	1347.6
2/10/2018	19:00:00	0	91.275	16	1349.9
2/10/2018	19:15:00	0	91.269	16	1346.4
2/10/2018	19:30:00	0	91.266	16	1347.6
2/10/2018	19:45:00	0	91.286	16	1347.6

2/10/2018	20:00:00	0	91.284	16	1347.6
2/10/2018	20:15:00	0	91.299	16	1345.2
2/10/2018	20:30:00	0	91.298	16	1346.4
2/10/2018	20:45:00	0	91.294	16	1346.4
2/10/2018	21:00:00	0	91.275	16	1346.4
2/10/2018	21:15:00	0	91.271	16	1347.6
2/10/2018	21:30:00	0	91.287	16	1346.4
2/10/2018	21:45:00	0	91.29	16	1346.4
2/10/2018	22:00:00	0	91.285	16	1347.6
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2/14/2018	4:15:00	0	91.128	16	1348.7
2/14/2018	4:30:00	0	91.074	16	1347.6
2/14/2018	4:45:00	0	91.116	16	1347.6
2/14/2018	5:00:00	0	91.118	16	1347.6
2/14/2018	5:15:00	0	91.091	16	1347.6
2/14/2018	5:30:00	0	91.128	16	1346.4
2/14/2018	5:45:00	0	91.087	16	1347.6
2/14/2018	6:00:00	0	91.127	16	1347.6
2/14/2018	6:15:00	0	91.105	16	1346.4
2/14/2018	6:30:00	0	91.141	16	1346.4
2/14/2018	6:45:00	0	91.12	16	1347.6
2/14/2018	7:00:00	0	91.1	16	1346.4
2/14/2018	7:15:00	0	91.096	16	1347.6
2/14/2018	7:30:00	0	91.092	16	1349.9
2/14/2018	7:45:00	0	91.141	16	1345.2
2/14/2018	8:00:00	0	91.128	16	1347.6
2/14/2018	8:15:00	0	91.061	16	1347.6
2/14/2018	8:30:00	0	91.078	16	1347.6
2/14/2018	8:45:00	0	91.088	16	1346.4
2/14/2018	9:00:00	0	91.065	16	1346.4
2/14/2018	9:15:00	0	91.083	16	1346.4
2/14/2018	9:30:00	0	91.059	16	1347.6
2/14/2018	9:45:00	0	91.076	16	1346.4
2/14/2018	10:00:00	0	91.077	16	1346.4
2/14/2018	10:15:00	0	91.068	16	1347.6
2/14/2018	10:30:00	0	91.071	16	1347.6
2/14/2018	10:45:00	0	91.068	16	1347.6
2/14/2018	11:00:00	0	91.039	16	1346.4
2/14/2018	11:15:00	0	91.077	16	1346.4
2/14/2018	11:30:00	0	91.082	16	1347.6
2/14/2018	11:45:00	0	91.07	16	1347.6
2/14/2018	12:00:00	0	91.044	16	1347.6
2/14/2018	12:15:00	0	91.049	16	1346.4
2/14/2018	12:30:00	0	91.05	16	1346.4
2/14/2018	12:45:00	0	91.035	16	1346.4
2/14/2018	13:00:00	0	91.006	16	1347.6
2/14/2018	13:15:00	0	91.011	16	1347.6
2/14/2018	13:30:00	0	91.033	16	1347.6
2/14/2018	13:45:00	0	91.029	16	1346.4
2/14/2018	14:00:00	0	91.013	16	1347.6
2/14/2018	14:15:00	0	91.039	16	1347.6
2/14/2018	14:30:00	0	91.023	16	1346.4
2/14/2018	14:45:00	0	91.024	16	1347.6
2/14/2018	15:00:00	0	91.024	16	1347.6
2/14/2018	15:15:00	0	91.029	16	1346.4
2/14/2018	15:30:00	0	91.037	16	1347.6
2/14/2018	15:45:00	0	91.04	16	1346.4
2/14/2018	16:00:00	0	91.001	16	1347.6
2/14/2018	16:15:00	0	91.002	16	1346.4
2/14/2018	16:30:00	0	91	16	1347.6
2/14/2018	16:45:00	0	91	16	1347.6
2/14/2018	17:00:00	0	91.003	16	1346.4
2/14/2018	17:15:00	0	90.983	16	1347.6
2/14/2018	17:30:00	0	91.005	16	1346.4
2/14/2018	17:45:00	0	91.003	16	1347.6
2/14/2018	18:00:00	0	91.019	16	1347.6
2/14/2018	18:15:00	0	91.002	16	1346.4
2/14/2018	18:30:00	0	91.015	16	1347.6
2/14/2018	18:45:00	0	91.027	16	1347.6
2/14/2018	19:00:00	0	91.007	16	1347.6
2/14/2018	19:15:00	0	91.003	16	1347.6
2/14/2018	19:30:00	0	91.038	16	1346.4
2/14/2018	19:45:00	0	91.028	16	1347.6

2/14/2018	20:00:00	0	90.987	16	1346.4
2/14/2018	20:15:00	0	90.982	16	1347.6
2/14/2018	20:30:00	0	90.994	16	1347.6
2/14/2018	20:45:00	0	91.042	16	1346.4
2/14/2018	21:00:00	0	91.013	16	1346.4
2/14/2018	21:15:00	0	91.014	16	1347.6
2/14/2018	21:30:00	0	91.046	16	1347.6
2/14/2018	21:45:00	0	90.976	16	1347.6
2/14/2018	22:00:00	0	90.953	16	1348.7
2/14/2018	22:15:00	0	91.011	16	1347.6
2/14/2018	22:30:00	0	91.012	16	1347.6
2/14/2018	22:45:00	0	90.991	16	1347.6
2/14/2018	23:00:00	0	90.996	16	1347.6
2/14/2018	23:15:00	0	90.962	16	1347.6
2/14/2018	23:30:00	0	91.02	16	1347.6
2/14/2018	23:45:00	0	90.962	16	1347.6

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	
	2/8/2018	0:00:00	0	30.933	15.7	1959.3
	2/8/2018	0:15:00	0	30.895	15.7	1959.3
	2/8/2018	0:30:00	0	30.918	15.7	1959.3
	2/8/2018	0:45:00	0	30.922	15.7	1959.3
	2/8/2018	1:00:00	0	30.905	15.7	1959.3
	2/8/2018	1:15:00	0	30.893	15.7	1959.3
	2/8/2018	1:30:00	0	30.933	15.7	1959.3
	2/8/2018	1:45:00	0	30.893	15.7	1959.3
	2/8/2018	2:00:00	0	30.954	15.7	1959.3
	2/8/2018	2:15:00	0	30.917	15.7	1959.3
	2/8/2018	2:30:00	0	30.901	15.7	1956.9
	2/8/2018	2:45:00	0	30.923	15.6	1960.2
	2/8/2018	3:00:00	0	30.926	15.6	1960.2
	2/8/2018	3:15:00	0	30.95	15.7	1956.9
	2/8/2018	3:30:00	0	30.953	15.7	1956.9
	2/8/2018	3:45:00	0	30.953	15.7	1959.3
	2/8/2018	4:00:00	0	30.906	15.7	1959.3
	2/8/2018	4:15:00	0	30.927	15.7	1956.9
	2/8/2018	4:30:00	0	30.94	15.7	1959.3
	2/8/2018	4:45:00	0	30.901	15.7	1959.3
	2/8/2018	5:00:00	0	30.943	15.7	1959.3
	2/8/2018	5:15:00	0	30.944	15.7	1956.9
	2/8/2018	5:30:00	0	30.903	15.7	1956.9
	2/8/2018	5:45:00	0	30.963	15.7	1959.3
	2/8/2018	6:00:00	0	30.923	15.7	1959.3
	2/8/2018	6:15:00	0	30.922	15.7	1956.9
	2/8/2018	6:30:00	0	30.902	15.7	1956.9
	2/8/2018	6:45:00	0	30.938	15.7	1956.9
	2/8/2018	7:00:00	0	30.897	15.7	1956.9
	2/8/2018	7:15:00	0	30.91	15.7	1956.9
	2/8/2018	7:30:00	0	30.885	15.7	1959.3
	2/8/2018	7:45:00	0	30.902	15.7	1959.3
	2/8/2018	8:00:00	0	30.88	15.7	1959.3
	2/8/2018	8:15:00	0	30.895	15.7	1956.9
	2/8/2018	8:30:00	0	30.874	15.7	1959.3
	2/8/2018	8:45:00	0	30.867	15.7	1959.3
	2/8/2018	9:00:00	0	30.905	15.7	1959.3
	2/8/2018	9:15:00	0	30.925	15.7	1959.3
	2/8/2018	9:30:00	0	30.887	15.7	1956.9
	2/8/2018	9:45:00	0	30.89	15.7	1959.3
	2/8/2018	10:00:00	0	30.895	15.7	1960.5
	2/8/2018	10:15:00	0	30.877	15.7	1959.3
	2/8/2018	10:30:00	0	30.918	15.7	1959.3
	2/8/2018	10:45:00	0	30.943	15.7	1959.3
	2/8/2018	11:00:00	0	30.871	15.7	1959.3
	2/8/2018	11:15:00	0	30.9	15.7	1959.3
	2/8/2018	11:30:00	0	30.909	15.7	1959.3
	2/8/2018	11:45:00	0	30.902	15.7	1959.3
	2/8/2018	12:00:00	0	30.957	15.7	1959.3
	2/8/2018	12:15:00	0	30.992	15.7	1960.5
	2/8/2018	12:30:00	0	30.987	15.7	1959.3
	2/8/2018	12:45:00	0	30.978	15.7	1959.3
	2/8/2018	13:00:00	0	30.931	15.7	1959.3
	2/8/2018	13:15:00	0	30.976	15.7	1959.3
	2/8/2018	13:30:00	0	31.021	15.7	1959.3
	2/8/2018	13:45:00	0	30.965	15.7	1959.3
	2/8/2018	14:00:00	0	30.93	15.7	1959.3
	2/8/2018	14:15:00	0	30.953	15.7	1959.3
	2/8/2018	14:30:00	0	30.988	15.7	1959.3
	2/8/2018	14:45:00	0	30.984	15.7	1959.3
	2/8/2018	15:00:00	0	30.926	15.7	1959.3
	2/8/2018	15:15:00	0	30.965	15.7	1956.9
	2/8/2018	15:30:00	0	30.911	15.7	1959.3
	2/8/2018	15:45:00	0	30.934	15.7	1959.3
	2/8/2018	16:00:00	0	30.933	15.7	1959.3
	2/8/2018	16:15:00	0	30.923	15.7	1959.3
	2/8/2018	16:30:00	0	30.941	15.7	1959.3
	2/8/2018	16:45:00	0	30.973	15.7	1959.3
	2/8/2018	17:00:00	0	30.971	15.7	1959.3
	2/8/2018	17:15:00	0	30.975	15.7	1959.3
	2/8/2018	17:30:00	0	30.938	15.7	1959.3
	2/8/2018	17:45:00	0	30.982	15.7	1959.3
	2/8/2018	18:00:00	0	30.962	15.7	1959.3
	2/8/2018	18:15:00	0	30.959	15.7	1959.3
	2/8/2018	18:30:00	0	30.962	15.7	1959.3
	2/8/2018	18:45:00	0	30.944	15.7	1959.3
	2/8/2018	19:00:00	0	30.945	15.7	1959.3
	2/8/2018	19:15:00	0	30.927	15.7	1959.3
	2/8/2018	19:30:00	0	30.945	15.7	1959.3
	2/8/2018	19:45:00	0	30.928	15.7	1959.3

2/8/2018	20:00:00	0	30.925	15.7	1959.3
2/8/2018	20:15:00	0	30.94	15.7	1959.3
2/8/2018	20:30:00	0	30.956	15.7	1959.3
2/8/2018	20:45:00	0	30.956	15.7	1959.3
2/8/2018	21:00:00	0	30.916	15.7	1959.3
2/8/2018	21:15:00	0	30.934	15.7	1959.3
2/8/2018	21:30:00	0	30.97	15.7	1959.3
2/8/2018	21:45:00	0	30.967	15.7	1959.3
2/8/2018	22:00:00	0	30.905	15.7	1959.3
2/8/2018	22:15:00	0	30.962	15.7	1959.3
2/8/2018	22:30:00	0	30.922	15.7	1959.3
2/8/2018	22:45:00	0	30.886	15.7	1959.3
2/8/2018	23:00:00	0	30.927	15.7	1956.9
2/8/2018	23:15:00	0	30.945	15.6	1962.6
2/8/2018	23:30:00	0	30.887	15.7	1959.3
2/8/2018	23:45:00	0	30.97	15.7	1959.3
2/9/2018	0:00:00	0	30.915	15.7	1959.3
2/9/2018	0:15:00	0	30.936	15.7	1959.3
2/9/2018	0:30:00	0	30.937	15.7	1959.3
2/9/2018	0:45:00	0	30.981	15.7	1959.3
2/9/2018	1:00:00	0	30.951	15.7	1959.3
2/9/2018	1:15:00	0	30.934	15.7	1959.3
2/9/2018	1:30:00	0	30.955	15.7	1959.3
2/9/2018	1:45:00	0	30.935	15.7	1959.3
2/9/2018	2:00:00	0	30.976	15.7	1959.3
2/9/2018	2:15:00	0	30.94	15.7	1959.3
2/9/2018	2:30:00	0	30.942	15.7	1959.3
2/9/2018	2:45:00	0	30.964	15.7	1959.3
2/9/2018	3:00:00	0	30.927	15.7	1959.3
2/9/2018	3:15:00	0	30.949	15.7	1959.3
2/9/2018	3:30:00	0	30.954	15.7	1959.3
2/9/2018	3:45:00	0	30.982	15.7	1959.3
2/9/2018	4:00:00	0	30.947	15.7	1959.3
2/9/2018	4:15:00	0	30.946	15.6	1962.6
2/9/2018	4:30:00	0	30.969	15.7	1959.3
2/9/2018	4:45:00	0	31.031	15.7	1959.3
2/9/2018	5:00:00	0	30.974	15.7	1959.3
2/9/2018	5:15:00	0	30.972	15.7	1959.3
2/9/2018	5:30:00	0	30.936	15.7	1959.3
2/9/2018	5:45:00	0	30.955	15.7	1959.3
2/9/2018	6:00:00	0	30.963	15.7	1959.3
2/9/2018	6:15:00	0	30.982	15.7	1959.3
2/9/2018	6:30:00	0	30.956	15.7	1959.3
2/9/2018	6:45:00	0	30.932	15.7	1959.3
2/9/2018	7:00:00	0	31.002	15.7	1959.3
2/9/2018	7:15:00	0	30.918	15.7	1959.3
2/9/2018	7:30:00	0	30.968	15.7	1959.3
2/9/2018	7:45:00	0	30.901	15.7	1959.3
2/9/2018	8:00:00	0	30.917	15.7	1959.3
2/9/2018	8:15:00	0	30.935	15.7	1959.3
2/9/2018	8:30:00	0	30.894	15.7	1959.3
2/9/2018	8:45:00	0	30.933	15.7	1959.3
2/9/2018	9:00:00	0	30.951	15.7	1959.3
2/9/2018	9:15:00	0	30.912	15.7	1959.3
2/9/2018	9:30:00	0	30.893	15.7	1959.3
2/9/2018	9:45:00	0	30.896	15.7	1960.5
2/9/2018	10:00:00	0	30.922	15.7	1959.3
2/9/2018	10:15:00	0	30.941	15.7	1959.3
2/9/2018	10:30:00	0	30.902	15.7	1959.3
2/9/2018	10:45:00	0	30.901	15.7	1959.3
2/9/2018	11:00:00	0	30.949	15.7	1959.3
2/9/2018	11:15:00	0	30.938	15.7	1959.3
2/9/2018	11:30:00	0	30.925	15.7	1960.5
2/9/2018	11:45:00	0	30.977	15.7	1959.3
2/9/2018	12:00:00	0	30.969	15.7	1959.3
2/9/2018	12:15:00	0	31.018	15.7	1959.3
2/9/2018	12:30:00	0	30.98	15.7	1956.9
2/9/2018	12:45:00	0	30.966	15.7	1959.3
2/9/2018	13:00:00	0	30.99	15.7	1960.5
2/9/2018	13:15:00	0	30.957	15.7	1960.5
2/9/2018	13:30:00	0	30.986	15.7	1959.3
2/9/2018	13:45:00	0	30.948	15.7	1959.3
2/9/2018	14:00:00	0	30.988	15.7	1959.3
2/9/2018	14:15:00	0	30.99	15.7	1959.3
2/9/2018	14:30:00	0	31.01	15.7	1959.3
2/9/2018	14:45:00	0	30.972	15.7	1959.3
2/9/2018	15:00:00	0	30.987	15.7	1959.3
2/9/2018	15:15:00	0	30.991	15.7	1959.3
2/9/2018	15:30:00	0	30.975	15.7	1959.3
2/9/2018	15:45:00	0	30.963	15.7	1956.9
2/9/2018	16:00:00	0	30.945	15.7	1959.3
2/9/2018	16:15:00	0	30.987	15.7	1959.3
2/9/2018	16:30:00	0	30.949	15.7	1959.3
2/9/2018	16:45:00	0	31.011	15.7	1959.3
2/9/2018	17:00:00	0	31.012	15.7	1959.3
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2/9/2018	17:30:00	0	30.969	15.7	1960.5
2/9/2018	17:45:00	0	30.932	15.7	1959.3
2/9/2018	18:00:00	0	30.985	15.7	1959.3
2/9/2018	18:15:00	0	30.984	15.7	1959.3
2/9/2018	18:30:00	0	30.962	15.7	1959.3
2/9/2018	18:45:00	0	30.965	15.7	1959.3
2/9/2018	19:00:00	0	30.944	15.7	1960.5
2/9/2018	19:15:00	0	30.943	15.7	1960.5
2/9/2018	19:30:00	0	31.002	15.7	1959.3
2/9/2018	19:45:00	0	30.978	15.7	1959.3

2/9/2018	20:00:00	0	30.977	15.7	1959.3
2/9/2018	20:15:00	0	30.935	15.7	1959.3
2/9/2018	20:30:00	0	30.957	15.7	1959.3
2/9/2018	20:45:00	0	30.985	15.7	1959.3
2/9/2018	21:00:00	0	30.945	15.7	1959.3
2/9/2018	21:15:00	0	30.966	15.7	1959.3
2/9/2018	21:30:00	0	30.951	15.7	1959.3
2/9/2018	21:45:00	0	30.95	15.7	1960.5
2/9/2018	22:00:00	0	30.988	15.7	1959.3
2/9/2018	22:15:00	0	30.987	15.7	1959.3
2/9/2018	22:30:00	0	30.985	15.7	1956.9
2/9/2018	22:45:00	0	30.989	15.7	1960.5
2/9/2018	23:00:00	0	30.932	15.7	1960.5
2/9/2018	23:15:00	0	30.973	15.7	1960.5
2/9/2018	23:30:00	0	30.97	15.7	1959.3
2/9/2018	23:45:00	0	30.973	15.7	1959.3
2/10/2018	0:00:00	0	30.972	15.7	1959.3
2/10/2018	0:15:00	0	30.983	15.7	1959.3
2/10/2018	0:30:00	0	30.958	15.7	1959.3
2/10/2018	0:45:00	0	30.94	15.7	1959.3
2/10/2018	1:00:00	0	30.984	15.7	1960.5
2/10/2018	1:15:00	0	30.987	15.7	1959.3
2/10/2018	1:30:00	0	30.904	15.7	1959.3
2/10/2018	1:45:00	0	30.985	15.7	1959.3
2/10/2018	2:00:00	0	30.946	15.7	1959.3
2/10/2018	2:15:00	0	30.965	15.7	1960.5
2/10/2018	2:30:00	0	30.944	15.7	1959.3
2/10/2018	2:45:00	0	30.946	15.7	1959.3
2/10/2018	3:00:00	0	30.993	15.7	1959.3
2/10/2018	3:15:00	0	30.959	15.7	1959.3
2/10/2018	3:30:00	0	30.982	15.7	1959.3
2/10/2018	3:45:00	0	30.975	15.7	1960.5
2/10/2018	4:00:00	0	30.958	15.7	1960.5
2/10/2018	4:15:00	0	30.963	15.7	1959.3
2/10/2018	4:30:00	0	30.967	15.7	1959.3
2/10/2018	4:45:00	0	31.012	15.7	1960.5
2/10/2018	5:00:00	0	30.971	15.7	1959.3
2/10/2018	5:15:00	0	30.948	15.7	1959.3
2/10/2018	5:30:00	0	31.021	15.7	1960.5
2/10/2018	5:45:00	0	30.983	15.7	1959.3
2/10/2018	6:00:00	0	30.977	15.7	1959.3
2/10/2018	6:15:00	0	30.95	15.7	1956.9
2/10/2018	6:30:00	0	30.948	15.7	1959.3
2/10/2018	6:45:00	0	30.984	15.7	1959.3
2/10/2018	7:00:00	0	30.981	15.7	1959.3
2/10/2018	7:15:00	0	30.911	15.7	1959.3
2/10/2018	7:30:00	0	30.904	15.7	1959.3
2/10/2018	7:45:00	0	30.929	15.7	1959.3
2/10/2018	8:00:00	0	30.945	15.7	1959.3
2/10/2018	8:15:00	0	30.966	15.7	1959.3
2/10/2018	8:30:00	0	30.9	15.7	1959.3
2/10/2018	8:45:00	0	30.915	15.7	1959.3
2/10/2018	9:00:00	0	30.994	15.7	1959.3
2/10/2018	9:15:00	0	30.928	15.7	1959.3
2/10/2018	9:30:00	0	30.891	15.7	1960.5
2/10/2018	9:45:00	0	30.953	15.7	1959.3
2/10/2018	10:00:00	0	30.938	15.7	1959.3
2/10/2018	10:15:00	0	30.962	15.7	1959.3
2/10/2018	10:30:00	0	30.963	15.7	1959.3
2/10/2018	10:45:00	0	30.932	15.7	1960.5
2/10/2018	11:00:00	0	30.934	15.7	1960.5
2/10/2018	11:15:00	0	30.959	15.7	1959.3
2/10/2018	11:30:00	0	30.924	15.7	1960.5
2/10/2018	11:45:00	0	31.029	15.7	1959.3
2/10/2018	12:00:00	0	30.954	15.7	1959.3
2/10/2018	12:15:00	0	30.965	15.7	1959.3
2/10/2018	12:30:00	0	30.956	15.7	1959.3
2/10/2018	12:45:00	0	30.97	15.7	1959.3
2/10/2018	13:00:00	0	30.959	15.7	1959.3
2/10/2018	13:15:00	0	30.988	15.7	1960.5
2/10/2018	13:30:00	0	30.97	15.7	1960.5
2/10/2018	13:45:00	0	30.971	15.7	1959.3
2/10/2018	14:00:00	0	30.993	15.7	1960.5
2/10/2018	14:15:00	0	31.001	15.7	1959.3
2/10/2018	14:30:00	0	30.981	15.7	1959.3
2/10/2018	14:45:00	0	30.962	15.7	1959.3
2/10/2018	15:00:00	0	30.984	15.7	1959.3
2/10/2018	15:15:00	0	30.967	15.7	1959.3
2/10/2018	15:30:00	0	30.968	15.7	1959.3
2/10/2018	15:45:00	0	30.97	15.7	1959.3
2/10/2018	16:00:00	0	30.97	15.7	1959.3
2/10/2018	16:15:00	0	30.995	15.7	1959.3
2/10/2018	16:30:00	0	30.972	15.7	1960.5
2/10/2018	16:45:00	0	30.969	15.7	1959.3
2/10/2018	17:00:00	0	31.009	15.7	1959.3
2/10/2018	17:15:00	0	30.991	15.7	1959.3
2/10/2018	17:30:00	0	30.967	15.7	1959.3
2/10/2018	17:45:00	0	30.997	15.7	1959.3
2/10/2018	18:00:00	0	30.962	15.7	1959.3
2/10/2018	18:15:00	0	30.983	15.7	1959.3
2/10/2018	18:30:00	0	30.962	15.7	1959.3
2/10/2018	18:45:00	0	30.938	15.7	1959.3
2/10/2018	19:00:00	0	30.98	15.7	1959.3
2/10/2018	19:15:00	0	30.954	15.7	1959.3
2/10/2018	19:30:00	0	30.951	15.7	1959.3
2/10/2018	19:45:00	0	30.991	15.7	1959.3

2/10/2018	20:00:00	0	30.93	15.7	1959.3
2/10/2018	20:15:00	0	30.964	15.7	1959.3
2/10/2018	20:30:00	0	30.924	15.7	1959.3
2/10/2018	20:45:00	0	30.939	15.7	1959.3
2/10/2018	21:00:00	0	30.94	15.7	1959.3
2/10/2018	21:15:00	0	30.936	15.7	1959.3
2/10/2018	21:30:00	0	30.913	15.7	1960.5
2/10/2018	21:45:00	0	30.916	15.7	1960.5
2/10/2018	22:00:00	0	30.95	15.7	1959.3
2/10/2018	22:15:00	0	30.924	15.7	1959.3
2/10/2018	22:30:00	0	30.967	15.6	1962.6
2/10/2018	22:45:00	0	30.977	15.7	1959.3
2/10/2018	23:00:00	0	30.94	15.7	1959.3
2/10/2018	23:15:00	0	30.975	15.7	1959.3
2/10/2018	23:30:00	0	30.952	15.7	1959.3
2/10/2018	23:45:00	0	30.949	15.7	1959.3
2/11/2018	0:00:00	0	30.945	15.7	1959.3
2/11/2018	0:15:00	0	30.906	15.7	1959.3
2/11/2018	0:30:00	0	30.883	15.7	1959.3
2/11/2018	0:45:00	0	30.93	15.7	1959.3
2/11/2018	1:00:00	0	30.915	15.6	1962.6
2/11/2018	1:15:00	0	30.95	15.7	1959.3
2/11/2018	1:30:00	0	30.973	15.7	1959.3
2/11/2018	1:45:00	0	30.913	15.7	1959.3
2/11/2018	2:00:00	0	30.949	15.7	1959.3
2/11/2018	2:15:00	0	30.925	15.7	1959.3
2/11/2018	2:30:00	0	30.938	15.7	1959.3
2/11/2018	2:45:00	0	30.947	15.7	1956.9
2/11/2018	3:00:00	0	30.967	15.7	1959.3
2/11/2018	3:15:00	0	30.976	15.7	1959.3
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2/11/2018	3:45:00	0	30.929	15.7	1959.3
2/11/2018	4:00:00	0	30.933	15.7	1959.3
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2/11/2018	4:30:00	0	30.907	15.7	1959.3
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2/11/2018	5:00:00	0	30.979	15.6	1962.6
2/11/2018	5:15:00	0	30.964	15.7	1959.3
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2/11/2018	5:45:00	0	30.918	15.7	1959.3
2/11/2018	6:00:00	0	30.958	15.7	1959.3
2/11/2018	6:15:00	0	30.959	15.7	1959.3
2/11/2018	6:30:00	0	30.944	15.7	1959.3
2/11/2018	6:45:00	0	30.979	15.7	1959.3
2/11/2018	7:00:00	0	30.954	15.7	1956.9
2/11/2018	7:15:00	0	30.948	15.7	1959.3
2/11/2018	7:30:00	0	30.951	15.7	1959.3
2/11/2018	7:45:00	0	30.96	15.7	1959.3
2/11/2018	8:00:00	0	30.928	15.7	1959.3
2/11/2018	8:15:00	0	30.93	15.7	1959.3
2/11/2018	8:30:00	0	30.93	15.7	1959.3
2/11/2018	8:45:00	0	30.916	15.7	1959.3
2/11/2018	9:00:00	0	30.914	15.7	1959.3
2/11/2018	9:15:00	0	30.891	15.7	1959.3
2/11/2018	9:30:00	0	30.888	15.7	1959.3
2/11/2018	9:45:00	0	30.907	15.7	1959.3
2/11/2018	10:00:00	0	30.949	15.7	1959.3
2/11/2018	10:15:00	0	30.935	15.7	1959.3
2/11/2018	10:30:00	0	30.954	15.7	1959.3
2/11/2018	10:45:00	0	30.979	15.7	1959.3
2/11/2018	11:00:00	0	30.975	15.7	1960.5
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2/11/2018	11:30:00	0	30.898	15.7	1959.3
2/11/2018	11:45:00	0	30.905	15.7	1959.3
2/11/2018	12:00:00	0	30.956	15.7	1959.3
2/11/2018	12:15:00	0	30.948	15.7	1959.3
2/11/2018	12:30:00	0	30.919	15.7	1959.3
2/11/2018	12:45:00	0	30.993	15.7	1959.3
2/11/2018	13:00:00	0	30.951	15.7	1959.3
2/11/2018	13:15:00	0	30.958	15.7	1959.3
2/11/2018	13:30:00	0	30.998	15.7	1959.3
2/11/2018	13:45:00	0	31.034	15.7	1959.3
2/11/2018	14:00:00	0	31.041	15.7	1959.3
2/11/2018	14:15:00	0	31.006	15.7	1959.3
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2/11/2018	14:45:00	0	30.986	15.7	1956.9
2/11/2018	15:00:00	0	30.996	15.7	1959.3
2/11/2018	15:15:00	0	30.985	15.7	1959.3
2/11/2018	15:30:00	0	31.023	15.7	1959.3
2/11/2018	15:45:00	0	30.98	15.7	1959.3
2/11/2018	16:00:00	0	31.006	15.7	1956.9
2/11/2018	16:15:00	0	31.011	15.7	1959.3
2/11/2018	16:30:00	0	30.997	15.7	1959.3
2/11/2018	16:45:00	0	30.975	15.7	1959.3
2/11/2018	17:00:00	0	30.956	15.7	1959.3
2/11/2018	17:15:00	0	30.975	15.7	1959.3
2/11/2018	17:30:00	0	30.988	15.7	1959.3
2/11/2018	17:45:00	0	30.975	15.7	1959.3
2/11/2018	18:00:00	0	30.938	15.7	1959.3
2/11/2018	18:15:00	0	30.957	15.7	1959.3
2/11/2018	18:30:00	0	30.971	15.6	1962.6
2/11/2018	18:45:00	0	31.027	15.6	1960.2
2/11/2018	19:00:00	0	30.982	15.7	1959.3
2/11/2018	19:15:00	0	30.973	15.7	1960.5
2/11/2018	19:30:00	0	30.993	15.7	1959.3
2/11/2018	19:45:00	0	30.998	15.7	1959.3

2/11/2018	20:00:00	0	30.968	15.7	1959.3
2/11/2018	20:15:00	0	30.998	15.7	1959.3
2/11/2018	20:30:00	0	30.963	15.7	1959.3
2/11/2018	20:45:00	0	30.948	15.7	1959.3
2/11/2018	21:00:00	0	30.982	15.7	1959.3
2/11/2018	21:15:00	0	30.988	15.7	1960.5
2/11/2018	21:30:00	0	30.972	15.7	1959.3
2/11/2018	21:45:00	0	30.953	15.7	1959.3
2/11/2018	22:00:00	0	30.946	15.7	1959.3
2/11/2018	22:15:00	0	30.959	15.7	1959.3
2/11/2018	22:30:00	0	30.968	15.7	1959.3
2/11/2018	22:45:00	0	30.987	15.7	1959.3
2/11/2018	23:00:00	0	30.982	15.7	1959.3
2/11/2018	23:15:00	0	30.958	15.7	1960.5
2/11/2018	23:30:00	0	30.974	15.7	1959.3
2/11/2018	23:45:00	0	30.979	15.7	1959.3
2/12/2018	0:00:00	0	30.94	15.7	1959.3
2/12/2018	0:15:00	0	30.981	15.7	1959.3
2/12/2018	0:30:00	0	30.979	15.7	1960.5
2/12/2018	0:45:00	0	30.942	15.7	1959.3
2/12/2018	1:00:00	0	30.98	15.7	1956.9
2/12/2018	1:15:00	0	30.974	15.7	1959.3
2/12/2018	1:30:00	0	30.937	15.6	1962.6
2/12/2018	1:45:00	0	30.961	15.7	1959.3
2/12/2018	2:00:00	0	30.94	15.7	1959.3
2/12/2018	2:15:00	0	30.979	15.7	1959.3
2/12/2018	2:30:00	0	30.979	15.7	1959.3
2/12/2018	2:45:00	0	30.982	15.7	1959.3
2/12/2018	3:00:00	0	30.963	15.7	1959.3
2/12/2018	3:15:00	0	30.987	15.6	1962.6
2/12/2018	3:30:00	0	30.994	15.7	1959.3
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2/12/2018	4:30:00	0	31	15.7	1959.3
2/12/2018	4:45:00	0	30.963	15.7	1959.3
2/12/2018	5:00:00	0	30.986	15.7	1959.3
2/12/2018	5:15:00	0	30.959	15.7	1959.3
2/12/2018	5:30:00	0	30.974	15.7	1959.3
2/12/2018	5:45:00	0	30.992	15.6	1962.6
2/12/2018	6:00:00	0	30.951	15.7	1959.3
2/12/2018	6:15:00	0	30.951	15.7	1959.3
2/12/2018	6:30:00	0	30.969	15.7	1959.3
2/12/2018	6:45:00	0	30.969	15.7	1959.3
2/12/2018	7:00:00	0	31.007	15.7	1956.9
2/12/2018	7:15:00	0	30.986	15.7	1959.3
2/12/2018	7:30:00	0	30.922	15.7	1959.3
2/12/2018	7:45:00	0	30.922	15.7	1959.3
2/12/2018	8:00:00	0	30.963	15.7	1959.3
2/12/2018	8:15:00	0	30.937	15.7	1959.3
2/12/2018	8:30:00	0	30.975	15.7	1959.3
2/12/2018	8:45:00	0	30.933	15.7	1959.3
2/12/2018	9:00:00	0	30.97	15.7	1959.3
2/12/2018	9:15:00	0	30.925	15.7	1959.3
2/12/2018	9:30:00	0	30.96	15.7	1959.3
2/12/2018	9:45:00	0	30.943	15.7	1959.3
2/12/2018	10:00:00	0	30.958	15.7	1956.9
2/12/2018	10:15:00	0	30.917	15.7	1959.3
2/12/2018	10:30:00	0	30.973	15.6	1962.6
2/12/2018	10:45:00	0	30.911	15.7	1959.3
2/12/2018	11:00:00	0	30.952	15.7	1959.3
2/12/2018	11:15:00	0	30.936	15.7	1959.3
2/12/2018	11:30:00	0	30.944	15.7	1959.3
2/12/2018	11:45:00	0	30.963	15.7	1959.3
2/12/2018	12:00:00	0	30.97	15.7	1959.3
2/12/2018	12:15:00	0	30.914	15.7	1959.3
2/12/2018	12:30:00	0	30.917	15.7	1959.3
2/12/2018	12:45:00	0	30.941	15.7	1959.3
2/12/2018	13:00:00	0	30.987	15.7	1959.3
2/12/2018	13:15:00	0	30.953	15.7	1960.5
2/12/2018	13:30:00	0	30.957	15.7	1959.3
2/12/2018	13:45:00	0	30.979	15.7	1959.3
2/12/2018	14:00:00	0	30.942	15.7	1959.3
2/12/2018	14:15:00	0	30.983	15.7	1959.3
2/12/2018	14:30:00	0	30.947	15.7	1960.5
2/12/2018	14:45:00	0	31.003	15.7	1959.3
2/12/2018	15:00:00	0	30.981	15.7	1959.3
2/12/2018	15:15:00	0	30.959	15.7	1959.3
2/12/2018	15:30:00	0	30.936	15.7	1959.3
2/12/2018	15:45:00	0	30.933	15.7	1959.3
2/12/2018	16:00:00	0	30.955	15.7	1959.3
2/12/2018	16:15:00	0	30.953	15.7	1959.3
2/12/2018	16:30:00	0	30.93	15.7	1959.3
2/12/2018	16:45:00	0	30.968	15.7	1959.3
2/12/2018	17:00:00	0	30.944	15.7	1959.3
2/12/2018	17:15:00	0	30.945	15.7	1956.9
2/12/2018	17:30:00	0	30.959	15.7	1956.9
2/12/2018	17:45:00	0	30.975	15.7	1959.3
2/12/2018	18:00:00	0	30.951	15.7	1959.3
2/12/2018	18:15:00	0	30.984	15.7	1960.5
2/12/2018	18:30:00	0	30.938	15.7	1959.3
2/12/2018	18:45:00	0	30.913	15.7	1959.3
2/12/2018	19:00:00	0	30.947	15.7	1959.3
2/12/2018	19:15:00	0	30.94	15.7	1959.3
2/12/2018	19:30:00	0	30.954	15.7	1959.3
2/12/2018	19:45:00	0	30.891	15.7	1959.3

2/12/2018	20:00:00	0	30.888	15.7	1959.3
2/12/2018	20:15:00	0	30.918	15.7	1959.3
2/12/2018	20:30:00	0	30.915	15.7	1959.3
2/12/2018	20:45:00	0	30.914	15.7	1959.3
2/12/2018	21:00:00	0	30.908	15.7	1959.3
2/12/2018	21:15:00	0	30.943	15.7	1959.3
2/12/2018	21:30:00	0	30.921	15.7	1959.3
2/12/2018	21:45:00	0	30.94	15.7	1959.3
2/12/2018	22:00:00	0	30.92	15.7	1959.3
2/12/2018	22:15:00	0	30.937	15.7	1959.3
2/12/2018	22:30:00	0	30.919	15.7	1956.9
2/12/2018	22:45:00	0	30.894	15.7	1956.9
2/12/2018	23:00:00	0	30.913	15.7	1956.9
2/12/2018	23:15:00	0	30.929	15.7	1959.3
2/12/2018	23:30:00	0	30.89	15.7	1959.3
2/12/2018	23:45:00	0	30.949	15.7	1959.3
2/13/2018	0:00:00	0	30.925	15.7	1959.3
2/13/2018	0:15:00	0	30.96	15.7	1956.9
2/13/2018	0:30:00	0	30.914	15.7	1959.3
2/13/2018	0:45:00	0	30.909	15.7	1959.3
2/13/2018	1:00:00	0	30.948	15.6	1962.6
2/13/2018	1:15:00	0	30.903	15.6	1960.2
2/13/2018	1:30:00	0	30.955	15.7	1959.3
2/13/2018	1:45:00	0	30.914	15.7	1959.3
2/13/2018	2:00:00	0	30.914	15.7	1959.3
2/13/2018	2:15:00	0	30.889	15.7	1959.3
2/13/2018	2:30:00	0	30.911	15.7	1959.3
2/13/2018	2:45:00	0	30.888	15.7	1956.9
2/13/2018	3:00:00	0	30.917	15.7	1956.9
2/13/2018	3:15:00	0	30.939	15.7	1959.3
2/13/2018	3:30:00	0	30.93	15.7	1959.3
2/13/2018	3:45:00	0	30.945	15.7	1959.3
2/13/2018	4:00:00	0	30.927	15.7	1959.3
2/13/2018	4:15:00	0	30.904	15.7	1959.3
2/13/2018	4:30:00	0	30.937	15.7	1959.3
2/13/2018	4:45:00	0	30.909	15.7	1959.3
2/13/2018	5:00:00	0	30.881	15.7	1959.3
2/13/2018	5:15:00	0	30.894	15.7	1959.3
2/13/2018	5:30:00	0	30.884	15.7	1959.3
2/13/2018	5:45:00	0	30.883	15.7	1959.3
2/13/2018	6:00:00	0	30.935	15.7	1959.3
2/13/2018	6:15:00	0	30.869	15.7	1956.9
2/13/2018	6:30:00	0	30.881	15.7	1956.9
2/13/2018	6:45:00	0	30.836	15.7	1959.3
2/13/2018	7:00:00	0	30.92	15.7	1959.3
2/13/2018	7:15:00	0	30.855	15.7	1956.9
2/13/2018	7:30:00	0	30.871	15.7	1959.3
2/13/2018	7:45:00	0	30.84	15.7	1959.3
2/13/2018	8:00:00	0	30.869	15.7	1956.9
2/13/2018	8:15:00	0	30.835	15.7	1956.9
2/13/2018	8:30:00	0	30.826	15.7	1959.3
2/13/2018	8:45:00	0	30.817	15.7	1959.3
2/13/2018	9:00:00	0	30.854	15.7	1959.3
2/13/2018	9:15:00	0	30.808	15.7	1959.3
2/13/2018	9:30:00	0	30.864	15.7	1959.3
2/13/2018	9:45:00	0	30.9	15.7	1959.3
2/13/2018	10:00:00	0	30.859	15.7	1959.3
2/13/2018	10:15:00	0	30.838	15.7	1959.3
2/13/2018	10:30:00	0	30.838	15.7	1959.3
2/13/2018	10:45:00	0	30.878	15.7	1959.3
2/13/2018	11:00:00	0	30.878	15.7	1959.3
2/13/2018	11:15:00	0	30.845	15.7	1959.3
2/13/2018	11:30:00	0	30.869	15.7	1959.3
2/13/2018	11:45:00	0	30.896	15.7	1959.3
2/13/2018	12:00:00	0	30.902	15.7	1959.3
2/13/2018	12:15:00	0	30.867	15.7	1959.3
2/13/2018	12:30:00	0	30.875	15.7	1956.9
2/13/2018	12:45:00	0	30.92	15.7	1959.3
2/13/2018	13:00:00	0	30.864	15.7	1956.9
2/13/2018	13:15:00	0	30.89	15.7	1959.3
2/13/2018	13:30:00	0	30.914	15.7	1959.3
2/13/2018	13:45:00	0	30.899	15.7	1959.3
2/13/2018	14:00:00	0	30.94	15.7	1959.3
2/13/2018	14:15:00	0	30.918	15.7	1959.3
2/13/2018	14:30:00	0	30.917	15.7	1959.3
2/13/2018	14:45:00	0	30.913	15.7	1959.3
2/13/2018	15:00:00	0	30.913	15.7	1959.3
2/13/2018	15:15:00	0	30.91	15.7	1959.3
2/13/2018	15:30:00	0	30.885	15.7	1959.3
2/13/2018	15:45:00	0	30.937	15.7	1956.9
2/13/2018	16:00:00	0	30.896	15.7	1959.3
2/13/2018	16:15:00	0	30.852	15.7	1959.3
2/13/2018	16:30:00	0	30.876	15.7	1959.3
2/13/2018	16:45:00	0	30.878	15.7	1959.3
2/13/2018	17:00:00	0	30.917	15.7	1959.3
2/13/2018	17:15:00	0	30.856	15.7	1959.3
2/13/2018	17:30:00	0	30.894	15.7	1956.9
2/13/2018	17:45:00	0	30.871	15.7	1959.3
2/13/2018	18:00:00	0	30.926	15.7	1959.3
2/13/2018	18:15:00	0	30.884	15.7	1959.3
2/13/2018	18:30:00	0	30.903	15.7	1959.3
2/13/2018	18:45:00	0	30.876	15.7	1959.3
2/13/2018	19:00:00	0	30.857	15.7	1959.3
2/13/2018	19:15:00	0	30.933	15.7	1956.9
2/13/2018	19:30:00	0	30.927	15.7	1956.9
2/13/2018	19:45:00	0	30.862	15.7	1959.3

2/13/2018	20:00:00	0	30.878	15.7	1959.3
2/13/2018	20:15:00	0	30.875	15.7	1956.9
2/13/2018	20:30:00	0	30.876	15.7	1956.9
2/13/2018	20:45:00	0	30.856	15.6	1960.2
2/13/2018	21:00:00	0	30.869	15.6	1960.2
2/13/2018	21:15:00	0	30.891	15.7	1959.3
2/13/2018	21:30:00	0	30.833	15.7	1959.3
2/13/2018	21:45:00	0	30.889	15.7	1959.3
2/13/2018	22:00:00	0	30.887	15.7	1959.3
2/13/2018	22:15:00	0	30.869	15.7	1959.3
2/13/2018	22:30:00	0	30.828	15.7	1956.9
2/13/2018	22:45:00	0	30.842	15.7	1956.9
2/13/2018	23:00:00	0	30.861	15.7	1956.9
2/13/2018	23:15:00	0	30.896	15.7	1956.9
2/13/2018	23:30:00	0	30.877	15.7	1959.3
2/13/2018	23:45:00	0	30.857	15.7	1959.3
2/14/2018	0:00:00	0	30.902	15.7	1959.3
2/14/2018	0:15:00	0	30.899	15.7	1956.9
2/14/2018	0:30:00	0	30.904	15.7	1956.9
2/14/2018	0:45:00	0	30.903	15.7	1959.3
2/14/2018	1:00:00	0	30.901	15.7	1959.3
2/14/2018	1:15:00	0	30.902	15.7	1959.3
2/14/2018	1:30:00	0	30.923	15.7	1959.3
2/14/2018	1:45:00	0	30.882	15.7	1959.3
2/14/2018	2:00:00	0	30.887	15.7	1959.3
2/14/2018	2:15:00	0	30.914	15.7	1956.9
2/14/2018	2:30:00	0	30.904	15.7	1956.9
2/14/2018	2:45:00	0	30.909	15.7	1959.3
2/14/2018	3:00:00	0	30.917	15.7	1959.3
2/14/2018	3:15:00	0	30.96	15.7	1959.3
2/14/2018	3:30:00	0	30.919	15.7	1956.9
2/14/2018	3:45:00	0	30.906	15.7	1956.9
2/14/2018	4:00:00	0	30.928	15.7	1959.3
2/14/2018	4:15:00	0	30.912	15.7	1959.3
2/14/2018	4:30:00	0	30.917	15.7	1959.3
2/14/2018	4:45:00	0	30.919	15.7	1956.9
2/14/2018	5:00:00	0	30.94	15.7	1959.3
2/14/2018	5:15:00	0	30.894	15.7	1959.3
2/14/2018	5:30:00	0	30.912	15.7	1959.3
2/14/2018	5:45:00	0	30.89	15.7	1959.3
2/14/2018	6:00:00	0	30.911	15.7	1959.3
2/14/2018	6:15:00	0	30.888	15.7	1956.9
2/14/2018	6:30:00	0	30.885	15.7	1956.9
2/14/2018	6:45:00	0	30.943	15.7	1959.3
2/14/2018	7:00:00	0	30.922	15.7	1959.3
2/14/2018	7:15:00	0	30.938	15.7	1956.9
2/14/2018	7:30:00	0	30.914	15.7	1959.3
2/14/2018	7:45:00	0	30.865	15.7	1959.3
2/14/2018	8:00:00	0	30.891	15.7	1959.3
2/14/2018	8:15:00	0	30.864	15.7	1956.9
2/14/2018	8:30:00	0	30.842	15.7	1956.9
2/14/2018	8:45:00	0	30.871	15.7	1956.9
2/14/2018	9:00:00	0	30.888	15.7	1956.9
2/14/2018	9:15:00	0	30.866	15.7	1956.9
2/14/2018	9:30:00	0	30.843	15.7	1959.3
2/14/2018	9:45:00	0	30.859	15.7	1959.3
2/14/2018	10:00:00	0	30.88	15.7	1959.3
2/14/2018	10:15:00	0	30.832	15.7	1956.9
2/14/2018	10:30:00	0	30.854	15.7	1956.9
2/14/2018	10:45:00	0	30.851	15.7	1959.3
2/14/2018	11:00:00	0	30.842	15.7	1959.3
2/14/2018	11:15:00	0	30.86	15.7	1959.3
2/14/2018	11:30:00	0	30.905	15.7	1959.3
2/14/2018	11:45:00	0	30.873	15.7	1956.9
2/14/2018	12:00:00	0	30.906	15.7	1956.9
2/14/2018	12:15:00	0	30.872	15.7	1959.3
2/14/2018	12:30:00	0	30.932	15.7	1959.3
2/14/2018	12:45:00	0	30.878	15.7	1959.3
2/14/2018	13:00:00	0	30.927	15.7	1959.3
2/14/2018	13:15:00	0	30.952	15.7	1956.9
2/14/2018	13:30:00	0	30.934	15.7	1959.3
2/14/2018	13:45:00	0	30.871	15.7	1959.3
2/14/2018	14:00:00	0	30.895	15.7	1956.9
2/14/2018	14:15:00	0	30.94	15.7	1956.9
2/14/2018	14:30:00	0	30.866	15.7	1959.3
2/14/2018	14:45:00	0	30.925	15.7	1959.3
2/14/2018	15:00:00	0	30.886	15.7	1959.3
2/14/2018	15:15:00	0	30.891	15.7	1959.3
2/14/2018	15:30:00	0	30.958	15.7	1956.9
2/14/2018	15:45:00	0	30.863	15.7	1956.9
2/14/2018	16:00:00	0	30.941	15.7	1956.9
2/14/2018	16:15:00	0	30.923	15.7	1959.3
2/14/2018	16:30:00	0	30.921	15.7	1959.3
2/14/2018	16:45:00	0	30.921	15.7	1959.3
2/14/2018	17:00:00	0	30.904	15.7	1959.3
2/14/2018	17:15:00	0	30.943	15.7	1959.3
2/14/2018	17:30:00	0	30.887	15.7	1956.9
2/14/2018	17:45:00	0	30.865	15.7	1959.3
2/14/2018	18:00:00	0	30.862	15.7	1956.9
2/14/2018	18:15:00	0	30.884	15.7	1956.9
2/14/2018	18:30:00	0	30.917	15.7	1956.9
2/14/2018	18:45:00	0	30.928	15.7	1959.3
2/14/2018	19:00:00	0	30.87	15.7	1959.3
2/14/2018	19:15:00	0	30.866	15.7	1956.9
2/14/2018	19:30:00	0	30.919	15.7	1956.9
2/14/2018	19:45:00	0	30.89	15.7	1959.3

2/14/2018	20:00:00	0	30.85	15.7	1956.9
2/14/2018	20:15:00	0	30.903	15.7	1956.9
2/14/2018	20:30:00	0	30.856	15.7	1956.9
2/14/2018	20:45:00	0	30.884	15.7	1956.9
2/14/2018	21:00:00	0	30.817	15.7	1956.9
2/14/2018	21:15:00	0	30.837	15.7	1959.3
2/14/2018	21:30:00	0	30.849	15.7	1959.3
2/14/2018	21:45:00	0	30.857	15.7	1959.3
2/14/2018	22:00:00	0	30.815	15.7	1956.9
2/14/2018	22:15:00	0	30.814	15.7	1959.3
2/14/2018	22:30:00	0	30.894	15.7	1956.9
2/14/2018	22:45:00	0	30.873	15.7	1956.9
2/14/2018	23:00:00	0	30.819	15.7	1959.3
2/14/2018	23:15:00	0	30.883	15.7	1959.3
2/14/2018	23:30:00	0	30.902	15.7	1956.9
2/14/2018	23:45:00	0	30.883	15.7	1959.3

Report Date: 2/16/2018 10:44
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(L) LT Test_2018-02-15_09-24-07-239-BaroMerge.ws
Create Date 2/16/2018 10:40

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

Log Configuration
Log Name MPWSP MW-6M(L) LT Test
Created By WMassoll
Computer Name PROBOOK2
Application WinSitu.exe
Application Version 5.6.27.1
Create Date 3/16/2017 11:30:17 AM Pacific Daylight Time
Log Setup Time Zone Pacific Daylight Time
Notes Size(bytes) 4096
Overwrite when full Enabled
Scheduled Start Time 3/16/2017 12:00:00 PM Pacific Daylight Time
Scheduled Stop Time No Stop Time
Type Linear
Interval Days: 0 hrs: 00 mins: 15 secs: 00

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

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

Log Notes:
Date and Time Note
3/16/2017 11:30 Used Battery: 3% Used Memory: 3% User Name: WMassoll
3/16/2017 13:00 Log Download - Used Battery: 3% Used Memory: 3% User Name: WMassoll Interval - Start Time: 3/16/2017 12:00:00 PM Stop Time: 3/16/2017 1:00:00 PM
3/23/2017 13:14 Log Download - Used Battery: 3% Used Memory: 3% User Name: AVanHaisma Interval - Start Time: 3/16/2017 12:00:00 PM Stop Time: 3/23/2017 2:00:00 PM
3/30/2017 11:34 Log Download - Used Battery: 3% Used Memory: 4% User Name: AVanHaisma Interval - Start Time: 3/22/2017 10:00:00 PM Stop Time: 3/30/2017 12:45:00 PM
4/6/2017 10:19 Log Download - Used Battery: 4% Used Memory: 4% User Name: WMassoll Interval - Start Time: 2/28/2017 12:00:00 PM Stop Time: 3/31/2017 11:59:00 PM
4/6/2017 10:27 Log Download - Used Battery: 4% Used Memory: 4% User Name: WMassoll Interval - Start Time: 3/16/2017 12:00:00 PM Stop Time: 4/1/2017 6:00:00 AM
4/6/2017 11:53 Log Download - Used Battery: 4% Used Memory: 4% User Name: WMassoll Interval - Start Time: 3/16/2017 12:00:00 PM Stop Time: 4/6/2017 12:45:00 PM
4/13/2017 8:49 Log Download - Used Battery: 4% Used Memory: 6% User Name: WMassoll Interval - Start Time: 4/5/2017 12:00:00 PM Stop Time: 4/13/2017 9:45:00 AM
4/13/2017 8:51 Log Download - Used Battery: 4% Used Memory: 6% User Name: WMassoll Interval - Start Time: 4/5/2017 12:00:00 PM Stop Time: 4/13/2017 8:45:00 AM
4/13/2017 9:02 Log Download - Used Battery: 4% Used Memory: 6% User Name: WMassoll Interval - Start Time: 4/5/2017 12:00:00 PM Stop Time: 4/13/2017 9:45:00 AM
4/20/2017 10:45 Log Download - Used Battery: 4% Used Memory: 6% User Name: AVanHaisma Interval - Start Time: 4/12/2017 10:00:00 PM Stop Time: 4/20/2017 12:45:00 PM
4/27/2017 9:50 Log Download - Used Battery: 5% Used Memory: 7% User Name: WMassoll Interval - Start Time: 4/19/2017 10:00:00 PM Stop Time: 4/27/2017 10:45:00 AM
5/4/2017 10:12 Log Download - Used Battery: 5% Used Memory: 7% User Name: AVanHaisma Interval - Start Time: 3/31/2017 10:00:00 PM Stop Time: 5/4/2017 12:00:00 PM
5/11/2017 10:23 Log Download - Used Battery: 5% Used Memory: 9% User Name: AVanHaisma Interval - Start Time: 5/3/2017 10:00:00 PM Stop Time: 5/11/2017 12:00:00 PM
5/18/2017 14:33 Log Download - Used Battery: 6% Used Memory: 9% User Name: WMassoll Interval - Start Time: 5/10/2017 10:00:00 PM Stop Time: 5/18/2017 3:30:00 PM
5/25/2017 10:04 Log Download - Used Battery: 6% Used Memory: 10% User Name: AVanHaisma Interval - Start Time: 5/17/2017 10:00:00 PM Stop Time: 5/25/2017 10:15:00 AM
6/1/2017 14:58 Log Download - Used Battery: 7% Used Memory: 10% User Name: WMassoll Interval - Start Time: 4/30/2017 10:00:00 PM Stop Time: 6/1/2017 3:45:00 PM
6/8/2017 8:22 Log Download - Used Battery: 7% Used Memory: 12% User Name: WMassoll Interval - Start Time: 5/31/2017 10:00:00 PM Stop Time: 6/8/2017 8:15:00 AM
6/15/2017 13:18 Log Download - Used Battery: 7% Used Memory: 12% User Name: AVanHaisma Interval - Start Time: 6/7/2017 10:00:00 PM Stop Time: 6/15/2017 2:00:00 PM
6/22/2017 7:15 Log Download - Used Battery: 8% Used Memory: 14% User Name: AVanHaisma Interval - Start Time: 6/14/2017 10:00:00 PM Stop Time: 6/22/2017 8:15:00 AM
6/29/2017 7:54 Log Download - Used Battery: 8% Used Memory: 14% User Name: WMassoll Interval - Start Time: 6/21/2017 10:00:00 PM Stop Time: 6/29/2017 8:45:00 AM
7/6/2017 7:01 Log Download - Used Battery: 9% Used Memory: 15% User Name: AVanHaisma Interval - Start Time: 5/31/2017 10:00:00 PM Stop Time: 7/6/2017 11:45:00 PM
7/13/2017 10:13 Log Download - Used Battery: 9% Used Memory: 15% User Name: WMassoll Interval - Start Time: 7/5/2017 10:00:00 PM Stop Time: 7/13/2017 11:00:00 AM
7/20/2017 9:19 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 9:15:00 AM
7/27/2017 11:00 Log Download - Used Battery: 10% Used Memory: 17% User Name: AVanHaisma Interval - Start Time: 7/19/2017 10:00:00 PM Stop Time: 7/27/2017 12:00:00 PM
8/3/2017 11:43 Log Download - Used Battery: 10% Used Memory: 18% User Name: AVanHaisma Interval - Start Time: 6/30/2017 10:00:00 PM Stop Time: 8/3/2017 12:30:00 PM
8/10/2017 8:07 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 8:00:00 AM
8/17/2017 10:57 Log Download - Used Battery: 11% Used Memory: 20% User Name: AVanHaisma Interval - Start Time: 8/9/2017 10:00:00 PM Stop Time: 8/17/2017 11:30:00 AM
8/24/2017 13:25 Log Download - Used Battery: 11% Used Memory: 21% User Name: AVanHaisma Interval - Start Time: 8/16/2017 10:00:00 PM Stop Time: 8/24/2017 2:15:00 PM
9/1/2017 10:11 Log Download - Used Battery: 11% Used Memory: 21% User Name: WMassoll Interval - Start Time: 7/31/2017 10:00:00 PM Stop Time: 9/1/2017 10:00:00 AM
9/7/2017 11:26 Log Download - Used Battery: 12% Used Memory: 23% User Name: WMassoll Interval - Start Time: 8/31/2017 10:00:00 PM Stop Time: 9/7/2017 11:15:00 AM
9/14/2017 12:47 Log Download - Used Battery: 12% Used Memory: 23% User Name: AVanHaisma Interval - Start Time: 9/6/2017 10:00:00 PM Stop Time: 9/14/2017 2:45:00 PM
9/21/2017 12:03 Log Download - Used Battery: 12% Used Memory: 25% User Name: AVanHaisma Interval - Start Time: 9/13/2017 10:00:00 PM Stop Time: 9/21/2017 1:30:00 PM
9/28/2017 10:01 Log Download - Used Battery: 13% Used Memory: 25% User Name: WMassoll Interval - Start Time: 9/20/2017 10:00:00 PM Stop Time: 9/28/2017 10:45:00 AM
10/5/2017 11:41 Log Download - Used Battery: 13% Used Memory: 26% User Name: WMassoll Interval - Start Time: 8/31/2017 10:00:00 PM Stop Time: 10/5/2017 11:30:00 AM
10/12/2017 11:13 Log Download - Used Battery: 14% Used Memory: 26% User Name: AVanHaisma Interval - Start Time: 10/4/2017 10:00:00 PM Stop Time: 10/12/2017 12:00:00 PM
10/19/2017 11:22 Log Download - Used Battery: 14% Used Memory: 28% User Name: AVanHaisma Interval - Start Time: 10/11/2017 10:00:00 PM Stop Time: 10/19/2017 12:15:00 PM
10/26/2017 10:11 Log Download - Used Battery: 14% Used Memory: 28% User Name: WMassoll Interval - Start Time: 10/18/2017 10:00:00 PM Stop Time: 10/26/2017 11:00:00 AM
11/2/2017 11:33 Log Download - Used Battery: 15% Used Memory: 29% User Name: WMassoll Interval - Start Time: 9/30/2017 10:00:00 PM Stop Time: 11/2/2017 12:15:00 PM
11/9/2017 12:43 Log Download - Used Battery: 15% Used Memory: 29% User Name: AVanHaisma Interval - Start Time: 11/1/2017 10:00:00 PM Stop Time: 11/9/2017 2:00:00 PM
11/16/2017 9:26 Log Download - Used Battery: 15% Used Memory: 31% User Name: WMassoll Interval - Start Time: 11/8/2017 10:00:00 PM Stop Time: 11/16/2017 9:15:00 AM
11/23/2017 13:11 Log Download - Used Battery: 16% Used Memory: 31% User Name: AVanHaisma Interval - Start Time: 11/15/2017 10:00:00 PM Stop Time: 11/23/2017 2:00:00 PM
12/1/2017 8:16 Log Download - Used Battery: 16% Used Memory: 32% User Name: AVanHaisma Interval - Start Time: 10/31/2017 10:00:00 PM Stop Time: 12/1/2017 7:00:00 PM
12/7/2017 9:28 Log Download - Used Battery: 16% Used Memory: 32% User Name: WMassoll Interval - Start Time: 11/29/2017 10:00:00 PM Stop Time: 12/7/2017 9:15:00 AM
12/14/2017 10:39 Log Download - Used Battery: 17% Used Memory: 34% User Name: WMassoll Interval - Start Time: 12/6/2017 10:00:00 PM Stop Time: 12/14/2017 10:30:00 AM
12/21/2017 7:44 Log Download - Used Battery: 17% Used Memory: 34% User Name: AVanHaisma Interval - Start Time: 12/13/2017 10:00:00 PM Stop Time: 12/21/2017 8:30:00 AM
1/4/2018 11:17 Log Download - Used Battery: 18% Used Memory: 35% User Name: WMassoll Interval - Start Time: 11/30/2017 10:00:00 PM Stop Time: 1/4/2018 12:15:00 PM
1/11/2018 11:01 Log Download - Used Battery: 18% Used Memory: 37% User Name: AVanHaisma Interval - Start Time: 1/3/2018 10:00:00 PM Stop Time: 1/11/2018 12:00:00 PM
1/18/2018 9:09 Log Download - Used Battery: 19% Used Memory: 39% User Name: WMassoll Interval - Start Time: 1/10/2018 10:00:00 PM Stop Time: 1/18/2018 9:00:00 AM
1/26/2018 9:27 Log Download - Used Battery: 19% Used Memory: 39% User Name: WMassoll Interval - Start Time: 1/17/2018 10:00:00 PM Stop Time: 1/26/2018 9:15:00 AM
2/1/2018 15:08 Log Download - Used Battery: 19% Used Memory: 40% User Name: WMassoll Interval - Start Time: 12/31/2017 10:00:00 PM Stop Time: 2/1/2018 3:00:00 PM
2/8/2018 9:33 Log Download - Used Battery: 20% Used Memory: 40% User Name: AVanHaisma Interval - Start Time: 2/8/2018 10:30:00 PM Stop Time: 2/8/2018 10:30:00 AM
2/15/2018 9:22 Log Download - Used Battery: 20% Used Memory: 42% User Name: AVanHaisma Interval - Start Time: 2/7/2018 10:00:00 PM Stop Time: 2/15/2018 10:15:00 AM
2/16/2018 10:40 User Note: "Pressure & Level adjusted by baro data from: "MPWSP Barotroll_2018-02-15_16-52-45-921.ws""

Log Data:
Record Count 718

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

Time Zone: Pacific Standard 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: PCTD(A) 658.7ft SNR: 483472		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)								
2/8/2018 0:00	7200	118.511	20.392	270.122	4362.934	4783.991	2.592	3.253	229.204	1	14.84								
2/8/2018 0:15	8100	118.514	20.388	270.129	4363.922	4785.52	2.593	3.254	229.152	1	14.832								
2/8/2018 0:30	9000	118.502	20.399	270.104	4366.311	4786.975	2.593	3.255	229.026	1	14.839								
2/8/2018 0:45	9900	118.514	20.422	270.13	4366.462	4784.865	2.592	3.254	229.018	1	14.835								
2/8/2018 1:00	10800	118.508	20.395	270.116	4364.543	4785.484	2.593	3.254	229.119	1	14.838								
2/8/2018 1:15	11700	118.525	20.384	270.156	4364.377	4786.388	2.593	3.255	229.128	1	14.834								
2/8/2018 1:30	12600	118.507	20.408	270.114	4365.232	4784.882	2.592	3.254	229.083	1	14.832								
2/8/2018 1:45	13500	118.513	20.404	270.127	4366.214	4786.353	2.593	3.255	229.031	1	14.836								
2/8/2018 2:00	14400	118.543	20.396	270.196	4364.427	4785.216	2.592	3.254	229.125	1	14.829								
2/8/2018 2:15	15300	118.532	20.403	270.172	4367.06	4787.402	2.594	3.255	228.987	1	14.826								
2/8/2018 2:30	16200	118.535	20.41	270.179	4367.831	4787.563	2.594	3.256	228.947	1	14.828								
2/8/2018 2:45	17100	118.539	20.386	270.186	4364.507	4786.275	2.593	3.255	229.121	1	14.833								
2/8/2018 3:00	18000	118.541	20.405	270.191	4365.466	4785.454	2.593	3.254	229.071	1	14.827								
2/8/2018 3:15	18900	118.549	20.404	270.209	4367.207	4787.484	2.594	3.255	228.979	1	14.827								
2/8/2018 3:30	19800	118.562	20.396	270.239	4365.26	4786.139	2.593	3.255	229.081	1	14.824								
2/8/2018 3:45	20700	118.562	20.412	270.239	4365.531	4784.851	2.592	3.254	229.067	1	14.82								
2/8/2018 4:00	21600	118.579	20.39	270.278	4364.677	4786.146	2.593	3.255	229.112	1	14.827								
2/8/2018 4:15	22500	118.578	20.405	270.276	4367.572	4787.745	2.594	3.256	228.96	1	14.832								
2/8/2018 4:30	23400	118.601	20.4	270.329	4366.041	4786.235	2.593	3.255	229.04	1	14.822								
2/8/2018 4:45	24300	118.595	20.388	270.323	4365.874	4787.618	2.594	3.256	229.049	1	14.827								
2/8/2018 5:00	25200	118.619	20.406	270.369	4368.314	4788.522	2.594	3.256	228.921	1	14.827								
2/8/2018 5:15	26100	118.62	20.407	270.371	4368.594	4788.682	2.594	3.256	228.907	1	14.827								
2/8/2018 5:30	27000	118.657	20.413	270.456	4367.484	4786.887	2.593	3.255	228.965	1	14.829								
2/8/2018 5:45	27900	118.644	20.398	270.427	4365.344	4786.055	2.593	3.255	229.077	1	14.827								
2/8/2018 6:00	28800	118.641	20.408	270.419	4365.885	4785.66	2.593	3.254	229.049	1	14.832								
2/8/2018 6:15	29700	118.661	20.403	270.466	4365.379	4785.466	2.593	3.254	229.075	1	14.825								
2/8/2018 6:30	30600	118.667	20.408	270.479	4366.269	4786.053	2.593	3.255	229.029	1	14.826								
2/8/2018 6:45	31500	118.659	20.392	270.459	4363.695	4784.86	2.592	3.254	229.164	1	14.834								
2/8/2018 7:00	32400	118.659	20.41	270.461	4367.325	4786.992	2.593	3.255	228.973	1	14.828								
2/8/2018 7:15	33300	118.647	20.388	270.433	4365.426	4787.135	2.593	3.255	229.073	1	14.832								
2/8/2018 7:30	34200	118.659	20.411	270.46	4367.417	4786.971	2.593	3.255	228.968	1	14.832								
2/8/2018 7:45	35100	118.675	20.409	270.448	4368.181	4788.254	2.594	3.256	228.928	1	14.836								
2/8/2018 8:00	36000	118.665	20.405	270.475	4368.024	4788.293	2.594	3.256	228.936	1	14.827								
2/8/2018 8:15	36900	118.657	20.392	270.456	4367.078	4788.516	2.594	3.256	228.986	1	14.838								
2/8/2018 8:30	37800	118.667	20.405	270.478	4367.978	4788.207	2.594	3.256	228.939	1	14.837								
2/8/2018 8:45	38700	118.673	20.397	270.492	4366.188	4787.033	2.593	3.255	229.033	1	14.838								
2/8/2018 9:00	39600	118.666	20.379	270.476	4365.647	4788.227	2.594	3.256	229.061	1	14.84								
2/8/2018 9:15	40500	118.672	20.398	270.49	4367.796	4788.717	2.594	3.256	228.948	1	14.839								
2/8/2018 9:30	41400	118.665	20.393	270.471	4366.193	4787.424	2.593	3.255	229.032	1	14.841								
2/8/2018 9:45	42300	118.663	20.393	270.469	4366.563	4787.848	2.594	3.256	229.013	1	14.837								
2/8/2018 10:00	43200	118.643	20.407	270.424	4367.849	4787.865	2.594	3.256	228.946	1	14.836								
2/8/2018 10:15	44100	118.609	20.411	270.348	4368.854	4788.571	2.594	3.256	228.893	1	14.835								
2/8/2018 10:30	45000	118.57	20.412	270.256	4369.071	4788.687	2.594	3.256	228.882	1	14.828								
2/8/2018 10:45	45900	118.522	20.39	270.148	4366.817	4788.477	2.594	3.256	229	1	14.836								
2/8/2018 11:00	46800	118.516	20.387	270.135	4364.72	4786.42	2.593	3.255	229.11	1	14.828								
2/8/2018 11:15	47700	118.479	20.392	270.051	4366.332	4785.734	2.594	3.256	229.025	1	14.826								
2/8/2018 11:30	48600	118.454	20.395	269.994	4366.699	4787.777	2.594	3.256	229.006	1	14.823								
2/8/2018 11:45	49500	118.421	20.39	269.917	4366.088	4787.642	2.594	3.256	229.038	1	14.817								
2/8/2018 12:00	50400	118.405	20.411	269.882	4369.709	4789.545	2.595	3.257	228.848	1	14.817								
2/8/2018 12:15	51300	118.393	20.413	269.854	4368.345	4787.847	2.594	3.256	228.92	1	14.802								
2/8/2018 12:30	52200	118.368	20.404	269.796	4368.688	4789.09	2.595	3.257	228.802	1	14.804								
2/8/2018 12:45	53100	118.379	20.387	269.821	4365.942	4787.875	2.594	3.256	229.046	1	14.795								
2/8/2018 13:00	54000	118.377	20.386	269.818	4365.931	4787.872	2.594	3.256	229.046	1	14.79								
2/8/2018 13:15	54900	118.406	20.4	269.884	4368.244	4788.981	2.595	3.257	228.925	1	14.785								
2/8/2018 13:30	55800	118.421	20.408	269.918	4369.098	4789.127	2.595	3.257	228.88	1	14.786								
2/8/2018 13:45	56700	118.459	20.418	270.004	4368.616	4787.602	2.594	3.256	228.905	1	14.784								
2/8/2018 14:00	57600	118.435	20.421	269.95	4370.576	4789.485	2.595	3.257	228.803	1	14.783								
2/8/2018 14:15	58500	118.455	20.397	270.299	4366.393	4787.299	2.594	3.255	229.022	1	14.774								
2/8/2018 14:30	59400	118.465	20.402	270.017	4369.271	4789.923	2.595	3.257	228.871	1	14.776								
2/8/2018 14:45	60300	118.477	20.411	270.045	4368.309	4788.001	2.594	3.256	228.922	1	14.781								
2/8/2018 15:00	61200	118.494	20.402	270.084	4368.396	4789.016	2.595	3.257	228.917	1	14.775								
2/8/2018 15:15	62100	118.493	20.405	270.081	4368.094	4788.344	2.594	3.256	228.933	1	14.778								
2/8/2018 15:30	63000	118.506	20.395	270.111	4366.695	4787.817	2.594	3.256	229.006	1	14.774								
2/8/2018 15:45	63900	118.506	20.393	270.112	4367.081	4788.476	2.594	3.256	228.896	1	14.775								
2/8/2018 16:00	64800	118.516	20.392	270.134	4366.676	4788.935	2.594	3.256	229.007	1	14.772								
2/8/2018 16:15	65700	118.517	20.397	270.138	4368.591	4789.659	2.595	3.257	228.907	1	14.774								
2/8/2018 16:30	66600	118.525	20.397	270.154	4366.664	4787.528	2.594	3.256	229.008	1	14.766								
2/8/2018 16:45	67500	118.518	20.4	270.139	4367.155	4787.804	2.594	3.256	228.982	1	14.778								
2/8/2018 17:00	68400	118.518	20.406	270.139	4367.817	4787.943	2.594	3.256	228.947	1	14.781								
2/8/2018 17:15	69300	118.529	20.399	270.165	4368.951	4789.879	2.595	3.257	228.888	1	14.778								
2/8/2018 17:30																			

2/8/2018 20:15	80100	118.557	20.407	270.227	4368.401	4788.452	2.594	3.256	238.917	1	14.776
2/8/2018 20:30	81000	118.588	20.409	270.299	4370.809	4790.899	2.596	3.258	228.791	1	14.779
2/8/2018 20:45	81900	118.572	20.403	270.262	4370.626	4791.286	2.596	3.258	228.8	1	14.774
2/8/2018 21:00	82800	118.576	20.391	270.271	4367.419	4789.005	2.595	3.257	228.968	1	14.773
2/8/2018 21:15	83700	118.565	20.402	270.246	4369.632	4790.354	2.595	3.257	228.852	1	14.776
2/8/2018 21:30	84600	118.563	20.398	270.242	4367.461	4788.369	2.594	3.256	228.966	1	14.781
2/8/2018 21:45	85500	118.57	20.398	270.258	4367.946	4789.224	2.595	3.257	228.941	1	14.78
2/8/2018 22:00	86400	118.566	20.384	270.248	4366.436	4788.654	2.594	3.256	229.02	1	14.788
2/8/2018 22:15	87300	118.571	20.382	270.259	4366.039	4788.359	2.594	3.256	229.041	1	14.778
2/8/2018 22:30	88200	118.559	20.383	270.231	4366.999	4789.333	2.595	3.257	228.99	1	14.788
2/8/2018 22:45	89100	118.539	20.405	270.186	4369.345	4789.679	2.595	3.257	228.867	1	14.787
2/8/2018 23:00	90000	118.544	20.406	270.197	4369.167	4789.378	2.595	3.257	228.877	1	14.783
2/8/2018 23:15	90900	118.551	20.403	270.215	4367.153	4788.503	2.594	3.256	228.982	1	14.786
2/8/2018 23:30	91800	118.538	20.413	270.184	4370.421	4790.114	2.595	3.257	228.811	1	14.786
2/8/2018 23:45	92700	118.543	20.405	270.196	4371.04	4791.554	2.596	3.258	228.779	1	14.784
2/9/2018 0:00	93600	118.543	20.406	270.196	4369.144	4789.397	2.595	3.257	228.878	1	14.781
2/9/2018 0:15	94500	118.556	20.388	270.227	4369.403	4791.435	2.596	3.258	228.864	1	14.778
2/9/2018 0:30	95400	118.553	20.408	270.218	4371.085	4791.297	2.596	3.258	228.776	1	14.782
2/9/2018 0:45	96300	118.555	20.405	270.223	4369.436	4789.788	2.595	3.257	228.862	1	14.777
2/9/2018 1:00	97200	118.571	20.401	270.26	4368.363	4789.023	2.595	3.257	228.919	1	14.77
2/9/2018 1:15	98100	118.543	20.404	270.196	4369.271	4789.721	2.595	3.257	228.871	1	14.774
2/9/2018 1:30	99000	118.559	20.397	270.233	4368.306	4789.407	2.595	3.257	228.922	1	14.774
2/9/2018 1:45	99900	118.546	20.398	270.203	4370.662	4791.842	2.596	3.258	228.798	1	14.777
2/9/2018 2:00	100800	118.587	20.385	270.297	4367.681	4789.853	2.595	3.257	228.954	1	14.763
2/9/2018 2:15	101700	118.602	20.388	270.33	4367.3	4789.154	2.595	3.257	228.974	1	14.772
2/9/2018 2:30	102600	118.584	20.384	270.289	4367.595	4789.917	2.595	3.257	228.959	1	14.766
2/9/2018 2:45	103500	118.566	20.402	270.248	4370.364	4791.122	2.596	3.258	228.814	1	14.766
2/9/2018 3:00	104400	118.585	20.379	270.291	4367.009	4789.73	2.595	3.257	228.99	1	14.759
2/9/2018 3:15	105300	118.584	20.407	270.289	4371.209	4791.593	2.596	3.258	228.77	1	14.767
2/9/2018 3:30	106200	118.587	20.381	270.296	4369.003	4791.785	2.596	3.258	228.885	1	14.763
2/9/2018 3:45	107100	118.61	20.387	270.348	4370.188	4792.401	2.597	3.259	228.823	1	14.762
2/9/2018 4:00	108000	118.602	20.389	270.33	4371.039	4793.14	2.597	3.259	228.779	1	14.761
2/9/2018 4:15	108900	118.617	20.387	270.364	4370.201	4792.502	2.597	3.259	228.822	1	14.757
2/9/2018 4:30	109800	118.627	20.401	270.386	4370.871	4791.808	2.596	3.258	228.787	1	14.751
2/9/2018 4:45	110700	118.633	20.398	270.401	4369.407	4790.492	2.595	3.258	228.864	1	14.757
2/9/2018 5:00	111600	118.653	20.396	270.447	4369.041	4790.275	2.595	3.257	228.883	1	14.753
2/9/2018 5:15	112500	118.652	20.393	270.444	4369.814	4791.471	2.596	3.258	228.843	1	14.755
2/9/2018 5:30	113400	118.654	20.379	270.449	4368.074	4790.88	2.596	3.258	228.934	1	14.753
2/9/2018 5:45	114300	118.663	20.403	270.47	4369.954	4790.627	2.596	3.258	228.835	1	14.752
2/9/2018 6:00	115200	118.67	20.4	270.485	4370.548	4791.507	2.596	3.258	228.804	1	14.75
2/9/2018 6:15	116100	118.671	20.401	270.489	4369.531	4790.365	2.595	3.257	228.858	1	14.752
2/9/2018 6:30	117000	118.681	20.398	270.51	4370.073	4791.17	2.596	3.258	228.829	1	14.752
2/9/2018 6:45	117900	118.7	20.398	270.563	4370.655	4791.842	2.596	3.258	228.799	1	14.749
2/9/2018 7:00	118800	118.696	20.407	270.546	4372.641	4793.099	2.597	3.259	228.695	1	14.754
2/9/2018 7:15	119700	118.691	20.402	270.534	4371.09	4791.96	2.596	3.259	228.776	1	14.76
2/9/2018 7:30	120600	118.698	20.39	270.548	4369.865	4791.775	2.596	3.258	228.84	1	14.765
2/9/2018 7:45	121500	118.702	20.388	270.559	4371.91	4794.201	2.598	3.26	228.733	1	14.765
2/9/2018 8:00	122400	118.702	20.408	270.559	4372.916	4793.312	2.597	3.259	228.68	1	14.762
2/9/2018 8:15	123300	118.706	20.404	270.569	4372.786	4793.649	2.597	3.26	228.697	1	14.771
2/9/2018 8:30	124200	118.706	20.415	270.568	4372.296	4791.915	2.596	3.259	228.713	1	14.767
2/9/2018 8:45	125100	118.706	20.407	270.567	4371.419	4791.803	2.596	3.258	228.759	1	14.767
2/9/2018 9:00	126000	118.7	20.41	270.555	4371.411	4791.427	2.596	3.258	228.759	1	14.764
2/9/2018 9:15	126900	118.711	20.395	270.579	4370.074	4791.469	2.596	3.258	228.829	1	14.762
2/9/2018 9:30	127800	118.697	20.39	270.547	4372.095	4794.246	2.598	3.26	228.723	1	14.771
2/9/2018 9:45	128700	118.683	20.382	270.516	4370.397	4793.166	2.597	3.259	228.812	1	14.768
2/9/2018 10:00	129600	118.695	20.399	270.543	4370.864	4791.967	2.596	3.259	228.788	1	14.782
2/9/2018 10:15	130500	118.678	20.409	270.505	4372.778	4793.04	2.597	3.259	228.688	1	14.764
2/9/2018 10:30	131400	118.681	20.413	270.51	4373.352	4793.274	2.597	3.259	228.658	1	14.764
2/9/2018 10:45	132300	118.675	20.407	270.497	4371.708	4792.112	2.596	3.259	228.744	1	14.767
2/9/2018 11:00	133200	118.694	20.401	270.54	4373.112	4794.194	2.598	3.26	228.67	1	14.761
2/9/2018 11:15	134100	118.677	20.398	270.502	4372.9	4794.332	2.598	3.26	228.681	1	14.763
2/9/2018 11:30	135000	118.683	20.403	270.515	4372.469	4793.206	2.597	3.259	228.704	1	14.754
2/9/2018 11:45	135900	118.669	20.403	270.483	4373.691	4794.716	2.598	3.26	228.64	1	14.758
2/9/2018 12:00	136800	118.674	20.397	270.495	4370.914	4792.267	2.596	3.259	228.785	1	14.749
2/9/2018 12:15	137700	118.656	20.397	270.454	4371.606	4793.009	2.597	3.259	228.749	1	14.748
2/9/2018 12:30	138600	118.662	20.404	270.468	4372.601	4793.424	2.597	3.26	228.697	1	14.749
2/9/2018 12:45	139500	118.643	20.395	270.423	4373.596	4795.339	2.598	3.261	228.645	1	14.743
2/9/2018 13:00	140400	118.637	20.41	270.41	4371.293	4793.236	2.597	3.259	228.765	1	14.752
2/9/2018 13:15	141300	118.636	20.397	270.409	4372.647	4794.167	2.598	3.26	228.694	1	14.734
2/9/2018 13:30	142200	118.617	20.399	270.366	4373.191	4794.528	2.598	3.26	228.666	1	14.735
2/9/2018 13:45	143100	118.632	20.395	270.399	4371.377	4792.958	2.597	3.259	228.761	1	14.731
2/9/2018 14:00	144000	118.59	20.388	270.304	4372.317	4794.726	2.598	3.26	228.712	1	14.728
2/9/2018 14:15	144900	118.568	20.397	270.252	4374.219	4795.829	2.598	3.261	228.612	1	14.724
2/9/2018 14:30	145800	118.567	20.393	270.25	4371.974	4793.753	2.597	3.26	228.73	1	14.723
2/9/2018 14:45	146700	118.547	20.389	270.205	4372.356	4794.664	2.598	3.26	228.71	1	14.727
2/9/2018 15:00	147600	118.531	20.39	270.168	4372.728	4794.906	2.598	3.261	228.69	1	14.725
2/9/2018 15:15	148500	118.511	20.4	270.123	4372.665	4793.871	2.597	3.26	228.693	1	14.73
2/9/2018 15:30	149400	118.513	20.395	270.127	4373.369	4795.099	2.598	3.261	228.657	1	14.721
2/9/2018 15:45	150300	118.486	20.417	270.066	4377.042	4796.984	2.599	3.262	228.465	1	14.721
2/9/2018 16:00	151200	118.479	20.415	270.079	4376.077	4796.17	2.599	3.261	228.668	1	14.721
2/9/2018 16:15	152100	118.471	20.379	270.033	4376.837	4795.837	2.599	3.262	228.652	1	14.72
2/9/2018 16:30	153000	118.46	20.405	270.008	4374.052	4794.892	2.598	3.261	228.621	1	14.723
2/9/2018 16:45	153900	118.467	20.405	270.024	4375.738	4796.758	2.599	3.262	228.533	1	14.715
2/9/2018 17:00	154800	118.458	20.403	270.002	4374.879	4795.956	2.599	3.261	228.578	1	14.714
2/9/2018 17:15	155700	118.457	20.404	269.999	4373.294	4794.158	2.598	3.26	228.661	1	14.715
2/9/2018 17:30	156600	118.443	20.395	269.968	4373.552	4795.361	2.598	3.261	228.647	1	14.716
2/9/2018 17:45	157500	118.431	20.375	269.94	4371.544	4795.151	2.598	3.261			

2/11/2018 1:00	270000	118.334	20.383	269.719	4382.018	4805.813	2.604	3.268	228.205	1	14.714
2/11/2018 1:15	270900	118.355	20.39	269.767	4380.304	4803.274	2.603	3.266	228.295	1	14.714
2/11/2018 1:30	271800	118.325	20.4	269.699	4381.371	4803.354	2.603	3.266	228.239	1	14.712
2/11/2018 1:45	272700	118.339	20.387	269.73	4382.444	4805.929	2.604	3.268	228.183	1	14.706
2/11/2018 2:00	273600	118.339	20.395	269.731	4383.437	4806.189	2.604	3.268	228.132	1	14.712
2/11/2018 2:15	274500	118.342	20.411	269.738	4384.27	4805.459	2.604	3.268	228.068	1	14.717
2/11/2018 2:30	275400	118.346	20.398	269.746	4382.734	4805.139	2.604	3.267	228.168	1	14.713
2/11/2018 2:45	276300	118.345	20.394	269.746	4382.418	4805.145	2.604	3.267	228.185	1	14.702
2/11/2018 3:00	277200	118.342	20.397	269.737	4382.375	4804.807	2.604	3.267	228.187	1	14.714
2/11/2018 3:15	278100	118.348	20.411	269.751	4384.057	4805.199	2.604	3.268	228.099	1	14.714
2/11/2018 3:30	279000	118.341	20.414	269.735	4385.759	4806.775	2.605	3.269	228.011	1	14.719
2/11/2018 3:45	279900	118.367	20.406	269.796	4382.742	4804.268	2.603	3.267	228.168	1	14.717
2/11/2018 4:00	280800	118.38	20.39	269.824	4382.751	4805.897	2.604	3.268	228.167	1	14.718
2/11/2018 4:15	281700	118.38	20.403	269.824	4382.879	4804.709	2.604	3.267	228.161	1	14.714
2/11/2018 4:30	282600	118.398	20.392	269.865	4382.456	4805.432	2.604	3.268	228.183	1	14.711
2/11/2018 4:45	283500	118.397	20.396	269.864	4382.436	4804.962	2.604	3.267	228.184	1	14.712
2/11/2018 5:00	284400	118.416	20.39	269.906	4382.591	4805.73	2.604	3.268	228.176	1	14.709
2/11/2018 5:15	285300	118.411	20.395	269.896	4382.589	4805.216	2.604	3.268	228.176	1	14.708
2/11/2018 5:30	286200	118.419	20.409	269.934	4385.786	4807.342	2.605	3.269	228.099	1	14.708
2/11/2018 5:45	287100	118.424	20.387	269.926	4383.392	4806.897	2.605	3.269	228.134	1	14.713
2/11/2018 6:00	288000	118.43	20.411	269.938	4386.605	4808.037	2.606	3.269	227.967	1	14.7
2/11/2018 6:15	288900	118.444	20.386	269.97	4384.326	4808.001	2.605	3.269	228.085	1	14.708
2/11/2018 6:30	289800	118.456	20.393	269.998	4383.555	4806.54	2.605	3.268	228.125	1	14.705
2/11/2018 6:45	290700	118.452	20.399	269.99	4385.188	4807.714	2.605	3.269	228.04	1	14.714
2/11/2018 7:00	291600	118.456	20.396	269.998	4384.137	4806.871	2.605	3.269	228.095	1	14.713
2/11/2018 7:15	292500	118.48	20.394	270.051	4384.257	4807.196	2.605	3.269	228.089	1	14.712
2/11/2018 7:30	293400	118.461	20.402	270.009	4384.582	4806.716	2.605	3.269	228.072	1	14.716
2/11/2018 7:45	294300	118.478	20.399	270.048	4383.555	4805.854	2.604	3.268	228.125	1	14.711
2/11/2018 8:00	295200	118.494	20.385	270.084	4384.404	4808.184	2.606	3.27	228.081	1	14.707
2/11/2018 8:15	296100	118.472	20.398	270.035	4386.164	4808.899	2.606	3.27	227.99	1	14.717
2/11/2018 8:30	297000	118.481	20.392	270.054	4385.534	4808.736	2.606	3.27	228.022	1	14.717
2/11/2018 8:45	297900	118.5	20.398	270.097	4384.582	4807.077	2.605	3.269	228.072	1	14.711
2/11/2018 9:00	298800	118.494	20.403	270.084	4384.705	4806.746	2.605	3.269	228.066	1	14.724
2/11/2018 9:15	299700	118.494	20.392	270.084	4384.317	4807.384	2.605	3.269	228.086	1	14.713
2/11/2018 9:30	300600	118.501	20.381	270.099	4383.276	4807.414	2.605	3.269	228.14	1	14.714
2/11/2018 9:45	301500	118.51	20.392	270.121	4387.168	4810.563	2.607	3.271	227.937	1	14.715
2/11/2018 10:00	302400	118.513	20.409	270.129	4388.048	4809.447	2.607	3.271	227.807	1	14.714
2/11/2018 10:15	303300	118.501	20.406	270.101	4388.373	4810.494	2.607	3.271	227.875	1	14.715
2/11/2018 10:30	304200	118.507	20.394	270.114	4385.167	4808.193	2.606	3.27	228.041	1	14.712
2/11/2018 10:45	305100	118.522	20.391	270.147	4386.744	4810.152	2.607	3.271	227.96	1	14.717
2/11/2018 11:00	306000	118.51	20.396	270.12	4386.811	4809.722	2.606	3.271	227.956	1	14.719
2/11/2018 11:15	306900	118.516	20.389	270.134	4384.522	4807.961	2.605	3.269	228.075	1	14.72
2/11/2018 11:30	307800	118.524	20.38	270.154	4385.761	4810.252	2.607	3.271	228.011	1	14.719
2/11/2018 11:45	308700	118.531	20.386	270.168	4386.415	4810.364	2.607	3.271	227.977	1	14.71
2/11/2018 12:00	309600	118.525	20.404	270.156	4386.963	4809.125	2.606	3.27	227.948	1	14.711
2/11/2018 12:15	310500	118.543	20.396	270.196	4386.704	4809.694	2.606	3.271	227.962	1	14.704
2/11/2018 12:30	311400	118.549	20.41	270.21	4388.615	4810.355	2.607	3.271	227.862	1	14.7
2/11/2018 12:45	312300	118.556	20.394	270.225	4387.769	4811.063	2.607	3.272	227.906	1	14.695
2/11/2018 13:00	313200	118.555	20.395	270.219	4385.829	4808.804	2.606	3.27	228.06	1	14.703
2/11/2018 13:15	314100	118.569	20.403	270.256	4386.921	4809.22	2.606	3.27	227.95	1	14.695
2/11/2018 13:30	315000	118.577	20.383	270.273	4385.318	4809.441	2.606	3.27	228.034	1	14.687
2/11/2018 13:45	315900	118.56	20.386	270.234	4385.951	4809.845	2.607	3.271	228.001	1	14.674
2/11/2018 14:00	316800	118.584	20.402	270.29	4388.45	4810.929	2.607	3.271	227.871	1	14.665
2/11/2018 14:15	317700	118.583	20.393	270.288	4386.467	4809.725	2.606	3.271	227.974	1	14.665
2/11/2018 14:30	318600	118.58	20.401	270.281	4386.571	4808.958	2.606	3.27	227.968	1	14.658
2/11/2018 14:45	319500	118.603	20.378	270.334	4387.102	4811.856	2.608	3.272	227.941	1	14.656
2/11/2018 15:00	320400	118.609	20.39	270.347	4387.977	4811.688	2.608	3.272	227.895	1	14.665
2/11/2018 15:15	321300	118.6	20.397	270.325	4389.037	4812.111	2.608	3.272	227.84	1	14.669
2/11/2018 15:30	322200	118.607	20.38	270.342	4385.903	4810.365	2.607	3.271	228.003	1	14.672
2/11/2018 15:45	323100	118.615	20.399	270.36	4390.013	4812.926	2.608	3.273	227.79	1	14.662
2/11/2018 16:00	324000	118.651	20.408	270.442	4388.02	4809.887	2.607	3.271	227.893	1	14.663
2/11/2018 16:15	324900	118.631	20.394	270.396	4387.385	4810.582	2.607	3.271	227.967	1	14.666
2/11/2018 16:30	325800	118.63	20.387	270.395	4386.703	4810.528	2.607	3.271	227.962	1	14.674
2/11/2018 16:45	326700	118.629	20.398	270.391	4390.318	4813.454	2.609	3.273	227.774	1	14.671
2/11/2018 17:00	327600	118.636	20.384	270.408	4388.838	4813.196	2.608	3.273	227.851	1	14.669
2/11/2018 17:15	328500	118.647	20.379	270.432	4387.103	4811.751	2.608	3.272	227.941	1	14.669
2/11/2018 17:30	329400	118.65	20.382	270.44	4387.947	4812.447	2.608	3.272	227.897	1	14.666
2/11/2018 17:45	330300	118.656	20.379	270.454	4386.39	4811.158	2.608	3.272	227.947	1	14.667
2/11/2018 18:00	331200	118.663	20.39	270.47	4387.408	4811.064	2.607	3.272	227.925	1	14.671
2/11/2018 18:15	332100	118.657	20.4	270.455	4390.847	4813.795	2.609	3.273	227.747	1	14.667
2/11/2018 18:30	333000	118.658	20.4	270.457	4388.114	4810.773	2.607	3.271	227.888	1	14.67
2/11/2018 18:45	333900	118.664	20.395	270.472	4391.203	4814.67	2.609	3.274	227.728	1	14.669
2/11/2018 19:00	334800	118.654	20.385	270.449	4387.713	4811.892	2.608	3.272	227.909	1	14.676
2/11/2018 19:15	335700	118.67	20.384	270.485	4388.76	4813.095	2.608	3.273	227.855	1	14.672
2/11/2018 19:30	336600	118.668	20.389	270.481	4390.367	4814.379	2.609	3.274	227.771	1	14.676
2/11/2018 19:45	337500	118.643	20.408	270.423	4392.016	4814.249	2.609	3.274	227.686	1	14.672
2/11/2018 20:00	338400	118.664	20.406	270.472	4390.005	4812.212	2.608	3.272	227.79	1	14.67
2/11/2018 20:15	339300	118.659	20.405	270.461	4390.488	4812.855	2.608	3.273	227.765	1	14.673
2/11/2018 20:30	340200	118.649	20.385	270.437	4388.933	4813.203	2.608	3.273	227.846	1	14.679
2/11/2018 20:45	341100	118.645	20.389	270.435	4389.943	4813.28	2.609	3.273	227.793	1	14.673
2/11/2018 21:00	342000	118.667	20.412	270.479	4394.03	4816.087	2.61	3.275	227.581	1	14.677
2/11/2018 21:15	342900	118.662	20.401	270.468	4390.267	4813.089	2.608	3.273	227.777	1	14.67
2/11/2018 21:30	343800	118.663	20.4	270.47	4392.493	4815.625	2.61	3.275	227.661	1	14.676
2/11/2018 21:45	344700	118.659	20.39	270.461	4389.795	4813.594	2.609	3.273	227.801	1	14.669
2/11/2018 22:00	345600	118.68	20.4	270.508	4391.109	4814.109	2.609	3.274	227.733	1	14.666
2/11/2018 22:15	346500	118.667	20.398	270.478	4390.237	4815.73	2.61	3.275	227.648	1	14.67
2/11/201											

2/13/2018 5:45	459900	118.293	20.415	269.625	4404.932	4827.665	2.617	3.283	237.018	1	14.764
2/13/2018 6:00	460800	118.284	20.393	269.606	4400.807	4825.413	2.616	3.281	227.231	1	14.764
2/13/2018 6:15	461700	118.287	20.415	269.612	4404.893	4827.649	2.617	3.283	227.02	1	14.772
2/13/2018 6:30	462600	118.296	20.412	269.633	4402.603	4825.492	2.616	3.281	227.138	1	14.774
2/13/2018 6:45	463500	118.321	20.397	269.69	4403.571	4828.011	2.617	3.283	227.088	1	14.779
2/13/2018 7:00	464400	118.345	20.395	269.746	4401.891	4826.196	2.616	3.282	227.185	1	14.779
2/13/2018 7:15	465300	118.36	20.41	269.778	4402.969	4826.105	2.616	3.282	227.119	1	14.782
2/13/2018 7:30	466200	118.381	20.42	269.827	4403.491	4825.619	2.616	3.281	227.093	1	14.786
2/13/2018 7:45	467100	118.379	20.424	269.822	4403.357	4825.049	2.615	3.281	227.099	1	14.793
2/13/2018 8:00	468000	118.39	20.398	269.848	4401.976	4826.217	2.616	3.282	227.171	1	14.791
2/13/2018 8:15	468900	118.417	20.408	269.909	4402.584	4825.869	2.616	3.282	227.139	1	14.794
2/13/2018 8:30	469800	118.458	20.388	269.774	4403.44	4828.769	2.617	3.284	227.095	1	14.8
2/13/2018 8:45	470700	118.37	20.415	269.802	4405.249	4828.012	2.617	3.283	227.002	1	14.799
2/13/2018 9:00	471600	118.351	20.408	269.759	4404.392	4827.842	2.617	3.283	227.046	1	14.801
2/13/2018 9:15	472500	118.335	20.401	269.721	4400.862	4824.634	2.615	3.281	227.228	1	14.804
2/13/2018 9:30	473400	118.319	20.392	269.685	4401.194	4825.961	2.616	3.282	227.211	1	14.805
2/13/2018 9:45	474300	118.296	20.393	269.633	4402.403	4827.198	2.617	3.282	227.149	1	14.798
2/13/2018 10:00	475200	118.283	20.383	269.603	4402.261	4827.979	2.617	3.283	227.156	1	14.804
2/13/2018 10:15	476100	118.264	20.392	269.56	4403.763	4828.795	2.617	3.284	227.079	1	14.807
2/13/2018 10:30	477000	118.241	20.406	269.507	4402.494	4825.982	2.616	3.282	227.144	1	14.804
2/13/2018 10:45	477900	118.226	20.411	269.474	4404.155	4827.254	2.617	3.283	227.058	1	14.808
2/13/2018 11:00	478800	118.226	20.394	269.474	4402.308	4826.917	2.616	3.282	227.154	1	14.803
2/13/2018 11:15	479700	118.21	20.383	269.437	4400.271	4825.885	2.616	3.282	227.259	1	14.804
2/13/2018 11:30	480600	118.199	20.399	269.411	4403.264	4827.47	2.617	3.283	227.104	1	14.799
2/13/2018 11:45	481500	118.185	20.407	269.381	4402.949	4826.313	2.616	3.282	227.12	1	14.803
2/13/2018 12:00	482400	118.193	20.401	269.397	4403.031	4826.994	2.616	3.282	227.116	1	14.795
2/13/2018 12:15	483300	118.168	20.406	269.341	4403.182	4826.666	2.616	3.282	227.108	1	14.797
2/13/2018 12:30	484200	118.171	20.392	269.349	4402.769	4827.625	2.617	3.283	227.13	1	14.796
2/13/2018 12:45	485100	118.162	20.38	269.328	4402.119	4828.124	2.617	3.283	227.163	1	14.789
2/13/2018 13:00	486000	118.145	20.407	269.289	4404.219	4827.776	2.617	3.283	227.055	1	14.79
2/13/2018 13:15	486900	118.143	20.395	269.285	4404.446	4829.181	2.618	3.284	227.043	1	14.786
2/13/2018 13:30	487800	118.128	20.385	269.249	4401.317	4826.741	2.616	3.282	227.205	1	14.79
2/13/2018 13:45	488700	118.142	20.405	269.282	4403.033	4826.653	2.616	3.282	227.116	1	14.785
2/13/2018 14:00	489600	118.125	20.399	269.243	4405.191	4829.664	2.618	3.284	227.005	1	14.782
2/13/2018 14:15	490500	118.123	20.409	269.239	4404.153	4827.483	2.617	3.283	227.058	1	14.783
2/13/2018 14:30	491400	118.126	20.389	269.245	4402.941	4828.15	2.617	3.283	227.121	1	14.776
2/13/2018 14:45	492300	118.128	20.391	269.251	4403.94	4829.668	2.618	3.284	227.069	1	14.784
2/13/2018 15:00	493200	118.12	20.383	269.231	4402.669	4828.505	2.617	3.283	227.135	1	14.784
2/13/2018 15:15	494100	118.108	20.391	269.204	4405.198	4830.457	2.618	3.285	227.005	1	14.785
2/13/2018 15:30	495000	118.124	20.399	269.241	4403.539	4827.78	2.617	3.283	227.09	1	14.788
2/13/2018 15:45	495900	118.123	20.394	269.238	4404.464	4829.352	2.618	3.284	227.042	1	14.79
2/13/2018 16:00	496800	118.125	20.393	269.244	4402.933	4827.753	2.617	3.283	227.121	1	14.789
2/13/2018 16:15	497700	118.119	20.385	269.23	4402.32	4827.821	2.617	3.283	227.153	1	14.793
2/13/2018 16:30	498600	118.126	20.373	269.245	4401.833	4828.525	2.617	3.283	227.178	1	14.79
2/13/2018 16:45	499500	118.098	20.391	269.182	4403.699	4828.831	2.618	3.284	227.082	1	14.794
2/13/2018 17:00	500400	118.106	20.385	269.201	4404.27	4830.005	2.618	3.284	227.052	1	14.792
2/13/2018 17:15	501300	118.101	20.406	269.188	4404.932	4828.611	2.617	3.283	227.018	1	14.797
2/13/2018 17:30	502200	118.109	20.405	269.208	4405.579	4829.407	2.618	3.284	226.985	1	14.795
2/13/2018 17:45	503100	118.116	20.394	269.222	4403.401	4828.16	2.617	3.283	227.097	1	14.797
2/13/2018 18:00	504000	118.125	20.4	269.242	4403.314	4827.5	2.617	3.283	227.102	1	14.803
2/13/2018 18:15	504900	118.131	20.4	269.256	4404.642	4828.911	2.618	3.284	227.033	1	14.795
2/13/2018 18:30	505800	118.136	20.407	269.268	4404.987	4828.582	2.617	3.283	227.015	1	14.801
2/13/2018 18:45	506700	118.148	20.405	269.296	4404.231	4827.938	2.617	3.283	227.054	1	14.795
2/13/2018 19:00	507600	118.157	20.396	269.317	4403.256	4827.833	2.617	3.283	227.105	1	14.807
2/13/2018 19:15	508500	118.154	20.404	269.309	4404.268	4828.05	2.617	3.283	227.053	1	14.806
2/13/2018 19:30	509400	118.129	20.404	269.252	4406.284	4826.284	2.618	3.285	226.949	1	14.806
2/13/2018 19:45	510300	118.119	20.386	269.229	4403.364	4828.879	2.618	3.284	227.099	1	14.809
2/13/2018 20:00	511200	118.095	20.378	269.175	4402.42	4828.665	2.617	3.283	227.148	1	14.811
2/13/2018 20:15	512100	118.072	20.391	269.122	4403.291	4828.296	2.617	3.283	227.103	1	14.81
2/13/2018 20:30	513000	118.053	20.405	269.079	4407.059	4831.013	2.619	3.285	226.909	1	14.815
2/13/2018 20:45	513900	118.067	20.395	269.11	4404.4	4829.113	2.618	3.284	227.046	1	14.813
2/13/2018 21:00	514800	118.054	20.389	269.062	4403.377	4828.611	2.617	3.283	227.098	1	14.816
2/13/2018 21:15	515700	118.077	20.389	269.133	4402.449	4827.61	2.617	3.283	227.146	1	14.816
2/13/2018 21:30	516600	118.088	20.39	269.159	4405.588	4830.982	2.619	3.285	226.984	1	14.816
2/13/2018 21:45	517500	118.091	20.388	269.165	4402.866	4828.174	2.617	3.283	227.125	1	14.82
2/13/2018 22:00	518400	118.074	20.411	269.128	4407.229	4830.67	2.619	3.285	226.9	1	14.819
2/13/2018 22:15	519300	118.063	20.401	269.101	4404.038	4828.098	2.617	3.283	227.064	1	14.819
2/13/2018 22:30	520200	118.046	20.393	269.063	4405.77	4829.26	2.618	3.284	226.975	1	14.815
2/13/2018 22:45	521100	118.026	20.39	269.017	4403.695	4828.906	2.618	3.284	227.082	1	14.825
2/13/2018 23:00	522000	118.021	20.407	269.005	4406.203	4829.951	2.618	3.284	226.953	1	14.822
2/13/2018 23:15	522900	118.009	20.401	268.978	4404.09	4828.163	2.617	3.283	227.062	1	14.826
2/13/2018 23:30	523800	118.004	20.394	268.967	4406.64	4831.684	2.619	3.286	226.93	1	14.828
2/13/2018 23:45	524700	118	20.394	268.959	4405.421	4830.339	2.618	3.285	226.993	1	14.82
2/14/2018 0:00	525600	117.989	20.392	268.932	4403.65	4828.63	2.617	3.283	227.084	1	14.824
2/14/2018 0:15	526500	117.987	20.388	268.929	4403.738	4829.13	2.618	3.284	227.08	1	14.821
2/14/2018 0:30	527400	117.977	20.384	268.906	4404.244	4830.118	2.618	3.284	227.054	1	14.823
2/14/2018 0:45	528300	117.973	20.41	268.898	4407.495	4831.013	2.619	3.285	226.886	1	14.818
2/14/2018 1:00	529200	117.974	20.399	268.899	4405.174	4829.556	2.618	3.284	227.006	1	14.822
2/14/2018 1:15	530100	117.959	20.394	268.865	4404.678	4829.533	2.618	3.284	227.031	1	14.824
2/14/2018 1:30	531000	117.953	20.409	268.851	4403.119	4827.465	2.619	3.285	226.888	1	14.818
2/14/2018 1:45	531900	117.953	20.403	268.851	4406.298	4830.454	2.618	3.285	226.948	1	14.826
2/14/2018 2:00	532800	117.978	20.398	268.909	4407.769	4832.506	2.62	3.286	226.872	1	14.822
2/14/2018 2:15	533700	118.008	20.384	268.976	4406.366	4832.437	2.62	3.286	226.944	1	14.816
2/14/2018 2:30	534600	118.035	20.387	269.039	4405.449	4831.157	2.619	3.285	226.992	1	14.813
2/14/2018 2:45	535500	118.072	20.38	269.124	4403.622	4829.825	2.618	3.284	227.086	1	14.803
2/14/2018 3:00	536400	118.098	20.405	269.182	4407.563	4831.612	2.619	3.286	226.883	1	

Report Date: 2/16/2018 10:43
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_2018-02-15_09-26-02-242-BaroMerge.wsl
Create Date 2/16/2018 10:40

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 75
Used Battery 34

Log Configuration
Log Name MPWSP MW-6M LT Test
Created By WMassoll
Computer Name TABLET001
Application WinSitu.exe
Application Version 5.6.27.1
Create Date 11/16/2017 9:25:00 AM Pacific Standard Time
Log Setup Time Zone Pacific Standard Time
Notes Size(bytes) 4096
Overwrite when full Enabled
Scheduled Start Time 11/16/2017 9:30:00 AM Pacific Standard Time
Scheduled Stop Time No Stop Time
Type Linear
Interval Days: 0 hrs: 00 mins: 15 secs: 00

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

Other Log Settings
Depth of Probe: 172.215 (ft)
Head Pressure: 74.5853 (PSI)
Temperature: 16.8649 (C)
Specific Conductivity Model: Standard Methods
Reference Temperature: 25
Temperature Coefficient: 0.0191
TDS Factor: 0.68

Log Notes:
Date and Time Note
11/16/2017 9:24 Used Battery: 34% Used Memory: 78% User Name: WMassoll
11/23/2017 13:13 Log Download - Used Battery: 34% Used Memory: 78% User Name: AVanHaitsma Interval - Start Time: 11/15/2017 10:00:00 PM Stop Time: 11/23/2017 3:00:00 PM
12/1/2017 8:20 Log Download - Used Battery: 34% Used Memory: 79% User Name: AVanHaitsma Interval - Start Time: 10/31/2017 10:00:00 PM Stop Time: 12/1/2017 9:15:00 AM
12/7/2017 9:26 Log Download - Used Battery: 35% Used Memory: 79% User Name: WMassoll Interval - Start Time: 11/29/2017 10:00:00 PM Stop Time: 12/7/2017 9:15:00 AM
12/14/2017 10:38 Log Download - Used Battery: 35% Used Memory: 81% User Name: WMassoll Interval - Start Time: 12/6/2017 10:00:00 PM Stop Time: 12/14/2017 10:30:00 AM
12/21/2017 7:46 Log Download - Used Battery: 35% Used Memory: 81% User Name: AVanHaitsma Interval - Start Time: 12/13/2017 10:00:00 PM Stop Time: 12/21/2017 8:45:00 AM
1/4/2018 11:13 Log Download - Used Battery: 36% Used Memory: 82% User Name: WMassoll Interval - Start Time: 11/30/2017 10:00:00 PM Stop Time: 1/4/2018 12:00:00 PM
1/11/2018 11:03 Log Download - Used Battery: 36% Used Memory: 84% User Name: AVanHaitsma Interval - Start Time: 1/3/2018 10:00:00 PM Stop Time: 1/11/2018 12:00:00 PM
1/18/2018 9:06 Log Download - Used Battery: 37% Used Memory: 84% User Name: WMassoll Interval - Start Time: 1/10/2018 10:00:00 PM Stop Time: 1/18/2018 9:00:00 AM
1/26/2018 9:25 Log Download - Used Battery: 37% Used Memory: 85% User Name: WMassoll Interval - Start Time: 1/17/2018 10:00:00 PM Stop Time: 1/26/2018 9:15:00 AM
2/1/2018 15:05 Log Download - Used Battery: 38% Used Memory: 85% User Name: WMassoll Interval - Start Time: 12/31/2017 10:00:00 PM Stop Time: 2/1/2018 3:00:00 PM
2/8/2018 9:39 Log Download - Used Battery: 38% Used Memory: 87% User Name: AVanHaitsma Interval - Start Time: 1/31/2018 10:00:00 PM Stop Time: 2/8/2018 10:30:00 AM
2/15/2018 9:24 Log Download - Used Battery: 38% Used Memory: 87% User Name: AVanHaitsma Interval - Start Time: 2/7/2018 10:00:00 PM Stop Time: 2/15/2018 10:15:00 AM
2/16/2018 10:40 User Note: "Pressure & Level adjusted by baro data from: "MPWSP Barotroll_2018-02-15_16-52-45-921.wsl""

Log Data:
Record Count 718

Sensors
1
2
440621 PCTD 100 PSIA (60.1m/197.3ft)
2
0 Baro-Adjustment Calc

Time Zone: Pacific Standard 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: 440621 Corrected Pressure (PSI)	Temperature (C)	SNR: 440621 Corrected Pressure (PSI)	Temperature (C)	SNR: 440621 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)				
2/8/2018 0:00	7200	60.642	16.867	60.642	16.867	140.02	1159.851	1373.157	0.694	0.934	862.179	0.999	14.84				
2/8/2018 0:15	8100	60.647	16.872	60.647	16.872	140.032	1160.756	1374.079	0.694	0.934	861.507	0.999	14.832				
2/8/2018 0:30	9000	60.645	16.866	60.645	16.866	140.026	1159.999	1373.354	0.694	0.934	862.07	0.999	14.839				
2/8/2018 0:45	9900	60.666	16.874	60.666	16.874	140.077	1159.993	1373.093	0.693	0.934	862.074	0.999	14.835				
2/8/2018 1:00	10800	60.649	16.872	60.649	16.872	140.038	1159.846	1372.988	0.693	0.934	862.183	0.999	14.838				
2/8/2018 1:15	11700	60.661	16.87	60.661	16.87	140.065	1158.273	1371.188	0.692	0.932	863.354	0.999	14.834				
2/8/2018 1:30	12600	60.659	16.872	60.659	16.872	140.06	1160.362	1373.606	0.694	0.934	861.8	0.999	14.832				
2/8/2018 1:45	13500	60.663	16.872	60.663	16.872	140.07	1159.701	1372.832	0.693	0.934	862.292	0.999	14.836				
2/8/2018 2:00	14400	60.674	16.868	60.674	16.868	140.094	1160.031	1373.354	0.694	0.934	862.046	0.999	14.829				
2/8/2018 2:15	15300	60.682	16.869	60.682	16.869	140.112	1157.1	1369.851	0.692	0.931	864.23	0.999	14.826				
2/8/2018 2:30	16200	60.678	16.875	60.678	16.875	140.103	1160.686	1373.886	0.694	0.934	861.56	0.999	14.828				
2/8/2018 2:45	17100	60.679	16.862	60.679	16.862	140.107	1158.309	1371.494	0.693	0.933	863.328	0.999	14.833				
2/8/2018 3:00	18000	60.688	16.876	60.688	16.876	140.128	1158.467	1371.233	0.693	0.932	863.21	0.999	14.827				
2/8/2018 3:15	18900	60.69	16.873	60.69	16.873	140.13	1159.402	1372.443	0.693	0.933	862.514	0.999	14.827				
2/8/2018 3:30	19800	60.695	16.876	60.695	16.876	140.144	1161.765	1375.153	0.695	0.935	860.759	0.999	14.824				
2/8/2018 3:45	20700	60.703	16.871	60.703	16.871	140.162	1159.847	1373.043	0.693	0.934	862.183	0.999	14.82				
2/8/2018 4:00	21600	60.707	16.871	60.707	16.871	140.171	1158.105	1370.965	0.692	0.932	863.479	0.999	14.827				
2/8/2018 4:15	22500	60.705	16.875	60.705	16.875	140.166	1161.398	1374.735	0.694	0.935	861.031	0.999	14.832				
2/8/2018 4:30	23400	60.723	16.874	60.723	16.874	140.208	1162.005	1375.48	0.695	0.935	860.582	0.999	14.822				
2/8/2018 4:45	24300	60.743	16.873	60.743	16.873	140.253	1157.971	1370.746	0.692	0.932	863.579	0.999	14.827				
2/8/2018 5:00	25200	60.727	16.874	60.727	16.874	140.217	1160.471	1373.665	0.694	0.934	861.719	0.999	14.827				
2/8/2018 5:15	26100	60.732	16.871	60.732	16.871	140.228	1157.134	1369.831	0.692	0.931	864.204	0.999	14.827				
2/8/2018 5:30	27000	60.733	16.876	60.733	16.876	140.231	1156.857	1369.327	0.692	0.931	864.411	0.999	14.827				
2/8/2018 5:45	27900	60.739	16.867	60.739	16.867	140.245	1158.475	1371.533	0.693	0.933	863.204	0.999	14.829				
2/8/2018 6:00	28800	60.736	16.874	60.736	16.874	140.237	1159.003	1371.941	0.693	0.933	862.81	0.999	14.832				
2/8/2018 6:15	29700	60.752	16.876	60.752	16.876	140.274	1158.445	1371.203	0.692	0.932	863.226	0.999	14.826				
2/8/2018 6:30	30600	60.771	16.872	60.771	16.872	140.319	1160.423	1373.679	0.694	0.934	861.754	0.999	14.826				
2/8/2018 6:45	31500	60.753	16.874	60.753	16.874	140.276	1155.808	1368.156	0.691	0.93	865.195	0.999	14.834				
2/8/2018 7:00	32400	60.766	16.865	60.766	16.865	140.307	1153.161	1365.291	0.689	0.928	867.182	0.999	14.828				
2/8/2018 7:15	33300	60.767	16.866	60.767	16.866	140.309	1153.991	1366.254	0.69	0.929	866.558	0.999	14.832				
2/8/2018 7:30	34200	60.77	16.872	60.77	16.872	140.315	1153.882	1365.923	0.69	0.929	866.64	0.999	14.832				
2/8/2018 7:45	35100	60.771	16.867	60.771	16.867	140.317	1155.445	1367.943	0.691	0.93	865.468	0.999	14.836				
2/8/2018 8:00	36000	60.778	16.874	60.778	16.874	140.333	1155.96	1368.347	0.691	0.93	865.082	0.999	14.827				
2/8/2018 8:15	36900	60.769	16.869	60.769	16.869	140.313	1157.63	1370.471	0.692	0.932	863.834	0.999	14.838				
2/8/2018 8:30	37800	60.768	16.873	60.768	16.873	140.311	1157.703	1370.416	0.692	0.932	863.779	0.999	14.837				
2/8/2018 8:45	38700	60.763	16.872	60.763	16.872	140.301	1156.638	1369.203	0.691	0.931	864.575	0.999	14.838				
2/8/2018 9:00	39600	60.771	16.874	60.771	16.874	140.318	1152.934	1364.749	0.689	0.928	867.352	0.999	14.84				
2/8/2018 9:15	40500	60.756	16.872	60.756	16.872	140.283	1154.252	1366.371	0.69	0.929	866.362	0.999	14.839				
2/8/2018 9:30	41400	60.749	16.87	60.749	16.87	140.268	1156.355	1368.818	0.691	0.931	864.786	0.999	14.841				
2/8/2018 9:45	42300	57.574	16.854	57.574	16.854	132.936	1164.372	1378.919	0.697	0.938	858.832	0.999	14.837				
2/8/2018 10:00	43200	0.315	15.633	0.312	15.633	10813.384	13169.44	7.629	8.955	92.478	1.005	14.836					
2/8/2018 10:15	44100	-0.023	15.819	-0.053	15.819	15.224	18.462	0.007	0.013	65684.438	0.999	14.835					
2/8/2018 10:30	45000	60.751	16.853	60.751	16.853	140.273	1155.239	1368.139	0.691	0.93	865.622	0.999	14.828				
2/8/2018 10:45	45900	60.743	16.871	60.743	16.871	140.254	1155.736	1368.153	0.691	0.93	865.249	0.999	14.836				
2/8/2018 11:00	46800	60.725	16.872	60.725	16.872	140.212	1156.631	1369.188	0.691	0.931	864.58	0.999	14.828				
2/8/2018 11:15	47700	60.721	16.877	60.721	16.877	140.203	1155.517	1367.706	0.691	0.93	865.413	0.999	14.826				
2/8/2018 11:30	48600	60.711	16.876	60.711	16.876	140.18	1154.298	1366.317	0.69	0.929	866.327	0.999	14.823				
2/8/2018 11:45	49500	60.719	16.884	60.719	16.884	140.199	1152.746	1364.215	0.689	0.928	867.494	0.999	14.817				
2/8/2018 12:00	50400	60.705	16.886	60.705	16.886	140.166	1152.782	1364.209	0.689	0.928	867.467	0.999	14.817				
2/8/2018 12:15	51300	60.69	16.886	60.69	16.886	140.131	1151.698	1362.905	0.688	0.927	868.283	0.999	14.802				
2/8/2018 12:30	52200	60.68	16.889	60.68	16.889	140.108	1149.968	1360.774	0.687	0.925	869.589	0.999	14.804				
2/8/2018 12:45	53100	60.697	16.891	60.697	16.891	140.148	1149.614	1360.314	0.687	0.925	869.858	0.999	14.795				
2/8/2018 13:00	54000	60.691	16.893	60.691	16.893	140.134	1149.655	1360.293	0.687	0.925	869.826	0.999	14.79				
2/8/2018 13:15	54900	60.689	16.894	60.689	16.894	140.129	1149.689	1360.31	0.687	0.925	869.8	0.999	14.785				
2/8/2018 13:30	55800	60.663	16.895	60.663	16.895	140.069	1149.622	1360.184	0.687	0.925	869.851	0.999	14.786				
2/8/2018 13:45	56700	60.665	16.895	60.665	16.895	140.074	1149.643	1360.211	0.687	0.925	869.835	0.999	14.784				
2/8/2018 14:00	57600	60.676	16.895	60.676	16.895	140.099	1149.863	1360.48	0.687	0.925	869.669	0.999	14.783				
2/8/2018 14:15	58500	60.685	16.894	60.685	16.894	140.12	1149.631	1360.225	0.687	0.925	869.844	0.999	14.774				
2/8/2018 14:30	59400	60.674	16.89	60.674	16.89	140.095	1149.903	1360.503	0.687	0.925	869.635	0.999	14.776				
2/8/2018 14:45	60300	60.67	16.893	60.67	16.893	140.085	1149.927	1360.599	0.687	0.925	869.62	0.999	14.781				
2/8/2018 15:00	61200	60.677	16.895	60.677	16.895	140.1	1150.109	1360.768	0.687	0.925	869.483	0.999	14.775				
2/8/2018 15:15	62100	60.669	16.894	60.669	16.894	140.084	1150.113	1360.805	0.687	0.925	869.48	0.999	14.778				
2/8/2018 15:30	63000	60.669	16.892	60.669	16.892	140.083	1150.069	1360.799	0.687	0.925	869.513	0.999	14.774				
2/8/2018 15:45	63900	60.658	16.893	60.658	16.893	140.058	1150.139	1360.846	0.687	0.925	869.46	0.999	14.775				
2/8/2018 16:00	64800	60.692	16.892	60.692	16.892	140.058	1150.542	1361.377	0.687	0.926	869.156	0.999	14.773				
2/8/2018 16:15	65700	60.635	16.892	60.635	16.892	140.005	1150.562	1361.398	0.687	0.926	869.141	0.999	14.774				
2/8/2018 16:30	6																

2/9/2018 6:15	116100	60.754	16.883	140.279	1163.735	1377.269	0.696	0.937	859.302	0.999	14.752
2/9/2018 6:30	117000	60.761	16.883	140.296	1164.115	1377.717	0.696	0.937	859.021	0.999	14.752
2/9/2018 6:45	117900	60.767	16.879	140.31	1164.269	1378.003	0.696	0.937	858.908	0.999	14.748
2/9/2018 7:00	118800	60.763	16.883	140.3	1162.706	1376.035	0.695	0.936	860.063	0.999	14.754
2/9/2018 7:15	119700	60.779	16.881	140.336	1163.5	1377.032	0.696	0.936	859.476	0.999	14.76
2/9/2018 7:30	120600	60.761	16.883	140.296	1164.616	1378.291	0.696	0.937	858.652	0.999	14.765
2/9/2018 7:45	121500	16.88	16.88	140.309	1163.283	1376.824	0.695	0.936	859.636	0.999	14.766
2/9/2018 8:00	122400	60.788	16.879	140.358	1163.106	1376.644	0.695	0.936	859.767	0.999	14.762
2/9/2018 8:15	123300	60.766	16.881	140.306	1164.904	1378.705	0.696	0.938	858.44	0.999	14.771
2/9/2018 8:30	124200	60.773	16.881	140.324	1164.148	1377.815	0.696	0.937	858.997	0.999	14.767
2/9/2018 8:45	125100	60.776	16.876	140.33	1163.776	1377.522	0.696	0.937	859.272	0.999	14.767
2/9/2018 9:00	126000	60.796	16.876	140.376	1164.667	1378.582	0.696	0.937	858.615	0.999	14.764
2/9/2018 9:15	126900	60.783	16.875	140.346	1163.851	1377.633	0.696	0.937	859.216	0.999	14.762
2/9/2018 9:30	127800	60.772	16.879	140.322	1165.024	1378.898	0.697	0.938	858.351	0.999	14.771
2/9/2018 9:45	128700	60.779	16.876	140.336	1166.05	1380.225	0.697	0.939	857.596	0.999	14.768
2/9/2018 10:00	129600	60.782	16.868	140.343	1162.92	1376.763	0.695	0.936	859.904	0.999	14.762
2/9/2018 10:15	130500	60.78	16.87	140.338	1162.731	1376.488	0.695	0.936	860.044	0.999	14.764
2/9/2018 10:30	131400	60.781	16.868	140.341	1163.551	1377.501	0.696	0.937	859.438	0.999	14.764
2/9/2018 10:45	132300	60.777	16.871	140.332	1160.715	1374.06	0.694	0.934	861.538	0.999	14.767
2/9/2018 11:00	133200	60.785	16.872	140.35	1162.609	1376.272	0.695	0.936	860.134	0.999	14.761
2/9/2018 11:15	134100	60.775	16.87	140.327	1160.856	1374.246	0.694	0.934	861.433	0.999	14.763
2/9/2018 11:30	135000	60.779	16.871	140.338	1161.282	1374.723	0.694	0.935	861.117	0.999	14.755
2/9/2018 11:45	135900	60.774	16.864	140.324	1158.683	1371.872	0.693	0.933	863.049	0.999	14.758
2/9/2018 12:00	136800	60.776	16.864	140.33	1159.045	1372.311	0.693	0.933	862.78	0.999	14.749
2/9/2018 12:15	137700	60.773	16.861	140.324	1154.741	1367.289	0.69	0.93	865.395	0.999	14.748
2/9/2018 12:30	138600	60.768	16.864	140.312	1157.299	1370.245	0.692	0.932	864.081	0.999	14.749
2/9/2018 12:45	139500	60.763	16.863	140.3	1155.658	1368.323	0.691	0.93	865.308	0.999	14.743
2/9/2018 13:00	140400	60.772	16.864	140.321	1156.169	1368.907	0.691	0.931	864.925	0.999	14.737
2/9/2018 13:15	141300	60.768	16.865	140.312	1157.625	1370.593	0.692	0.932	863.837	0.999	14.734
2/9/2018 13:30	142200	60.756	16.86	140.284	1155.69	1368.437	0.691	0.931	865.284	0.999	14.735
2/9/2018 13:45	143100	60.753	16.861	140.277	1156.727	1369.657	0.692	0.931	864.508	0.999	14.731
2/9/2018 14:00	144000	60.752	16.863	140.273	1155.427	1368.035	0.691	0.93	865.481	0.999	14.728
2/9/2018 14:15	144900	60.751	16.855	140.271	1156.526	1369.584	0.692	0.931	864.658	0.999	14.724
2/9/2018 14:30	145800	60.746	16.863	140.261	1155.222	1367.799	0.691	0.93	865.634	0.999	14.723
2/9/2018 14:45	146700	60.726	16.86	140.214	1152.884	1365.112	0.689	0.928	867.39	0.999	14.727
2/9/2018 15:00	147600	60.728	16.864	140.219	1153.007	1365.146	0.689	0.928	867.298	0.999	14.725
2/9/2018 15:15	148500	60.713	16.86	140.185	1153.748	1366.112	0.69	0.929	866.726	0.999	14.73
2/9/2018 15:30	149400	60.717	16.864	140.194	1153.696	1365.957	0.69	0.929	866.779	0.999	14.721
2/9/2018 15:45	150300	60.711	16.865	140.179	1154.663	1367.064	0.69	0.93	866.054	0.999	14.721
2/9/2018 16:00	151200	60.7	16.865	140.154	1157.366	1370.264	0.692	0.932	864.031	0.999	14.721
2/9/2018 16:15	152100	60.696	16.855	140.145	1156.143	1369.128	0.691	0.931	864.945	0.999	14.723
2/9/2018 16:30	153000	60.691	16.861	140.132	1155.626	1368.355	0.691	0.93	865.332	0.999	14.72
2/9/2018 16:45	153900	60.692	16.862	140.135	1154.159	1367.857	0.69	0.929	866.432	0.999	14.715
2/9/2018 17:00	154800	60.687	16.863	140.123	1152.381	1364.448	0.689	0.928	867.768	0.999	14.714
2/9/2018 17:15	155700	60.681	16.864	140.111	1154.053	1366.379	0.69	0.929	866.512	0.999	14.715
2/9/2018 17:30	156600	60.676	16.858	140.098	1154.971	1367.664	0.691	0.93	865.823	0.999	14.717
2/9/2018 17:45	157500	60.672	16.86	140.09	1154.649	1367.207	0.69	0.93	866.064	0.999	14.712
2/9/2018 18:00	158400	60.66	16.867	140.063	1153.884	1366.095	0.69	0.929	866.638	0.999	14.718
2/9/2018 18:15	159300	60.65	16.867	140.04	1155.363	1367.857	0.691	0.93	865.529	0.999	14.723
2/9/2018 18:30	160200	60.648	16.859	140.034	1154.022	1366.511	0.69	0.929	865.534	0.999	14.722
2/9/2018 18:45	161100	60.636	16.865	140.007	1155.709	1368.326	0.691	0.93	865.27	0.999	14.725
2/9/2018 19:00	162000	60.633	16.861	140	1155.442	1368.126	0.691	0.93	865.47	0.999	14.721
2/9/2018 19:15	162900	60.626	16.863	139.984	1152.503	1364.593	0.689	0.928	867.677	0.999	14.723
2/9/2018 19:30	163800	60.622	16.864	139.974	1153.104	1365.253	0.689	0.928	867.224	0.999	14.725
2/9/2018 19:45	164700	60.618	16.867	139.965	1155.142	1367.588	0.691	0.93	865.694	0.999	14.724
2/9/2018 20:00	165600	60.613	16.861	139.954	1155.853	1366.229	0.69	0.929	866.662	0.999	14.727
2/9/2018 20:15	166500	60.611	16.863	139.95	1154.059	1366.425	0.69	0.929	866.506	0.999	14.728
2/9/2018 20:30	167400	60.608	16.86	139.942	1156.836	1369.818	0.692	0.931	864.427	0.999	14.724
2/9/2018 20:45	168300	60.605	16.864	139.935	1157.782	1370.816	0.692	0.932	863.721	0.999	14.723
2/9/2018 21:00	169200	60.606	16.858	139.937	1156.54	1369.514	0.692	0.931	864.648	0.999	14.72
2/9/2018 21:15	170100	60.605	16.863	139.934	1153.521	1365.798	0.69	0.929	866.911	0.999	14.72
2/9/2018 21:30	171000	60.603	16.863	139.909	1155.27	1367.809	0.691	0.93	865.599	0.999	14.729
2/9/2018 21:45	171900	60.601	16.859	139.925	1156.333	1369.236	0.691	0.931	864.803	0.999	14.717
2/9/2018 22:00	172800	60.595	16.859	139.913	1157.219	1370.294	0.692	0.932	864.14	0.999	14.721
2/9/2018 22:15	173700	60.598	16.863	139.918	1152.682	1364.794	0.689	0.928	867.542	0.999	14.722
2/9/2018 22:30	174600	60.597	16.858	139.916	1155.937	1368.808	0.691	0.931	865.099	0.999	14.718
2/9/2018 22:45	175500	60.589	16.858	139.898	1155.631	1368.427	0.691	0.931	865.328	0.999	14.726
2/9/2018 23:00	176400	60.594	16.856	139.909	1156.21	1369.199	0.691	0.931	864.895	0.999	14.723
2/9/2018 23:15	177300	60.591	16.865	139.903	1153.64	1365.853	0.69	0.929	866.821	0.999	14.719
2/9/2018 23:30	178200	60.59	16.862	139.901	1152.854	1365.019	0.689	0.928	867.413	0.999	14.726
2/9/2018 23:45	179100	60.59	16.866	139.901	1153.315	1365.438	0.689	0.928	867.065	0.999	14.722
2/10/2018 0:00	180000	60.595	16.861	139.911	1152.615	1364.766	0.689	0.928	867.593	0.999	14.717
2/10/2018 0:15	180900	60.591	16.862	139.903	1153.49	1365.783	0.69	0.929	866.934	0.999	14.721
2/10/2018 0:30	181800	60.598	16.86	139.919	1154.156	1366.632	0.69	0.929	866.634	0.999	14.726
2/10/2018 0:45	182700	60.592	16.863	139.904	1154.67	1367.153	0.69	0.93	866.048	0.999	14.719
2/10/2018 1:00	183600	60.597	16.859	139.916	1157.09	1370.13	0.692	0.932	864.237	0.999	14.715
2/10/2018 1:15	184500	60.587	16.862	139.894	1153.316	1365.574	0.69	0.929	867.065	0.999	14.721
2/10/2018 1:30	185400	60.595	16.861	139.912	1150.966	1362.816	0.688	0.927	868.835	0.999	14.716
2/10/2018 1:45	186300	60.592	16.859	139.904	1154.983	1367.626	0.691	0.93	865.814	0.999	14.719
2/10/2018 2:00	187200	60.591	16.864	139.921	1153.303	1365.492	0.689	0.929	867.075	0.999	14.712
2/10/2018 2:15	188100	60.605	16.862	139.936	1154.714	1367.226	0.69	0.93	866.016	0.999	14.708
2/10/2018 2:30	189000	60.599	16.859	139.921	1152.131	1364.271	0.689	0.928	867.957	0.999	14.713
2/10/2018 2:45	189900	60.612	16.861	139.952	1152.946	1365.163	0.689	0.928	867.344	0.999	14.707
2/10/2018 3:00	190800	60.602	16.867	139.927	1156.864	1369.616	0.692	0.931	864.406	0.999	14.714
2/10/2018 3:15	191700	60.605	16.861	139.934	1153.203	1365.486	0.689	0.929	86		

2/11/2018 11:00	306000	60.548	16.863	139.804	1157.867	1370.933	0.692	0.932	863.657	0.999	14.719
2/11/2018 11:15	306900	60.553	16.863	139.815	1159.954	1373.412	0.694	0.934	862.103	0.999	14.72
2/11/2018 11:30	307800	60.56	16.867	139.83	1161.116	1374.655	0.694	0.935	861.24	0.999	14.709
2/11/2018 11:45	308700	60.569	16.861	139.851	1161.302	1375.076	0.695	0.935	861.102	0.999	14.71
2/11/2018 12:00	309600	60.567	16.857	139.847	1158.446	1371.796	0.693	0.933	863.225	0.999	14.711
2/11/2018 12:15	310500	60.568	16.866	139.849	1159.225	1372.443	0.693	0.933	862.645	0.999	14.704
2/11/2018 12:30	311400	60.573	16.863	139.875	1158.386	1371.558	0.693	0.933	863.27	0.999	14.7
2/11/2018 12:45	312300	60.578	16.86	139.874	1158.088	1371.276	0.693	0.932	863.493	0.999	14.695
2/11/2018 13:00	313200	60.581	16.867	139.879	1159.975	1373.296	0.694	0.934	862.087	0.999	14.702
2/11/2018 13:15	314100	60.601	16.865	139.927	1156.714	1369.497	0.692	0.931	864.518	0.999	14.695
2/11/2018 13:30	315000	60.596	16.863	139.914	1160.413	1373.939	0.694	0.934	861.762	0.999	14.687
2/11/2018 13:45	315900	60.596	16.868	139.913	1159.214	1372.481	0.693	0.933	862.799	0.999	14.674
2/11/2018 14:00	316800	60.613	16.863	139.953	1159.165	1372.513	0.693	0.933	862.169	0.999	14.665
2/11/2018 14:15	317700	60.604	16.865	139.932	1160.219	1373.663	0.694	0.934	861.906	0.999	14.665
2/11/2018 14:30	318600	60.613	16.867	139.955	1161.067	1374.607	0.694	0.935	861.277	0.999	14.658
2/11/2018 14:45	319500	60.623	16.865	139.976	1158.039	1371.063	0.692	0.932	863.529	0.999	14.656
2/11/2018 15:00	320400	60.631	16.869	139.995	1158.533	1371.55	0.693	0.933	863.161	0.999	14.665
2/11/2018 15:15	321300	60.634	16.862	140.001	1159.298	1372.668	0.693	0.933	862.591	0.999	14.669
2/11/2018 15:30	322200	60.631	16.866	139.996	1158.25	1371.306	0.692	0.932	863.371	0.999	14.672
2/11/2018 15:45	323100	60.646	16.865	140.029	1160.824	1374.385	0.694	0.935	861.457	0.999	14.662
2/11/2018 16:00	324000	60.65	16.865	140.038	1159.951	1373.328	0.694	0.934	862.105	0.999	14.663
2/11/2018 16:15	324900	60.65	16.864	140.039	1160.26	1373.747	0.694	0.934	861.876	0.999	14.666
2/11/2018 16:30	325800	60.646	16.867	140.03	1160.156	1373.524	0.694	0.934	861.953	0.999	14.674
2/11/2018 16:45	326700	60.656	16.862	140.052	1161.267	1374.981	0.694	0.935	861.128	0.999	14.671
2/11/2018 17:00	327600	60.66	16.867	140.062	1159.782	1373.089	0.693	0.934	862.231	0.999	14.669
2/11/2018 17:15	328500	60.66	16.869	140.062	1160.718	1374.137	0.694	0.934	861.536	0.999	14.669
2/11/2018 17:30	329400	60.674	16.868	140.095	1159.95	1373.258	0.694	0.934	862.106	0.999	14.666
2/11/2018 17:45	330300	60.672	16.866	140.09	1159.087	1372.276	0.693	0.933	862.748	0.999	14.667
2/11/2018 18:00	331200	60.691	16.868	140.134	1160.344	1373.703	0.694	0.934	861.813	0.999	14.671
2/11/2018 18:15	332100	60.678	16.865	140.104	1157.245	1370.148	0.692	0.932	864.121	0.999	14.667
2/11/2018 18:30	333000	60.681	16.867	140.111	1160.879	1374.385	0.694	0.935	861.416	0.999	14.67
2/11/2018 18:45	333900	60.691	16.869	140.133	1160.604	1373.999	0.694	0.934	861.62	0.999	14.669
2/11/2018 19:00	334800	60.684	16.869	140.117	1161.387	1374.907	0.694	0.935	861.039	0.999	14.676
2/11/2018 19:15	335700	60.693	16.865	140.138	1159.886	1373.253	0.694	0.934	862.154	0.999	14.671
2/11/2018 19:30	336600	60.693	16.864	140.139	1160.061	1373.504	0.694	0.934	862.024	0.999	14.676
2/11/2018 19:45	337500	60.695	16.863	140.144	1159.707	1373.12	0.694	0.934	862.287	0.999	14.672
2/11/2018 20:00	338400	60.699	16.87	140.152	1160.85	1374.25	0.694	0.934	861.438	0.999	14.672
2/11/2018 20:15	339300	60.711	16.869	140.181	1160.832	1374.247	0.694	0.934	861.451	0.999	14.673
2/11/2018 20:30	340200	60.708	16.867	140.173	1158.499	1371.554	0.693	0.933	863.186	0.999	14.679
2/11/2018 20:45	341100	60.714	16.865	140.187	1160.986	1374.553	0.694	0.935	861.337	0.999	14.677
2/11/2018 21:00	342000	60.723	16.871	140.208	1158.927	1371.952	0.693	0.933	862.867	0.999	14.677
2/11/2018 21:15	342900	60.728	16.868	140.218	1159.588	1372.824	0.693	0.934	862.375	0.999	14.67
2/11/2018 21:30	343800	60.73	16.865	140.201	1158.886	1372.062	0.693	0.933	862.896	0.999	14.676
2/11/2018 21:45	344700	60.735	16.867	140.235	1159.535	1372.785	0.693	0.933	862.415	0.999	14.669
2/11/2018 22:00	345600	60.739	16.872	140.244	1158.166	1371.012	0.692	0.932	863.434	0.999	14.666
2/11/2018 22:15	346500	60.74	16.868	140.247	1159.506	1372.71	0.693	0.933	862.436	0.999	14.67
2/11/2018 22:30	347400	60.752	16.864	140.274	1159.869	1373.257	0.694	0.934	862.166	0.999	14.678
2/11/2018 22:45	348300	60.745	16.865	140.257	1161.897	1375.637	0.695	0.935	860.661	0.999	14.671
2/11/2018 23:00	349200	60.748	16.872	140.244	1156.789	1369.247	0.692	0.931	864.463	0.999	14.672
2/11/2018 23:15	350100	60.752	16.867	140.274	1156.867	1369.61	0.692	0.931	864.419	0.999	14.673
2/11/2018 23:30	351000	60.75	16.87	140.269	1157.603	1370.417	0.692	0.932	863.854	0.999	14.677
2/11/2018 23:45	351900	60.748	16.87	140.264	1158.751	1371.773	0.693	0.933	862.998	0.999	14.679
2/12/2018 0:00	352800	60.751	16.869	140.271	1156.381	1368.986	0.691	0.931	864.767	0.999	14.676
2/12/2018 0:15	353700	60.756	16.869	140.283	1157.498	1370.309	0.692	0.932	863.933	0.999	14.678
2/12/2018 0:30	354600	60.758	16.869	140.289	1157.944	1370.823	0.692	0.932	863.6	0.999	14.677
2/12/2018 0:45	355500	60.765	16.867	140.305	1158.786	1371.91	0.692	0.932	862.972	0.999	14.673
2/12/2018 1:00	356400	60.767	16.871	140.308	1161.022	1374.429	0.694	0.935	861.31	0.999	14.673
2/12/2018 1:15	357300	60.77	16.872	140.315	1160.228	1373.443	0.694	0.934	861.899	0.999	14.678
2/12/2018 1:30	358200	60.785	16.872	140.351	1159.555	1372.665	0.693	0.933	862.399	0.999	14.679
2/12/2018 1:45	359100	60.775	16.87	140.327	1158.566	1371.543	0.693	0.933	863.136	0.999	14.673
2/12/2018 2:00	360000	60.766	16.872	140.307	1158.514	1371.199	0.692	0.932	863.324	0.999	14.687
2/12/2018 2:15	360900	60.777	16.873	140.323	1161.282	1374.655	0.694	0.935	861.117	0.999	14.676
2/12/2018 2:30	361800	60.778	16.873	140.335	1160.326	1373.528	0.694	0.934	861.827	0.999	14.675
2/12/2018 2:45	362700	60.788	16.873	140.358	1157.678	1370.386	0.692	0.932	863.798	0.999	14.673
2/12/2018 3:00	363600	60.785	16.873	140.351	1160.074	1373.247	0.694	0.934	862.014	0.999	14.675
2/12/2018 3:15	364500	60.788	16.87	140.357	1159.092	1372.163	0.693	0.933	862.744	0.999	14.676
2/12/2018 3:30	365400	60.797	16.87	140.379	1158.881	1371.903	0.693	0.933	862.901	0.999	14.672
2/12/2018 3:45	366300	60.799	16.872	140.382	1159.094	1372.83	0.693	0.933	862.743	0.999	14.673
2/12/2018 4:00	367200	60.797	16.872	140.378	1158.706	1371.636	0.693	0.933	863.032	0.999	14.671
2/12/2018 4:15	368100	60.81	16.869	140.408	1158.662	1371.694	0.693	0.933	863.065	0.999	14.667
2/12/2018 4:30	369000	60.806	16.876	140.399	1159.819	1372.844	0.693	0.934	862.203	0.999	14.672
2/12/2018 4:45	369900	60.812	16.877	140.414	1157.929	1370.566	0.692	0.932	863.611	0.999	14.668
2/12/2018 5:00	370800	60.812	16.87	140.413	1159.04	1372.113	0.693	0.933	862.783	0.999	14.667
2/12/2018 5:15	371700	60.817	16.867	140.424	1158.675	1371.788	0.693	0.933	863.055	0.999	14.672
2/12/2018 5:30	372600	60.823	16.868	140.439	1157.242	1370.04	0.692	0.932	864.124	0.999	14.669
2/12/2018 5:45	373500	60.826	16.873	140.445	1159.453	1372.499	0.693	0.933	862.475	0.999	14.671
2/12/2018 6:00	374400	60.832	16.872	140.46	1159.438	1372.527	0.693	0.933	862.486	0.999	14.672
2/12/2018 6:15	375300	60.836	16.874	140.468	1160.377	1373.562	0.694	0.934	861.789	0.999	14.672
2/12/2018 6:30	376200	60.844	16.874	140.486	1159.289	1372.273	0.693	0.933	862.598	0.999	14.672
2/12/2018 6:45	377100	60.838	16.879	140.473	1158.372	1371.073	0.692	0.932	863.281	0.999	14.676
2/12/2018 7:00	378000	60.847	16.874	140.493	1158.099	1370.851	0.692	0.932	863.484	0.999	14.674
2/12/2018 7:15	378900	60.844	16.876	140.486	1158.437	1371.216	0.693	0.932	863.232	0.999	14.677
2/12/2018 7:30	379800	60.849	16.875	140.498	1157.962	1370.678	0.692	0.932	863.586	0.999	14.678
2/12/2018 7:45	380700	60.86	16.875	140.524	1159.162	1372.083	0.693	0.933	862.692	0.999	14.674
2/1											

2/13/2018 15:45	495900	60.4	16.863	139.461	1160.067	1373.546	0.694	0.934	862.019	0.999	14.79
2/13/2018 16:00	496800	60.396	16.863	139.453	1159.016	1372.29	0.693	0.933	862.801	0.999	14.789
2/13/2018 16:15	497700	60.39	16.86	139.438	1160.294	1373.896	0.694	0.934	861.85	0.999	14.793
2/13/2018 16:30	498600	60.386	16.86	139.43	1157.183	1370.21	0.692	0.932	864.168	0.999	14.79
2/13/2018 16:45	499500	60.381	16.864	139.417	1159.945	1373.347	0.694	0.934	862.11	0.999	14.794
2/13/2018 17:00	500400	60.377	16.862	139.409	1158.971	1372.273	0.693	0.933	862.834	0.999	14.792
2/13/2018 17:15	501300	60.369	16.862	139.39	1161.112	1374.816	0.694	0.935	861.243	0.999	14.797
2/13/2018 17:30	502200	60.368	16.858	139.388	1160.74	1374.482	0.694	0.935	861.519	0.999	14.795
2/13/2018 17:45	503100	60.365	16.861	139.38	1159.432	1372.86	0.693	0.934	862.491	0.999	14.797
2/13/2018 18:00	504000	60.36	16.862	139.37	1160.91	1374.566	0.694	0.935	861.393	0.999	14.803
2/13/2018 18:15	504900	60.371	16.865	139.394	1160.602	1374.105	0.694	0.934	861.622	0.999	14.795
2/13/2018 18:30	505800	60.365	16.866	139.381	1161.715	1375.396	0.695	0.935	860.797	0.999	14.801
2/13/2018 18:45	506700	60.373	16.867	139.399	1160.172	1373.545	0.694	0.934	861.941	0.999	14.795
2/13/2018 19:00	507600	60.366	16.868	139.384	1161.258	1374.789	0.694	0.935	861.135	0.999	14.807
2/13/2018 19:15	508500	60.37	16.869	139.393	1161.03	1374.479	0.694	0.935	861.305	0.999	14.806
2/13/2018 19:30	509400	60.374	16.869	139.403	1162.659	1376.421	0.695	0.936	860.097	0.999	14.806
2/13/2018 19:45	510300	60.376	16.869	139.406	1162.33	1376.042	0.695	0.936	860.341	0.999	14.809
2/13/2018 20:00	511200	60.381	16.868	139.418	1163.657	1377.647	0.696	0.937	859.359	0.999	14.811
2/13/2018 20:15	512100	60.388	16.87	139.433	1161.398	1374.887	0.694	0.935	861.032	0.999	14.81
2/13/2018 20:30	513000	60.386	16.868	139.43	1160.81	1374.27	0.694	0.935	861.468	0.999	14.815
2/13/2018 20:45	513900	60.39	16.868	139.439	1162.85	1376.667	0.695	0.936	859.956	0.999	14.813
2/13/2018 21:00	514800	60.411	16.868	139.486	1162.295	1376.026	0.695	0.936	860.367	0.999	14.811
2/13/2018 21:15	515700	60.399	16.871	139.458	1162.918	1376.665	0.695	0.936	859.906	0.999	14.816
2/13/2018 21:30	516600	60.398	16.872	139.457	1165.424	1379.604	0.697	0.938	858.057	0.999	14.816
2/13/2018 21:45	517500	60.399	16.872	139.46	1164.039	1377.959	0.696	0.937	859.078	0.999	14.82
2/13/2018 22:00	518400	60.408	16.867	139.48	1161.906	1375.579	0.695	0.935	860.655	0.999	14.819
2/13/2018 22:15	519300	60.407	16.874	139.479	1166.178	1380.445	0.697	0.939	857.502	0.999	14.819
2/13/2018 22:30	520200	60.41	16.874	139.484	1165.544	1379.691	0.697	0.938	857.969	0.999	14.818
2/13/2018 22:45	521100	60.409	16.869	139.483	1163.507	1377.437	0.696	0.937	859.47	0.999	14.825
2/13/2018 23:00	522000	60.412	16.873	139.49	1163.635	1377.448	0.696	0.937	859.376	0.999	14.822
2/13/2018 23:15	522900	60.416	16.873	139.498	1164.954	1393.078	0.697	0.938	858.403	0.999	14.826
2/13/2018 23:30	523800	60.416	16.874	139.5	1166.526	1380.852	0.698	0.939	857.246	0.999	14.828
2/13/2018 23:45	524700	60.424	16.874	139.518	1166.14	1380.386	0.697	0.939	857.53	0.999	14.82
2/14/2018 0:00	525600	60.425	16.873	139.519	1166.303	1380.611	0.697	0.939	857.41	0.999	14.824
2/14/2018 0:15	526500	60.428	16.872	139.526	1165.4	1379.581	0.697	0.938	858.075	0.999	14.821
2/14/2018 0:30	527400	60.431	16.872	139.533	1165.737	1379.978	0.697	0.938	857.826	0.999	14.823
2/14/2018 0:45	528300	60.435	16.872	139.542	1165.704	1379.944	0.697	0.938	857.85	0.999	14.818
2/14/2018 1:00	529200	60.43	16.874	139.531	1166.215	1380.478	0.697	0.939	857.475	0.999	14.822
2/14/2018 1:15	530100	60.433	16.876	139.538	1166.962	1381.286	0.698	0.939	856.926	0.999	14.824
2/14/2018 1:30	531000	60.435	16.876	139.542	1167.504	1381.932	0.698	0.94	856.528	0.999	14.819
2/14/2018 1:45	531900	60.43	16.876	139.53	1164.41	1378.279	0.696	0.937	858.804	0.999	14.826
2/14/2018 2:00	532800	60.436	16.874	139.544	1167.32	1381.788	0.698	0.94	856.663	0.999	14.822
2/14/2018 2:15	533700	60.442	16.878	139.558	1167.285	1381.61	0.698	0.939	856.689	0.999	14.816
2/14/2018 2:30	534600	60.442	16.881	139.558	1169.134	1383.724	0.699	0.941	855.334	0.999	14.813
2/14/2018 2:45	535500	60.454	16.879	139.587	1168.742	1383.311	0.699	0.941	855.621	0.999	14.803
2/14/2018 3:00	536400	60.448	16.881	139.573	1169.228	1383.806	0.699	0.941	855.265	0.999	14.804
2/14/2018 3:15	537300	60.45	16.881	139.577	1169.411	1384.039	0.699	0.941	855.131	0.999	14.804
2/14/2018 3:30	538200	60.471	16.882	139.627	1169.078	1383.6	0.699	0.941	855.375	0.999	14.804
2/14/2018 3:45	539100	60.453	16.881	139.584	1169.057	1383.631	0.699	0.941	855.39	0.999	14.806
2/14/2018 4:00	540000	60.46	16.879	139.601	1168.817	1383.388	0.699	0.941	855.566	0.999	14.802
2/14/2018 4:15	540900	60.459	16.876	139.598	1168.702	1383.362	0.699	0.941	855.65	0.999	14.803
2/14/2018 4:30	541800	60.467	16.876	139.615	1168.939	1383.633	0.699	0.941	855.477	0.999	14.798
2/14/2018 4:45	542700	60.461	16.881	139.602	1169.403	1384.013	0.699	0.941	855.137	0.999	14.806
2/14/2018 5:00	543600	60.468	16.882	139.618	1168.967	1383.466	0.699	0.941	855.456	0.999	14.797
2/14/2018 5:15	544500	60.468	16.877	139.62	1168.439	1383.02	0.699	0.94	855.843	0.999	14.8
2/14/2018 5:30	545400	60.47	16.883	139.624	1168.438	1382.828	0.699	0.94	855.843	0.999	14.8
2/14/2018 5:45	546300	60.489	16.882	139.667	1169.756	1384.422	0.699	0.941	854.879	0.999	14.808
2/14/2018 6:00	547200	60.481	16.875	139.649	1167.411	1381.847	0.698	0.94	856.596	0.999	14.803
2/14/2018 6:15	548100	60.471	16.879	139.627	1168.932	1383.537	0.699	0.941	855.482	0.999	14.816
2/14/2018 6:30	549000	60.49	16.882	139.67	1169.098	1383.63	0.699	0.941	855.36	0.999	14.799
2/14/2018 6:45	549900	60.486	16.881	139.659	1169.177	1383.751	0.699	0.941	855.303	0.999	14.804
2/14/2018 7:00	550800	60.488	16.885	139.665	1169.628	1384.18	0.699	0.941	854.973	0.999	14.807
2/14/2018 7:15	551700	60.486	16.883	139.659	1169.68	1384.297	0.699	0.941	854.934	0.999	14.813
2/14/2018 7:30	552600	60.487	16.882	139.662	1169.585	1384.22	0.699	0.941	855.004	0.999	14.815
2/14/2018 7:45	553500	60.495	16.884	139.681	1169.31	1383.813	0.699	0.941	855.205	0.999	14.815
2/14/2018 8:00	554400	60.497	16.887	139.685	1168.95	1383.31	0.699	0.941	855.469	0.999	14.813
2/14/2018 8:15	555300	60.504	16.885	139.702	1169.695	1384.257	0.699	0.941	854.923	0.999	14.814
2/14/2018 8:30	556200	60.502	16.882	139.697	1168.869	1383.378	0.699	0.941	855.528	0.999	14.816
2/14/2018 8:45	557100	60.496	16.883	139.683	1168.492	1382.902	0.699	0.94	855.804	0.999	14.817
2/14/2018 9:00	558000	60.483	16.88	139.653	1168.671	1383.179	0.699	0.941	855.673	0.999	14.823
2/14/2018 9:15	558900	60.479	16.873	139.644	1167.274	1381.753	0.698	0.94	856.697	0.999	14.823
2/14/2018 9:30	559800	60.478	16.876	139.642	1166.755	1381.04	0.698	0.939	857.078	0.999	14.817
2/14/2018 9:45	560700	60.461	16.872	139.603	1166.546	1380.914	0.698	0.939	857.231	0.999	14.822
2/14/2018 10:00	561600	60.451	16.874	139.579	1165.915	1377.767	0.696	0.937	859.169	0.999	14.823
2/14/2018 10:15	562500	60.439	16.873	139.551	1160.319	1373.537	0.694	0.934	861.832	0.999	14.825
2/14/2018 10:30	563400	60.426	16.867	139.521	1163.251	1377.172	0.696	0.936	859.659	0.999	14.83
2/14/2018 10:45	564300	60.438	16.874	139.55	1165.428	1379.541	0.697	0.938	858.054	0.999	14.821
2/14/2018 11:00	565200	60.403	16.869	139.468	1162.954	1376.782	0.695	0.936	859.879	0.999	14.826
2/14/2018 11:15	566100	60.392	16.87	139.443	1161.407	1374.917	0.694	0.935	861.025	0.999	14.826
2/14/2018 11:30	567000	60.378	16.869	139.412	1176.481	1376.485	0.695	0.936	860.078	0.999	14.825
2/14/2018 11:45	567900	60.376	16.865	139.406	1160.512	1374.002	0.694	0.934	861.689	0.999	14.819
2/14/2018 12:00	568800	60.364	16.866	139.378	1160.611	1374.103	0.694	0.934	861.615	0.999	14.819
2/14/2018 12:15	569700	60.354	16.869	139.356	1164.528	1378.648	0.696	0.937	858.717	0.999	14.814
2/14/2018 12:30	570600	60.348	16.861	139.342	1160.04	1373.563	0.694	0.934	862.039	0.999	14.815
2/14/2018 12:45	571500	60.339	16.865								

Report Date: 2/16/2018 10:44
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_2018-02-15_09-28-16-801-BaroMerge.wsl
Create Date 2/16/2018 10:40

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: 4/1/2017 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
8/24/2017 13:29 Log Download - Used Battery: 10% Used Memory: 21% User Name: AVanHaltma Interval - Start Time: 8/16/2017 10:00:00 PM Stop Time: 8/24/2017 2:15:00 PM
9/1/2017 10:04 Log Download - Used Battery: 11% Used Memory: 21% User Name: WMassoll Interval - Start Time: 7/31/2017 10:00:00 PM Stop Time: 9/1/2017 6:30:00 PM
9/7/2017 11:21 Log Download - Used Battery: 11% Used Memory: 23% User Name: WMassoll Interval - Start Time: 8/31/2017 10:00:00 PM Stop Time: 9/7/2017 6:30:00 PM
9/14/2017 12:52 Log Download - Used Battery: 11% Used Memory: 23% User Name: AVanHaltma Interval - Start Time: 9/6/2017 10:00:00 PM Stop Time: 9/14/2017 1:45:00 PM
9/21/2017 12:07 Log Download - Used Battery: 12% Used Memory: 25% User Name: AVanHaltma Interval - Start Time: 9/13/2017 10:00:00 PM Stop Time: 9/21/2017 1:00:00 PM
9/28/2017 9:55 Log Download - Used Battery: 12% Used Memory: 25% User Name: WMassoll Interval - Start Time: 9/20/2017 10:00:00 PM Stop Time: 9/28/2017 5:45:00 PM
10/5/2017 11:30 Log Download - Used Battery: 13% Used Memory: 26% User Name: WMassoll Interval - Start Time: 8/31/2017 10:00:00 PM Stop Time: 10/5/2017 1:30:00 PM
10/12/2017 11:18 Log Download - Used Battery: 13% Used Memory: 26% User Name: AVanHaltma Interval - Start Time: 10/4/2017 10:00:00 PM Stop Time: 10/12/2017 12:15:00 PM
10/19/2017 11:27 Log Download - Used Battery: 13% Used Memory: 28% User Name: AVanHaltma Interval - Start Time: 10/11/2017 10:00:00 PM Stop Time: 10/19/2017 12:15:00 PM
10/26/2017 10:06 Log Download - Used Battery: 14% Used Memory: 28% User Name: WMassoll Interval - Start Time: 10/19/2017 10:00:00 PM Stop Time: 10/26/2017 8:00:00 PM
11/2/2017 11:25 Log Download - Used Battery: 14% Used Memory: 29% User Name: WMassoll Interval - Start Time: 9/30/2017 10:00:00 PM Stop Time: 11/2/2017 11:15:00 AM
11/9/2017 12:47 Log Download - Used Battery: 14% Used Memory: 29% User Name: AVanHaltma Interval - Start Time: 11/1/2017 10:00:00 PM Stop Time: 11/9/2017 1:45:00 PM
11/16/2017 9:17 Log Download - Used Battery: 15% Used Memory: 31% User Name: WMassoll Interval - Start Time: 11/8/2017 10:00:00 PM Stop Time: 11/16/2017 4:30:00 PM
11/23/2017 13:15 Log Download - Used Battery: 15% Used Memory: 31% User Name: AVanHaltma Interval - Start Time: 11/15/2017 10:00:00 PM Stop Time: 11/23/2017 2:15:00 PM
12/1/2017 8:23 Log Download - Used Battery: 16% Used Memory: 32% User Name: AVanHaltma Interval - Start Time: 10/31/2017 10:00:00 PM Stop Time: 12/1/2017 9:15:00 AM
12/7/2017 9:24 Log Download - Used Battery: 16% Used Memory: 32% User Name: WMassoll Interval - Start Time: 11/29/2017 10:00:00 PM Stop Time: 12/7/2017 2:45:00 PM
12/14/2017 10:36 Log Download - Used Battery: 16% Used Memory: 34% User Name: WMassoll Interval - Start Time: 12/6/2017 10:00:00 PM Stop Time: 12/14/2017 6:30:00 PM
12/21/2017 7:49 Log Download - Used Battery: 17% Used Memory: 34% User Name: AVanHaltma Interval - Start Time: 12/13/2017 10:00:00 PM Stop Time: 12/21/2017 8:45:00 AM
1/4/2018 11:09 Log Download - Used Battery: 17% Used Memory: 35% User Name: WMassoll Interval - Start Time: 11/30/2017 10:00:00 PM Stop Time: 1/4/2018 6:20:00 PM
1/11/2018 11:09 Log Download - Used Battery: 18% Used Memory: 37% User Name: AVanHaltma Interval - Start Time: 1/3/2018 10:00:00 PM Stop Time: 1/11/2018 12:00:00 PM
1/18/2018 9:05 Log Download - Used Battery: 18% Used Memory: 39% User Name: WMassoll Interval - Start Time: 1/10/2018 10:00:00 PM Stop Time: 1/18/2018 12:00:00 PM
1/26/2018 9:24 Log Download - Used Battery: 18% Used Memory: 39% User Name: WMassoll Interval - Start Time: 1/17/2018 10:00:00 PM Stop Time: 1/26/2018 3:15:00 PM
2/1/2018 15:02 Log Download - Used Battery: 19% Used Memory: 40% User Name: WMassoll Interval - Start Time: 12/21/2017 10:00:00 PM Stop Time: 2/1/2018 6:30:00 PM
2/8/2018 9:35 Log Download - Used Battery: 19% Used Memory: 40% User Name: AVanHaltma Interval - Start Time: 1/31/2018 10:00:00 PM Stop Time: 2/8/2018 10:30:00 AM
2/15/2018 9:27 Log Download - Used Battery: 19% Used Memory: 42% User Name: AVanHaltma Interval - Start Time: 2/7/2018 10:00:00 PM Stop Time: 2/15/2018 10:15:00 AM
2/16/2018 10:40 User Note: "Pressure & Level adjusted by baro data from: "MPWSP Barotroll_2018-02-15_16-52-45-921.wsl""

Log Data:
Record Count 718
Sensors 2
1 498998 PCTD 30 PSIA (10.9m/35.8ft)
2 0 Baro-Adjustment Calc

Time Zone: Pacific Standard Time

		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	
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)						
2/8/2018 0:00	7200		11.076	16.973	25.575	1753.7	2071.275	1.067	1.408	570.223	1	14.84					
2/8/2018 0:15	8100		11.084	16.972	25.593	1753.786	2071.408	1.067	1.409	570.195	1	14.832					
2/8/2018 0:30	9000		11.075	16.972	25.571	1753.715	2071.317	1.067	1.408	570.218	1	14.839					
2/8/2018 0:45	9900		11.078	16.972	25.58	1753.571	2071.162	1.067	1.408	570.265	1	14.835					
2/8/2018 1:00	10800		11.074	16.972	25.568	1753.625	2071.202	1.067	1.408	570.247	1	14.838					
2/8/2018 1:15	11700		11.076	16.972	25.574	1753.788	2071.402	1.067	1.409	570.194	1	14.834					
2/8/2018 1:30	12600		11.078	16.972	25.579	1753.563	2071.125	1.067	1.408	570.267	1	14.832					
2/8/2018 1:45	13500		11.072	16.972	25.566	1753.832	2071.45	1.067	1.409	570.18	1	14.836					
2/8/2018 2:00	14400		11.078	16.972	25.579	1753.769	2071.372	1.067	1.409	570.201	1	14.829					
2/8/2018 2:15	15300		11.081	16.972	25.586	1753.663	2071.255	1.067	1.408	570.235	1	14.826					
2/8/2018 2:30	16200		11.078	16.972	25.578	1753.755	2071.355	1.067	1.409	570.205	1	14.828					
2/8/2018 2:45	17100		11.071	16.972	25.563	1753.609	2071.191	1.067	1.408	570.253	1	14.833					
2/8/2018 3:00	18000		11.076	16.972	25.575	1753.438	2070.977	1.067	1.408	570.308	1	14.827					
2/8/2018 3:15	18900		11.075	16.972	25.571	1753.61	2071.192	1.067	1.408	570.252	1	14.827					
2/8/2018 3:30	19800		11.078	16.972	25.578	1753.345	2070.875	1.067	1.408	570.338	1	14.824					
2/8/2018 3:45	20700		11.081	16.972	25.586	1753.395	2070.938	1.067	1.408	570.322	1	14.82					
2/8/2018 4:00	21600		11.073	16.972	25.567	1753.526	2071.114	1.067	1.408	570.279	1	14.827					
2/8/2018 4:15	22500		11.069	16.972	25.558	1753.533	2071.094	1.067	1.408	570.277	1	14.832					
2/8/2018 4:30	23400		11.078	16.972	25.579	1753.458	2071	1.067	1.408	570.302	1	14.822					
2/8/2018 4:45	24300		11.076	16.972	25.573	1753.307	2070.843	1.067	1.408	570.351	1	14.827					
2/8/2018 5:00	25200		11.077	16.972	25.576	1753.457	2071.011	1.067	1.408	570.302	1	14.827					
2/8/2018 5:15	26100		11.076	16.972	25.573	1753.586	2071.16	1.067	1.408	570.26	1	14.827					
2/8/2018 5:30	27000		11.076	16.972	25.575	1753.404	2070.941	1.067	1.408	570.319	1	14.827					
2/8/2018 5:45	27900		11.074	16.972	25.569	1753.426	2070.975	1.067	1.408	570.312	1	14.829					
2/8/2018 6:00	28800		11.071	16.972	25.562	1753.448	2071.005	1.067	1.408	570.305	1	14.832					
2/8/2018 6:15	29700		11.078	16.972	25.578	1753.457	2071.008	1.067	1.408	570.302	1	14.826					
2/8/2018 6:30	30600		11.078	16.972	25.578	1753.532	2071.088	1.067	1.408	570.278	1	14.826					
2/8/2018 6:45	31500		11.07	16.972	25.561	1753.507	2071.075	1.067	1.408	570.286	1	14.834					
2/8/2018 7:00	32400		11.076	16.972	25.573	1753.419	2070.959	1.067	1.408	570.314	1	14.828					
2/8/2018 7:15	33300		11.073	16.973	25.568	1753.384	2070.896	1.067	1.408	570.326	1	14.832					
2/8/2018 7:30	34200		11.076	16.972	25.575	1753.403	2070.968	1.067	1.408	570.32	1	14.832					
2/8/2018 7:45	35100		11.073	16.972	25.567	1753.099	2070.589	1.067	1.408	570.418	1	14.836					
2/8/2018 8:00	36000		11.084	16.972	25.592	1752.945	2070.398	1.067	1.408	570.469	1	14.827					
2/8/2018 8:15	36900		11.073	16.972	25.567	1753.184	2070.686	1.067	1.408	570.391	1	14.838					
2/8/2018 8:30	37800		11.074	16.972	25.571	1753.251	2070.764	1.067	1.408	570.369	1	14.837					
2/8/2018 8:45	38700		11.076	16.972	25.574	1753.149	2070.635	1.067	1.408	570.402	1	14.832					
2/8/2018 9:00	39600		11.071	16.972	25.563	1753.208	2070.725	1.067	1.408	570.383	1	14.84					
2/8/2018 9:15	40500		11.074	16.972	25.569	1753.312	2070.836	1.067	1.408	570.349	1	14.839					
2/8/2018 9:30	41400		11.071	16.972	25.563	1753.168	2070.662	1.067	1.408	570.396	1	14.841					
2/8/2018 9:45	42300		11.074	16.972	25.569	1752.834	2070.263	1.066	1.408	570.505	1	14.837					
2/8/2018 10:00	43200		11.074	16.973	25.57	1753.337	2070.849	1.067	1.408	570.341	1	14.836					
2/8/2018 10:15	44100		11.074	16.972	25.568	1753.157	2070.666	1.067	1.408	570.4	1	14.835					
2/8/2018 10:30	45000		11.078	16.972	25.579	1753.003	2070.468	1.067	1.408	570.45	1	14.828					
2/8/2018 10:45	45900		11.069	16.972	25.558	1752.988	2070.45	1.067	1.408	570.454	1	14.836					
2/8/2018 11:00	46800		11.077	16.972	25.577	1753	2070.468	1.067	1.408	570.451	1	14.828					
2/8/2018 11:15	47700		11.075	16.972	25.573	1753.138	2070.631	1.067	1.408	570.406	1	14.826					
2/8/2018 11:30	48600		11.075	16.973	25.573	1753.013	2070.463	1.067	1.408	570.446	1	14.823					
2/8/2018 11:45	49500		11.079	16.972	25.58	1753.859	2070.317	1.066	1.408	570.497	1	14.817					
2/8/2018 12:00	50400		11.075	16.973	25.571	1753.136	2070.612	1.067	1.408	570.406	1	14.817					
2/8/2018 12:15	51300		11.085	16.972	25.594	1753.099	2070.581	1.067	1.408	570.418	1	14.802					
2/8/2018 12:30	52200		11.078	16.972	25.579	1753.189	2070.687	1.067	1.408	570.389	1	14.804					
2/8/2018 12:45	53100		11.083	16.972	25.591	1753.127	2070.614	1.067	1.408	570.409	1	14.795					
2/8/2018 13:00	54000		11.075	16.973	25.59	1753.11	2070.569	1.065	1.408	570.415	1	14.79					
2/8/2018 13:15	54900		11.082	16.972	25.588	1753.004	2070.476	1.067	1.408	570.45	1	14.785					
2/8/2018 13:30	55800		11.078	16.972	25.578	1752.988	2070.446	1.067	1.408	570.455	1	14.786					
2/8/2018 13:45	56700		11.077	16.973	25.575	1753.107	2070.578	1.067	1.408	570.416	1	14.784					
2/8/2018 14:00	57600		11.074	16.973	25.569	1753.043	2070.486	1.067	1.408	570.437	1	14.783					
2/8/2018 14:15	58500		11.081	16.973	25.586	1753.244	2070.728	1.067	1.408	570.371	1	14.774					
2/8/2018 14:30	59400		11.072	16.972	25.573	1753.248	2070.752	1.067	1.408	570.37	1	14.776					
2/8/2018 14:45	60300		11.069	16.972	25.559	1753.247	2070.756	1.067	1.408	570.37	1	14.776					
2/8/2018 15:00	61200		11.075	16.972	25.571	1753.33	2070.849	1.067	1.408	570.343	1	14.775					
2/8/2018 15:15	62100		11.071	16.972	25.563	1753.093	2070.566	1.067	1.408	570.42	1	14.778					
2/8/2018 15:30	63000		11.078	16.972	25.578	1752.947	2070.406	1.067	1.408	570.468	1	14.774					
2/8/2018 15:45	63900		11.075	16.973	25.573	1753.075	2070.54	1.067	1.408	570.426	1	14.775					
2/8/2018 16:00	64800		11.072	16.972	25.571	1752.78	2070.204	1.066	1.408	570.522	1	14.773					
2/8/2018 16:15	65700		11.074	16.973	25.571	1752.56	2069.924	1.066	1.408	570.594	1	14.774					
2/8/2018 16:30	66600		11.081	16.973	25.586	1752.656	2070.033	1.066	1.408	570.563	1	14.766					
2/8/2018 16:45	67500		11.069	16.972	25.559	1752.705	2070.111	1.066	1.408	570.547	1	14.778					
2/8/2018 17:00	68400		11.066	16.973	25.552	1752.654	2070.039	1.066	1.408	570.563	1	14.781					
2/8/2018 17:15	69300		11.07	16.972	25.561	1752.447	2069.811	1.066	1.407	570.631	1	14.778					
2/8/2018 17:30	70200		11.072	16.972	25.576	1752.77	2070.187	1.067	1.408	570.526	1	14.772					
2/8/2018 17:45	71100		11.069	16.972	25.559	1752.768	2070.182	1.066	1.408	570.526	1	14.778					
2/8/2018 18:00	72000		11.079	16.973	25.582	1752.87	2070.29	1.066	1.408	570.493	1	14.768					
2/8/2018 18:15	72900		11.073	16.972	25.568	1752.847	2070.291	1.066	1.408	570.5	1	14.773					
2/8/2018 18:30	73800		11.072	16.973	25.564	1752.681	2070.074	1.066	1.408	570.555	1						

2/8/2018 20:00	79200	11.074	16.972	25.568	1752.751	2070.17	1.066	1.408	570.532	1	14.773
2/8/2018 20:15	80100	11.073	16.972	25.567	1752.832	2070.273	1.066	1.408	570.505	1	14.776
2/8/2018 20:30	81000	11.071	16.973	25.563	1752.656	2070.042	1.066	1.408	570.563	1	14.779
2/8/2018 20:45	81900	11.077	16.972	25.576	1752.662	2070.077	1.066	1.408	570.561	1	14.774
2/8/2018 21:00	82800	11.078	16.973	25.578	1752.442	2069.776	1.066	1.407	570.632	1	14.773
2/8/2018 21:15	83700	11.077	16.973	25.575	1752.356	2069.878	1.066	1.407	570.66	1	14.776
2/8/2018 21:30	84600	11.072	16.972	25.565	1752.753	2070.168	1.066	1.408	570.531	1	14.781
2/8/2018 21:45	85500	11.074	16.972	25.569	1752.672	2070.084	1.066	1.408	570.558	1	14.78
2/8/2018 22:00	86400	11.067	16.973	25.553	1752.8	2070.212	1.066	1.408	570.516	1	14.788
2/8/2018 22:15	87300	11.079	16.972	25.581	1752.698	2070.098	1.066	1.408	570.549	1	14.778
2/8/2018 22:30	88200	11.071	16.972	25.562	1752.605	2069.994	1.066	1.408	570.579	1	14.788
2/8/2018 22:45	89100	11.071	16.972	25.562	1752.488	2069.863	1.066	1.407	570.617	1	14.787
2/8/2018 23:00	90000	11.075	16.973	25.573	1752.204	2069.516	1.066	1.407	570.71	1	14.783
2/8/2018 23:15	90900	11.073	16.972	25.567	1752.483	2069.849	1.066	1.407	570.619	1	14.786
2/8/2018 23:30	91800	11.071	16.973	25.562	1752.277	2069.594	1.066	1.407	570.686	1	14.786
2/8/2018 23:45	92700	11.074	16.972	25.569	1752.393	2069.751	1.066	1.407	570.648	1	14.784
2/9/2018 0:00	93600	11.078	16.972	25.578	1752.377	2069.728	1.066	1.407	570.654	1	14.781
2/9/2018 0:15	94500	11.078	16.973	25.579	1752.279	2069.6	1.066	1.407	570.685	1	14.778
2/9/2018 0:30	95400	11.073	16.972	25.567	1752.578	2069.866	1.066	1.408	570.588	1	14.782
2/9/2018 0:45	96300	11.077	16.972	25.577	1752.571	2069.957	1.066	1.408	570.59	1	14.777
2/9/2018 1:00	97200	11.083	16.973	25.59	1752.575	2069.938	1.066	1.408	570.589	1	14.77
2/9/2018 1:15	98100	11.078	16.972	25.579	1752.587	2070	1.066	1.408	570.585	1	14.774
2/9/2018 1:30	99000	11.076	16.972	25.574	1752.524	2069.914	1.066	1.408	570.606	1	14.774
2/9/2018 1:45	99900	11.073	16.972	25.566	1752.544	2069.934	1.066	1.408	570.599	1	14.777
2/9/2018 2:00	100800	11.087	16.972	25.598	1752.422	2069.801	1.066	1.407	570.639	1	14.763
2/9/2018 2:15	101700	11.076	16.973	25.575	1752.406	2069.75	1.066	1.407	570.644	1	14.772
2/9/2018 2:30	102600	11.081	16.972	25.586	1752.254	2069.579	1.066	1.407	570.693	1	14.766
2/9/2018 2:45	103500	11.08	16.972	25.584	1752.052	2069.336	1.066	1.407	570.759	1	14.766
2/9/2018 3:00	104400	11.087	16.972	25.599	1751.955	2069.221	1.066	1.407	570.791	1	14.759
2/9/2018 3:15	105300	11.078	16.973	25.579	1752.345	2069.674	1.066	1.407	570.664	1	14.767
2/9/2018 3:30	106200	11.08	16.973	25.582	1752.456	2069.805	1.066	1.407	570.628	1	14.763
2/9/2018 3:45	107100	11.08	16.972	25.583	1752.333	2069.676	1.066	1.407	570.668	1	14.762
2/9/2018 4:00	108000	11.08	16.972	25.582	1752.4	2069.759	1.066	1.407	570.646	1	14.761
2/9/2018 4:15	108900	11.081	16.972	25.586	1752.282	2069.612	1.066	1.407	570.684	1	14.757
2/9/2018 4:30	109800	11.086	16.972	25.596	1752.051	2069.335	1.066	1.407	570.76	1	14.751
2/9/2018 4:45	110700	11.079	16.972	25.582	1752.162	2069.466	1.066	1.407	570.723	1	14.757
2/9/2018 5:00	111600	11.082	16.972	25.589	1752.246	2069.565	1.066	1.407	570.759	1	14.759
2/9/2018 5:15	112500	11.08	16.972	25.584	1752.379	2069.734	1.066	1.407	570.653	1	14.755
2/9/2018 5:30	113400	11.081	16.973	25.585	1752.098	2069.386	1.066	1.407	570.744	1	14.753
2/9/2018 5:45	114300	11.085	16.972	25.594	1751.798	2069.036	1.066	1.407	570.842	1	14.752
2/9/2018 6:00	115200	11.083	16.973	25.59	1752.203	2069.51	1.066	1.407	570.71	1	14.75
2/9/2018 6:15	116100	11.08	16.972	25.583	1752.15	2069.46	1.066	1.407	570.727	1	14.752
2/9/2018 6:30	117000	11.079	16.973	25.582	1752.299	2069.615	1.066	1.407	570.779	1	14.752
2/9/2018 6:45	117900	11.085	16.973	25.595	1752.269	2069.584	1.066	1.407	570.689	1	14.748
2/9/2018 7:00	118800	11.081	16.972	25.585	1752.073	2069.364	1.066	1.407	570.753	1	14.754
2/9/2018 7:15	119700	11.077	16.972	25.576	1752.286	2069.616	1.066	1.407	570.683	1	14.76
2/9/2018 7:30	120600	11.073	16.973	25.567	1752.089	2069.367	1.066	1.407	570.747	1	14.765
2/9/2018 7:45	121500	11.072	16.972	25.573	1752.019	2069.305	1.066	1.407	570.77	1	14.765
2/9/2018 8:00	122400	11.079	16.973	25.59	1752.094	2069.381	1.066	1.407	570.746	1	14.762
2/9/2018 8:15	123300	11.071	16.972	25.564	1751.88	2069.141	1.066	1.407	570.815	1	14.771
2/9/2018 8:30	124200	11.077	16.972	25.576	1752.066	2069.373	1.066	1.407	570.755	1	14.767
2/9/2018 8:45	125100	11.075	16.972	25.571	1751.983	2069.254	1.066	1.407	570.782	1	14.767
2/9/2018 9:00	126000	11.079	16.972	25.582	1752.233	2069.559	1.066	1.407	570.7	1	14.764
2/9/2018 9:15	126900	11.082	16.972	25.588	1752.136	2069.443	1.066	1.407	570.732	1	14.762
2/9/2018 9:30	127800	11.073	16.972	25.568	1751.945	2069.21	1.066	1.407	570.794	1	14.771
2/9/2018 9:45	128700	11.074	16.972	25.57	1752.148	2069.453	1.066	1.407	570.728	1	14.768
2/9/2018 10:00	129600	11.079	16.972	25.58	1752.068	2069.359	1.066	1.407	570.754	1	14.762
2/9/2018 10:15	130500	11.077	16.973	25.575	1751.842	2069.072	1.066	1.407	570.828	1	14.764
2/9/2018 10:30	131400	11.076	16.972	25.574	1751.866	2069.129	1.066	1.407	570.82	1	14.764
2/9/2018 10:45	132300	11.071	16.973	25.562	1752.045	2069.324	1.066	1.407	570.762	1	14.767
2/9/2018 11:00	133200	11.078	16.972	25.579	1752.003	2069.278	1.066	1.407	570.775	1	14.761
2/9/2018 11:15	134100	11.074	16.973	25.57	1752.057	2069.23	1.066	1.407	570.763	1	14.763
2/9/2018 11:30	135000	11.079	16.973	25.581	1752.112	2069.394	1.066	1.407	570.74	1	14.755
2/9/2018 11:45	135900	11.075	16.973	25.572	1751.883	2069.121	1.066	1.407	570.814	1	14.758
2/9/2018 12:00	136800	11.08	16.972	25.583	1751.778	2069.02	1.066	1.407	570.849	1	14.749
2/9/2018 12:15	137700	11.078	16.973	25.579	1751.92	2069.172	1.066	1.407	570.802	1	14.748
2/9/2018 12:30	138600	11.072	16.972	25.566	1751.749	2068.999	1.066	1.407	570.858	1	14.749
2/9/2018 12:45	139500	11.075	16.973	25.572	1751.708	2068.93	1.066	1.407	570.871	1	14.743
2/9/2018 13:00	140400	11.079	16.973	25.58	1751.757	2068.979	1.066	1.407	570.855	1	14.737
2/9/2018 13:15	141300	11.079	16.973	25.58	1751.873	2069.108	1.066	1.407	570.818	1	14.734
2/9/2018 13:30	142200	11.076	16.972	25.575	1751.74	2068.975	1.066	1.407	570.861	1	14.735
2/9/2018 13:45	143100	11.076	16.973	25.574	1751.442	2068.599	1.066	1.407	570.958	1	14.731
2/9/2018 14:00	144000	11.076	16.973	25.575	1751.715	2068.905	1.066	1.407	570.869	1	14.728
2/9/2018 14:15	144900	11.08	16.973	25.583	1751.652	2068.583	1.066	1.407	570.89	1	14.726
2/9/2018 14:30	145800	11.08	16.973	25.584	1751.217	2068.337	1.065	1.406	571.032	1	14.723
2/9/2018 14:45	146700	11.075	16.973	25.572	1751.571	2068.756	1.066	1.407	570.916	1	14.727
2/9/2018 15:00	147600	11.076	16.973	25.575	1751.859	2069.104	1.066	1.407	570.822	1	14.725
2/9/2018 15:15	148500	11.07	16.972	25.56	1751.932	2069.194	1.066	1.407	570.798	1	14.73
2/9/2018 15:30	149400	11.078	16.973	25.578	1751.585	2068.768	1.066	1.407	570.912	1	14.721
2/9/2018 15:45	150300	11.079	16.973	25.578	1751.754	2068.928	1.066	1.407	570.856	1	14.721
2/9/2018 16:00	151200	11.075	16.973	25.572	1751.825	2069.064	1.066	1.407	570.833	1	14.721
2/9/2018 16:15	152100	11.074	16.972	25.57	1751.67	2068.893	1.066	1.407	570.884	1	14.72
2/9/2018 16:30	153000	11.07	16.972	25.561	1751.689	2068.927	1.066	1.407	570.878	1	14.723
2/9/2018 16:45	153900	11.077	16.972	25.577	1751.753	2068.995	1.066	1.407	570.857	1	14.715
2/9/2018 17:00	154800	11.079	16.973	25.582	1751.479	2068.626	1.066	1.407	570.946	1	14.714
2/9/2018 17:15	155700	11.079	16.973	25.578	1751.351	2068.578	1.066	1.407	570.988	1	14.715
2/9/2018 17:30	156600	11.076	16.973	25.573	1751.796	2069.03	1.066	1.407	570.843	1	14.717
2/9/2018 17:45	157500	11.082	16.973	25.587	1751.799	2069.029	1.066	1.407	570.842	1	

2/11/2018 0:45	269100	11:078	16:973	25:578	1749:616	2066:451	1:064	1:405	571:554	1	14:71
2/11/2018 1:00	270000	11:076	16:973	25:574	1749:852	2066:717	1:065	1:405	571:477	1	14:714
2/11/2018 1:15	270900	11:077	16:973	25:577	1749:807	2066:672	1:065	1:405	571:492	1	14:714
2/11/2018 1:30	271800	11:08	16:973	25:583	1749:796	2066:651	1:065	1:405	571:495	1	14:712
2/11/2018 1:45	272700	11:087	16:973	25:599	1749:654	2066:471	1:064	1:405	571:542	1	14:706
2/11/2018 2:00	273600	11:072	16:973	25:565	1749:759	2066:594	1:064	1:405	571:507	1	14:72
2/11/2018 2:15	274500	11:077	16:974	25:576	1749:883	2066:449	1:065	1:405	571:467	1	14:717
2/11/2018 2:30	275400	11:082	16:973	25:588	1749:807	2066:66	1:065	1:405	571:492	1	14:713
2/11/2018 2:45	276300	11:09	16:973	25:607	1749:825	2066:677	1:065	1:405	571:486	1	14:702
2/11/2018 3:00	277200	11:079	16:973	25:581	1749:807	2066:651	1:065	1:405	571:492	1	14:714
2/11/2018 3:15	278100	11:079	16:973	25:582	1749:57	2066:368	1:064	1:405	571:569	1	14:714
2/11/2018 3:30	279000	11:079	16:973	25:571	1749:338	2066:342	1:064	1:405	571:58	1	14:719
2/11/2018 3:45	279900	11:078	16:973	25:578	1749:793	2066:39	1:065	1:405	571:486	1	14:717
2/11/2018 4:00	280800	11:078	16:973	25:578	1749:578	2066:398	1:064	1:405	571:566	1	14:718
2/11/2018 4:15	281700	11:082	16:973	25:588	1749:62	2066:456	1:064	1:405	571:553	1	14:714
2/11/2018 4:30	282600	11:082	16:973	25:587	1749:636	2066:437	1:064	1:405	571:547	1	14:711
2/11/2018 4:45	283500	11:08	16:973	25:584	1749:603	2066:427	1:064	1:405	571:558	1	14:712
2/11/2018 5:00	284400	11:084	16:973	25:593	1749:622	2066:453	1:064	1:405	571:552	1	14:709
2/11/2018 5:15	285300	11:086	16:973	25:596	1749:608	2066:552	1:064	1:405	571:527	1	14:708
2/11/2018 5:30	286200	11:086	16:973	25:597	1749:582	2066:39	1:064	1:405	571:565	1	14:708
2/11/2018 5:45	287100	11:081	16:973	25:585	1749:559	2066:359	1:064	1:405	571:573	1	14:713
2/11/2018 6:00	288000	11:091	16:973	25:609	1749:583	2066:407	1:064	1:405	571:565	1	14:7
2/11/2018 6:15	288900	11:083	16:973	25:589	1749:772	2066:626	1:064	1:405	571:503	1	14:708
2/11/2018 6:30	289800	11:088	16:973	25:603	1749:598	2066:429	1:064	1:405	571:56	1	14:705
2/11/2018 6:45	290700	11:079	16:973	25:582	1749:429	2066:29	1:064	1:405	571:615	1	14:714
2/11/2018 7:00	291600	11:083	16:973	25:589	1749:396	2066:183	1:064	1:405	571:626	1	14:713
2/11/2018 7:15	292500	11:084	16:973	25:592	1749:659	2066:489	1:064	1:405	571:54	1	14:712
2/11/2018 7:30	293400	11:076	16:973	25:575	1749:604	2066:432	1:064	1:405	571:558	1	14:716
2/11/2018 7:45	294300	11:081	16:974	25:587	1749:657	2066:455	1:064	1:405	571:54	1	14:711
2/11/2018 8:00	295200	11:088	16:973	25:601	1749:435	2066:224	1:064	1:405	571:613	1	14:707
2/11/2018 8:15	296100	11:079	16:973	25:58	1749:443	2066:242	1:064	1:405	571:611	1	14:717
2/11/2018 8:30	297000	11:079	16:973	25:581	1749:624	2066:452	1:064	1:405	571:551	1	14:717
2/11/2018 8:45	297900	11:084	16:973	25:592	1749:475	2066:259	1:064	1:405	571:6	1	14:711
2/11/2018 9:00	298800	11:071	16:973	25:563	1749:238	2065:984	1:064	1:405	571:677	1	14:724
2/11/2018 9:15	299700	11:085	16:973	25:596	1749:204	2065:96	1:064	1:405	571:689	1	14:713
2/11/2018 9:30	300600	11:084	16:973	25:593	1749:474	2066:274	1:064	1:405	571:601	1	14:714
2/11/2018 9:45	301500	11:084	16:973	25:592	1749:354	2066:192	1:064	1:405	571:64	1	14:715
2/11/2018 10:00	302400	11:083	16:973	25:59	1749:398	2066:168	1:064	1:405	571:625	1	14:714
2/11/2018 10:15	303300	11:079	16:973	25:581	1749:138	2065:874	1:064	1:405	571:71	1	14:715
2/11/2018 10:30	304200	11:081	16:973	25:586	1749:225	2065:981	1:064	1:405	571:682	1	14:712
2/11/2018 10:45	305100	11:076	16:973	25:575	1749:4	2066:167	1:064	1:405	571:624	1	14:71
2/11/2018 11:00	306000	11:073	16:973	25:568	1749:135	2065:862	1:064	1:405	571:711	1	14:719
2/11/2018 11:15	306900	11:07	16:973	25:561	1749:065	2065:783	1:064	1:405	571:734	1	14:72
2/11/2018 11:30	307800	11:082	16:973	25:589	1749:089	2065:824	1:064	1:405	571:726	1	14:709
2/11/2018 11:45	308700	11:081	16:973	25:586	1749:106	2065:827	1:064	1:405	571:721	1	14:71
2/11/2018 12:00	309600	11:079	16:973	25:581	1749:293	2066:057	1:064	1:405	571:659	1	14:711
2/11/2018 12:15	310500	11:081	16:973	25:585	1749:045	2065:764	1:064	1:405	571:74	1	14:704
2/11/2018 12:30	311400	11:083	16:973	25:591	1749:123	2065:852	1:064	1:405	571:715	1	14:7
2/11/2018 12:45	312300	11:083	16:973	25:591	1749:25	2065:986	1:064	1:405	571:679	1	14:695
2/11/2018 13:00	313200	11:073	16:973	25:567	1749:274	2066:03	1:064	1:405	571:666	1	14:702
2/11/2018 13:15	314100	11:081	16:973	25:587	1749:099	2065:819	1:064	1:405	571:723	1	14:695
2/11/2018 13:30	315000	11:086	16:973	25:596	1748:891	2065:553	1:064	1:405	571:791	1	14:687
2/11/2018 13:45	315900	11:094	16:973	25:616	1748:972	2065:658	1:064	1:405	571:764	1	14:674
2/11/2018 14:00	316800	11:097	16:973	25:622	1749:05	2065:761	1:064	1:405	571:739	1	14:665
2/11/2018 14:15	317700	11:089	16:973	25:603	1749:087	2065:805	1:064	1:405	571:727	1	14:685
2/11/2018 14:30	318600	11:09	16:973	25:605	1749:116	2065:835	1:064	1:405	571:717	1	14:658
2/11/2018 14:45	319500	11:087	16:973	25:599	1749:16	2065:88	1:064	1:405	571:703	1	14:656
2/11/2018 15:00	320400	11:078	16:973	25:579	1749:155	2065:898	1:064	1:405	571:705	1	14:665
2/11/2018 15:15	321300	11:079	16:973	25:581	1749:179	2065:914	1:064	1:405	571:697	1	14:669
2/11/2018 15:30	322200	11:079	16:973	25:581	1749:03	2065:733	1:064	1:405	571:746	1	14:672
2/11/2018 15:45	323100	11:087	16:973	25:599	1749:018	2065:724	1:064	1:405	571:749	1	14:682
2/11/2018 16:00	324000	11:085	16:973	25:596	1749:043	2065:746	1:064	1:405	571:741	1	14:663
2/11/2018 16:15	324900	11:083	16:973	25:589	1749:119	2065:851	1:064	1:405	571:717	1	14:666
2/11/2018 16:30	325800	11:077	16:973	25:576	1748:91	2065:604	1:064	1:405	571:785	1	14:674
2/11/2018 16:45	326700	11:081	16:973	25:587	1748:935	2065:63	1:064	1:405	571:776	1	14:671
2/11/2018 17:00	327600	11:084	16:973	25:592	1749:042	2065:732	1:064	1:405	571:742	1	14:669
2/11/2018 17:15	328500	11:081	16:973	25:586	1748:92	2065:592	1:064	1:405	571:781	1	14:669
2/11/2018 17:30	329400	11:084	16:973	25:593	1748:984	2065:693	1:064	1:405	571:761	1	14:656
2/11/2018 17:45	330300	11:084	16:973	25:592	1749:033	2065:742	1:064	1:405	571:744	1	14:667
2/11/2018 18:00	331200	11:08	16:973	25:583	1748:754	2065:396	1:064	1:404	571:836	1	14:671
2/11/2018 18:15	332100	11:084	16:973	25:593	1748:751	2065:408	1:064	1:404	571:837	1	14:667
2/11/2018 18:30	333000	11:082	16:973	25:589	1748:714	2065:356	1:064	1:404	571:849	1	14:67
2/11/2018 18:45	333900	11:083	16:973	25:591	1748:82	2065:485	1:064	1:405	571:814	1	14:669
2/11/2018 19:00	334800	11:076	16:973	25:575	1748:795	2065:448	1:064	1:405	571:822	1	14:657
2/11/2018 19:15	335700	11:079	16:973	25:58	1748:86	2065:537	1:064	1:405	571:801	1	14:671
2/11/2018 19:30	336600	11:074	16:973	25:569	1748:528	2065:14	1:064	1:404	571:91	1	14:676
2/11/2018 19:45	337500	11:079	16:973	25:58	1748:666	2065:32	1:064	1:404	571:865	1	14:672
2/11/2018 20:00	338400	11:08	16:973	25:582	1749:018	2065:712	1:064	1:405	571:749	1	14:67
2/11/2018 20:15	339300	11:079	16:973	25:581	1748:646	2065:276	1:064	1:404	571:871	1	14:673
2/11/2018 20:30	340200	11:075	16:973	25:571	1748:672	2065:307	1:064	1:403	571:862	1	14:679
2/11/2018 20:45	341100	11:077	16:973	25:577	1748:631	2065:267	1:064	1:404	571:876	1	14:677
2/11/2018 21:00	342000	11:083	16:973	25:59	1748:783	2065:446	1:064	1:405	571:826	1	14:672
2/11/2018 21:15	342900	11:083	16:973	25:591	1748:752	2065:413	1:064	1:404	571:836	1	14:67
2/11/2018 21:30	343800	11:078	16:973	25:579	1748:727	2065:388	1:064	1:404	571:845	1	14:676
2/11/2018 21:45	344700	11:089	16:973	25:605	1748:658	2065:302	1:064	1:404	571:867	1	14:669
2/11/2018 22:00	345600	11:089	16:973	25:603	1748:739	2065:408	1:064	1:404	571:841	1	14:666
2/11/2018 22:15	346500	11:084	16:973	25:592	1748:42	2065:013	1:064	1:404	571:945	1	14:67
2/11/201											

2/13/2018 5:30	459000	11.075	16.973	25.572	1746.741	2063.023	1.063	1.403	572.495	1	14.761
2/13/2018 5:45	459900	11.076	16.973	25.573	1746.733	2063.009	1.063	1.403	572.497	1	14.764
2/13/2018 6:00	460800	11.08	16.974	25.583	1746.673	2062.913	1.062	1.403	572.517	1	14.764
2/13/2018 6:15	461700	11.073	16.973	25.566	1746.767	2063.06	1.063	1.403	572.486	1	14.772
2/13/2018 6:30	462600	11.074	16.973	25.571	1746.92	2063.226	1.063	1.403	572.436	1	14.774
2/13/2018 6:45	463500	11.071	16.973	25.563	1746.914	2063.222	1.063	1.403	572.438	1	14.779
2/13/2018 7:00	464400	11.076	16.973	25.574	1746.805	2063.106	1.063	1.403	572.474	1	14.779
2/13/2018 7:15	465300	11.076	16.974	25.574	1746.829	2063.102	1.063	1.403	572.466	1	14.782
2/13/2018 7:30	466200	11.075	16.973	25.571	1746.711	2062.991	1.063	1.403	572.505	1	14.786
2/13/2018 7:45	467100	11.069	16.973	25.558	1746.766	2063.064	1.063	1.403	572.487	1	14.793
2/13/2018 8:00	468000	11.075	16.974	25.571	1746.783	2063.047	1.063	1.403	572.481	1	14.791
2/13/2018 8:15	468900	11.076	16.974	25.575	1746.749	2063.019	1.063	1.403	572.492	1	14.794
2/13/2018 8:30	469800	11.071	16.973	25.562	1746.56	2062.8	1.062	1.403	572.554	1	14.8
2/13/2018 8:45	470700	11.08	16.974	25.583	1746.599	2062.826	1.062	1.403	572.541	1	14.799
2/13/2018 9:00	471600	11.075	16.973	25.572	1746.767	2063.049	1.063	1.403	572.486	1	14.801
2/13/2018 9:15	472500	11.074	16.974	25.57	1746.635	2062.881	1.062	1.403	572.529	1	14.804
2/13/2018 9:30	473400	11.075	16.973	25.571	1746.583	2062.828	1.062	1.403	572.547	1	14.805
2/13/2018 9:45	474300	11.083	16.974	25.591	1746.411	2062.6	1.062	1.403	572.603	1	14.798
2/13/2018 10:00	475200	11.078	16.974	25.58	1746.065	2062.2	1.062	1.402	572.716	1	14.804
2/13/2018 10:15	476100	11.076	16.973	25.573	1746.308	2062.511	1.062	1.403	572.637	1	14.807
2/13/2018 10:30	477000	11.078	16.973	25.579	1746.532	2062.767	1.062	1.403	572.563	1	14.804
2/13/2018 10:45	477900	11.074	16.974	25.57	1746.664	2062.915	1.062	1.403	572.52	1	14.808
2/13/2018 11:00	478800	11.08	16.974	25.583	1746.6	2062.816	1.062	1.403	572.541	1	14.803
2/13/2018 11:15	479700	11.077	16.974	25.576	1746.487	2062.694	1.062	1.403	572.578	1	14.804
2/13/2018 11:30	480600	11.082	16.973	25.587	1746.508	2062.751	1.062	1.403	572.571	1	14.799
2/13/2018 11:45	481500	11.076	16.973	25.574	1746.62	2062.871	1.062	1.403	572.535	1	14.803
2/13/2018 12:00	482400	11.082	16.973	25.587	1746.57	2062.82	1.062	1.403	572.551	1	14.795
2/13/2018 12:15	483300	11.078	16.974	25.579	1746.298	2062.47	1.062	1.402	572.64	1	14.797
2/13/2018 12:30	484200	11.076	16.974	25.575	1746.286	2062.464	1.062	1.402	572.644	1	14.796
2/13/2018 12:45	485100	11.08	16.974	25.583	1746.64	2062.891	1.062	1.403	572.528	1	14.789
2/13/2018 13:00	486000	11.079	16.974	25.58	1746.309	2062.483	1.062	1.402	572.636	1	14.79
2/13/2018 13:15	486900	11.079	16.974	25.582	1746.286	2062.464	1.062	1.402	572.644	1	14.786
2/13/2018 13:30	487800	11.074	16.974	25.569	1746.434	2062.635	1.062	1.403	572.595	1	14.79
2/13/2018 13:45	488700	11.077	16.974	25.576	1746.413	2062.614	1.062	1.403	572.602	1	14.785
2/13/2018 14:00	489600	11.078	16.974	25.58	1746.518	2062.734	1.062	1.403	572.568	1	14.782
2/13/2018 14:15	490500	11.075	16.974	25.572	1746.408	2062.617	1.062	1.403	572.604	1	14.783
2/13/2018 14:30	491400	11.073	16.973	25.567	1746.128	2062.266	1.062	1.402	572.696	1	14.776
2/13/2018 14:45	492300	11.076	16.974	25.573	1746.283	2062.457	1.062	1.402	572.645	1	14.784
2/13/2018 15:00	493200	11.075	16.974	25.572	1746.55	2062.764	1.062	1.403	572.557	1	14.784
2/13/2018 15:15	494100	11.075	16.973	25.572	1746.432	2062.649	1.062	1.403	572.596	1	14.785
2/13/2018 15:30	495000	11.072	16.974	25.565	1746.52	2062.732	1.062	1.403	572.567	1	14.788
2/13/2018 15:45	495900	11.072	16.974	25.565	1746.488	2062.699	1.062	1.403	572.578	1	14.79
2/13/2018 16:00	496800	11.076	16.973	25.574	1746.496	2062.724	1.062	1.403	572.575	1	14.789
2/13/2018 16:15	497700	11.072	16.974	25.565	1747.049	2063.368	1.063	1.403	572.394	1	14.793
2/13/2018 16:30	498600	11.076	16.974	25.573	1746.154	2062.308	1.062	1.402	572.687	1	14.79
2/13/2018 16:45	499500	11.072	16.974	25.565	1746.25	2062.431	1.062	1.402	572.656	1	14.794
2/13/2018 17:00	500400	11.074	16.974	25.57	1746.23	2062.39	1.062	1.402	572.662	1	14.792
2/13/2018 17:15	501300	11.069	16.974	25.558	1746.172	2062.329	1.062	1.402	572.681	1	14.797
2/13/2018 17:30	502200	11.073	16.973	25.567	1746.182	2062.254	1.062	1.402	572.678	1	14.795
2/13/2018 17:45	503100	11.071	16.974	25.564	1746.138	2062.262	1.062	1.402	572.692	1	14.797
2/13/2018 18:00	504000	11.067	16.974	25.554	1746.282	2062.464	1.062	1.402	572.645	1	14.803
2/13/2018 18:15	504900	11.079	16.974	25.581	1746.383	2062.588	1.062	1.403	572.612	1	14.795
2/13/2018 18:30	505800	11.072	16.974	25.566	1746.226	2062.398	1.062	1.402	572.664	1	14.801
2/13/2018 18:45	506700	11.081	16.974	25.586	1746.238	2062.416	1.062	1.402	572.66	1	14.795
2/13/2018 19:00	507600	11.072	16.974	25.565	1746.228	2062.4	1.062	1.402	572.663	1	14.807
2/13/2018 19:15	508500	11.072	16.974	25.566	1746.266	2062.445	1.062	1.402	572.65	1	14.806
2/13/2018 19:30	509400	11.074	16.974	25.57	1746.776	2063.04	1.063	1.403	572.483	1	14.806
2/13/2018 19:45	510300	11.074	16.973	25.569	1746.07	2062.226	1.062	1.402	572.715	1	14.809
2/13/2018 20:00	511200	11.072	16.974	25.565	1746.204	2062.372	1.062	1.402	572.671	1	14.811
2/13/2018 20:15	512100	11.074	16.974	25.57	1746.379	2062.563	1.062	1.403	572.613	1	14.81
2/13/2018 20:30	513000	11.072	16.974	25.566	1746.234	2062.383	1.062	1.402	572.661	1	14.815
2/13/2018 20:45	513900	11.074	16.973	25.57	1746.234	2062.457	1.062	1.402	572.661	1	14.811
2/13/2018 21:00	514800	11.078	16.974	25.58	1746.338	2062.534	1.062	1.403	572.627	1	14.811
2/13/2018 21:15	515700	11.076	16.974	25.575	1746.216	2062.377	1.062	1.402	572.667	1	14.816
2/13/2018 21:30	516600	11.076	16.974	25.573	1746.339	2062.527	1.062	1.403	572.626	1	14.816
2/13/2018 21:45	517500	11.073	16.974	25.567	1746.28	2062.462	1.062	1.402	572.646	1	14.82
2/13/2018 22:00	518400	11.074	16.974	25.57	1746.125	2062.275	1.062	1.402	572.697	1	14.819
2/13/2018 22:15	519300	11.074	16.974	25.57	1746.594	2062.045	1.062	1.405	572.759	1	14.815
2/13/2018 22:30	520200	11.076	16.973	25.574	1746.161	2062.333	1.062	1.402	572.685	1	14.818
2/13/2018 22:45	521100	11.07	16.974	25.561	1746.199	2062.357	1.062	1.402	572.673	1	14.825
2/13/2018 23:00	522000	11.076	16.974	25.573	1746.345	2062.539	1.062	1.403	572.625	1	14.822
2/13/2018 23:15	522900	11.071	16.973	25.562	1745.992	2062.137	1.062	1.402	572.74	1	14.826
2/13/2018 23:30	523800	11.071	16.974	25.563	1746.139	2062.287	1.062	1.402	572.692	1	14.828
2/13/2018 23:45	524700	11.081	16.974	25.585	1746.311	2062.48	1.062	1.402	572.636	1	14.82
2/14/2018 0:00	525600	11.077	16.974	25.576	1746.164	2062.32	1.062	1.402	572.684	1	14.824
2/14/2018 0:15	526500	11.08	16.974	25.582	1745.893	2061.972	1.062	1.402	572.773	1	14.821
2/14/2018 0:30	527400	11.077	16.974	25.576	1745.89	2061.993	1.062	1.402	572.774	1	14.823
2/14/2018 0:45	528300	11.082	16.974	25.588	1746.252	2062.412	1.062	1.402	572.655	1	14.818
2/14/2018 1:00	529200	11.078	16.974	25.579	1746.115	2062.246	1.062	1.402	572.7	1	14.822
2/14/2018 1:15	530100	11.076	16.973	25.575	1746.076	2062.213	1.062	1.403	572.713	1	14.824
2/14/2018 1:30	531000	11.08	16.973	25.584	1746.002	2062.142	1.062	1.402	572.737	1	14.819
2/14/2018 1:45	531900	11.072	16.974	25.566	1746.134	2062.29	1.062	1.402	572.694	1	14.826
2/14/2018 2:00	532800	11.078	16.974	25.578	1746.11	2062.265	1.062	1.402	572.702	1	14.822
2/14/2018 2:15	533700	11.082	16.974	25.589	1746.014	2062.151	1.062	1.402	572.733	1	14.816
2/14/2018 2:30	534600	11.083	16.974	25.591	1746.145	2062.294	1.062	1.402	572.69	1	14.813
2/14/2018 2:45	535500	11.09	16.973	25.606	1746.217	2062.306	1.062	1.402	572.666	1	14.809
2/14/2018 3:00	536400	11.086	16.974	25.597	1746.141	2062.285	1.062	1.402	572.691	1	14.804
2/14/2018 3:											

Report Date: 2/16/2018 10:43
Report User Name: WMassoll
Report Computer Name: WKST52
Application: WinSitu.exe
Application Version: 5.6.27.1

Log File Properties
File Name MPWSP MW-7D LT_Test_2018-02-15_08-13-21-077-BaroMerge.wsl
Create Date 2/16/2018 10:40

Device Properties
Device Aqua TROLL 200
Site MPWSP MW-7D
Device Name
Serial Number 441205
Firmware Version 2.01
Hardware Version 4
Device Address 1
Device Comm Cfg 19200 8 Even 1 (Modbus-RTU)
Used Memory 73
Used Battery 33

Log Configuration
Log Name MPWSP MW-7D LT Test
Created By WMassoll
Computer Name TABLET001
Application WinSitu.exe
Application Version 5.6.27.1
Create Date 11/16/2017 9:55:15 AM Pacific Standard Time
Log Setup Time Zone Pacific Standard Time
Notes Size(bytes) 4096
Overwrite when full Enabled
Scheduled Start Time 11/16/2017 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
Specific Gravity 1.012
Depth

Other Log Settings
Depth of Probe: 302.744 (ft)
Head Pressure: 132.823 (PSI)
Temperature: 19.2316 (C)
Specific Conductivity Model: Standard Methods
Reference Temperature: 25
Temperature Coefficient: 0.0191
TDS Factor: 0.68

Log Notes:
Date and Time Note
11/16/2017 9:55 Used Battery: 33% Used Memory: 76% User Name: WMassoll
11/23/2017 11:56 Log Download - Used Battery: 33% Used Memory: 76% User Name: AVanHaitsma Interval - Start Time: 11/15/2017 10:00:00 AM Stop Time: 11/23/2017 12:43:44 PM
11/23/2017 11:59 Log Download - Used Battery: 33% Used Memory: 76% User Name: AVanHaitsma Interval - Start Time: 11/15/2017 10:00:00 PM Stop Time: 11/23/2017 11:45:00 AM
12/1/2017 10:46 Log Download - Used Battery: 34% Used Memory: 78% User Name: AVanHaitsma Interval - Start Time: 10/31/2017 10:00:00 PM Stop Time: 12/1/2017 11:45:00 AM
12/7/2017 9:56 Log Download - Used Battery: 34% Used Memory: 78% User Name: WMassoll Interval - Start Time: 11/29/2017 10:00:00 PM Stop Time: 12/7/2017 12:15:00 PM
12/14/2017 10:58 Log Download - Used Battery: 34% Used Memory: 79% User Name: WMassoll Interval - Start Time: 12/6/2017 10:00:00 PM Stop Time: 12/14/2017 10:30:00 AM
12/21/2017 8:18 Log Download - Used Battery: 35% Used Memory: 79% User Name: AVanHaitsma Interval - Start Time: 12/13/2017 10:00:00 PM Stop Time: 12/21/2017 9:15:00 AM
1/4/2018 12:46 Log Download - Used Battery: 35% Used Memory: 81% User Name: WMassoll Interval - Start Time: 11/30/2017 10:00:00 PM Stop Time: 1/4/2018 3:15:00 PM
1/11/2018 8:06 Log Download - Used Battery: 36% Used Memory: 82% User Name: AVanHaitsma Interval - Start Time: 1/3/2018 10:00:00 PM Stop Time: 1/11/2018 9:00:00 AM
1/18/2018 9:43 Log Download - Used Battery: 36% Used Memory: 82% User Name: WMassoll Interval - Start Time: 1/10/2018 10:00:00 PM Stop Time: 1/18/2018 11:00:00 AM
1/26/2018 9:56 Log Download - Used Battery: 37% Used Memory: 84% User Name: WMassoll Interval - Start Time: 1/17/2018 10:00:00 PM Stop Time: 1/26/2018 11:15:00 AM
2/1/2018 15:37 Log Download - Used Battery: 37% Used Memory: 84% User Name: WMassoll Interval - Start Time: 12/31/2017 10:00:00 PM Stop Time: 2/1/2018 4:00:00 PM
2/8/2018 7:29 Log Download - Used Battery: 37% Used Memory: 85% User Name: AVanHaitsma Interval - Start Time: 1/31/2018 10:00:00 PM Stop Time: 2/8/2018 7:15:00 PM
2/8/2018 7:31 Log Download - Used Battery: 37% Used Memory: 85% User Name: AVanHaitsma Interval - Start Time: 1/31/2018 10:00:00 PM Stop Time: 2/8/2018 8:30:00 AM
2/8/2018 7:36 Log Download - Used Battery: 37% Used Memory: 85% User Name: AVanHaitsma Interval - Start Time: 1/31/2018 10:00:00 PM Stop Time: 2/8/2018 8:30:00 AM
2/15/2018 8:12 Log Download - Used Battery: 38% Used Memory: 85% User Name: AVanHaitsma Interval - Start Time: 2/7/2018 10:00:00 PM Stop Time: 2/15/2018 9:00:00 AM
2/16/2018 10:40 User Note: "Pressure & Level adjusted by baro data from: "MPWSP Barotroll_2018-02-15_16-52-45-921.wsl""

Log Data:
Record Count 713

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

Time Zone: Pacific Standard Time

Date and Time	Elapsed Time Seconds	Sensor: PCTD(A) 658.7ft	Sensor: PCTD(A) 658.7ft	Sensor: PCTD(A) 658.7ft	Sensor: PCTD(A) 658.7ft	Sensor: PCTD(A) 658.7ft	Sensor: PCTD(A) 658.7ft	Sensor: PCTD(A) 658.7ft	Sensor: PCTD(A) 658.7ft	Sensor: Baro-Adj Calc	
		SNR: 441205 Corrected Pressure (PSI)	SNR: 441205 Temperature (C)	SNR: 441205 Corrected Depth (ft)	SNR: 441205 Actual Conductivity (µS/cm)	SNR: 441205 Specific Conductivity (µS/cm)	SNR: 441205 Salinity (PSU)	SNR: 441205 Total Dissolved Solids (ppt)	SNR: 441205 Resistivity (ohm-cm)	SNR: 441205 Water Density (g/cm3)	SNR: 000000 Barometric Pressure (PSI)
2/8/2018 0:00	7200	118.117	19.216	269.224	34192.316	38438.625	24.663	26.138	29.246	1.017	14.84
2/8/2018 0:15	8100	118.133	19.216	269.261	34190.039	38435.996	24.661	26.136	29.248	1.017	14.832
2/8/2018 0:30	9000	118.12	19.216	269.232	34211.488	38460.039	24.678	26.153	29.23	1.017	14.839
2/8/2018 0:45	9900	118.123	19.216	269.24	34176.531	38420.953	24.651	26.126	29.26	1.017	14.835
2/8/2018 1:00	10800	118.115	19.217	269.221	34193.5	38439.234	24.664	26.139	29.245	1.017	14.838
2/8/2018 1:15	11700	118.115	19.217	269.221	34201.082	38447.836	24.67	26.145	29.239	1.017	14.834
2/8/2018 1:30	12600	118.123	19.217	269.238	34166.383	38408.828	24.642	26.118	29.269	1.017	14.832
2/8/2018 1:45	13500	118.111	19.216	269.211	34207.129	38455.277	24.675	26.15	29.234	1.017	14.836
2/8/2018 2:00	14400	118.127	19.217	269.249	34188.289	38433.742	24.66	26.135	29.25	1.017	14.829
2/8/2018 2:15	15300	118.134	19.217	269.264	34195.43	38441.332	24.665	26.14	29.244	1.017	14.826
2/8/2018 2:30	16200	118.14	19.217	269.278	34194.523	38440.461	24.664	26.14	29.244	1.017	14.828
2/8/2018 2:45	17100	118.13	19.217	269.254	34222.105	38471.469	24.686	26.161	29.221	1.017	14.833
2/8/2018 3:00	18000	118.139	19.217	269.275	34205.57	38452.949	24.673	26.148	29.235	1.017	14.827
2/8/2018 3:15	18900	118.168	19.217	269.342	34191.121	38436.637	24.662	26.137	29.247	1.017	14.827
2/8/2018 3:30	19800	118.141	19.217	269.28	34218.551	38467.762	24.684	26.158	29.224	1.017	14.824
2/8/2018 3:45	20700	118.159	19.217	269.321	34192.688	38438.617	24.663	26.138	29.246	1.017	14.82
2/8/2018 4:00	21600	118.161	19.217	269.325	34202.723	38449.68	24.671	26.146	29.237	1.017	14.827
2/8/2018 4:15	22500	118.155	19.218	269.312	34195.598	38441.094	24.665	26.14	29.244	1.017	14.832
2/8/2018 4:30	23400	118.169	19.217	269.344	34192.07	38437.773	24.663	26.138	29.247	1.017	14.822
2/8/2018 4:45	24300	118.179	19.217	269.367	34206.164	38453.473	24.674	26.148	29.234	1.017	14.827
2/8/2018 5:00	25200	118.172	19.217	269.349	34207.098	38454.523	24.674	26.149	29.234	1.017	14.827
2/8/2018 5:15	26100	118.175	19.216	269.357	34207.199	38455.148	24.675	26.15	29.234	1.017	14.827
2/8/2018 5:30	27000	118.181	19.217	269.37	34207.199	38455.066	24.675	26.149	29.234	1.017	14.827
2/8/2018 5:45	27900	118.18	19.217	269.369	34198.313	38444.867	24.668	26.143	29.241	1.017	14.829
2/8/2018 6:00	28800	118.207	19.217	269.431	34202.371	38449.574	24.671	26.146	29.238	1.017	14.832
2/8/2018 6:15	29700	118.189	19.218	269.388	34192.574	38437.836	24.663	26.138	29.246	1.017	14.826
2/8/2018 6:30	30600	118.199	19.217	269.412	34231.117	38481.316	24.693	26.167	29.213	1.017	14.826
2/8/2018 6:45	31500	118.188	19.217	269.386	34196.75	38442.965	24.666	26.141	29.241	1.017	14.834
2/8/2018 7:00	32400	118.197	19.217	269.408	34198.469	38444.613	24.667	26.142	29.241	1.017	14.828
2/8/2018 7:15	33300	118.199	19.217	269.413	34212.027	38460.43	24.679	26.153	29.229	1.017	14.832
2/8/2018 7:30	34200	118.2	19.22	269.415	34217.484	38464.184	24.681	26.156	29.225	1.017	14.832
2/8/2018 7:45	35100	118.198	19.217	269.409	34210.113	38457.914	24.677	26.151	29.231	1.017	14.836
2/8/2018 8:00	36000	118.213	19.217	269.443	34223.641	38473.121	24.688	26.162	29.22	1.017	14.827
2/8/2018 8:15	36900	118.193	19.217	269.399	34217.129	38465.801	24.682	26.157	29.225	1.017	14.838
2/8/2018 8:30	37800	118.189	19.217	269.389	34210.305	38458.055	24.677	26.151	29.231	1.017	14.837
2/8/2018 8:45	38700	118.192	19.217	269.395	34210.184	38458.137	24.677	26.152	29.231	1.017	14.838
2/8/2018 9:00	39600	118.189	19.217	269.389	34197.691	38443.949	24.667	26.142	29.242	1.017	14.84
2/8/2018 9:15	40500	118.175	19.217	269.356	34209.559	38457.656	24.677	26.151	29.232	1.017	14.839
2/8/2018 9:30	41400	118.173	19.217	269.352	34196.91	38443.367	24.666	26.141	29.242	1.017	14.841
2/8/2018 9:45	42300	118.173	19.217	269.353	34218.98	38468.023	24.684	26.158	29.224	1.017	14.837
2/8/2018 10:00	43200	118.155	19.216	269.312	34240.66	38493.254	24.702	26.175	29.205	1.017	14.836
2/8/2018 10:15	44100	118.16	19.217	269.324	34210.966	38458.949	24.678	26.152	29.23	1.017	14.835
2/8/2018 10:30	45000	118.163	19.216	269.33	34213.887	38462.805	24.68	26.155	29.228	1.017	14.828
2/8/2018 10:45	45900	118.129	19.217	269.253	34208.301	38456.02	24.675	26.15	29.233	1.017	14.836
2/8/2018 11:00	46800	118.14	19.216	269.277	34211.184	38459.766	24.678	26.153	29.23	1.017	14.828
2/8/2018 11:15	47700	118.131	19.216	269.256	34208.113	38456.668	24.676	26.151	29.233	1.017	14.826
2/8/2018 11:30	48600	118.125	19.216	269.243	34201.547	38448.793	24.67	26.145	29.238	1.017	14.823
2/8/2018 11:45	49500	118.121	19.216	269.235	34201.66	38449.129	24.671	26.145	29.238	1.017	14.817
2/8/2018 12:00	50400	118.113	19.216	269.215	34223.559	38473.676	24.688	26.162	29.22	1.017	14.817
2/8/2018 12:15	51300	118.119	19.216	269.23	34196.934	38443.746	24.667	26.142	29.242	1.017	14.802
2/8/2018 12:30	52200	118.095	19.217	269.175	34214.426	38463.125	24.681	26.155	29.227	1.017	14.804
2/8/2018 12:45	53100	118.095	19.217	269.176	34195.41	38441.813	24.665	26.14	29.244	1.017	14.795
2/8/2018 13:00	54000	118.092	19.217	269.169	34210.855	38459.113	24.678	26.152	29.23	1.017	14.79
2/8/2018 13:15	54900	118.093	19.217	269.17	34215.652	38464.434	24.681	26.156	29.226	1.017	14.785
2/8/2018 13:30	55800	118.082	19.217	269.144	34194.227	38440.418	24.664	26.139	29.245	1.017	14.786
2/8/2018 13:45	56700	118.082	19.217	269.145	34201.504	38448.531	24.67	26.145	29.238	1.017	14.784
2/8/2018 14:00	57600	118.08	19.217	269.14	34192.426	38438.395	24.663	26.138	29.246	1.017	14.783
2/8/2018 14:15	58500	118.08	19.217	269.141	34195.125	38441.137	24.665	26.14	29.244	1.017	14.774
2/8/2018 14:30	59400	118.073	19.217	269.124	34198.469	38444.898	24.668	26.143	29.241	1.017	14.776
2/8/2018 14:45	60300	118.059	19.216	269.094	34228.969	38479.621	24.692	26.166	29.215	1.017	14.781
2/8/2018 15:00	61200	118.063	19.216	269.103	34186.949	38432.52	24.659	26.134	29.251	1.017	14.775
2/8/2018 15:15	62100	118.061	19.216	269.098	34202.75	38449.559	24.671	26.146	29.237	1.017	14.778
2/8/2018 15:30	63000	118.06	19.217	269.095	34200.18	38447.176	24.669	26.144	29.24	1.017	14.774
2/8/2018 15:45	63900	118.063	19.216	269.102	34209.625	38458.012	24.677	26.151	29.232	1.017	14.775
2/8/2018 16:00	64800	118.07	19.216	269.117	34201.637	38449.176	24.671	26.145	29.238	1.017	14.773
2/8/2018 16:15	65700	118.049	19.217	269.069	34215.063	38463.844	24.681	26.155	29.227	1.017	14.774
2/8/2018 16:30	66600	118.063	19.217	269.103	34202.254	38449.297	24.671	26.146	29.238	1.017	14.766
2/8/2018 16:45	67500	118.063	19.216	269.101	34210.625	38459.359	24.678	26.152	29.231	1.017	14.778
2/8/2018 17:00	68400	118.062	19.216	269.1	34215.453	38464.785	24.682	26.156	29.227	1.017	14.781
2/8/2018 17:15	69300	118.059	19.217	269.093	34219.301	38468.316	24.684	26.158	29.223	1.017	14.778
2/8/2018 17:30	70200	118.062	19.216	269.1	34219.121	38468.551	24.684	26.159	29.223	1.017	14.772
2/8/2018 17:45	71100	118.062	19.217	269.101	34201.406	38448.488	24.67	26.145	29.239	1.017	14.778
2/8/2018 18:00	72000	118.06	19.216	269.096	34208.348	38456.438	24.676	26.15	29.233	1.017	14.768
2/8/2018 18:15	72900	118.073	19.217	269.124	34210.559	38458.844	24.677	26.152	29.231	1.017	14.772
2/8/2018 18:30	73800	118									

2/9/2018 5:30	113400	118.118	19217	269.228	34215.168	38463.738	24.681	26.155	29.227	1.017	14.753
2/9/2018 5:45	114300	118.126	19217	269.246	34215.047	38463.535	24.681	26.155	29.227	1.017	14.752
2/9/2018 6:00	115200	118.126	19217	269.245	34223.281	38472.641	24.687	26.161	29.22	1.017	14.75
2/9/2018 6:15	116100	118.124	19217	269.241	34205.277	38452.621	24.673	26.148	29.235	1.017	14.752
2/9/2018 6:30	117000	118.131	19217	269.257	34228.848	38478.973	24.692	26.166	29.215	1.017	14.752
2/9/2018 6:45	117900	118.136	19216	269.269	34211.301	38460.099	24.678	26.153	29.23	1.017	14.748
2/9/2018 7:00	118800	118.138	19217	269.273	34222.087	38471.953	24.687	26.161	29.217	1.017	14.754
2/9/2018 7:15	119700	118.119	19217	269.231	34206.441	38453.93	24.674	26.149	29.234	1.017	14.76
2/9/2018 7:30	120600	118.127	19217	269.248	34198.258	38444.805	24.668	26.142	29.241	1.017	14.765
2/9/2018 7:45	121500	118.141	19217	269.281	34218.379	38467.277	24.683	26.158	29.224	1.017	14.765
2/9/2018 8:00	122400	118.136	19216	269.269	34227.813	38478.457	24.691	26.165	29.216	1.017	14.762
2/9/2018 8:15	123300	118.132	19217	269.26	34217.262	38466.779	24.683	26.157	29.225	1.017	14.771
2/9/2018 8:30	124200	118.136	19217	269.268	34199.727	38446	24.668	26.149	29.24	1.017	14.767
2/9/2018 8:45	125100	118.132	19216	269.26	34189.047	38435.023	24.661	26.136	29.249	1.017	14.767
2/9/2018 9:00	126000	118.122	19217	269.236	34191.691	38437.5	24.662	26.138	29.247	1.017	14.764
2/9/2018 9:15	126900	118.131	19216	269.256	34200.375	38448.117	24.67	26.145	29.239	1.017	14.762
2/9/2018 9:30	127800	118.111	19216	269.211	34215.855	38464.879	24.682	26.156	29.226	1.017	14.771
2/9/2018 9:45	128700	118.108	19217	269.205	34218.781	38468.086	24.684	26.158	29.224	1.017	14.768
2/9/2018 10:00	129600	118.114	19216	269.218	34208.523	38456.637	24.676	26.151	29.236	1.017	14.752
2/9/2018 10:15	130500	118.105	19217	269.197	34213.5	38462.086	24.68	26.154	29.228	1.017	14.764
2/9/2018 10:30	131400	118.092	19216	269.168	34213.637	38462.594	24.68	26.155	29.228	1.017	14.764
2/9/2018 10:45	132300	118.089	19216	269.162	34220.23	38469.797	24.685	26.159	29.222	1.017	14.767
2/9/2018 11:00	133200	118.079	19217	269.139	34208.715	38456.414	24.676	26.15	29.232	1.017	14.761
2/9/2018 11:15	134100	118.065	19217	269.107	34206.84	38454.664	24.675	26.149	29.234	1.017	14.763
2/9/2018 11:30	135000	118.067	19216	269.112	34208.879	38446.152	24.668	26.143	29.241	1.017	14.755
2/9/2018 11:45	135900	118.047	19216	269.065	34214.191	38463.289	24.681	26.155	29.228	1.017	14.758
2/9/2018 12:00	136800	118.047	19216	269.066	34223.488	38473.891	24.688	26.162	29.22	1.017	14.749
2/9/2018 12:15	137700	118.034	19216	269.036	34217.23	38466.492	24.683	26.157	29.225	1.017	14.748
2/9/2018 12:30	138600	118.028	19216	269.022	34204.613	38452.668	24.673	26.148	29.236	1.017	14.749
2/9/2018 12:45	139500	118.022	19217	269.009	34201.219	38447.84	24.67	26.145	29.239	1.017	14.743
2/9/2018 13:00	140400	118.02	19216	269.005	34204.625	38441.441	24.665	26.14	29.244	1.017	14.737
2/9/2018 13:15	141300	118.013	19216	268.988	34205.07	38452.824	24.673	26.148	29.235	1.017	14.734
2/9/2018 13:30	142200	118.01	19216	268.981	34198.547	38445.781	24.668	26.143	29.241	1.017	14.735
2/9/2018 13:45	143100	117.993	19216	268.942	34195.605	38442.605	24.666	26.141	29.244	1.017	14.731
2/9/2018 14:00	144000	117.987	19216	268.928	34218.945	38468.422	24.684	26.159	29.224	1.017	14.728
2/9/2018 14:15	144900	117.989	19216	268.934	34201.105	38449.086	24.671	26.145	29.239	1.017	14.724
2/9/2018 14:30	145800	117.991	19216	268.941	34212.342	38465.973	24.659	26.134	29.251	1.017	14.723
2/9/2018 14:45	146700	117.978	19216	268.908	34190.426	38436.5	24.652	26.137	29.248	1.017	14.727
2/9/2018 15:00	147600	117.976	19216	268.903	34181.801	38427.086	24.655	26.13	29.255	1.017	14.725
2/9/2018 15:15	148500	117.952	19217	268.849	34197.789	38444.203	24.667	26.142	29.242	1.017	14.73
2/9/2018 15:30	149400	117.969	19216	268.888	34218.879	38468.414	24.684	26.159	29.224	1.017	14.721
2/9/2018 15:45	150300	117.962	19216	268.871	34196.316	38443.273	24.666	26.141	29.243	1.017	14.721
2/9/2018 16:00	151200	117.955	19217	268.864	34189.555	38435.234	24.661	26.136	29.249	1.017	14.726
2/9/2018 16:15	152100	117.953	19216	268.85	34187.922	38433.613	24.66	26.135	29.25	1.017	14.72
2/9/2018 16:30	153000	117.95	19216	268.845	34216.711	38465.98	24.683	26.157	29.225	1.017	14.723
2/9/2018 16:45	153900	117.959	19216	268.866	34200.539	38447.66	24.67	26.144	29.239	1.017	14.715
2/9/2018 17:00	154800	117.961	19217	268.869	34212.422	38460.875	24.679	26.153	29.229	1.017	14.714
2/9/2018 17:15	155700	117.959	19216	268.865	34199.141	38446.578	24.669	26.144	29.241	1.017	14.715
2/9/2018 17:30	156600	117.956	19217	268.858	34224.043	38473.958	24.688	26.162	29.219	1.017	14.717
2/9/2018 17:45	157500	117.964	19216	268.874	34198.996	38459.996	24.668	26.143	29.241	1.017	14.712
2/9/2018 18:00	158400	117.958	19216	268.862	34216.992	38466.293	24.683	26.157	29.225	1.017	14.718
2/9/2018 18:15	159300	117.956	19216	268.858	34227.473	38478.148	24.691	26.165	29.216	1.017	14.723
2/9/2018 18:30	160200	117.958	19216	268.864	34203.574	38451.785	24.672	26.147	29.237	1.017	14.722
2/9/2018 18:45	161100	117.957	19216	268.862	34206.809	38454.707	24.675	26.149	29.234	1.017	14.725
2/9/2018 19:00	162000	117.961	19217	268.87	34211.52	38459.492	24.678	26.152	29.23	1.017	14.721
2/9/2018 19:15	162900	117.968	19217	268.885	34203.941	38450.973	24.672	26.147	29.236	1.017	14.723
2/9/2018 19:30	163800	117.972	19217	268.895	34203.313	38450.41	24.672	26.146	29.237	1.017	14.725
2/9/2018 19:45	164700	117.978	19216	268.909	34188.469	38434.09	24.66	26.135	29.25	1.017	14.724
2/9/2018 20:00	165600	117.99	19216	268.936	34230.582	38481.719	24.694	26.168	29.214	1.017	14.727
2/9/2018 20:15	166500	117.978	19216	268.908	34223.348	38473.301	24.688	26.162	29.22	1.017	14.728
2/9/2018 20:30	167400	117.989	19216	268.933	34209.777	38458.184	24.677	26.152	29.231	1.017	14.724
2/9/2018 20:45	168300	117.999	19216	268.956	34205.859	38454	24.674	26.149	29.235	1.017	14.749
2/9/2018 21:00	169200	117.99	19217	268.936	34226.496	38476.762	24.69	26.164	29.217	1.017	14.72
2/9/2018 21:15	170100	117.998	19216	268.954	34202.371	38449.859	24.671	26.146	29.238	1.017	14.72
2/9/2018 21:30	171000	117.994	19216	268.944	34228.422	38479.074	24.692	26.166	29.215	1.017	14.724
2/9/2018 21:45	171900	118.002	19217	268.963	34223.344	38473.215	24.688	26.162	29.22	1.017	14.717
2/9/2018 22:00	172800	117.997	19216	268.952	34210.648	38459.094	24.678	26.152	29.231	1.017	14.721
2/9/2018 22:15	173700	118.007	19217	268.96	34207.676	38455.96	24.675	26.15	29.233	1.017	14.723
2/9/2018 22:30	174600	118.002	19217	268.964	34208.785	38456.492	24.676	26.15	29.232	1.017	14.718
2/9/2018 22:45	175500	117.996	19217	268.949	34216.609	38465.645	24.682	26.157	29.226	1.017	14.726
2/9/2018 23:00	176400	117.996	19217	268.949	34226.508	38476.563	24.69	26.164	29.217	1.017	14.723
2/9/2018 23:15	177300	118.003	19217	268.965	34208.422	38456.012	24.675	26.15	29.233	1.017	14.719
2/9/2018 23:30	178200	117.994	19217	268.946	34193.355	38439.441	24.664	26.139	29.245	1.017	14.726
2/9/2018 23:45	179100	118.008	19217	268.977	34204.953	38452.543	24.673	26.148	29.236	1.017	14.748
2/10/2018 0:00	180000	118.004	19216	268.967	34211.379	38459.984	24.678	26.153	29.23	1.017	14.717
2/10/2018 0:15	180900	117.998	19216	268.953	34206.316	38454.586	24.674	26.149	29.234	1.017	14.721
2/10/2018 0:30	181800	118.016	19217	268.995	34212.449	38460.25	24.679	26.153	29.229	1.017	14.713
2/10/2018 0:45	182700	118.003	19217	268.966	34210.5	38458.715	24.677	26.152	29.231	1.017	14.719
2/10/2018 1:00	183600	118.004	19216	268.967	34207.555	38455.684	24.675	26.15	29.233	1.017	14.715
2/10/2018 1:15	184500	118.002	19216	268.962	34196.555	38443.362	24.666	26.142	29.243	1.017	14.721
2/10/2018 1:30	185400	118.003	19217	268.965	34208.984	38457.074	24.676	26.151	29.232	1.017	14.716
2/10/2018 1:45	186300	118.003	19217	268.965	34218.387	38467.578	24.684	26.158	29.224	1.017	14.719
2/10/2018 2:00	187200	118.017	19216	268.997	34215.391	38464.641	24.682	26.156	29.227	1.017	14.712

2/11/2018 10:15	303300	117.961	19216	268.87	34230.969	38481.867	24.694	26.168	29213	1.017	14.715
2/11/2018 10:30	304200	117.957	19216	268.861	34212.988	38461.938	24.688	26.154	29229	1.017	14.712
2/11/2018 10:45	305100	117.94	19216	268.821	34211.441	38460.199	24.678	26.153	29.23	1.017	14.717
2/11/2018 11:00	306000	117.945	19216	268.833	34224.609	38475.078	24.689	26.163	29.219	1.017	14.719
2/11/2018 11:15	306900	117.932	19216	268.803	34212.496	38461.461	24.679	26.154	29.229	1.017	14.72
2/11/2018 11:30	307800	117.935	19216	268.811	34214.41	38463.291	24.681	26.155	29.227	1.017	14.709
2/11/2018 11:45	308700	117.936	19216	268.791	34226.504	38477.059	24.69	26.149	29.217	1.017	14.711
2/11/2018 12:00	309600	117.905	19216	268.743	34218.914	38468.961	24.685	26.159	29.224	1.017	14.711
2/11/2018 12:15	310500	117.908	19217	268.748	34214.148	38462.594	24.68	26.155	29.228	1.017	14.704
2/11/2018 12:30	311400	117.898	19216	268.727	34227.918	38478.723	24.692	26.166	29.216	1.017	14.7
2/11/2018 12:45	312300	117.888	19216	268.703	34215.461	38464.504	24.681	26.156	29.227	1.017	14.695
2/11/2018 13:00	313200	117.877	19216	268.678	34233.892	38465.629	24.696	26.17	29.211	1.017	14.702
2/11/2018 13:15	314100	117.862	19216	268.645	34221.617	38471.563	24.686	26.161	29.221	1.017	14.695
2/11/2018 13:30	315000	117.87	19217	268.663	34214.512	38463.289	24.681	26.155	29.227	1.017	14.687
2/11/2018 13:45	315900	117.853	19216	268.623	34200.438	38448.039	24.67	26.145	29.239	1.017	14.674
2/11/2018 14:00	316800	117.862	19216	268.645	34215.574	38464.699	24.682	26.156	29.226	1.017	14.665
2/11/2018 14:15	317700	117.835	19216	268.582	34223.969	38474.207	24.688	26.162	29.219	1.017	14.665
2/11/2018 14:30	318600	117.834	19215	268.58	34229.816	38481.508	24.694	26.167	29.214	1.017	14.658
2/11/2018 14:45	319500	117.825	19216	268.567	34218.047	38467.864	24.684	26.158	29.224	1.017	14.656
2/11/2018 15:00	320400	117.815	19216	268.537	34224.641	38475.32	24.689	26.163	29.219	1.017	14.665
2/11/2018 15:15	321300	117.803	19217	268.51	34209.125	38457.23	24.676	26.151	29.232	1.017	14.669
2/11/2018 15:30	322200	117.798	19216	268.498	34191.938	38438.48	24.663	26.138	29.247	1.017	14.672
2/11/2018 15:45	323100	117.79	19216	268.48	34186.063	38431.668	24.658	26.134	29.252	1.017	14.662
2/11/2018 16:00	324000	117.787	19216	268.473	34210.887	38459.723	24.678	26.153	29.23	1.017	14.683
2/11/2018 16:15	324900	117.771	19216	268.437	34222.379	38472.352	24.687	26.161	29.221	1.017	14.661
2/11/2018 16:30	325800	117.763	19216	268.418	34203.605	38451.391	24.672	26.147	29.237	1.017	14.674
2/11/2018 16:45	326700	117.766	19216	268.425	34247.43	38501.02	24.707	26.181	29.199	1.017	14.671
2/11/2018 17:00	327600	117.76	19216	268.412	34209.094	38457.277	24.676	26.151	29.232	1.017	14.669
2/11/2018 17:15	328500	117.759	19216	268.409	34215.367	38464.82	24.682	26.156	29.227	1.017	14.669
2/11/2018 17:30	329400	117.783	19216	268.464	34216.57	38466.395	24.683	26.157	29.226	1.017	14.666
2/11/2018 17:45	330300	117.759	19216	268.408	34218.099	38463.359	24.684	26.158	29.224	1.017	14.667
2/11/2018 18:00	331200	117.758	19216	268.408	34238.25	38490.055	24.7	26.173	29.207	1.017	14.671
2/11/2018 18:15	332100	117.759	19216	268.409	34226.535	38477.168	24.69	26.164	29.217	1.017	14.667
2/11/2018 18:30	333000	117.764	19216	268.422	34234.219	38485.523	24.696	26.17	29.211	1.017	14.67
2/11/2018 18:45	333900	117.761	19216	268.415	34240.324	38492.523	24.701	26.175	29.205	1.017	14.669
2/11/2018 19:00	334800	117.753	19217	268.395	34236.402	38487.539	24.698	26.172	29.209	1.017	14.676
2/11/2018 19:15	335700	117.7615	19216	268.424	34245.016	38497.867	24.705	26.179	29.207	1.017	14.673
2/11/2018 19:30	336600	117.765	19217	268.422	34245.426	38498.039	24.705	26.179	29.201	1.017	14.676
2/11/2018 19:45	337500	117.778	19216	268.453	34215.172	38464.25	24.681	26.156	29.227	1.017	14.672
2/11/2018 20:00	338400	117.789	19217	268.477	34219.523	38468.281	24.684	26.158	29.223	1.017	14.67
2/11/2018 20:15	339300	117.781	19217	268.46	34226.121	38476.203	24.69	26.164	29.217	1.017	14.673
2/11/2018 20:30	340200	117.788	19216	268.474	34251.379	38504.813	24.71	26.183	29.196	1.017	14.679
2/11/2018 20:45	341100	117.788	19217	268.478	34229.719	38480.176	24.693	26.167	29.217	1.017	14.678
2/11/2018 21:00	342000	117.799	19217	268.5	34230.867	38481.539	24.694	26.167	29.213	1.017	14.672
2/11/2018 21:15	342900	117.81	19216	268.525	34227.801	38478.375	24.691	26.165	29.216	1.017	14.67
2/11/2018 21:30	343800	117.818	19216	268.543	34242.75	38495.184	24.703	26.177	29.203	1.017	14.676
2/11/2018 21:45	344700	117.816	19216	268.539	34229.902	38480.668	24.693	26.167	29.214	1.017	14.669
2/11/2018 22:00	345600	117.836	19216	268.584	34218.773	38468.297	24.684	26.158	29.224	1.017	14.666
2/11/2018 22:15	346500	117.829	19217	268.57	34232.117	38482.871	24.695	26.168	29.212	1.017	14.67
2/11/2018 22:30	347400	117.819	19216	268.546	34228.957	38479.816	24.692	26.166	29.215	1.017	14.678
2/11/2018 22:45	348300	117.844	19217	268.602	34222.902	38472.082	24.687	26.161	29.22	1.017	14.671
2/11/2018 23:00	349200	117.84	19217	268.594	34229.039	38479.332	24.692	26.166	29.215	1.017	14.672
2/11/2018 23:15	350100	117.843	19216	268.601	34243.285	38495.852	24.704	26.177	29.203	1.017	14.673
2/11/2018 23:30	351000	117.844	19216	268.602	34227.801	38478.875	24.692	26.166	29.216	1.017	14.677
2/11/2018 23:45	351900	117.852	19217	268.621	34211.289	38459.531	24.678	26.152	29.23	1.017	14.679
2/12/2018 0:00	352800	117.855	19217	268.628	34231.152	38481.996	24.694	26.168	29.213	1.017	14.686
2/12/2018 0:15	353700	117.85	19216	268.616	34235.996	38487.59	24.698	26.172	29.209	1.017	14.678
2/12/2018 0:30	354600	117.858	19217	268.634	34215.207	38463.934	24.681	26.155	29.227	1.017	14.677
2/12/2018 0:45	355500	117.857	19217	268.633	34230.367	38480.977	24.693	26.167	29.214	1.017	14.673
2/12/2018 1:00	356400	117.865	19217	268.651	34260.613	38515.051	24.717	26.19	29.188	1.017	14.673
2/12/2018 1:15	357300	117.858	19217	268.635	34244.008	38496.238	24.704	26.177	29.202	1.017	14.678
2/12/2018 1:30	358200	117.866	19216	268.653	34216.645	38455.653	24.682	26.157	29.227	1.017	14.671
2/12/2018 1:45	359100	117.868	19217	268.658	34254.461	38507.91	24.712	26.185	29.193	1.017	14.673
2/12/2018 2:00	360000	117.862	19216	268.643	34225.285	38475.617	24.689	26.163	29.218	1.017	14.687
2/12/2018 2:15	360900	117.862	19217	268.644	34236.098	38487.344	24.698	26.171	29.209	1.017	14.676
2/12/2018 2:30	361800	117.875	19216	268.674	34224.879	38475.023	24.689	26.163	29.219	1.017	14.675
2/12/2018 2:45	362700	117.874	19216	268.67	34241.953	38494.5	24.703	26.176	29.204	1.017	14.673
2/12/2018 3:00	363600	117.882	19217	268.646	34232.125	38492.879	24.695	26.168	29.215	1.017	14.678
2/12/2018 3:15	364500	117.873	19217	268.669	34231.375	38482.18	24.694	26.168	29.213	1.017	14.676
2/12/2018 3:30	365400	117.877	19217	268.677	34242.563	38494.613	24.703	26.176	29.203	1.017	14.672
2/12/2018 3:45	366300	117.878	19216	268.681	34231.035	38482.012	24.694	26.168	29.213	1.017	14.671
2/12/2018 4:00	367200	117.879	19217	268.682	34233.738	38484.691	24.696	26.17	29.211	1.017	14.671
2/12/2018 4:15	368100	117.879	19217	268.683	34218.18	38466.98	24.683	26.158	29.224	1.017	14.667
2/12/2018 4:30	369000	117.886	19216	268.698	34243.414	38495.984	24.704	26.177	29.204	1.017	14.679
2/12/2018 4:45	369900	117.896	19217	268.722	34258.16	38512.293	24.715	26.188	29.19	1.017	14.668
2/12/2018 5:00	370800	117.891	19217	268.709	34224.613	38474.645	24.689	26.163	29.219	1.017	14.667
2/12/2018 5:15	371700	117.899	19217	268.727	34236.234	38487.707	24.698	26.172	29.209	1.017	14.672
2/12/2018 5:30	372600	117.902	19217	268.735	34218.594	38467.59	24.684	26.158	29.224	1.017	14.669
2/12/2018 5:45	373500	117.923	19217	268.783	34232.141	38482.898	24.695	26.168	29.212	1.017	14.671
2/12/2018 6:00	374400	117.927	19217	268.77	34248.41	38501.527	24.708	26.181	29.198	1.017	14.672
2/12/2018 6:15	375300	117.928	19217	268.793	34240.105	38491.996	24.701	26.175	29.206	1.017	14.676
2/12/2018 6:30	376200	117.932	19217	268.803	34229.594	38479.887	24.692	26.166	29.214	1.017	14.672
2/12/2018 6:45	377100	117.942	19217	268.827							

2/13/2018 15:00	493200	117.845	19.216	268.606	34218.258	38467.719	24.684	26.158	29.224	1.017	14.784
2/13/2018 15:15	494100	117.838	19.216	268.589	34230.5	38481.551	24.694	26.167	29.214	1.017	14.785
2/13/2018 15:30	495000	117.832	19.216	268.575	34217.449	38467.031	24.683	26.158	29.225	1.017	14.788
2/13/2018 15:45	495900	117.811	19.217	268.527	34221.484	38471.063	24.686	26.16	29.221	1.017	14.79
2/13/2018 16:00	496800	117.806	19.216	268.516	34209.758	38458.668	24.677	26.152	29.231	1.017	14.789
2/13/2018 16:15	497700	117.802	19.216	268.507	34220.955	38480.91	24.693	26.167	29.214	1.017	14.793
2/13/2018 16:30	498600	117.784	19.216	268.465	34229.188	38480.297	24.693	26.167	29.215	1.017	14.79
2/13/2018 16:45	499500	117.773	19.216	268.442	34222.66	38473.316	24.688	26.162	29.22	1.017	14.794
2/13/2018 17:00	500400	117.766	19.216	268.424	34234.543	38486.094	24.697	26.171	29.21	1.017	14.792
2/13/2018 17:15	501300	117.749	19.216	268.387	34232.629	38483.805	24.695	26.169	29.212	1.017	14.797
2/13/2018 17:30	502200	117.746	19.215	268.38	34212.586	38462.203	24.68	26.154	29.229	1.017	14.795
2/13/2018 17:45	503100	117.738	19.216	268.362	34186.441	38461.841	24.658	26.134	29.251	1.017	14.797
2/13/2018 18:00	504000	117.732	19.216	268.348	34213.82	38462.66	24.68	26.155	29.228	1.017	14.803
2/13/2018 18:15	504900	117.741	19.216	268.367	34228.406	38479.418	24.692	26.166	29.215	1.017	14.795
2/13/2018 18:30	505800	117.734	19.216	268.351	34236.93	38488.777	24.699	26.172	29.208	1.017	14.801
2/13/2018 18:45	506700	117.736	19.217	268.357	34211.543	38459.949	24.678	26.153	29.23	1.017	14.795
2/13/2018 19:00	507600	117.724	19.216	268.33	34242.121	38494.613	24.703	26.176	29.204	1.017	14.807
2/13/2018 19:15	508500	117.721	19.216	268.322	34228.645	38479.539	24.692	26.166	29.215	1.017	14.806
2/13/2018 19:30	509400	117.719	19.216	268.302	34219.152	38469.078	24.685	26.159	29.223	1.017	14.806
2/13/2018 19:45	510300	117.721	19.216	268.322	34233.109	38484.414	24.696	26.169	29.211	1.017	14.809
2/13/2018 20:00	511200	117.72	19.216	268.32	34239.977	38492.133	24.701	26.175	29.206	1.017	14.811
2/13/2018 20:15	512100	117.728	19.216	268.338	34248.902	38502.098	24.708	26.181	29.198	1.017	14.81
2/13/2018 20:30	513000	117.721	19.216	268.323	34249.324	38502.996	24.709	26.182	29.198	1.017	14.815
2/13/2018 20:45	513900	117.732	19.217	268.348	34232.203	38483.043	24.695	26.168	29.212	1.017	14.813
2/13/2018 21:00	514800	117.736	19.217	268.357	34236.773	38487.738	24.698	26.172	29.208	1.017	14.811
2/13/2018 21:15	515700	117.736	19.217	268.357	34223.016	38472.207	24.687	26.161	29.22	1.017	14.816
2/13/2018 21:30	516600	117.737	19.216	268.36	34250.258	38503.762	24.709	26.183	29.197	1.017	14.816
2/13/2018 21:45	517500	117.737	19.217	268.36	34242.145	38494.285	24.703	26.176	29.204	1.017	14.82
2/13/2018 22:00	518400	117.749	19.217	268.387	34232.77	38483.457	24.695	26.169	29.212	1.017	14.819
2/13/2018 22:15	519300	117.758	19.217	268.407	34240.254	38492.227	24.701	26.175	29.205	1.017	14.819
2/13/2018 22:30	520200	117.756	19.216	268.406	34234.09	38474.203	24.688	26.163	29.219	1.017	14.815
2/13/2018 22:45	521100	117.758	19.217	268.406	34238.574	38489.832	24.7	26.173	29.207	1.017	14.825
2/13/2018 23:00	522000	117.762	19.217	268.415	34241.676	38493.469	24.702	26.176	29.204	1.017	14.822
2/13/2018 23:15	522900	117.762	19.217	268.416	34210.918	38459.184	24.678	26.152	29.23	1.017	14.826
2/13/2018 23:30	523800	117.763	19.217	268.419	34215.785	38464.719	24.682	26.156	29.226	1.017	14.828
2/13/2018 23:45	524700	117.768	19.216	268.43	34228.488	38479.289	24.692	26.166	29.215	1.017	14.82
2/14/2018 0:00	525600	117.773	19.217	268.441	34218.391	38467.219	24.683	26.158	29.224	1.017	14.824
2/14/2018 0:15	526500	117.774	19.216	268.442	34236.965	38488.891	24.699	26.172	29.208	1.017	14.821
2/14/2018 0:30	527400	117.762	19.217	268.416	34233.301	38483.98	24.695	26.169	29.211	1.017	14.823
2/14/2018 0:45	528300	117.779	19.216	268.454	34228.516	38479.395	24.692	26.166	29.215	1.017	14.818
2/14/2018 1:00	529200	117.773	19.217	268.442	34212.82	38460.879	24.679	26.153	29.229	1.017	14.822
2/14/2018 1:15	530100	117.772	19.217	268.438	34216.945	38465.668	24.682	26.157	29.225	1.017	14.824
2/14/2018 1:30	531000	117.764	19.217	268.466	34229.84	38479.878	24.692	26.165	29.214	1.017	14.819
2/14/2018 1:45	531900	117.768	19.216	268.43	34221.297	38471.426	24.686	26.161	29.222	1.017	14.826
2/14/2018 2:00	532800	117.779	19.216	268.454	34222.035	38471.965	24.687	26.161	29.221	1.017	14.822
2/14/2018 2:15	533700	117.773	19.217	268.44	34216.254	38465.113	24.682	26.156	29.226	1.017	14.816
2/14/2018 2:30	534600	117.778	19.217	268.452	34230.48	38480.883	24.693	26.167	29.214	1.017	14.813
2/14/2018 2:45	535500	117.779	19.216	268.454	34217.828	38467.527	24.684	26.158	29.225	1.017	14.803
2/14/2018 3:00	536400	117.773	19.217	268.451	34217.168	38466.141	24.683	26.157	29.225	1.017	14.805
2/14/2018 3:15	537300	117.769	19.217	268.432	34233.684	38484.84	24.696	26.17	29.211	1.017	14.804
2/14/2018 3:30	538200	117.77	19.216	268.434	34201.91	38449.633	24.671	26.146	29.238	1.017	14.804
2/14/2018 3:45	539100	117.764	19.217	268.42	34219.004	38467.699	24.684	26.158	29.224	1.017	14.806
2/14/2018 4:00	540000	117.765	19.216	268.423	34212.074	38460.766	24.679	26.153	29.229	1.017	14.802
2/14/2018 4:15	540900	117.769	19.217	268.431	34236.824	38488.016	24.698	26.172	29.208	1.017	14.803
2/14/2018 4:30	541800	117.77	19.216	268.434	34240.609	38493.137	24.702	26.175	29.205	1.017	14.798
2/14/2018 4:45	542700	117.791	19.217	268.482	34230.653	38491.145	24.693	26.167	29.214	1.017	14.794
2/14/2018 5:00	543600	117.781	19.216	268.459	34232.063	38483.457	24.695	26.169	29.212	1.017	14.797
2/14/2018 5:15	544500	117.764	19.216	268.42	34227.664	38478.645	24.692	26.165	29.216	1.017	14.8
2/14/2018 5:30	545400	117.774	19.217	268.442	34225.324	38475.156	24.689	26.163	29.218	1.017	14.8
2/14/2018 5:45	546300	117.759	19.217	268.408	34203.621	38451.043	24.672	26.147	29.237	1.017	14.808
2/14/2018 6:00	547200	117.78	19.216	268.456	34228.297	38479.293	24.692	26.166	29.216	1.017	14.803
2/14/2018 6:15	548100	117.757	19.216	268.405	34229.074	38479.805	24.692	26.166	29.215	1.017	14.806
2/14/2018 6:30	549000	117.79	19.217	268.48	34242.289	38494.156	24.703	26.176	29.204	1.017	14.799
2/14/2018 6:45	549900	117.791	19.217	268.481	34234.188	38485.344	24.696	26.17	29.211	1.017	14.804
2/14/2018 7:00	550800	117.788	19.217	268.476	34217.793	38466.691	24.683	26.157	29.225	1.017	14.807
2/14/2018 7:15	551700	117.791	19.217	268.482	34215.18	38463.465	24.681	26.155	29.227	1.017	14.813
2/14/2018 7:30	552600	117.792	19.217	268.483	34225.477	38475.328	24.689	26.163	29.218	1.017	14.815
2/14/2018 7:45	553500	117.796	19.216	268.494	34219.313	38469.04	24.685	26.159	29.223	1.017	14.816
2/14/2018 8:00	554400	117.807	19.216	268.518	34225.156	38475.695	24.689	26.163	29.218	1.017	14.813
2/14/2018 8:15	555300	117.819	19.217	268.545	34232.766	38483.598	24.695	26.169	29.212	1.017	14.814
2/14/2018 8:30	556200	117.819	19.217	268.545	34223.871	38473.234	24.688	26.162	29.219	1.017	14.816
2/14/2018 8:45	557100	117.819	19.217	268.546	34236.996	38488.207	24.698	26.172	29.208	1.017	14.817
2/14/2018 9:00	558000	117.823	19.217	268.554	34228.359	38478.281	24.691	26.165	29.216	1.017	14.823
2/14/2018 9:15	558900	117.823	19.217	268.574	34224.27	38473.969	24.688	26.162	29.219	1.017	14.823
2/14/2018 9:30	559800	117.841	19.217	268.597	34233.07	38484.016	24.695	26.169	29.212	1.017	14.817
2/14/2018 9:45	560700	117.843	19.216	268.6	34238.926	38490.883	24.7	26.174	29.207	1.017	14.822
2/14/2018 10:00	561600	117.841	19.217	268.595	34234.434	38485.398	24.696	26.17	29.21	1.017	14.823
2/14/2018 10:15	562500	117.85	19.217	268.616	34234.992	38486.102	24.697	26.171	29.21	1.017	14.825
2/14/2018 10:30	563400	117.852	19.217	268.621	34232.484	38482.988	24.695	26.168	29.212	1.017	14.83
2/14/2018 10:45	564300	117.863	19.217	268.647	34231.867	38482.447	24.694	26.168	29.213	1.017	14.828
2/14/2018 11:00	565200	117.858	19.217	268.634	34240.816	38492.723	24.702	26.175	29.205	1.017	14.826
2/14/2018 11:15	566100	117.849	19.217	268.614	34243.844	38496.199	24.704	26.177	29.202	1.017	14.826

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	
	2/8/2018	0:00:00	0	137.626	21.5	5687
	2/8/2018	0:15:00	0	137.588	21.5	5598.2
	2/8/2018	0:30:00	0	137.631	21.5	5674.2
	2/8/2018	0:45:00	0	137.674	21.5	5691.3
	2/8/2018	1:00:00	0	137.657	21.5	5826.1
	2/8/2018	1:15:00	0	137.625	21.5	5759.8
	2/8/2018	1:30:00	0	137.607	21.5	5620.7
	2/8/2018	1:45:00	0	137.606	21.5	5666.7
	2/8/2018	2:00:00	0	137.608	21.5	5809
	2/8/2018	2:15:00	0	137.609	21.5	5821.9
	2/8/2018	2:30:00	0	137.673	21.5	5612.1
	2/8/2018	2:45:00	0	137.655	21.5	5637.8
	2/8/2018	3:00:00	0	137.638	21.5	5719.1
	2/8/2018	3:15:00	0	137.643	21.5	5648.5
	2/8/2018	3:30:00	0	137.646	21.5	5612.1
	2/8/2018	3:45:00	0	137.666	21.5	5688.1
	2/8/2018	4:00:00	0	137.696	21.5	5571.5
	2/8/2018	4:15:00	0	137.679	21.5	5560.8
	2/8/2018	4:30:00	0	137.673	21.5	5398.1
	2/8/2018	4:45:00	0	137.692	21.5	5552.2
	2/8/2018	5:00:00	0	137.695	21.5	5534
	2/8/2018	5:15:00	0	137.677	21.5	5644.3
	2/8/2018	5:30:00	0	137.714	21.5	5476.3
	2/8/2018	5:45:00	0	137.676	21.5	5574.7
	2/8/2018	6:00:00	0	137.675	21.5	5503
	2/8/2018	6:15:00	0	137.693	21.5	5497.7
	2/8/2018	6:30:00	0	137.693	21.5	5357.5
	2/8/2018	6:45:00	0	137.69	21.5	5354.3
	2/8/2018	7:00:00	0	137.708	21.5	5516.9
	2/8/2018	7:15:00	0	137.701	21.5	5327.5
	2/8/2018	7:30:00	0	137.735	21.5	5376.8
	2/8/2018	7:45:00	0	137.713	21.4	5300
	2/8/2018	8:00:00	0	137.691	21.5	5277.2
	2/8/2018	8:15:00	0	137.725	21.5	5327.5
	2/8/2018	8:30:00	0	137.723	21.5	5280.5
	2/8/2018	8:45:00	0	137.717	21.5	5265.5
	2/8/2018	9:00:00	0	137.676	21.5	5283.7
	2/8/2018	9:15:00	0	137.677	21.5	5290.1
	2/8/2018	9:30:00	0	137.717	21.4	5304.3
	2/8/2018	9:45:00	0	137.661	21.5	5384.2
	2/8/2018	10:00:00	0	137.647	21.5	5336.1
	2/8/2018	10:15:00	0	137.707	21.5	5396
	2/8/2018	10:30:00	0	137.67	21.5	5375.7
	2/8/2018	10:45:00	0	137.694	21.5	5359.6
	2/8/2018	11:00:00	0	137.663	21.5	5380
	2/8/2018	11:15:00	0	137.672	21.5	5412.1
	2/8/2018	11:30:00	0	137.641	21.5	5461.3
	2/8/2018	11:45:00	0	137.634	21.5	5515.9
	2/8/2018	12:00:00	0	137.63	21.5	5481.6
	2/8/2018	12:15:00	0	137.685	21.5	5490.2
	2/8/2018	12:30:00	0	137.62	21.5	5536.2
	2/8/2018	12:45:00	0	137.631	21.5	5576.8
	2/8/2018	13:00:00	0	137.643	21.5	5540.5
	2/8/2018	13:15:00	0	137.63	21.5	5605.7
	2/8/2018	13:30:00	0	137.615	21.5	5615.4
	2/8/2018	13:45:00	0	137.639	21.5	5683.8
	2/8/2018	14:00:00	0	137.603	21.5	5671
	2/8/2018	14:15:00	0	137.587	21.5	5655
	2/8/2018	14:30:00	0	137.602	21.5	5711.7
	2/8/2018	14:45:00	0	137.638	21.5	5718.1
	2/8/2018	15:00:00	0	137.599	21.5	5724.5
	2/8/2018	15:15:00	0	137.58	21.5	5728.8
	2/8/2018	15:30:00	0	137.564	21.5	5744.8
	2/8/2018	15:45:00	0	137.588	21.5	5804.8
	2/8/2018	16:00:00	0	137.547	21.5	5854
	2/8/2018	16:15:00	0	137.556	21.5	5812.2
	2/8/2018	16:30:00	0	137.595	21.5	5774.8
	2/8/2018	16:45:00	0	137.529	21.5	5760.9
	2/8/2018	17:00:00	0	137.566	21.5	5776.9
	2/8/2018	17:15:00	0	137.57	21.5	5781.2
	2/8/2018	17:30:00	0	137.572	21.5	5850.8
	2/8/2018	17:45:00	0	137.537	21.5	5769.4
	2/8/2018	18:00:00	0	137.556	21.5	5736.3
	2/8/2018	18:15:00	0	137.534	21.5	5778
	2/8/2018	18:30:00	0	137.537	21.5	5745.9
	2/8/2018	18:45:00	0	137.539	21.5	5796.2
	2/8/2018	19:00:00	0	137.559	21.5	5715.9
	2/8/2018	19:15:00	0	137.541	21.5	5711.7
	2/8/2018	19:30:00	0	137.579	21.5	5711.7
	2/8/2018	19:45:00	0	137.561	21.5	5724.5

2/8/2018	20:00:00	0	137.598	21.5	5741.6
2/8/2018	20:15:00	0	137.574	21.5	5682.8
2/8/2018	20:30:00	0	137.511	21.5	5671
2/8/2018	20:45:00	0	137.57	21.5	5660.3
2/8/2018	21:00:00	0	137.549	21.5	5655
2/8/2018	21:15:00	0	137.509	21.5	5640
2/8/2018	21:30:00	0	137.545	21.5	5635.7
2/8/2018	21:45:00	0	137.562	21.5	5679.6
2/8/2018	22:00:00	0	137.558	21.5	5611.1
2/8/2018	22:15:00	0	137.596	21.5	5673.1
2/8/2018	22:30:00	0	137.556	21.5	5666.7
2/8/2018	22:45:00	0	137.559	21.5	5680.6
2/8/2018	23:00:00	0	137.581	21.5	5646.4
2/8/2018	23:15:00	0	137.539	21.5	5605.7
2/8/2018	23:30:00	0	137.56	21.5	5650.7
2/8/2018	23:45:00	0	137.545	21.5	5643.2
2/9/2018	0:00:00	0	137.587	21.5	5637.8
2/9/2018	0:15:00	0	137.531	21.5	5714.9
2/9/2018	0:30:00	0	137.591	21.5	5574.7
2/9/2018	0:45:00	0	137.576	21.5	5719.1
2/9/2018	1:00:00	0	137.565	21.5	5632.5
2/9/2018	1:15:00	0	137.587	21.5	5638.9
2/9/2018	1:30:00	0	137.609	21.5	5628.2
2/9/2018	1:45:00	0	137.608	21.5	5650.7
2/9/2018	2:00:00	0	137.61	21.5	5674.2
2/9/2018	2:15:00	0	137.652	21.5	5625
2/9/2018	2:30:00	0	137.595	21.5	5657.1
2/9/2018	2:45:00	0	137.618	21.5	5695.6
2/9/2018	3:00:00	0	137.58	21.5	5644.3
2/9/2018	3:15:00	0	137.582	21.5	5650.7
2/9/2018	3:30:00	0	137.627	21.5	5570.4
2/9/2018	3:45:00	0	137.616	21.5	5594
2/9/2018	4:00:00	0	137.62	21.5	5621.8
2/9/2018	4:15:00	0	137.619	21.5	5575.8
2/9/2018	4:30:00	0	137.642	21.5	5538.3
2/9/2018	4:45:00	0	137.665	21.5	5490.2
2/9/2018	5:00:00	0	137.647	21.5	5576.8
2/9/2018	5:15:00	0	137.625	21.5	5494.5
2/9/2018	5:30:00	0	137.649	21.5	5558.6
2/9/2018	5:45:00	0	137.648	21.5	5454.9
2/9/2018	6:00:00	0	137.675	21.5	5429.2
2/9/2018	6:15:00	0	137.694	21.5	5438.8
2/9/2018	6:30:00	0	137.649	21.5	5441
2/9/2018	6:45:00	0	137.684	21.5	5431.3
2/9/2018	7:00:00	0	137.655	21.5	5361.8
2/9/2018	7:15:00	0	137.69	21.5	5340.4
2/9/2018	7:30:00	0	137.641	21.5	5384.2
2/9/2018	7:45:00	0	137.653	21.5	5331.8
2/9/2018	8:00:00	0	137.649	21.5	5309.3
2/9/2018	8:15:00	0	137.667	21.5	5270.8
2/9/2018	8:30:00	0	137.646	21.5	5301.9
2/9/2018	8:45:00	0	137.665	21.5	5248.4
2/9/2018	9:00:00	0	137.664	21.5	5291.1
2/9/2018	9:15:00	0	137.624	21.5	5262.3
2/9/2018	9:30:00	0	137.665	21.5	5311.5
2/9/2018	9:45:00	0	137.648	21.5	5261.2
2/9/2018	10:00:00	0	137.634	21.5	5321.1
2/9/2018	10:15:00	0	137.673	21.5	5301.9
2/9/2018	10:30:00	0	137.654	21.5	5307.2
2/9/2018	10:45:00	0	137.653	21.5	5352.1
2/9/2018	11:00:00	0	137.641	21.5	5371.4
2/9/2018	11:15:00	0	137.65	21.5	5392.8
2/9/2018	11:30:00	0	137.638	21.5	5400.3
2/9/2018	11:45:00	0	137.65	21.5	5466.6
2/9/2018	12:00:00	0	137.642	21.5	5451.6
2/9/2018	12:15:00	0	137.593	21.4	5498.3
2/9/2018	12:30:00	0	137.614	21.4	5519.7
2/9/2018	12:45:00	0	137.62	21.4	5618.4
2/9/2018	13:00:00	0	137.604	21.4	5605.5
2/9/2018	13:15:00	0	137.591	21.4	5601.2
2/9/2018	13:30:00	0	137.581	21.4	5648.4
2/9/2018	13:45:00	0	137.582	21.4	5658
2/9/2018	14:00:00	0	137.563	21.4	5724.5
2/9/2018	14:15:00	0	137.565	21.4	5693.4
2/9/2018	14:30:00	0	137.565	21.4	5691.2
2/9/2018	14:45:00	0	137.547	21.5	5696.7
2/9/2018	15:00:00	0	137.562	21.4	5823.1
2/9/2018	15:15:00	0	137.527	21.5	5834.7
2/9/2018	15:30:00	0	137.55	21.4	5869.2
2/9/2018	15:45:00	0	137.498	21.4	5806
2/9/2018	16:00:00	0	137.48	21.4	5843.5
2/9/2018	16:15:00	0	137.523	21.4	5861.7
2/9/2018	16:30:00	0	137.525	21.4	5837
2/9/2018	16:45:00	0	137.487	21.5	5834.7
2/9/2018	17:00:00	0	137.488	21.5	5872.2
2/9/2018	17:15:00	0	137.507	21.5	5950.3
2/9/2018	17:30:00	0	137.465	21.5	5848.6
2/9/2018	17:45:00	0	137.487	21.5	5877.5
2/9/2018	18:00:00	0	137.481	21.5	5862.5
2/9/2018	18:15:00	0	137.48	21.5	5964.2
2/9/2018	18:30:00	0	137.477	21.5	5875.4
2/9/2018	18:45:00	0	137.48	21.5	5840.1
2/9/2018	19:00:00	0	137.499	21.5	5888.2
2/9/2018	19:15:00	0	137.478	21.5	5832.6
2/9/2018	19:30:00	0	137.478	21.5	5849.7
2/9/2018	19:45:00	0	137.514	21.5	5812.2

2/9/2018	20:00:00	0	137.513	21.5	5787.6
2/9/2018	20:15:00	0	137.49	21.5	5764.1
2/9/2018	20:30:00	0	137.492	21.5	5758.7
2/9/2018	20:45:00	0	137.481	21.5	5781.2
2/9/2018	21:00:00	0	137.48	21.5	5705.2
2/9/2018	21:15:00	0	137.501	21.5	5752.3
2/9/2018	21:30:00	0	137.486	21.5	5720.2
2/9/2018	21:45:00	0	137.485	21.5	5709.5
2/9/2018	22:00:00	0	137.504	21.5	5692.4
2/9/2018	22:15:00	0	137.503	21.5	5682.8
2/9/2018	22:30:00	0	137.501	21.5	5713.8
2/9/2018	22:45:00	0	137.485	21.5	5655
2/9/2018	23:00:00	0	137.487	21.5	5709.5
2/9/2018	23:15:00	0	137.508	21.5	5699.9
2/9/2018	23:30:00	0	137.505	21.5	5634.6
2/9/2018	23:45:00	0	137.528	21.5	5684.9
2/10/2018	0:00:00	0	137.507	21.4	5666.6
2/10/2018	0:15:00	0	137.518	21.5	5658.2
2/10/2018	0:30:00	0	137.493	21.5	5638.9
2/10/2018	0:45:00	0	137.535	21.5	5642.1
2/10/2018	1:00:00	0	137.54	21.4	5679.5
2/10/2018	1:15:00	0	137.522	21.5	5682.8
2/10/2018	1:30:00	0	137.558	21.5	5647.5
2/10/2018	1:45:00	0	137.52	21.5	5613.2
2/10/2018	2:00:00	0	137.521	21.5	5695.6
2/10/2018	2:15:00	0	137.54	21.5	5611.1
2/10/2018	2:30:00	0	137.559	21.5	5660.3
2/10/2018	2:45:00	0	137.541	21.5	5689.2
2/10/2018	3:00:00	0	137.528	21.5	5647.5
2/10/2018	3:15:00	0	137.554	21.4	5681.6
2/10/2018	3:30:00	0	137.537	21.4	5644.1
2/10/2018	3:45:00	0	137.55	21.4	5621.6
2/10/2018	4:00:00	0	137.553	21.4	5662.3
2/10/2018	4:15:00	0	137.539	21.5	5579
2/10/2018	4:30:00	0	137.562	21.4	5666.6
2/10/2018	4:45:00	0	137.547	21.5	5664.6
2/10/2018	5:00:00	0	137.605	21.5	5528.7
2/10/2018	5:15:00	0	137.601	21.5	5549
2/10/2018	5:30:00	0	137.596	21.4	5549.7
2/10/2018	5:45:00	0	137.597	21.5	5579
2/10/2018	6:00:00	0	137.591	21.4	5501.5
2/10/2018	6:15:00	0	137.604	21.4	5522.9
2/10/2018	6:30:00	0	137.602	21.4	5481.1
2/10/2018	6:45:00	0	137.598	21.4	5475.8
2/10/2018	7:00:00	0	137.634	21.4	5483.3
2/10/2018	7:15:00	0	137.604	21.5	5422.8
2/10/2018	7:30:00	0	137.598	21.4	5371.8
2/10/2018	7:45:00	0	137.642	21.4	5390
2/10/2018	8:00:00	0	137.599	21.4	5408.2
2/10/2018	8:15:00	0	137.619	21.4	5341.8
2/10/2018	8:30:00	0	137.573	21.4	5335.3
2/10/2018	8:45:00	0	137.589	21.4	5307.5
2/10/2018	9:00:00	0	137.648	21.4	5308.5
2/10/2018	9:15:00	0	137.601	21.4	5312.8
2/10/2018	9:30:00	0	137.603	21.4	5322.5
2/10/2018	9:45:00	0	137.567	21.4	5295.7
2/10/2018	10:00:00	0	137.611	21.4	5283.9
2/10/2018	10:15:00	0	137.596	21.4	5294.6
2/10/2018	10:30:00	0	137.577	21.4	5280.7
2/10/2018	10:45:00	0	137.586	21.4	5301
2/10/2018	11:00:00	0	137.608	21.4	5301
2/10/2018	11:15:00	0	137.593	21.4	5297.8
2/10/2018	11:30:00	0	137.577	21.4	5360
2/10/2018	11:45:00	0	137.566	21.4	5346.1
2/10/2018	12:00:00	0	137.569	21.4	5360
2/10/2018	12:15:00	0	137.56	21.4	5387.9
2/10/2018	12:30:00	0	137.55	21.4	5416.8
2/10/2018	12:45:00	0	137.564	21.4	5422.2
2/10/2018	13:00:00	0	137.553	21.4	5518.7
2/10/2018	13:15:00	0	137.523	21.4	5482.2
2/10/2018	13:30:00	0	137.506	21.4	5548.7
2/10/2018	13:45:00	0	137.506	21.4	5605.5
2/10/2018	14:00:00	0	137.528	21.4	5599.1
2/10/2018	14:15:00	0	137.457	21.4	5632.3
2/10/2018	14:30:00	0	137.516	21.4	5662.3
2/10/2018	14:45:00	0	137.479	21.4	5720.2
2/10/2018	15:00:00	0	137.461	21.4	5762
2/10/2018	15:15:00	0	137.464	21.4	5775.9
2/10/2018	15:30:00	0	137.464	21.4	5767.4
2/10/2018	15:45:00	0	137.466	21.4	5890.6
2/10/2018	16:00:00	0	137.448	21.4	5833.8
2/10/2018	16:15:00	0	137.412	21.4	5872.4
2/10/2018	16:30:00	0	137.429	21.4	5881
2/10/2018	16:45:00	0	137.426	21.4	5894.9
2/10/2018	17:00:00	0	137.426	21.4	5894.9
2/10/2018	17:15:00	0	137.409	21.4	5909.9
2/10/2018	17:30:00	0	137.424	21.4	5900.3
2/10/2018	17:45:00	0	137.434	21.4	5941
2/10/2018	18:00:00	0	137.4	21.4	5940
2/10/2018	18:15:00	0	137.42	21.4	6000
2/10/2018	18:30:00	0	137.4	21.4	6011.8
2/10/2018	18:45:00	0	137.394	21.4	5962.5
2/10/2018	19:00:00	0	137.417	21.4	5942.1
2/10/2018	19:15:00	0	137.391	21.4	5926
2/10/2018	19:30:00	0	137.388	21.4	5972.1
2/10/2018	19:45:00	0	137.369	21.4	5959.2

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2/10/2018	20:15:00	0	137.401	21.4	5921.7
2/10/2018	20:30:00	0	137.4	21.4	5872.4
2/10/2018	20:45:00	0	137.357	21.4	5839.2
2/10/2018	21:00:00	0	137.417	21.4	5931.4
2/10/2018	21:15:00	0	137.393	21.4	5816.7
2/10/2018	21:30:00	0	137.389	21.4	5779.2
2/10/2018	21:45:00	0	137.412	21.4	5787.7
2/10/2018	22:00:00	0	137.367	21.4	5758.8
2/10/2018	22:15:00	0	137.401	21.4	5742.7
2/10/2018	22:30:00	0	137.364	21.4	5743.8
2/10/2018	22:45:00	0	137.375	21.4	5755.6
2/10/2018	23:00:00	0	137.397	21.4	5693.4
2/10/2018	23:15:00	0	137.373	21.4	5697.7
2/10/2018	23:30:00	0	137.409	21.4	5721.3
2/10/2018	23:45:00	0	137.405	21.4	5639.8
2/11/2018	0:00:00	0	137.421	21.4	5681.6
2/11/2018	0:15:00	0	137.402	21.4	5650.5
2/11/2018	0:30:00	0	137.438	21.4	5690.2
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2/11/2018	2:00:00	0	137.406	21.4	5668.7
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2/11/2018	2:30:00	0	137.414	21.4	5742.7
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2/11/2018	4:00:00	0	137.448	21.4	5665.5
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2/11/2018	4:45:00	0	137.459	21.4	5639.8
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2/11/2018	5:15:00	0	137.46	21.4	5673
2/11/2018	5:30:00	0	137.464	21.4	5635.5
2/11/2018	5:45:00	0	137.454	21.4	5648.4
2/11/2018	6:00:00	0	137.454	21.4	5693.4
2/11/2018	6:15:00	0	137.437	21.4	5601.2
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2/11/2018	6:45:00	0	137.436	21.4	5590.5
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2/11/2018	7:30:00	0	137.447	21.4	5482.2
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2/11/2018	8:15:00	0	137.465	21.4	5480.1
2/11/2018	8:30:00	0	137.465	21.4	5459.7
2/11/2018	8:45:00	0	137.49	21.4	5454.3
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2/11/2018	9:15:00	0	137.446	21.4	5416.8
2/11/2018	9:30:00	0	137.482	21.4	5394.3
2/11/2018	9:45:00	0	137.482	21.4	5381.4
2/11/2018	10:00:00	0	137.445	21.4	5409.3
2/11/2018	10:15:00	0	137.471	21.4	5337.5
2/11/2018	10:30:00	0	137.45	21.4	5357.9
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2/11/2018	11:00:00	0	137.451	21.4	5339.6
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2/11/2018	12:15:00	0	137.404	21.4	5362.1
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2/11/2018	13:00:00	0	137.427	21.4	5491.9
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2/11/2018	13:30:00	0	137.396	21.4	5535.8
2/11/2018	13:45:00	0	137.373	21.4	5557.2
2/11/2018	14:00:00	0	137.38	21.4	5593.7
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2/11/2018	14:30:00	0	137.371	21.4	5673
2/11/2018	14:45:00	0	137.383	21.4	5681.6
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2/11/2018	15:15:00	0	137.384	21.4	5851
2/11/2018	15:30:00	0	137.322	21.4	5736.3
2/11/2018	15:45:00	0	137.358	21.4	5798.4
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2/11/2018	16:30:00	0	137.316	21.4	5821
2/11/2018	16:45:00	0	137.333	21.4	5857.4
2/11/2018	17:00:00	0	137.334	21.4	5928.2
2/11/2018	17:15:00	0	137.294	21.4	5919.6
2/11/2018	17:30:00	0	137.328	21.4	5946.4
2/11/2018	17:45:00	0	137.313	21.4	5989.3
2/11/2018	18:00:00	0	137.316	21.4	5963.5
2/11/2018	18:15:00	0	137.315	21.4	6019.3
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2/11/2018	18:45:00	0	137.287	21.4	5957.1
2/11/2018	19:00:00	0	137.32	21.4	6064.3
2/11/2018	19:15:00	0	137.311	21.4	6000
2/11/2018	19:30:00	0	137.293	21.4	5949.6
2/11/2018	19:45:00	0	137.318	21.4	5922.8

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2/11/2018	20:15:00	0	137.337	21.4	5930.3
2/11/2018	20:30:00	0	137.282	21.4	5892.8
2/11/2018	20:45:00	0	137.306	21.4	5860.6
2/11/2018	21:00:00	0	137.36	21.4	5935.7
2/11/2018	21:15:00	0	137.307	21.4	5922.8
2/11/2018	21:30:00	0	137.31	21.4	5842.4
2/11/2018	21:45:00	0	137.311	21.4	5945.3
2/11/2018	22:00:00	0	137.344	21.4	5753.4
2/11/2018	22:15:00	0	137.317	21.4	5792
2/11/2018	22:30:00	0	137.326	21.4	5854.2
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2/12/2018	0:30:00	0	137.357	21.4	5675.2
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2/12/2018	1:00:00	0	137.378	21.4	5638.7
2/12/2018	1:15:00	0	137.372	21.4	5728.8
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2/12/2018	2:15:00	0	137.416	21.4	5702
2/12/2018	2:30:00	0	137.357	21.4	5628
2/12/2018	2:45:00	0	137.419	21.4	5668.7
2/12/2018	3:00:00	0	137.38	21.4	5665.5
2/12/2018	3:15:00	0	137.424	21.4	5656.9
2/12/2018	3:30:00	0	137.431	21.4	5640.9
2/12/2018	3:45:00	0	137.417	21.4	5728.8
2/12/2018	4:00:00	0	137.445	21.4	5680.5
2/12/2018	4:15:00	0	137.44	21.4	5691.2
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2/12/2018	4:45:00	0	137.42	21.4	5607.6
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2/12/2018	6:15:00	0	137.507	21.4	5611.9
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2/12/2018	6:45:00	0	137.504	21.4	5607.6
2/12/2018	7:00:00	0	137.523	21.4	5621.6
2/12/2018	7:15:00	0	137.541	21.4	5526.2
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2/12/2018	7:45:00	0	137.536	21.4	5483.3
2/12/2018	8:00:00	0	137.518	21.4	5549.7
2/12/2018	8:15:00	0	137.492	21.4	5473.6
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2/12/2018	9:00:00	0	137.545	21.4	5400.7
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2/12/2018	9:30:00	0	137.555	21.4	5390
2/12/2018	9:45:00	0	137.557	21.4	5341.8
2/12/2018	10:00:00	0	137.553	21.4	5341.8
2/12/2018	10:15:00	0	137.531	21.4	5313.9
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2/12/2018	11:30:00	0	137.538	21.4	5276.4
2/12/2018	11:45:00	0	137.559	21.4	5293.5
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2/12/2018	12:45:00	0	137.516	21.4	5307.5
2/12/2018	13:00:00	0	137.542	21.4	5339.6
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2/12/2018	13:45:00	0	137.514	21.4	5541.2
2/12/2018	14:00:00	0	137.538	21.4	5489.7
2/12/2018	14:15:00	0	137.519	21.4	5416.8
2/12/2018	14:30:00	0	137.522	21.4	5444.7
2/12/2018	14:45:00	0	137.499	21.4	5534.7
2/12/2018	15:00:00	0	137.516	21.4	5544.4
2/12/2018	15:15:00	0	137.514	21.4	5713.8
2/12/2018	15:30:00	0	137.472	21.4	5625.9
2/12/2018	15:45:00	0	137.469	21.4	5743.8
2/12/2018	16:00:00	0	137.49	21.4	5766.3
2/12/2018	16:15:00	0	137.489	21.4	5773.8
2/12/2018	16:30:00	0	137.485	21.4	5812.4
2/12/2018	16:45:00	0	137.464	21.4	5935.7
2/12/2018	17:00:00	0	137.44	21.4	5891.7
2/12/2018	17:15:00	0	137.48	21.4	5972.1
2/12/2018	17:30:00	0	137.455	21.4	5983.9
2/12/2018	17:45:00	0	137.471	21.4	5936.7
2/12/2018	18:00:00	0	137.447	21.4	5899.2
2/12/2018	18:15:00	0	137.441	21.4	5945.3
2/12/2018	18:30:00	0	137.434	21.4	5985
2/12/2018	18:45:00	0	137.409	21.4	6050.4
2/12/2018	19:00:00	0	137.424	21.4	6026.8
2/12/2018	19:15:00	0	137.437	21.4	6017.1
2/12/2018	19:30:00	0	137.391	21.4	6140.4
2/12/2018	19:45:00	0	137.446	21.4	6050.4

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2/12/2018	20:30:00	0	137.411	21.4	5958.2
2/12/2018	20:45:00	0	137.43	21.4	6077.2
2/12/2018	21:00:00	0	137.444	21.4	5989.3
2/12/2018	21:15:00	0	137.419	21.4	5990.3
2/12/2018	21:30:00	0	137.438	21.4	5971
2/12/2018	21:45:00	0	137.455	21.4	5945.3
2/12/2018	22:00:00	0	137.475	21.4	5901.4
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2/12/2018	22:30:00	0	137.454	21.4	5883.1
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2/12/2018	23:00:00	0	137.448	21.4	5856.3
2/12/2018	23:15:00	0	137.464	21.4	5942.1
2/12/2018	23:30:00	0	137.445	21.4	5749.1
2/12/2018	23:45:00	0	137.465	21.4	5812.4
2/13/2018	0:00:00	0	137.44	21.4	5832.8
2/13/2018	0:15:00	0	137.476	21.4	5752.4
2/13/2018	0:30:00	0	137.469	21.4	5828.5
2/13/2018	0:45:00	0	137.464	21.4	5683.7
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2/13/2018	1:15:00	0	137.477	21.4	5715.9
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2/13/2018	2:00:00	0	137.469	21.4	5695.5
2/13/2018	2:15:00	0	137.463	21.4	5800.6
2/13/2018	2:30:00	0	137.466	21.4	5749.1
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2/13/2018	3:00:00	0	137.492	21.4	5757.7
2/13/2018	3:15:00	0	137.474	21.4	5736.3
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2/13/2018	4:00:00	0	137.482	21.4	5802.7
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2/13/2018	6:30:00	0	137.535	21.4	5662.3
2/13/2018	6:45:00	0	137.49	21.4	5753.4
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2/13/2018	7:15:00	0	137.489	21.4	5733.1
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2/13/2018	7:45:00	0	137.513	21.4	5666.6
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2/13/2018	10:30:00	0	137.49	21.4	5509
2/13/2018	10:45:00	0	137.492	21.4	5489.7
2/13/2018	11:00:00	0	137.472	21.4	5475.8
2/13/2018	11:15:00	0	137.458	21.4	5437.2
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2/13/2018	13:15:00	0	137.445	21.4	5408.2
2/13/2018	13:30:00	0	137.45	21.4	5457.6
2/13/2018	13:45:00	0	137.454	21.4	5441.5
2/13/2018	14:00:00	0	137.436	21.4	5516.5
2/13/2018	14:15:00	0	137.414	21.4	5527.2
2/13/2018	14:30:00	0	137.394	21.4	5616.2
2/13/2018	14:45:00	0	137.409	21.4	5622.6
2/13/2018	15:00:00	0	137.39	21.4	5640.9
2/13/2018	15:15:00	0	137.326	21.4	5666.6
2/13/2018	15:30:00	0	137.34	21.4	5695.5
2/13/2018	15:45:00	0	137.335	21.4	5749.1
2/13/2018	16:00:00	0	137.333	21.4	5830.6
2/13/2018	16:15:00	0	137.328	21.4	5868.1
2/13/2018	16:30:00	0	137.312	21.4	5819.9
2/13/2018	16:45:00	0	137.294	21.4	5948.5
2/13/2018	17:00:00	0	137.314	21.4	5988.2
2/13/2018	17:15:00	0	137.273	21.4	6024.6
2/13/2018	17:30:00	0	137.252	21.4	6012.8
2/13/2018	17:45:00	0	137.248	21.4	6046.1
2/13/2018	18:00:00	0	137.206	21.4	6070.7
2/13/2018	18:15:00	0	137.223	21.4	6034.3
2/13/2018	18:30:00	0	137.24	21.4	6124.3
2/13/2018	18:45:00	0	137.215	21.4	6119
2/13/2018	19:00:00	0	137.234	21.4	6109.3
2/13/2018	19:15:00	0	137.232	21.4	6072.9
2/13/2018	19:30:00	0	137.207	21.4	6166.1
2/13/2018	19:45:00	0	137.161	21.4	6174.7

2/13/2018	20:00:00	0	137.177	21.4	6101.8
2/13/2018	20:15:00	0	137.194	21.4	6137.2
2/13/2018	20:30:00	0	137.155	21.4	6122.2
2/13/2018	20:45:00	0	137.233	21.4	6043.9
2/13/2018	21:00:00	0	137.167	21.4	6180.1
2/13/2018	21:15:00	0	137.171	21.4	6100.8
2/13/2018	21:30:00	0	137.19	21.4	6100.8
2/13/2018	21:45:00	0	137.169	21.4	6075
2/13/2018	22:00:00	0	137.206	21.4	6022.5
2/13/2018	22:15:00	0	137.187	21.4	5961.4
2/13/2018	22:30:00	0	137.186	21.4	6124.3
2/13/2018	22:45:00	0	137.181	21.4	6004.3
2/13/2018	23:00:00	0	137.18	21.4	5873.5
2/13/2018	23:15:00	0	137.176	21.4	5972.1
2/13/2018	23:30:00	0	137.177	21.4	5866
2/13/2018	23:45:00	0	137.176	21.4	5798.4
2/14/2018	0:00:00	0	137.162	21.4	5937.8
2/14/2018	0:15:00	0	137.178	21.4	5849.9
2/14/2018	0:30:00	0	137.202	21.4	5936.7
2/14/2018	0:45:00	0	137.163	21.4	5845.6
2/14/2018	1:00:00	0	137.2	21.4	5736.3
2/14/2018	1:15:00	0	137.201	21.4	5886.4
2/14/2018	1:30:00	0	137.222	21.4	5758.8
2/14/2018	1:45:00	0	137.201	21.4	5718
2/14/2018	2:00:00	0	137.187	21.4	5773.8
2/14/2018	2:15:00	0	137.213	21.4	5797.4
2/14/2018	2:30:00	0	137.223	21.4	5810.2
2/14/2018	2:45:00	0	137.228	21.4	5729.8
2/14/2018	3:00:00	0	137.217	21.4	5751.3
2/14/2018	3:15:00	0	137.22	21.4	5749.1
2/14/2018	3:30:00	0	137.179	21.4	5818.8
2/14/2018	3:45:00	0	137.225	21.4	5785.6
2/14/2018	4:00:00	0	137.208	21.4	5793.1
2/14/2018	4:15:00	0	137.211	21.4	5808.1
2/14/2018	4:30:00	0	137.236	21.4	5797.4
2/14/2018	4:45:00	0	137.238	21.4	5733.1
2/14/2018	5:00:00	0	137.2	21.4	5818.8
2/14/2018	5:15:00	0	137.232	21.4	5891.7
2/14/2018	5:30:00	0	137.21	21.4	5800.6
2/14/2018	5:45:00	0	137.248	21.4	5832.8
2/14/2018	6:00:00	0	137.249	21.4	5896
2/14/2018	6:15:00	0	137.266	21.4	5802.7
2/14/2018	6:30:00	0	137.263	21.4	5722.3
2/14/2018	6:45:00	0	137.262	21.4	5841.3
2/14/2018	7:00:00	0	137.261	21.4	5860.6
2/14/2018	7:15:00	0	137.218	21.4	5734.1
2/14/2018	7:30:00	0	137.273	21.4	5707.3
2/14/2018	7:45:00	0	137.302	21.4	5735.2
2/14/2018	8:00:00	0	137.269	21.4	5668.7
2/14/2018	8:15:00	0	137.242	21.4	5628
2/14/2018	8:30:00	0	137.24	21.4	5668.7
2/14/2018	8:45:00	0	137.269	21.4	5665.5
2/14/2018	9:00:00	0	137.266	21.4	5650.5
2/14/2018	9:15:00	0	137.264	21.4	5635.5
2/14/2018	9:30:00	0	137.3	21.4	5636.6
2/14/2018	9:45:00	0	137.257	21.4	5598
2/14/2018	10:00:00	0	137.277	21.4	5482.2
2/14/2018	10:15:00	0	137.249	21.4	5542.2
2/14/2018	10:30:00	0	137.252	21.4	5517.6
2/14/2018	10:45:00	0	137.269	21.4	5490.8
2/14/2018	11:00:00	0	137.299	21.4	5483.3
2/14/2018	11:15:00	0	137.297	21.4	5392.2
2/14/2018	11:30:00	0	137.322	21.4	5421.1
2/14/2018	11:45:00	0	137.271	21.4	5504.7
2/14/2018	12:00:00	0	137.304	21.4	5489.7
2/14/2018	12:15:00	0	137.288	21.4	5390
2/14/2018	12:30:00	0	137.29	21.4	5472.6
2/14/2018	12:45:00	0	137.235	21.4	5428.6
2/14/2018	13:00:00	0	137.285	21.4	5406.1
2/14/2018	13:15:00	0	137.23	21.4	5428.6
2/14/2018	13:30:00	0	137.273	21.4	5505.8
2/14/2018	13:45:00	0	137.269	21.4	5482.2
2/14/2018	14:00:00	0	137.253	21.4	5481.1
2/14/2018	14:15:00	0	137.259	21.4	5501.5
2/14/2018	14:30:00	0	137.263	21.4	5595.8
2/14/2018	14:45:00	0	137.225	21.4	5518.7
2/14/2018	15:00:00	0	137.205	21.4	5590.5
2/14/2018	15:15:00	0	137.23	21.4	5607.6
2/14/2018	15:30:00	0	137.198	21.4	5591.6
2/14/2018	15:45:00	0	137.201	21.4	5726.6
2/14/2018	16:00:00	0	137.182	21.4	5679.5
2/14/2018	16:15:00	0	137.182	21.4	5736.3
2/14/2018	16:30:00	0	137.161	21.4	5766.3
2/14/2018	16:45:00	0	137.141	21.4	5881
2/14/2018	17:00:00	0	137.164	21.4	5833.8
2/14/2018	17:15:00	0	137.144	21.4	5899.2
2/14/2018	17:30:00	0	137.145	21.4	5878.8
2/14/2018	17:45:00	0	137.125	21.4	6052.5
2/14/2018	18:00:00	0	137.101	21.4	5998.9
2/14/2018	18:15:00	0	137.124	21.4	5979.6
2/14/2018	18:30:00	0	137.137	21.4	5963.5
2/14/2018	18:45:00	0	137.11	21.4	5973.2
2/14/2018	19:00:00	0	137.109	21.5	5948.1
2/14/2018	19:15:00	0	137.145	21.5	6072.3
2/14/2018	19:30:00	0	137.101	21.5	6013.4
2/14/2018	19:45:00	0	137.13	21.5	6093.6

2/14/2018	20:00:00	0	137.109	21.5	6072.3
2/14/2018	20:15:00	0	137.104	21.5	6011.3
2/14/2018	20:30:00	0	137.116	21.5	6107.6
2/14/2018	20:45:00	0	137.125	21.5	5977
2/14/2018	21:00:00	0	137.096	21.5	6036.9
2/14/2018	21:15:00	0	137.117	21.5	6143.9
2/14/2018	21:30:00	0	137.109	21.5	6013.4
2/14/2018	21:45:00	0	137.098	21.5	5997.4
2/14/2018	22:00:00	0	137.114	21.5	6015.5
2/14/2018	22:15:00	0	137.113	21.5	5972.7
2/14/2018	22:30:00	0	137.114	21.5	5925.7
2/14/2018	22:45:00	0	137.133	21.5	5934.2
2/14/2018	23:00:00	0	137.099	21.5	6008
2/14/2018	23:15:00	0	137.143	21.5	5828.3
2/14/2018	23:30:00	0	137.103	21.5	5910.7
2/14/2018	23:45:00	0	137.103	21.5	5830.4

Report Date: 2/16/2018 10:43
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_2018-02-15_08-21-41-682-BaroMerge.wsl
Create Date 2/16/2018 10:40

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 84
Used Battery 37

Log Configuration
Log Name MPWSP MW-75 LT Test
Created By AVanHaitsma
Computer Name TABLET001
Application WinSitu.exe
Application Version 5.6.27.1
Create Date 11/9/2017 10:14:09 AM Pacific Standard Time
Log Setup Time Zone Pacific Standard Time
Notes Size(bytes) 4096
Overwrite when full Enabled
Scheduled Start Time 11/9/2017 10:15:00 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 1.012
Specific Gravity

Other Log Settings
Depth of Probe: 63.1959 (ft)
Head Pressure: 27.7259 (PSI)
Temperature: 17.7262 (C)
Specific Conductivity Model: Standard Methods
Reference Temperature: 25
Temperature Coefficient: 0.0191
TDS Factor: 0.68

Log Notes:
Date and Time Note
11/9/2017 10:13 Used Battery: 37% Used Memory: 87% User Name: AVanHaitsma
11/9/2017 10:17 Log Download - Used Battery: 37% Used Memory: 87% User Name: AVanHaitsma Interval - Start Time: 11/9/2017 10:15:00 AM Stop Time: 11/9/2017 11:15:00 AM
11/16/2017 10:00 Log Download - Used Battery: 37% Used Memory: 87% User Name: WMassoll Interval - Start Time: 11/9/2017 10:15:00 AM Stop Time: 11/16/2017 10:45:00 AM
11/23/2017 12:13 Log Download - Used Battery: 38% Used Memory: 89% User Name: AVanHaitsma Interval - Start Time: 11/15/2017 10:00:00 PM Stop Time: 11/23/2017 12:45:00 PM
12/1/2017 10:59 Log Download - Used Battery: 38% Used Memory: 89% User Name: AVanHaitsma Interval - Start Time: 10/31/2017 10:00:00 PM Stop Time: 12/1/2017 11:45:00 AM
12/7/2017 9:57 Log Download - Used Battery: 38% Used Memory: 90% User Name: WMassoll Interval - Start Time: 11/29/2017 10:00:00 PM Stop Time: 12/7/2017 11:45:00 AM
12/14/2017 10:59 Log Download - Used Battery: 39% Used Memory: 90% User Name: WMassoll Interval - Start Time: 12/6/2017 10:00:00 PM Stop Time: 12/14/2017 10:30:00 AM
12/21/2017 8:34 Log Download - Used Battery: 39% Used Memory: 92% User Name: AVanHaitsma Interval - Start Time: 12/13/2017 10:00:00 PM Stop Time: 12/21/2017 9:30:00 AM
1/4/2018 12:48 Log Download - Used Battery: 40% Used Memory: 93% User Name: WMassoll Interval - Start Time: 1/30/2017 10:00:00 PM Stop Time: 1/4/2018 12:45:00 PM
1/11/2018 8:14 Log Download - Used Battery: 40% Used Memory: 93% User Name: AVanHaitsma Interval - Start Time: 1/3/2018 10:00:00 PM Stop Time: 1/11/2018 10:00:00 AM
1/18/2018 9:45 Log Download - Used Battery: 41% Used Memory: 95% User Name: WMassoll Interval - Start Time: 1/10/2018 10:00:00 PM Stop Time: 1/18/2018 10:45:00 AM
1/26/2018 9:58 Log Download - Used Battery: 41% Used Memory: 95% User Name: WMassoll Interval - Start Time: 1/17/2018 10:00:00 PM Stop Time: 1/26/2018 9:45:00 AM
2/1/2018 15:39 Log Download - Used Battery: 41% Used Memory: 96% User Name: WMassoll Interval - Start Time: 12/31/2017 10:00:00 PM Stop Time: 2/1/2018 4:30:00 PM
2/8/2018 7:44 Log Download - Used Battery: 42% Used Memory: 96% User Name: AVanHaitsma Interval - Start Time: 1/31/2018 10:00:00 PM Stop Time: 2/8/2018 8:30:00 AM
2/15/2018 8:19 Log Download - Used Battery: 42% Used Memory: 98% User Name: AVanHaitsma Interval - Start Time: 2/7/2018 10:00:00 PM Stop Time: 2/15/2018 9:15:00 AM
2/16/2018 10:40 User Note: "Pressure & Level adjusted by baro data from: "MPWSP Barotroll_2018-02-15_16-52-45-921.wsl""

Log Data:
Record Count 714
Sensors 2
1 427086 PCTD 30 PSIA (10.9m/35.8ft)
2 0 Baro-Adjustment Calc

Time Zone: Pacific Standard Time

Date and Time	Elapsed Time Seconds	Sensor: PCTD(A) 35.8ft SNR: 427086		Sensor: PCTD(A) 35.8ft SNR: 427086		Sensor: PCTD(A) 35.8ft SNR: 427086		Sensor: PCTD(A) 35.8ft SNR: 427086		Sensor: PCTD(A) 35.8ft SNR: 427086		Sensor: PCTD(A) 35.8ft SNR: 427086		Sensor: PCTD(A) 35.8ft SNR: 427086		Sensor: PCTD(A) 35.8ft SNR: 427086		Sensor: PCTD(A) 35.8ft SNR: 427086		Sensor: PCTD(A) 35.8ft SNR: 427086		Sensor: PCTD(A) 35.8ft SNR: 427086		Sensor: PCTD(A) 35.8ft SNR: 427086		Sensor: PCTD(A) 35.8ft SNR: 427086		Sensor: PCTD(A) 35.8ft SNR: 427086		Sensor: PCTD(A) 35.8ft SNR: 427086		Sensor: PCTD(A) 35.8ft SNR: 427086		Sensor: PCTD(A) 35.8ft SNR: 427086		Sensor: PCTD(A) 35.8ft SNR: 427086		Sensor: PCTD(A) 35.8ft SNR: 427086		Sensor: PCTD(A) 35.8ft SNR: 427086		Sensor: PCTD(A) 35.8ft SNR: 427086		Sensor: PCTD(A) 35.8ft SNR: 427086		Sensor: PCTD(A) 35.8ft SNR: 427086		Sensor: PCTD(A) 35.8ft SNR: 427086		Sensor: PCTD(A) 35.8ft SNR: 427086		Sensor: PCTD(A) 35.8ft SNR: 427086		Sensor: PCTD(A) 35.8ft SNR: 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427086		Sensor: PCTD(A) 35.8ft SNR: 427086		Sensor: PCTD(A) 35.8ft SNR: 427086		Sensor: PCTD(A) 35.8ft SNR: 427086		Sensor: PCTD(A) 35.8ft SNR: 427086		Sensor: PCTD(A) 35.8ft SNR: 427086		Sensor: PCTD(A) 35.8ft SNR: 427086		Sensor: PCTD(A) 35.8ft SNR: 427086		Sensor: PCTD(A) 35.8ft SNR: 427086		Sensor: PCTD(A) 35.8ft SNR: 427086		Sensor: PCTD(A) 35.8ft SNR: 427086		Sensor: PCTD(A) 35.8ft SNR: 427086		Sensor: PCTD(A) 35.8ft SNR: 427086		Sensor: PCTD(A) 35.8ft SNR: 427086		Sensor: PCTD(A) 35.8ft SNR: 427086		Sensor: PCTD(A) 35.8ft SNR: 427086		Sensor: PCTD(A) 35.8ft SNR: 427086		Sensor: PCTD(A) 35.8ft SNR: 427086		Sensor: PCTD(A) 35.8ft SNR: 427086		Sensor: PCTD(A) 35.8ft SNR: 427086		Sensor: PCTD(A) 35.8ft SNR: 427086		Sensor: PCTD(A) 35.8ft SNR: 427086		Sensor: PCTD(A) 35.8ft SNR: 427086		Sensor: PCTD(A) 35.8ft SNR: 427086		Sensor: PCTD(A) 35.8ft SNR: 427086		Sensor: PCTD(A) 35.8ft SNR: 427086		Sensor: PCTD(A) 35.8ft SNR: 427086		Sensor: PCTD(A) 35.8ft SNR: 427086		Sensor: PCTD(A) 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PCTD(A) 35.8ft SNR: 427086		Sensor: PCTD(A) 35.8ft SNR: 427086		Sensor: PCTD(A) 35.8ft SNR: 427086		Sensor: PCTD(A) 35.8ft SNR: 427086		Sensor: PCTD(A) 35.8ft SNR: 427086		Sensor: PCTD(A) 35.8ft SNR: 427086		Sensor: PCTD(A) 35.8ft SNR: 427086		Sensor: PCTD(A) 35.8ft SNR: 427086		Sensor: PCTD(A) 35.8ft SNR: 427086		Sensor: PCTD(A) 35.8ft SNR: 427086		Sensor: PCTD(A) 35.8ft SNR: 427086		Sensor: PCTD(A) 35.8ft SNR: 427086		Sensor: PCTD(A) 35.8ft SNR: 427086		Sensor: PCTD(A) 35.8ft SNR: 427086		Sensor: PCTD(A) 35.8ft SNR: 427086		Sensor: PCTD(A) 35.8ft SNR: 427086		Sensor: PCTD(A) 35.8ft SNR: 427086		Sensor: PCTD(A) 35.8ft SNR: 427086		Sensor: PCTD(A) 35.8ft SNR: 427086		Sensor: PCTD(A) 35.8ft SNR: 427086		Sensor: PCTD(A) 35.8ft SNR: 427086		Sensor: PCTD(A) 35.8ft SNR: 427086		Sensor: PCTD(A) 35.8ft SNR: 427086		Sensor: PCTD(A) 35.8ft SNR: 427086		Sensor: PCTD(A) 35.8ft SNR: 427086		Sensor: PCTD(A) 35.8ft SNR: 427086		Sensor: PCTD(A) 35.8ft SNR: 427086		Sensor: PCTD(A) 35.8ft SNR: 427086		Sensor: PCTD(A) 35.8ft SNR: 427086		Sensor: PCTD(A) 35.8ft SNR: 427086		Sensor: PCTD(A) 35.8ft SNR: 427086		Sensor: PCTD(A) 35.8ft SNR: 427086		Sensor: PCTD(A) 35.8ft SNR: 427086		Sensor: PCTD(A) 35.8ft SNR: 427086		Sensor: PCTD(A) 35.8ft SNR: 427086		Sensor: PCTD(A) 35.8ft SNR: 427086		Sensor: PCTD(A) 35.8ft SNR: 427086		Sensor: PCTD(A) 35.8ft SNR: 427086		Sensor: PCTD(A) 35.8ft SNR: 427086		Sensor: PCTD(A) 35.8ft SNR: 427086		Sensor: PCTD(A) 35.8ft SNR: 427086		Sensor: PCTD(A) 35.8ft SNR: 427086		Sensor	
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2/9/2018 5:45	114300	13.058	17.697	29.764	1289.149	1498.117	0.76	1.019	775.706	0.999	14.752
2/9/2018 6:00	115200	13.06	17.697	29.767	1287.493	1496.187	0.759	1.017	776.703	0.999	14.75
2/9/2018 6:15	116100	13.057	17.697	29.76	1286.307	1494.818	0.758	1.016	777.419	0.999	14.752
2/9/2018 6:30	117000	13.055	17.697	29.757	1288.443	1497.288	0.76	1.018	776.131	0.999	14.752
2/9/2018 6:45	117900	13.055	17.697	29.756	1287.771	1496.519	0.759	1.018	776.336	0.999	14.748
2/9/2018 7:00	118800	13.05	17.697	29.744	1288.207	1497.031	0.76	1.018	776.273	0.999	14.754
2/9/2018 7:15	119700	13.047	17.697	29.739	1288.426	1497.386	0.76	1.016	776.141	0.999	14.76
2/9/2018 7:30	120600	13.044	17.697	29.731	1288.285	1497.127	0.76	1.018	776.226	0.999	14.765
2/9/2018 7:45	121500	13.045	17.697	29.733	1285.687	1494.094	0.758	1.016	777.794	0.999	14.765
2/9/2018 8:00	122400	13.047	17.697	29.739	1283.46	1491.503	0.757	1.014	779.144	0.999	14.762
2/9/2018 8:15	123300	13.038	17.697	29.716	1285.05	1493.36	0.758	1.015	778.18	0.999	14.771
2/9/2018 8:30	124200	13.039	17.697	29.719	1285.279	1493.62	0.758	1.016	778.041	0.999	14.767
2/9/2018 8:45	125100	13.046	17.697	29.735	1282.212	1490.056	0.756	1.013	779.802	0.999	14.767
2/9/2018 9:00	126000	13.049	17.697	29.742	1284.494	1492.705	0.757	1.015	778.517	0.999	14.764
2/9/2018 9:15	126900	13.049	17.697	29.743	1284.921	1493.207	0.758	1.015	778.258	0.999	14.762
2/9/2018 9:30	127800	13.038	17.697	29.716	1285.265	1493.606	0.758	1.016	778.05	0.999	14.771
2/9/2018 9:45	128700	13.045	17.697	29.734	1285.894	1494.331	0.758	1.016	777.669	0.999	14.768
2/9/2018 10:00	129600	13.05	17.697	29.744	1286.519	1495.058	0.759	1.017	777.291	0.999	14.762
2/9/2018 10:15	130500	13.05	17.697	29.745	1286.548	1495.118	0.759	1.017	777.261	0.999	14.764
2/9/2018 10:30	131400	13.048	17.697	29.74	1285.033	1493.326	0.758	1.015	778.19	0.999	14.764
2/9/2018 10:45	132300	13.045	17.696	29.734	1283.203	1491.224	0.756	1.014	779.3	0.999	14.767
2/9/2018 11:00	133200	13.047	17.697	29.737	1283.87	1491.989	0.757	1.015	778.895	0.999	14.761
2/9/2018 11:15	134100	13.05	17.697	29.746	1284.483	1492.692	0.757	1.015	778.523	0.999	14.763
2/9/2018 11:30	135000	13.057	17.697	29.76	1284.287	1492.455	0.757	1.015	778.642	0.999	14.755
2/9/2018 11:45	135900	13.054	17.697	29.753	1284.212	1492.377	0.757	1.015	778.688	0.999	14.758
2/9/2018 12:00	136800	13.06	17.697	29.768	1284.487	1492.703	0.757	1.015	778.521	0.999	14.759
2/9/2018 12:15	137700	13.056	17.697	29.758	1283.767	1491.878	0.757	1.014	778.957	0.999	14.748
2/9/2018 12:30	138600	13.059	17.697	29.766	1284.19	1492.36	0.757	1.015	778.701	0.999	14.749
2/9/2018 12:45	139500	13.059	17.697	29.765	1283.855	1491.968	0.757	1.015	778.904	0.999	14.743
2/9/2018 13:00	140400	13.067	17.697	29.783	1283.218	1491.222	0.756	1.014	779.291	0.999	14.737
2/9/2018 13:15	141300	13.064	17.697	29.777	1282.959	1490.955	0.756	1.014	779.432	0.999	14.734
2/9/2018 13:30	142200	13.062	17.697	29.772	1282.6	1490.516	0.756	1.014	779.666	0.999	14.735
2/9/2018 13:45	143100	13.064	17.697	29.776	1282.579	1490.485	0.756	1.014	779.679	0.999	14.731
2/9/2018 14:00	144000	13.066	17.697	29.782	1284.713	1492.968	0.757	1.015	778.384	0.999	14.728
2/9/2018 14:15	144900	13.073	17.697	29.796	1285.483	1493.845	0.758	1.016	777.918	0.999	14.724
2/9/2018 14:30	145800	13.071	17.697	29.792	1284.008	1492.14	0.757	1.015	778.811	0.999	14.723
2/9/2018 14:45	146700	13.065	17.697	29.779	1284.826	1493.105	0.757	1.015	778.314	0.999	14.721
2/9/2018 15:00	147600	13.066	17.697	29.782	1282.089	1489.925	0.756	1.015	779.977	0.999	14.725
2/9/2018 15:15	148500	13.061	17.697	29.77	1280.652	1488.238	0.755	1.012	780.852	0.999	14.73
2/9/2018 15:30	149400	13.066	17.697	29.782	1281.006	1488.651	0.755	1.012	780.636	0.999	14.721
2/9/2018 15:45	150300	13.066	17.697	29.782	1280.503	1488.072	0.755	1.012	780.943	0.999	14.721
2/9/2018 16:00	151200	13.066	17.697	29.781	1281.055	1488.709	0.755	1.012	780.607	0.999	14.721
2/9/2018 16:15	152100	13.065	17.697	29.779	1280.249	1487.819	0.755	1.013	779.819	0.999	14.72
2/9/2018 16:30	153000	13.059	17.697	29.765	1280.411	1487.963	0.755	1.012	780.995	0.999	14.723
2/9/2018 16:45	153900	13.063	17.697	29.774	1283.061	1491.046	0.756	1.014	779.386	0.999	14.715
2/9/2018 17:00	154800	13.066	17.697	29.782	1281.423	1489.139	0.755	1.013	780.383	0.999	14.714
2/9/2018 17:15	155700	13.065	17.697	29.78	1281.992	1489.8	0.756	1.013	780.036	0.999	14.715
2/9/2018 17:30	156600	13.063	17.697	29.775	1282.279	1490.134	0.756	1.013	779.861	0.999	14.717
2/9/2018 17:45	157500	13.067	17.697	29.784	1282.215	1490.882	0.756	1.014	779.475	0.999	14.715
2/9/2018 18:00	158400	13.058	17.697	29.764	1282.837	1490.794	0.756	1.014	779.522	0.999	14.718
2/9/2018 18:15	159300	13.054	17.697	29.755	1282.567	1490.471	0.756	1.014	779.687	0.999	14.723
2/9/2018 18:30	160200	13.055	17.697	29.756	1280.967	1488.612	0.755	1.012	780.66	0.999	14.722
2/9/2018 18:45	161100	13.047	17.696	29.738	1280.844	1488.487	0.755	1.012	780.735	0.999	14.725
2/9/2018 19:00	162000	13.057	17.697	29.76	1280.356	1487.899	0.755	1.012	781.033	0.999	14.721
2/9/2018 19:15	162900	13.048	17.697	29.741	1280.957	1488.603	0.755	1.012	780.666	0.999	14.723
2/9/2018 19:30	163800	13.051	17.697	29.748	1281.962	1489.169	0.756	1.013	780.054	0.999	14.725
2/9/2018 19:45	164700	13.052	17.697	29.749	1281.497	1489.228	0.755	1.013	780.337	0.999	14.724
2/9/2018 20:00	165600	13.047	17.697	29.739	1282.801	1490.746	0.756	1.014	779.544	0.999	14.727
2/9/2018 20:15	166500	13.048	17.697	29.741	1282.176	1490.011	0.756	1.013	779.924	0.999	14.728
2/9/2018 20:30	167400	13.047	17.697	29.738	1280.503	1488.07	0.755	1.012	780.943	0.999	14.728
2/9/2018 20:45	168300	13.049	17.697	29.743	1282.405	1490.28	0.756	1.013	779.785	0.999	14.723
2/9/2018 21:00	169200	13.056	17.697	29.759	1282.258	1490.115	0.756	1.013	779.874	0.999	14.72
2/9/2018 21:15	170100	13.058	17.697	29.762	1282.78	1490.707	0.756	1.014	779.557	0.999	14.722
2/9/2018 21:30	171000	13.054	17.697	29.754	1285.388	1493.741	0.758	1.016	777.975	0.999	14.724
2/9/2018 21:45	171900	13.06	17.697	29.769	1283.412	1491.45	0.757	1.014	779.173	0.999	14.717
2/9/2018 22:00	172800	13.055	17.697	29.756	1284.083	1492.233	0.757	1.015	778.766	0.999	14.721
2/9/2018 22:15	173700	13.053	17.697	29.753	1285.251	1493.585	0.758	1.016	778.058	0.999	14.722
2/9/2018 22:30	174600	13.054	17.697	29.753	1285.659	1494.055	0.758	1.016	777.811	0.999	14.725
2/9/2018 22:45	175500	13.05	17.697	29.746	1282.797	1490.738	0.756	1.014	779.547	0.999	14.726
2/9/2018 23:00	176400	13.049	17.697	29.743	1282.979	1490.956	0.756	1.014	779.436	0.999	14.723
2/9/2018 23:15	177300	13.057	17.697	29.76	1283.441	1491.473	0.757	1.014	779.155	0.999	14.719
2/9/2018 23:30	178200	13.048	17.697	29.741	1283.562	1491.622	0.757	1.014	779.082	0.999	14.726
2/9/2018 23:45	179100	13.047	17.697	29.737	1282.937	1490.913	0.756	1.014	779.461	0.999	14.722
2/10/2018 0:00	180000	13.058	17.697	29.725	1282.61	1490.332	0.756	1.014	779.66	0.999	14.721
2/10/2018 0:15	180900	13.054	17.697	29.755	1281.479	1489.207	0.755	1.013	780.349	0.999	14.721
2/10/2018 0:30	181800	13.06	17.697	29.768	1282.899	1490.863	0.756	1.014	779.485	0.999	14.713
2/10/2018 0:45	182700	13.054	17.697	29.754	1283.294	1491.319	0.757	1.014	779.245	0.999	14.719
2/10/2018 1:00	183600	13.053	17.697	29.752	1284.795	1493.057	0.757	1.015	778.334	0.999	14.715
2/10/2018 1:15	184500	13.052	17.697	29.749	1283.378	1491.423	0.757	1.014	779.193	0.999	14.721
2/10/2018 1:30	185400	13.057	17.697	29.762	1284.518	1492.732	0.757	1.015	778.502	0.999	14.716
2/10/2018 1:45	186300	13.053	17.697	29.753	1282.927	1490.887	0.756	1.014	779.468	0.999	14.719
2/10/2018 2:00	187200	13.06	17.696	29.767	1281.578	1489.336	0.755	1.013	780.288	0.999	14.712
2/10/2018 2:15	188100	13.063	17.697	29.776	1282.551	1490.464	0.756	1.014	779.696	0.999	14.708
2/10/2018 2:30	189000	13.059	17.697	29.765	1281.483	1489.217	0.755	1.013	780.346	0.999	14.713
2/10/2018 2:45	189900	13.064	17.697	29.776	1282.638	1490.554	0.756	1.014	779.643	0.999	14.707
2/10/2018 3:											

2/11/2018 10:30	304200	13.053	17.697	29.752	1280.303	1487.832	0.755	1.012	781.065	0.999	14.712
2/11/2018 10:45	305100	13.045	17.697	29.733	1280.589	1488.178	0.755	1.012	780.891	0.999	14.717
2/11/2018 11:00	306000	13.048	17.697	29.741	1282.221	1490.069	0.756	1.013	779.897	0.999	14.719
2/11/2018 11:15	306900	13.046	17.697	29.735	1281.782	1489.562	0.756	1.013	780.164	0.999	14.72
2/11/2018 11:30	307800	13.057	17.696	29.762	1280.668	1487.933	0.755	1.012	781.026	0.999	14.709
2/11/2018 11:45	308700	13.055	17.697	29.757	1278.698	1485.983	0.754	1.01	782.046	0.999	14.71
2/11/2018 12:00	309600	13.055	17.697	29.756	1488.592	1488.592	0.755	1.013	780.462	0.999	14.711
2/11/2018 12:15	310500	13.06	17.696	29.769	1281.033	1488.705	0.755	1.012	780.62	0.999	14.704
2/11/2018 12:30	311400	13.06	17.697	29.767	1279.606	1487.041	0.754	1.011	781.491	0.999	14.7
2/11/2018 12:45	312300	13.068	17.696	29.786	1281.201	1488.907	0.755	1.012	780.518	0.999	14.695
2/11/2018 13:00	313200	13.054	17.697	29.755	1282.484	1490.384	0.756	1.013	779.737	0.999	14.702
2/11/2018 13:15	314100	13.064	17.697	29.778	1282.332	1490.907	0.756	1.014	779.465	0.999	14.695
2/11/2018 13:30	315000	13.066	17.696	29.781	1282.265	1490.144	0.756	1.013	779.87	0.999	14.687
2/11/2018 13:45	315900	13.082	17.696	29.819	1281.461	1489.21	0.755	1.013	780.359	0.999	14.674
2/11/2018 14:00	316800	13.089	17.696	29.834	1283.522	1491.604	0.757	1.014	779.106	0.999	14.665
2/11/2018 14:15	317700	13.081	17.696	29.816	1284.957	1493.264	0.758	1.015	778.236	0.999	14.665
2/11/2018 14:30	318600	13.09	17.697	29.836	1286.092	1494.576	0.758	1.016	777.549	0.999	14.658
2/11/2018 14:45	319500	13.089	17.696	29.835	1285.883	1494.345	0.758	1.016	777.676	0.999	14.656
2/11/2018 15:00	320400	13.078	17.696	29.808	1284.3	1492.508	0.757	1.015	778.634	0.999	14.665
2/11/2018 15:15	321300	13.071	17.697	29.794	1281.138	1488.82	0.755	1.012	780.556	0.999	14.669
2/11/2018 15:30	322200	13.066	17.696	29.782	1276.639	1483.6	0.752	1.009	783.307	0.999	14.672
2/11/2018 15:45	323100	13.076	17.697	29.804	1274.213	1480.775	0.751	1.007	784.798	0.999	14.662
2/11/2018 16:00	324000	13.074	17.697	29.8	1275.413	1482.169	0.752	1.008	784.06	0.999	14.663
2/11/2018 16:15	324900	13.07	17.696	29.791	1276.439	1483.371	0.752	1.009	783.429	0.999	14.666
2/11/2018 16:30	325800	13.063	17.697	29.776	1277.499	1484.593	0.753	1.01	782.78	0.999	14.674
2/11/2018 16:45	326700	13.065	17.697	29.779	1277.39	1484.461	0.753	1.009	782.846	0.999	14.671
2/11/2018 17:00	327600	13.065	17.696	29.78	1276.799	1483.8	0.753	1.009	783.209	0.999	14.669
2/11/2018 17:15	328500	13.063	17.696	29.775	1277.737	1484.887	0.753	1.01	782.634	0.999	14.669
2/11/2018 17:30	329400	13.062	17.697	29.772	1276.913	1483.912	0.753	1.009	783.139	0.999	14.666
2/11/2018 17:45	330300	13.065	17.697	29.779	1279.024	1486.387	0.754	1.011	781.83	0.999	14.667
2/11/2018 18:00	331200	13.061	17.696	29.769	1279.624	1487.075	0.754	1.011	781.479	0.999	14.671
2/11/2018 18:15	332100	13.066	17.697	29.781	1280.153	1487.677	0.755	1.012	781.157	0.999	14.667
2/11/2018 18:30	333000	13.062	17.697	29.772	1279.04	1486.385	0.754	1.011	781.836	0.999	14.67
2/11/2018 18:45	333900	13.062	17.696	29.773	1279.257	1486.646	0.754	1.011	781.704	0.999	14.669
2/11/2018 19:00	334800	13.056	17.697	29.759	1279.444	1486.851	0.754	1.011	781.589	0.999	14.676
2/11/2018 19:15	335700	13.055	17.696	29.757	1281.045	1488.728	0.755	1.012	780.613	0.999	14.671
2/11/2018 19:30	336600	13.054	17.696	29.754	1280.791	1488.424	0.755	1.012	780.768	0.999	14.666
2/11/2018 19:45	337500	13.059	17.697	29.765	1279.811	1487.274	0.754	1.011	781.365	0.999	14.672
2/11/2018 20:00	338400	13.06	17.696	29.767	1281.325	1489.042	0.755	1.013	780.442	0.999	14.67
2/11/2018 20:15	339300	13.056	17.697	29.76	1280.209	1487.742	0.755	1.012	781.123	0.999	14.673
2/11/2018 20:30	340200	13.048	17.696	29.739	1280.026	1487.536	0.755	1.012	781.234	0.999	14.679
2/11/2018 20:45	341100	13.053	17.696	29.752	1280.095	1487.616	0.755	1.012	781.192	0.999	14.677
2/11/2018 21:00	342000	13.058	17.696	29.763	1278.398	1485.642	0.758	1.014	782.254	0.999	14.672
2/11/2018 21:15	342900	13.06	17.696	29.768	1278.526	1485.807	0.754	1.01	782.151	0.999	14.67
2/11/2018 21:30	343800	13.05	17.696	29.745	1278.675	1485.966	0.754	1.01	782.059	0.999	14.676
2/11/2018 21:45	344700	13.062	17.696	29.773	1279.997	1487.511	0.755	1.012	781.252	0.999	14.669
2/11/2018 22:00	345600	13.065	17.696	29.778	1281.225	1488.932	0.755	1.012	780.503	0.999	14.666
2/11/2018 22:15	346500	13.055	17.696	29.756	1282.104	1489.96	0.756	1.013	779.968	0.999	14.67
2/11/2018 22:30	347400	13.047	17.697	29.739	1280.122	1487.639	0.755	1.013	781.175	0.999	14.678
2/11/2018 22:45	348300	13.059	17.697	29.767	1279.526	1486.948	0.754	1.011	781.54	0.999	14.671
2/11/2018 23:00	349200	13.052	17.696	29.751	1279.378	1486.78	0.754	1.011	781.63	0.999	14.672
2/11/2018 23:15	350100	13.053	17.696	29.751	1281.015	1488.688	0.755	1.012	780.631	0.999	14.673
2/11/2018 23:30	351000	13.055	17.696	29.756	1281.191	1488.886	0.755	1.012	780.524	0.999	14.677
2/11/2018 23:45	351900	13.052	17.696	29.749	1279.34	1486.75	0.754	1.011	781.653	0.999	14.679
2/12/2018 0:00	352800	13.056	17.696	29.759	1279.825	1487.305	0.754	1.011	781.357	0.999	14.676
2/12/2018 0:15	353700	13.054	17.696	29.753	1281.517	1489.286	0.755	1.013	780.325	0.999	14.678
2/12/2018 0:30	354600	13.055	17.697	29.755	1281.795	1489.575	0.756	1.013	780.156	0.999	14.677
2/12/2018 0:45	355500	13.059	17.696	29.766	1282.15	1490.008	0.756	1.013	779.94	0.999	14.673
2/12/2018 1:00	356400	13.059	17.697	29.766	1283.231	1491.248	0.757	1.014	779.283	0.999	14.673
2/12/2018 1:15	357300	13.054	17.697	29.754	1281.539	1489.28	0.755	1.013	780.312	0.999	14.678
2/12/2018 1:30	358200	13.053	17.696	29.752	1280.738	1488.369	0.755	1.012	780.8	0.999	14.679
2/12/2018 1:45	359100	13.056	17.696	29.766	1281.504	1489.266	0.755	1.013	780.333	0.999	14.676
2/12/2018 2:00	360000	13.041	17.696	29.725	1280.181	1487.716	0.755	1.012	781.139	0.999	14.687
2/12/2018 2:15	360900	13.057	17.696	29.761	1278.579	1485.851	0.754	1.01	782.118	0.999	14.676
2/12/2018 2:30	361800	13.052	17.696	29.751	1281.831	1489.64	0.756	1.013	780.134	0.999	14.675
2/12/2018 2:45	362700	13.06	17.696	29.769	1281.207	1488.928	0.755	1.012	780.514	0.999	14.673
2/12/2018 3:00	363600	13.057	17.696	29.762	1281.719	1489.509	0.756	1.013	780.202	0.999	14.675
2/12/2018 3:15	364500	13.057	17.696	29.76	1284.021	1492.188	0.757	1.015	778.803	0.999	14.678
2/12/2018 3:30	365400	13.06	17.696	29.767	1282.214	1490.087	0.756	1.013	779.901	0.999	14.672
2/12/2018 3:45	366300	13.06	17.696	29.768	1283.503	1491.58	0.757	1.014	779.118	0.999	14.671
2/12/2018 4:00	367200	13.055	17.697	29.756	1280.886	1488.524	0.755	1.012	780.71	0.999	14.671
2/12/2018 4:15	368100	13.064	17.696	29.777	1283.339	1491.383	0.757	1.014	779.217	0.999	14.667
2/12/2018 4:30	369000	13.06	17.696	29.767	1282.529	1490.462	0.756	1.014	779.71	0.999	14.672
2/12/2018 4:45	369900	13.062	17.697	29.773	1282.343	1490.214	0.756	1.013	779.822	0.999	14.668
2/12/2018 5:00	370800	13.061	17.696	29.771	1281.459	1489.219	0.755	1.013	780.36	0.999	14.667
2/12/2018 5:15	371700	13.057	17.697	29.761	1282.723	1490.661	0.756	1.014	779.592	0.999	14.672
2/12/2018 5:30	372600	13.061	17.696	29.769	1283.756	1491.874	0.757	1.014	778.964	0.999	14.669
2/12/2018 5:45	373500	13.053	17.696	29.752	1282.929	1490.921	0.756	1.014	779.467	0.999	14.671
2/12/2018 6:00	374400	13.057	17.697	29.762	1281.033	1488.694	0.755	1.012	780.62	0.999	14.672
2/12/2018 6:15	375300	13.057	17.696	29.762	1279.975	1487.474	0.754	1.014	781.265	0.999	14.652
2/12/2018 6:30	376200	13.057	17.696	29.762	1278.885	1486.206	0.754	1.011	781.931	0.999	14.672
2/12/2018 6:45	377100	13.054	17.696	29.755	1280.229	1487.775	0.755	1.012	781.11	0.999	14.676
2/12/2018 7:00	378000	13.056	17.697	29.759	1280.115	1487.627	0.755	1.012	781.18	0.999	14.674
2/12/2018 7:15	378900	13.048	17.697	29.74	1281.054	1488.718	0.755	1.012	780.607	0.999	14.677
2/12/2018 7:30	379800	13.048	17.696	29.741	1280.604	1488.208	0.755	1.			

2/13/2018 15:15	494100	13.046	17.696	29.735	1277.963	1485.156	0.753	1.01	782.495	0.999	14.785
2/13/2018 15:30	495000	13.039	17.696	29.72	1276.597	1483.571	0.752	1.009	783.332	0.999	14.788
2/13/2018 15:45	495900	13.04	17.696	29.723	1276.248	1483.159	0.752	1.009	783.547	0.999	14.79
2/13/2018 16:00	496800	13.043	17.696	29.729	1276.992	1484.024	0.753	1.009	783.091	0.999	14.789
2/13/2018 16:15	497700	13.039	17.696	29.721	1274.978	1481.684	0.751	1.008	784.327	0.999	14.793
2/13/2018 16:30	498600	13.043	17.696	29.728	1276.448	1483.298	0.752	1.009	783.424	0.999	14.79
2/13/2018 16:45	499500	13.04	17.696	29.722	1277.533	1484.659	0.753	1.01	782.758	0.999	14.794
2/13/2018 17:00	500400	13.036	17.696	29.712	1279.255	1486.666	0.754	1.011	781.705	0.999	14.792
2/13/2018 17:15	501300	13.032	17.696	29.703	1278.813	1486.13	0.754	1.011	781.975	0.999	14.797
2/13/2018 17:30	502200	13.034	17.696	29.708	1277.982	1485.166	0.753	1.01	782.484	0.999	14.795
2/13/2018 17:45	503100	13.038	17.696	29.717	1279.994	1487.504	0.755	1.012	781.254	0.999	14.797
2/13/2018 18:00	504000	13.032	17.696	29.704	1278.394	1485.665	0.754	1.01	782.231	0.999	14.803
2/13/2018 18:15	504900	13.037	17.696	29.716	1278.777	1486.099	0.754	1.011	781.997	0.999	14.795
2/13/2018 18:30	505800	13.035	17.696	29.711	1279.523	1486.974	0.754	1.011	781.542	0.999	14.801
2/13/2018 18:45	506700	13.042	17.696	29.726	1280.246	1487.812	0.755	1.012	781.1	0.999	14.795
2/13/2018 19:00	507600	13.028	17.696	29.694	1281.226	1488.951	0.755	1.012	780.502	0.999	14.807
2/13/2018 19:15	508500	13.029	17.695	29.696	1281.424	1489.192	0.755	1.013	780.382	0.999	14.806
2/13/2018 19:30	509400	13.03	17.696	29.699	1280.614	1488.236	0.755	1.012	780.876	0.999	14.806
2/13/2018 19:45	510300	13.033	17.696	29.707	1280.906	1488.584	0.755	1.012	780.698	0.999	14.809
2/13/2018 20:00	511200	13.031	17.696	29.702	1281.121	1488.832	0.755	1.012	780.566	0.999	14.811
2/13/2018 20:15	512100	13.034	17.696	29.708	1281.103	1488.81	0.755	1.012	780.578	0.999	14.81
2/13/2018 20:30	513000	13.03	17.696	29.7	1280.437	1488.025	0.755	1.012	780.983	0.999	14.815
2/13/2018 20:45	513900	13.034	17.696	29.709	1281.682	1489.466	0.756	1.013	780.225	0.999	14.813
2/13/2018 21:00	514800	13.036	17.696	29.713	1280.192	1487.749	0.755	1.012	781.133	0.999	14.811
2/13/2018 21:15	515700	13.032	17.696	29.705	1283.153	1491.182	0.756	1.014	779.33	0.999	14.816
2/13/2018 21:30	516600	13.033	17.696	29.707	1282.951	1490.938	0.756	1.014	779.453	0.999	14.816
2/13/2018 21:45	517500	13.032	17.696	29.703	1283.012	1491.029	0.756	1.014	779.416	0.999	14.82
2/13/2018 22:00	518400	13.033	17.696	29.706	1283.022	1491.027	0.756	1.014	779.41	0.999	14.819
2/13/2018 22:15	519300	13.033	17.696	29.706	1282.316	1490.211	0.756	1.013	779.839	0.999	14.819
2/13/2018 22:30	520200	13.035	17.696	29.71	1282.955	1490.96	0.756	1.014	779.451	0.999	14.818
2/13/2018 22:45	521100	13.034	17.696	29.687	1283.440	1491.537	0.757	1.014	779.151	0.999	14.825
2/13/2018 23:00	522000	13.034	17.696	29.709	1282.416	1490.33	0.756	1.013	779.778	0.999	14.822
2/13/2018 23:15	522900	13.029	17.696	29.697	1283.199	1491.232	0.756	1.014	779.302	0.999	14.826
2/13/2018 23:30	523800	13.031	17.696	29.701	1285.829	1494.3	0.758	1.016	777.708	0.999	14.828
2/13/2018 23:45	524700	13.037	17.696	29.716	1284.619	1492.9	0.757	1.015	778.441	0.999	14.82
2/14/2018 0:00	525600	13.034	17.696	29.71	1285.54	1493.97	0.758	1.016	777.883	0.999	14.824
2/14/2018 0:15	526500	13.030	17.696	29.72	1285.582	1494.013	0.758	1.016	777.858	0.999	14.821
2/14/2018 0:30	527400	13.035	17.696	29.712	1286.362	1494.904	0.758	1.017	777.386	0.999	14.823
2/14/2018 0:45	528300	13.043	17.696	29.728	1287.621	1496.383	0.759	1.018	776.626	0.999	14.818
2/14/2018 1:00	529200	13.035	17.696	29.712	1287.063	1495.728	0.759	1.017	776.963	0.999	14.822
2/14/2018 1:15	530100	13.037	17.696	29.715	1287.582	1496.328	0.759	1.018	776.65	0.999	14.824
2/14/2018 1:30	531000	13.042	17.696	29.727	1288.941	1497.922	0.76	1.019	775.831	0.999	14.819
2/14/2018 1:45	531900	13.036	17.696	29.713	1288.217	1497.07	0.76	1.018	776.266	0.999	14.826
2/14/2018 2:00	532800	13.04	17.696	29.723	1286.875	1495.524	0.759	1.017	777.076	0.999	14.822
2/14/2018 2:15	533700	13.046	17.696	29.736	1286.715	1495.327	0.759	1.017	777.173	0.999	14.816
2/14/2018 2:30	534600	13.044	17.696	29.732	1287.685	1496.466	0.759	1.018	776.587	0.999	14.813
2/14/2018 2:45	535500	13.055	17.695	29.757	1288.577	1497.507	0.76	1.018	776.05	0.999	14.803
2/14/2018 3:00	536400	13.055	17.696	29.757	1290.138	1499.308	0.761	1.02	775.111	0.999	14.804
2/14/2018 3:15	537300	13.054	17.696	29.753	1289.474	1498.53	0.76	1.019	775.51	0.999	14.804
2/14/2018 3:30	538200	13.054	17.696	29.755	1290.175	1499.354	0.761	1.02	775.089	0.999	14.804
2/14/2018 3:45	539100	13.052	17.696	29.75	1289.58	1498.654	0.76	1.019	775.446	0.999	14.806
2/14/2018 4:00	540000	13.047	17.696	29.738	1287.92	1496.73	0.759	1.018	776.446	0.999	14.802
2/14/2018 4:15	540900	13.052	17.695	29.751	1289.192	1498.226	0.76	1.019	775.68	0.999	14.803
2/14/2018 4:30	541800	13.056	17.696	29.759	1286.86	1495.501	0.759	1.017	777.085	0.999	14.798
2/14/2018 4:45	542700	13.043	17.696	29.728	1286.358	1494.906	0.758	1.017	777.388	0.999	14.806
2/14/2018 5:00	543600	13.056	17.696	29.758	1286.212	1494.748	0.758	1.016	777.477	0.999	14.797
2/14/2018 5:15	544500	13.05	17.696	29.746	1287.224	1495.93	0.759	1.017	776.866	0.999	14.8
2/14/2018 5:30	545400	13.05	17.696	29.746	1285.427	1493.839	0.758	1.016	777.951	0.999	14.8
2/14/2018 5:45	546300	13.038	17.696	29.717	1285.149	1493.516	0.758	1.016	778.12	0.999	14.808
2/14/2018 6:00	547200	13.048	17.696	29.74	1284.805	1493.119	0.757	1.015	778.328	0.999	14.803
2/14/2018 6:15	548100	13.033	17.696	29.706	1284.972	1493.313	0.758	1.015	778.227	0.999	14.816
2/14/2018 6:30	549000	13.05	17.696	29.744	1285.347	1493.745	0.758	1.016	778.78	0.999	14.799
2/14/2018 6:45	549900	13.046	17.696	29.736	1285.334	1493.719	0.758	1.016	778.008	0.999	14.804
2/14/2018 7:00	550800	13.043	17.696	29.729	1286.167	1494.689	0.758	1.016	777.504	0.999	14.807
2/14/2018 7:15	551700	13.038	17.696	29.718	1286.149	1494.671	0.758	1.016	777.515	0.999	14.813
2/14/2018 7:30	552600	13.032	17.696	29.703	1286.698	1495.313	0.759	1.017	777.183	0.999	14.815
2/14/2018 7:45	553500	13.035	17.696	29.712	1285.5	1493.921	0.758	1.016	777.907	0.999	14.815
2/14/2018 8:00	554400	13.039	17.696	29.721	1286.526	1495.112	0.759	1.017	777.287	0.999	14.813
2/14/2018 8:15	555300	13.035	17.696	29.71	1284.767	1493.057	0.757	1.015	778.351	0.999	14.814
2/14/2018 8:30	556200	13.033	17.696	29.705	1283.604	1491.72	0.757	1.014	779.056	0.999	14.816
2/14/2018 8:45	557100	13.034	17.696	29.709	1282.598	1490.54	0.756	1.014	779.667	0.999	14.817
2/14/2018 9:00	558000	13.035	17.696	29.71	1282.184	1490.07	0.756	1.013	779.919	0.999	14.823
2/14/2018 9:15	558900	13.034	17.696	29.709	1282.195	1490.085	0.756	1.013	779.913	0.999	14.823
2/14/2018 9:30	559800	13.04	17.695	29.722	1280.774	1488.437	0.755	1.012	780.778	0.999	14.817
2/14/2018 9:45	560700	13.037	17.696	29.715	1279.864	1487.359	0.754	1.011	781.333	0.999	14.822
2/14/2018 10:00	561600	13.036	17.696	29.713	1279.082	1486.459	0.754	1.011	781.811	0.999	14.823
2/14/2018 10:15	562500	13.03	17.696	29.7	1277.436	1484.54	0.753	1.009	782.818	0.999	14.825
2/14/2018 10:30	563400	13.03	17.696	29.7	1279.061	1486.444	0.754	1.011	781.823	0.999	14.83
2/14/2018 10:45	564300	13.04	17.695	29.723	1278.491	1485.789	0.754	1.01	782.172	0.999	14.821
2/14/2018 11:00	565200	13.035	17.696	29.712	1277.644	1484.297	0.753	1.01	782.691	0.999	14.826
2/14/2018 11:15	566100	13.037	17.695	29.716	1277.18	1484.26	0.753	1.009	782.975	0.999	14.826
2/14/2018 11:30	567000	13.037	17.696	29.715	1276.85	1483.865	0.753	1.009	783.177	0.999	14.825
2/14/2018 11:45	567900	13.044	17.696	29.731	1276.633	1483.621	0.752	1.009	783.311	0.999	14.819
2/14/2018 12:00	568800	13.043	17.696	29.73	1276.339	1483.271	0.752	1.009	783.491	0.999	14.819
2/14/2018 12:15	569700	13.049	17.696	29.742	1277.98	1485.188	0.753	1.01	782.485	0.999	14.

Report Date:	2/16/2018 10:43		
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_2018-02-15_09-52-31-269-BaroMerge.wsl
Create Date	2/16/2018 10:40

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
Used Memory	20
Used Battery	11

Log Configuration	
Log Name	MPWSP MW-8D LT Test
Created By	AVanHaitsma
Computer Name	PROBOOK2
Application	WinSitu.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:	0.0191
TDS Factor:	0.68

Log Notes:	
Date and Time	Note
6/22/2017 11:17	Used Battery: 11% Used Memory: 20% User Name: AVanHaitsma
6/22/2017 11:32	Log Download - Used Battery: 11% Used Memory: 20% User Name: AVanHaitsma 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: WMassoll 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: AVanHaitsma Interval - Start Time: 5/31/2017 10:00:00 PM Stop Time: 7/6/2017 8:30:00 AM
7/13/2017 13:33	Log Download - Used Battery: 12% Used Memory: 21% User Name: WMassoll Interval - Start Time: 7/5/2017 10:00:00 PM Stop Time: 7/13/2017 1:30:00 PM
7/20/2017 11:15	Log Download - Used Battery: 13% Used Memory: 23% 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 10:25	Log Download - Used Battery: 13% Used Memory: 23% 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 10:58	Log Download - Used Battery: 13% Used Memory: 25% User Name: AVanHaitsma 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: WMassoll 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: AVanHaitsma Interval - Start Time: 8/9/2017 10:00:00 PM Stop Time: 8/17/2017 1:00:00 PM
8/24/2017 9:06	Log Download - Used Battery: 14% Used Memory: 26% User Name: AVanHaitsma Interval - Start Time: 8/16/2017 10:00:00 PM Stop Time: 8/24/2017 10:00:00 AM
9/1/2017 12:32	Log Download - Used Battery: 15% Used Memory: 28% User Name: WMassoll Interval - Start Time: 7/31/2017 10:00:00 PM Stop Time: 9/1/2017 1:30:00 PM
9/7/2017 12:58	Log Download - Used Battery: 15% Used Memory: 28% User Name: WMassoll Interval - Start Time: 8/31/2017 10:00:00 PM Stop Time: 9/7/2017 1:45:00 PM
9/14/2017 13:36	Log Download - Used Battery: 15% Used Memory: 29% User Name: AVanHaitsma Interval - Start Time: 9/6/2017 10:00:00 PM Stop Time: 9/14/2017 2:30:00 PM
9/21/2017 12:50	Log Download - Used Battery: 16% Used Memory: 29% User Name: AVanHaitsma Interval - Start Time: 9/13/2017 10:00:00 PM Stop Time: 9/21/2017 1:45:00 PM
9/28/2017 11:58	Log Download - Used Battery: 16% Used Memory: 31% User Name: WMassoll Interval - Start Time: 9/20/2017 10:00:00 PM Stop Time: 9/28/2017 12:45:00 PM
10/5/2017 13:34	Log Download - Used Battery: 17% Used Memory: 31% User Name: WMassoll Interval - Start Time: 8/31/2017 10:00:00 PM Stop Time: 10/5/2017 2:30:00 PM
10/12/2017 13:58	Log Download - Used Battery: 17% Used Memory: 32% User Name: AVanHaitsma Interval - Start Time: 10/4/2017 10:00:00 PM Stop Time: 10/12/2017 2:45:00 PM
10/19/2017 14:07	Log Download - Used Battery: 17% Used Memory: 32% User Name: AVanHaitsma Interval - Start Time: 10/11/2017 10:00:00 PM Stop Time: 10/19/2017 3:00:00 PM
10/26/2017 12:12	Log Download - Used Battery: 18% Used Memory: 34% User Name: WMassoll Interval - Start Time: 10/18/2017 10:00:00 PM Stop Time: 10/26/2017 1:00:00 PM
11/2/2017 13:48	Log Download - Used Battery: 18% Used Memory: 34% User Name: WMassoll Interval - Start Time: 9/30/2017 10:00:00 PM Stop Time: 11/2/2017 1:45:00 PM
11/9/2017 13:41	Log Download - Used Battery: 18% Used Memory: 35% User Name: AVanHaitsma Interval - Start Time: 11/1/2017 10:00:00 PM Stop Time: 11/9/2017 2:30:00 PM
11/16/2017 11:09	Log Download - Used Battery: 19% Used Memory: 35% User Name: WMassoll Interval - Start Time: 11/9/2017 10:15:00 AM Stop Time: 11/16/2017 11:00:00 AM
11/23/2017 13:55	Log Download - Used Battery: 19% Used Memory: 37% User Name: AVanHaitsma Interval - Start Time: 11/15/2017 10:00:00 PM Stop Time: 11/23/2017 2:45:00 PM
12/1/2017 9:16	Log Download - Used Battery: 19% Used Memory: 39% User Name: AVanHaitsma Interval - Start Time: 10/31/2017 10:00:00 PM Stop Time: 12/1/2017 10:15:00 AM
12/7/2017 14:25	Log Download - Used Battery: 20% Used Memory: 39% User Name: WMassoll Interval - Start Time: 11/29/2017 10:00:00 PM Stop Time: 12/7/2017 3:15:00 PM
12/14/2017 11:54	Log Download - Used Battery: 20% Used Memory: 40% User Name: WMassoll Interval - Start Time: 12/6/2017 10:00:00 PM Stop Time: 12/14/2017 12:45:00 PM
12/21/2017 10:44	Log Download - Used Battery: 20% Used Memory: 40% User Name: AVanHaitsma Interval - Start Time: 12/13/2017 10:00:00 PM Stop Time: 12/21/2017 12:15:00 PM
12/21/2017 11:00	Log Download - Used Battery: 20% Used Memory: 40% User Name: AVanHaitsma Interval - Start Time: 11/15/2017 10:00:00 PM Stop Time: 11/23/2017 3:30:00 PM
12/21/2017 11:01	Log Download - Used Battery: 20% Used Memory: 40% User Name: AVanHaitsma Interval - Start Time: 12/13/2017 10:00:00 PM Stop Time: 12/21/2017 3:30:00 PM
1/4/2018 13:59	Log Download - Used Battery: 21% Used Memory: 42% User Name: WMassoll Interval - Start Time: 11/30/2017 10:00:00 PM Stop Time: 1/4/2018 2:45:00 PM
1/11/2018 9:53	Log Download - Used Battery: 22% Used Memory: 43% User Name: AVanHaitsma Interval - Start Time: 1/3/2018 10:00:00 PM Stop Time: 1/11/2018 4:15:00 PM
1/18/2018 11:31	Log Download - Used Battery: 22% Used Memory: 43% User Name: WMassoll Interval - Start Time: 1/10/2018 10:00:00 PM Stop Time: 1/18/2018 12:30:00 PM
1/26/2018 10:58	Log Download - Used Battery: 22% Used Memory: 45% User Name: WMassoll Interval - Start Time: 1/26/2018 10:00:00 PM Stop Time: 1/26/2018 11:45:00 AM
2/1/2018 16:32	Log Download - Used Battery: 23% Used Memory: 45% User Name: WMassoll Interval - Start Time: 12/31/2017 10:00:00 PM Stop Time: 2/1/2018 5:30:00 PM
2/8/2018 11:06	Log Download - Used Battery: 23% Used Memory: 46% User Name: AVanHaitsma Interval - Start Time: 1/31/2018 10:00:00 PM Stop Time: 2/8/2018 12:00:00 PM
2/15/2018 9:51	Log Download - Used Battery: 23% Used Memory: 46% User Name: AVanHaitsma Interval - Start Time: 2/7/2018 10:00:00 PM Stop Time: 2/15/2018 10:45:00 AM
2/16/2018 10:40	User Note: "Pressure & Level adjusted by baro data from: "MPWSP Barotroll_2018-02-15_16-52-45-921.wsl""

Log Data:	
Record Count	720
Sensors	2
1	469355 PCTD 300 PSIA (200.7m/658.7ft)
2	0 Baro-Adjustment Calc

Time Zone: Pacific Standard Time											
Sensor: PCTD(A) 658.7ft SNR: 469355	Sensor: PCTD(A) 658.7ft SNR: 469355	Sensor: PCTD(A) 658.7ft SNR: 469355	Sensor: PCTD(A) 658.7ft SNR: 469355	Sensor: PCTD(A) 658.7ft SNR: 469355	Sensor: PCTD(A) 658.7ft SNR: 469355	Sensor: PCTD(A) 658.7ft SNR: 469355	Sensor: PCTD(A) 658.7ft SNR: 469355	Sensor: PCTD(A) 658.7ft SNR: 469355	Sensor: PCTD(A) 658.7ft SNR: 469355	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)
2/8/2018 0:00	7200	131.736	20.398	300.266	11518.09	12628.063	7.331	8.587	86.82	1.004	14.84
2/8/2018 0:15	8100	131.738	20.401	300.272	11532.953	12643.552	7.341	8.598	86.708	1.004	14.832
2/8/2018 0:30	9000	131.757	20.403	300.215	11521.982	12631.407	7.333	8.589	86.791	1.004	14.839
2/8/2018 0:45	9900	131.771	20.399	300.346	11536.955	12648.493	7.344	8.601	86.678	1.004	14.835
2/8/2018 1:00	10800	131.714	20.403	300.218	11520.563	12629.39	7.332	8.588	86.801	1.004	14.838
2/8/2018 1:15	11700	131.713	20.405	300.216	11526.607	12635.509	7.336	8.592	86.756	1.004	14.834
2/8/2018 1:30	12600	131.728	20.396	300.249	11533.775	12645.861	7.342	8.599	86.702	1.004	14.832
2/8/2018 1:45	13500	131.72	20.403	300.231	11526.88	12636.313	7.336	8.593	86.754	1.004	14.836
2/8/2018 2:00	14400	131.723	20.398	300.238	11535.106	12646.737	7.345	8.6	86.692	1.004	14.826
2/8/2018 2:15	15300	131.733	20.395	300.261	11546.35	12659.896	7.351	8.609	86.607	1.004	14.826
2/8/2018 2:30	16200	131.762	20.393	300.326	11548.262	12662.505	7.353	8.611	86.593	1.004	14.828
2/8/2018 2:45	17100	131.748	20.401	300.295	11537.201	12648.162	7.344	8.601	86.676	1.004	14.833
2/8/2018 3:00	18000	131.764	20.399	300.33	11535.369	12646.661	7.343	8.6	86.69	1.004	14.827
2/8/2018 3:15	18900	131.764	20.396	300.33	11535.883	12648.099	7.344	8.601	86.686	1.004	14.827
2/8/2018 3:30	19800	131.764	20.399	300.341	11541.655	12653.736	7.347	8.605	86.645	1.004	14.824
2/8/2018 3:45	20700	131.739	20.4	300.273	11556.84	12669.898	7.357	8.616	86.529	1.004	14.82
2/8/2018 4:00	21600	131.729	20.402	300.251	11547.182	12658.873	7.35	8.608	86.601	1.004	14.827
2/8/2018 4:15	22500	131.782	20.389	300.371	11563.47	12680.131	7.364	8.622	86.479	1.004	14.832
2/8/2018 4:30	23400	131.758	20.394	300.317	11563.453	12678.745	7.363	8.622	86.479	1.004	14.822
2/8/2018 4:45	24300	131.786	20.406	300.382	11560.332	12672.224	7.359	8.617	86.503	1.004	14.827
2/8/2018 5:00	25200	131.801	20.397	300.463	11556.008	12669.864	7.357	8.616	86.535	1.004	14.827
2/8/2018 5:15	26100	131.766	20.407	300.334	11558.585	12669.964	7.357	8.616	86.516	1.004	14.827
2/8/2018 5:30	27000	131.776	20.397	300.358	11577.029	12692.935	7.372	8.631	86.378	1.004	14.827
2/8/2018 5:45	27900	131.766	20.399	300.335	11574.125	12689.151	7.369	8.629	86.4	1.004	14.829
2/8/2018 6:00	28800	131.764	20.397	300.331	11567.566	12682.606	7.365	8.624	86.449	1.004	14.832
2/8/2018 6:15	29700	131.811	20.407	300.439	11566.101	12678.296	7.363	8.621	86.46	1.004	14.826
2/8/2018 6:30	30600	131.815	20.4	300.446	11570.776	12678.139	7.363	8.621	86.473	1.004	14.826
2/8/2018 6:45	31500	131.822	20.401	300.463	11561.626	12675.163	7.361	8.619	86.493	1.004	14.826
2/8/2018 7:00	32400	131.821	20.399	300.461	11569.239	12683.954	7.366	8.625	86.436	1.004	14.828
2/8/2018 7:15	33300	131.788	20.399	300.385	11569.783	12684.528	7.367	8.625	86.432	1.004	14.832
2/8/2018 7:30	34200	131.812	20.404	300.441	11570.732	12684.228	7.366	8.625	86.425	1.004	14.832
2/8/2018 7:45	35100	131.805	20.397	300.423	11578.037	12694.086	7.372	8.632	86.37	1.004	14.836
2/8/2018 8:00	36000	131.77	20.406	300.344	11570.776	12683.765	7.366	8.625	86.425	1.004	14.827
2/8/2018 8:15	36900	131.791	20.403	300.463	11580.577	12697.107	7.374	8.634	86.351	1.004	14.831
2/8/2018 8:30	37800	131.764	20.401	300.33	11585.683	12701.45	7.377	8.637	86.313	1.004	14.837
2/8/2018 8:45	38700	131.762	20.404	300.327	11578.505	12692.839	7.372	8.631	86.367	1.004	14.838
2/8/2018 9:00	39600	131.757	20.405	300.315	11579.274	12693.198	7.372	8.631	86.361	1.004	14.84
2/8/2018 9:15	40500	131.75	20.4	300.298	11577.778	12692.876	7.372	8.631	86.372	1.004	14.839
2/8/2018 9:30	41400	131.766	20.401	300.335	11592.398	12708.722	7.382	8.642	86.263	1.004	14.841
2/8/2018 9:45	42300	131.76	20.4	300.323	11586.366	12702.362	7.378	8.638	86.308	1.004	14.837
2/8/2018 10:00	43200	131.73	20.399	300.254	11596.489	12713.83	7.385	8.645	86.233	1.004	14.836
2/8/2018 10:15	44100	131.719	20.405	300.228	11589.376	12704.249	7.379	8.639	86.286	1.004	14.835
2/8/2018 10:30	45000	131.717	20.402	300.224	11597.442	12714.11	7.385	8.646	86.226	1.004	14.828
2/8/2018 10:45	45900	131.7	20.398	300.186	11591.934	12709.047	7.382	8.64	86.267	1.004	14.836
2/8/2018 11:00	46800	131.709	20.4	300.206	11607.917	12726.035	7.393	8.654	86.14		

2/9/2018 0:15	94500	131.595	20.394	299.946	11680.279	12807.025	7.443	8.709	85.614	1.004	14.778
2/9/2018 0:30	95400	131.59	20.394	299.935	11679.236	12805.953	7.443	8.708	85.622	1.004	14.782
2/9/2018 0:45	96300	131.609	20.398	299.978	11675.687	12800.916	7.439	8.705	85.648	1.004	14.777
2/9/2018 1:00	97200	131.592	20.395	299.938	11677.011	12803.137	7.441	8.706	85.638	1.004	14.77
2/9/2018 1:15	98100	131.577	20.398	299.906	11680.885	12806.453	7.443	8.708	85.661	1.004	14.774
2/9/2018 1:30	99000	131.568	20.398	299.883	11686.892	12813.127	7.447	8.713	85.565	1.004	14.777
2/9/2018 1:45	99900	131.601	20.399	299.959	11675.469	12801.259	7.444	8.705	85.65	1.004	14.776
2/9/2018 2:00	100800	131.577	20.394	299.905	11690.382	12817.938	7.45	8.716	85.54	1.004	14.763
2/9/2018 2:15	101700	131.564	20.389	299.875	11689.483	12818.358	7.45	8.716	85.547	1.004	14.772
2/9/2018 2:30	102600	131.599	20.4	299.955	11687.052	12812.862	7.447	8.713	85.565	1.004	14.766
2/9/2018 2:45	103500	131.607	20.393	299.972	11692.892	12821.112	7.452	8.718	85.522	1.004	14.766
2/9/2018 3:00	104400	131.58	20.397	299.912	11686.514	12811.876	7.446	8.712	85.576	1.004	14.759
2/9/2018 3:15	105300	131.601	20.396	299.962	11682.229	12808.675	7.444	8.71	85.6	1.004	14.764
2/9/2018 3:30	106200	131.563	20.401	299.872	11698.942	12825.451	7.455	8.721	85.478	1.004	14.763
2/9/2018 3:45	107100	131.568	20.398	299.883	11690.654	12817.375	7.45	8.716	85.538	1.004	14.762
2/9/2018 4:00	108000	131.572	20.395	299.893	11692.593	12820.27	7.452	8.718	85.524	1.004	14.761
2/9/2018 4:15	108900	131.616	20.398	299.993	11696.533	12823.68	7.454	8.72	85.495	1.004	14.757
2/9/2018 4:30	109800	131.588	20.398	299.93	11687.168	12813.575	7.447	8.713	85.564	1.004	14.751
2/9/2018 4:45	110700	131.579	20.404	299.93	11690.596	12815.534	7.449	8.715	85.539	1.004	14.757
2/9/2018 5:00	111600	131.618	20.402	299.999	11698.05	12824.358	7.454	8.721	85.484	1.004	14.753
2/9/2018 5:15	112500	131.588	20.403	299.929	11700.502	12826.625	7.456	8.722	85.466	1.004	14.755
2/9/2018 5:30	113400	131.6	20.397	299.956	11710.879	12839.758	7.464	8.731	85.391	1.004	14.753
2/9/2018 5:45	114300	131.626	20.403	300.016	11710.674	12837.823	7.463	8.73	85.392	1.004	14.752
2/9/2018 6:00	115200	131.589	20.398	299.932	11702.011	12829.825	7.458	8.724	85.455	1.004	14.75
2/9/2018 6:15	116100	131.59	20.402	299.935	11707.176	12834.174	7.46	8.727	85.418	1.004	14.752
2/9/2018 6:30	117000	131.596	20.397	299.949	11708.738	12827.271	7.462	8.729	85.406	1.004	14.752
2/9/2018 6:45	117900	131.613	20.4	299.987	11706.515	12834.083	7.46	8.727	85.423	1.004	14.748
2/9/2018 7:00	118800	131.635	20.391	300.037	11699.059	12828.271	7.457	8.723	85.477	1.004	14.754
2/9/2018 7:15	119700	131.602	20.398	299.961	11710.936	12839.4	7.464	8.731	85.39	1.004	14.76
2/9/2018 7:30	120600	131.628	20.401	300.021	11708.969	12836.656	7.462	8.729	85.405	1.004	14.765
2/9/2018 7:45	121500	131.64	20.397	300.048	11713.394	12842.49	7.466	8.733	85.372	1.004	14.761
2/9/2018 8:00	122400	131.613	20.397	299.987	11714.689	12843.841	7.466	8.734	85.363	1.004	14.762
2/9/2018 8:15	123300	131.623	20.396	300.01	11717.168	12846.885	7.468	8.736	85.345	1.004	14.771
2/9/2018 8:30	124200	131.617	20.4	299.995	11717.432	12846.099	7.468	8.735	85.343	1.004	14.767
2/9/2018 8:45	125100	131.629	20.404	300.023	11729.439	12858.229	7.476	8.744	85.256	1.004	14.767
2/9/2018 9:00	126000	131.59	20.392	299.934	11718.113	12849.071	7.47	8.737	85.338	1.004	14.764
2/9/2018 9:15	126900	131.607	20.4	299.973	11726.308	12855.947	7.474	8.74	85.278	1.004	14.762
2/9/2018 9:30	127800	131.584	20.405	299.922	11722.773	12850.665	7.471	8.738	85.304	1.004	14.771
2/9/2018 9:45	128700	131.576	20.4	299.903	11718.438	12847.082	7.468	8.736	85.336	1.004	14.768
2/9/2018 10:00	129600	131.577	20.398	299.905	11725.269	12855.206	7.474	8.742	85.286	1.004	14.762
2/9/2018 10:15	130500	131.608	20.399	299.975	11729.687	12859.721	7.476	8.745	85.254	1.004	14.764
2/9/2018 10:30	131400	131.569	20.401	299.887	11725.851	12854.951	7.473	8.741	85.282	1.004	14.764
2/9/2018 10:45	132300	131.561	20.399	299.846	11725.051	12853.162	7.473	8.74	85.287	1.004	14.764
2/9/2018 11:00	133200	131.558	20.398	299.861	11727.445	12857.501	7.475	8.743	85.27	1.004	14.761
2/9/2018 11:15	134100	131.549	20.396	299.841	11721.979	12852.161	7.472	8.739	85.31	1.004	14.763
2/9/2018 11:30	135000	131.582	20.403	299.915	11727.408	12856.19	7.474	8.742	85.27	1.004	14.755
2/9/2018 11:45	135900	131.531	20.404	299.801	11726.338	12854.808	7.473	8.741	85.278	1.004	14.758
2/9/2018 12:00	136800	131.532	20.405	299.803	11730.045	12858.637	7.476	8.744	85.251	1.004	14.749
2/9/2018 12:15	137700	131.549	20.4	299.84	11731.171	12861.042	7.477	8.746	85.243	1.004	14.748
2/9/2018 12:30	138600	131.544	20.399	299.83	11734.425	12865.011	7.48	8.748	85.219	1.004	14.749
2/9/2018 12:45	139500	131.525	20.401	299.785	11742.881	12873.787	7.485	8.754	85.158	1.004	14.743
2/9/2018 13:00	140400	131.543	20.397	299.826	11734.701	12865.924	7.48	8.749	85.217	1.004	14.737
2/9/2018 13:15	141300	131.503	20.397	299.737	11747.96	12880.251	7.489	8.759	85.121	1.004	14.734
2/9/2018 13:30	142200	131.49	20.406	299.707	11737.458	12866.295	7.481	8.749	85.197	1.004	14.735
2/9/2018 13:45	143100	131.489	20.399	299.704	11743.032	12874.208	7.486	8.755	85.157	1.004	14.731
2/9/2018 14:00	144000	131.487	20.399	299.699	11740.596	12872.29	7.484	8.753	85.175	1.004	14.728
2/9/2018 14:15	144900	131.479	20.396	299.681	11739.618	12871.5	7.484	8.753	85.182	1.004	14.724
2/9/2018 14:30	145800	131.515	20.396	299.762	11737.559	12869.242	7.482	8.751	85.197	1.004	14.723
2/9/2018 14:45	146700	131.501	20.405	299.732	11737.144	12866.418	7.481	8.749	85.2	1.004	14.727
2/9/2018 15:00	147600	131.462	20.393	299.643	11746.769	12880.068	7.489	8.758	85.13	1.004	14.725
2/9/2018 15:15	148500	131.444	20.398	299.602	11750.949	12883.48	7.491	8.761	85.1	1.004	14.73
2/9/2018 15:30	149400	131.453	20.399	299.621	11750.364	12882.74	7.491	8.76	85.104	1.004	14.726
2/9/2018 15:45	150300	131.448	20.393	299.611	11741.357	12874.16	7.485	8.754	85.169	1.004	14.721
2/9/2018 16:00	151200	131.445	20.394	299.604	11748.494	12881.75	7.49	8.76	85.117	1.004	14.721
2/9/2018 16:15	152100	131.438	20.399	299.587	11743.467	12874.901	7.486	8.755	85.154	1.004	14.722
2/9/2018 16:30	153000	131.475	20.399	299.671	11750.965	12883.027	7.491	8.76	85.099	1.004	14.723
2/9/2018 16:45	153900	131.485	20.4	299.695	11759.723	12892.416	7.497	8.767	85.036	1.004	14.715
2/9/2018 17:00	154800	131.445	20.399	299.606	11762.984	12897.733	7.5	8.77	85.012	1.004	14.714
2/9/2018 17:15	155700	131.445	20.397	299.605	11762.285	12896.047	7.499	8.769	85.017	1.004	14.715
2/9/2018 17:30	156600	131.487	20.402	299.699	11756.705	12888.472	7.494	8.764	85.058	1.004	14.717
2/9/2018 17:45	157500	131.466	20.399	299.652	11762.369	12895.67	7.499	8.769	85.017	1.004	14.712
2/9/2018 18:00	158400	131.454	20.406	299.625	11762.578	12893.922	7.498	8.768	85.015	1.004	14.718
2/9/2018 18:15	159300	131.458	20.394	299.633	11763.386	12897.961	7.5	8.771	85.01	1.004	14.723
2/9/2018 18:30	160200	131.462	20.398	299.643	11767.01	12905.847	7.502	8.773	84.983	1.004	14.719
2/9/2018 18:45	161100	131.464	20.398	299.648	11773.421	12907.884	7.507	8.777	84.937	1.004	14.725
2/9/2018 19:00	162000	131.482	20.395	299.688	11767.611	12902.406	7.503	8.774	84.979	1.004	14.721
2/9/2018 19:15	162900	131.502	20.403	299.733	11777.935	12911.51	7.509	8.78	84.905	1.004	14.723
2/9/2018 19:30	163800	131.477	20.401	299.678	11774.591	12908.459	7.507	8.778	84.929	1.004	14.725
2/9/2018 19:45	164700	131.518	20.395	299.771	11787.565	12924.376	7.517	8.789	84.835	1.004	14.724
2/9/2018 20:00	165600	131.492	20.397	299.712	11775.887	12909.517	7.508	8.779	84.919	1.004	14.727
2/9/2018 20:15	166500	131.525	20.403	299.787	11782.9	12917.023	7.512	8.784	84.869	1.004	14.728
2/9/2018 20:30	167400	131.501	20.397	299.731	11795.593	12932.543	7.522	8.794	84.777	1.004	14.724
2/9/2018 20:45	168300	131.498	20.397	299.725	11786.893	12922.937	7.516	8.788	84.84	1.004	14.723
2/9/2018 21:00	169200	131.507	20.4	299.744	11789.563	12925.132	7.517	8.789	84.821		

2/11/2018 5:00	284400	131.297	20394	299.267	11943.641	13095.84	7.625	8.905	83.727	1.004	14.709
2/11/2018 5:15	285300	131.297	20398	299.267	11939.444	13090.143	7.621	8.901	83.756	1.004	14.708
2/11/2018 5:30	286200	131.323	20394	299.325	11952.233	13105.023	7.63	8.911	83.666	1.004	14.708
2/11/2018 5:45	287100	131.281	20392	299.229	11954.22	13107.848	7.632	8.913	83.652	1.004	14.713
2/11/2018 6:00	288000	131.3	20.4	299.273	11952.687	13103.991	7.63	8.911	83.663	1.004	14.7
2/11/2018 6:15	288900	131.327	20396	299.336	11966.991	13109.714	7.633	8.915	83.633	1.004	14.708
2/11/2018 6:30	289800	131.308	20392	299.292	11962.647	13117.471	7.638	8.92	83.594	1.004	14.704
2/11/2018 6:45	290700	131.297	20395	299.266	11956.764	13109.8	7.634	8.915	83.635	1.004	14.714
2/11/2018 7:00	291600	131.3	20393	299.274	11949.328	13102.147	7.629	8.909	83.687	1.004	14.713
2/11/2018 7:15	292500	131.308	20393	299.291	11967.525	13122.198	7.641	8.923	83.559	1.004	14.712
2/11/2018 7:30	293400	131.294	20396	299.259	11966.591	13120.264	7.64	8.922	83.566	1.004	14.716
2/11/2018 7:45	294300	131.295	20.4	299.262	11965.717	13107.456	7.632	8.913	83.642	1.004	14.711
2/11/2018 8:00	295200	131.307	20393	299.289	11967.745	13122.589	7.641	8.923	83.558	1.004	14.707
2/11/2018 8:15	296100	131.293	20396	299.258	11963.655	13117.163	7.638	8.92	83.586	1.004	14.717
2/11/2018 8:30	297000	131.297	20.4	299.267	11969.59	13122.401	7.641	8.923	83.545	1.004	14.717
2/11/2018 8:45	297900	131.303	20389	299.28	11976.851	13133.62	7.648	8.931	83.494	1.004	14.711
2/11/2018 9:00	298800	131.28	20394	299.229	11977.24	13132.562	7.648	8.93	83.492	1.004	14.724
2/11/2018 9:15	299700	131.295	20398	299.262	11966.757	13119.918	7.64	8.922	83.565	1.004	14.713
2/11/2018 9:30	300600	131.293	20397	299.257	11968.571	13122.291	7.641	8.923	83.552	1.004	14.714
2/11/2018 9:45	301500	131.324	20389	299.329	11979.525	13136.341	7.65	8.933	83.476	1.004	14.715
2/11/2018 10:00	302400	131.316	20.4	299.309	11988.569	13143.354	7.655	8.937	83.413	1.004	14.714
2/11/2018 10:15	303300	131.287	20398	299.244	11981.039	13135.746	7.65	8.932	83.465	1.004	14.715
2/11/2018 10:30	304200	131.276	20393	299.218	11981.714	13137.635	7.651	8.934	83.461	1.004	14.712
2/11/2018 10:45	305100	131.26	20393	299.181	11987.157	13143.626	7.655	8.938	83.423	1.004	14.717
2/11/2018 11:00	306000	131.27	20392	299.205	11975.73	13131.6	7.647	8.929	83.502	1.004	14.719
2/11/2018 11:15	306900	131.258	20.39	299.177	11979.294	13135.917	7.65	8.932	83.477	1.004	14.72
2/11/2018 11:30	307800	131.259	20398	299.181	11981.655	13136.445	7.65	8.933	83.461	1.004	14.709
2/11/2018 11:45	308700	131.247	20395	299.152	11987.354	13143.291	7.655	8.937	83.421	1.004	14.71
2/11/2018 12:00	309600	131.24	20391	299.135	11985.473	13142.404	7.654	8.937	83.434	1.004	14.711
2/11/2018 12:15	310500	131.259	20395	299.181	11992.815	13149.397	7.658	8.942	83.383	1.004	14.704
2/11/2018 12:30	311400	131.259	20394	299.181	11992.98	13149.845	7.659	8.942	83.382	1.004	14.7
2/11/2018 12:45	312300	131.214	20392	299.077	11995.397	13152.999	7.661	8.944	83.365	1.004	14.695
2/11/2018 13:00	313200	131.206	20395	299.059	11995.356	13152.137	7.66	8.943	83.366	1.004	14.702
2/11/2018 13:15	314100	131.197	20398	299.038	11998.256	13154.572	7.662	8.945	83.345	1.004	14.695
2/11/2018 13:30	315000	131.191	20.4	299.025	11988.432	13143.322	7.655	8.937	83.414	1.004	14.687
2/11/2018 13:45	315900	131.19	20399	299.022	11990.25	13145.578	7.656	8.939	83.401	1.004	14.674
2/11/2018 14:00	316800	131.216	20394	299.082	12005.086	13161.18	7.667	8.951	83.298	1.004	14.668
2/11/2018 14:15	317700	131.156	20397	299.155	11991.1	13146.917	7.657	8.94	83.395	1.004	14.665
2/11/2018 14:30	318600	131.158	20402	298.949	11988.956	13143.151	7.655	8.937	83.41	1.004	14.658
2/11/2018 14:45	319500	131.156	20386	298.944	11998.161	13157.59	7.664	8.947	83.346	1.004	14.656
2/11/2018 15:00	320400	131.154	20394	298.94	11999.53	13157.026	7.663	8.947	83.337	1.004	14.665
2/11/2018 15:15	321300	131.126	20396	298.877	12002.673	13159.824	7.665	8.949	83.315	1.004	14.669
2/11/2018 15:30	322200	131.125	20398	298.874	12006.657	13166.657	7.669	8.953	83.275	1.004	14.673
2/11/2018 15:45	323100	131.121	20393	298.864	12003.977	13162.045	7.666	8.95	83.265	1.004	14.662
2/11/2018 16:00	324000	131.117	20394	298.857	12015.867	13175.034	7.675	8.959	83.223	1.004	14.663
2/11/2018 16:15	324900	131.117	20396	298.856	12003.546	13160.927	7.666	8.949	83.309	1.004	14.666
2/11/2018 16:30	325800	131.141	20397	298.91	12009.045	13166.546	7.669	8.953	83.271	1.004	14.674
2/11/2018 16:45	326700	131.112	20396	298.845	12014.542	13172.884	7.673	8.958	83.232	1.004	14.671
2/11/2018 17:00	327600	131.137	20394	298.901	12017.665	13176.861	7.676	8.96	83.211	1.004	14.669
2/11/2018 17:15	328500	131.106	20398	298.831	12013.28	13170.901	7.672	8.956	83.241	1.004	14.659
2/11/2018 17:30	329400	131.148	20395	298.927	12018.992	13178.075	7.676	8.961	83.202	1.004	14.666
2/11/2018 17:45	330300	131.121	20393	298.865	12022.948	13182.969	7.68	8.964	83.174	1.004	14.667
2/11/2018 18:00	331200	131.111	20401	298.842	12032.809	13191.686	7.685	8.97	83.106	1.004	14.671
2/11/2018 18:15	332100	131.115	20395	298.852	12029.153	13189.17	7.683	8.969	83.131	1.004	14.667
2/11/2018 18:30	333000	131.12	20394	298.863	12038.822	13200.181	7.69	8.976	83.065	1.004	14.67
2/11/2018 18:45	333900	131.131	20394	298.889	12023.611	13183.285	7.68	8.965	83.17	1.004	14.665
2/11/2018 19:00	334800	131.124	20389	298.873	12026.414	13187.851	7.683	8.968	83.15	1.004	14.676
2/11/2018 19:15	335700	131.168	20393	298.973	12042.884	13204.897	7.693	8.979	83.037	1.004	14.671
2/11/2018 19:30	336600	131.138	20392	298.903	12048.257	13210.887	7.697	8.983	83	1.004	14.676
2/11/2018 19:45	337500	131.146	20388	298.923	12042.139	13205.262	7.694	8.98	83.042	1.004	14.672
2/11/2018 20:00	338400	131.155	20392	298.943	12055.722	13219.071	7.702	8.989	82.948	1.004	14.67
2/11/2018 20:15	339300	131.165	20398	298.966	12043.014	13209.62	7.693	8.978	83.026	1.004	14.673
2/11/2018 20:30	340200	131.169	20399	298.974	12038.048	13197.79	7.689	8.974	83.07	1.004	14.679
2/11/2018 20:45	341100	131.18	20395	299	12046.779	13208.422	7.696	8.982	83.01	1.004	14.677
2/11/2018 21:00	342000	131.186	20392	299.013	12054.503	13217.758	7.701	8.988	82.957	1.004	14.672
2/11/2018 21:15	342900	131.187	20399	299.016	12054.495	13215.919	7.7	8.987	82.957	1.004	14.67
2/11/2018 21:30	343800	131.227	20404	299.106	12043.271	13202.264	7.692	8.978	83.034	1.004	14.676
2/11/2018 21:45	344700	131.239	20399	299.08	12057.577	13219.245	7.702	8.989	82.935	1.004	14.669
2/11/2018 22:00	345600	131.25	20.4	299.158	12062.782	13224.738	7.706	8.993	82.9	1.004	14.666
2/11/2018 22:15	346500	131.25	20396	299.16	12059.739	13222.511	7.704	8.991	82.921	1.004	14.67
2/11/2018 22:30	347400	131.214	20394	299.077	12058.305	13221.565	7.704	8.991	82.93	1.004	14.678
2/11/2018 22:45	348300	131.223	20396	299.098	12068.231	13231.92	7.71	8.998	82.862	1.004	14.671
2/11/2018 23:00	349200	131.257	20392	299.175	12077.195	13242.786	7.717	9.005	82.801	1.004	14.672
2/11/2018 23:15	350100	131.232	20398	299.117	12070.625	13233.579	7.712	8.999	82.846	1.004	14.668
2/11/2018 23:30	351000	131.265	20.4	299.193	12073.348	13236.274	7.713	8.999	82.827	1.004	14.677
2/11/2018 23:45	351900	131.22	20403	299.092	12063.31	13224.423	7.706	8.993	82.896	1.004	14.679
2/12/2018 0:00	352800	131.236	20394	299.128	12077.756	13242.893	7.717	9.005	82.797	1.004	14.676
2/12/2018 0:15	353700	131.235	20396	299.126	12082.598	13247.624	7.72	9.008	82.764	1.004	14.678
2/12/2018 0:30	354600	131.234	20.39	299.122	12080.444	13246.882	7.72	9.013	82.778	1.004	14.677
2/12/2018 0:45	355500	131.249	20397	299.148	12086.151	13251.444	7.721	9.017	82.663	1.004	14.673
2/12/2018 1:00	356400	131.271	20393	299.207	12088.002	13254.418	7.724	9.018	82.727	1.004	14.673
2/12/2018 1:15	357300	131.231	20392	299.115	12074.422	13239.622	7.715	9.003	82.82	1.004	14.678
2/12/2018 1:30	358200	131.247	20392	299.153	12083.158	13249.202	7.721	9.009	82.76	1.004	14.679
2/12/2018 1:45	359100	131.252	20396	299.164	12071.6	13235.396	7.713	9	82.839		

2/13/2018 9:45	474300	131.314	20.394	299.306	12178.771	13353.58	7.787	9.08	82.11	1.004	14.798
2/13/2018 10:00	475200	131.309	20.398	299.293	12184.604	13358.688	7.79	9.084	82.071	1.004	14.804
2/13/2018 10:15	476100	131.315	20.393	299.307	12183.194	13358.553	7.79	9.084	82.08	1.004	14.807
2/13/2018 10:30	477000	131.316	20.4	299.309	12182.709	13356.095	7.789	9.082	82.084	1.004	14.804
2/13/2018 10:45	477900	131.322	20.402	299.324	12189.752	13363.229	7.793	9.087	82.036	1.004	14.808
2/13/2018 10:00	478800	131.356	20.398	299.4	12190.353	13365.036	7.794	9.088	82.032	1.004	14.803
2/13/2018 11:15	479700	131.327	20.393	299.334	12202.783	13380.055	7.804	9.098	81.949	1.004	14.804
2/13/2018 11:30	480600	131.324	20.395	299.328	12188.425	13363.895	7.793	9.087	82.045	1.004	14.799
2/13/2018 11:45	481500	131.352	20.396	299.392	12184.152	13358.895	7.79	9.084	82.074	1.004	14.803
2/13/2018 12:00	482400	131.364	20.396	299.418	12189.538	13364.799	7.794	9.088	82.038	1.004	14.795
2/13/2018 12:15	483300	131.326	20.4	299.332	12181.128	13354.336	7.787	9.081	82.094	1.004	14.797
2/13/2018 12:30	484200	131.306	20.397	299.287	12187.485	13361.832	7.792	9.086	82.053	1.004	14.796
2/13/2018 12:45	485100	131.311	20.402	299.298	12182.813	13355.818	7.788	9.082	82.083	1.004	14.789
2/13/2018 13:00	486000	131.31	20.388	299.296	12186.214	13360.572	7.791	9.085	82.06	1.004	14.79
2/13/2018 13:15	486900	131.335	20.391	299.353	12179.23	13354.768	7.788	9.081	82.107	1.004	14.786
2/13/2018 13:30	487800	131.299	20.389	299.272	12195.093	13372.894	7.799	9.094	82	1.004	14.79
2/13/2018 13:45	488700	131.282	20.395	299.232	12194.189	13370.215	7.797	9.092	82.006	1.004	14.785
2/13/2018 14:00	489600	131.285	20.398	299.24	12193.453	13368.485	7.796	9.091	82.011	1.004	14.782
2/13/2018 14:15	490500	131.258	20.393	299.177	12188.943	13365.224	7.794	9.088	82.042	1.004	14.783
2/13/2018 14:30	491400	131.271	20.396	299.208	12197.094	13373.16	7.799	9.094	81.987	1.004	14.776
2/13/2018 14:45	492300	131.243	20.391	299.144	12194.484	13371.736	7.798	9.093	82.004	1.004	14.784
2/13/2018 15:00	493200	131.237	20.396	299.13	12193.113	13368.772	7.797	9.091	82.014	1.004	14.784
2/13/2018 15:15	494100	131.226	20.394	299.105	12198.908	13375.514	7.801	9.095	81.975	1.004	14.785
2/13/2018 15:30	495000	131.245	20.394	299.148	12207.335	13384.924	7.807	9.102	81.918	1.004	14.788
2/13/2018 15:45	495900	131.215	20.396	299.081	12193.954	13369.765	7.797	9.091	82.008	1.004	14.79
2/13/2018 16:00	496800	131.213	20.392	299.075	12188.842	13365.28	7.794	9.088	82.042	1.004	14.789
2/13/2018 16:15	497700	131.19	20.395	299.023	12196.826	13373.035	7.799	9.094	81.989	1.004	14.793
2/13/2018 16:30	498600	131.187	20.383	299.015	12197.937	13377.671	7.802	9.097	81.981	1.004	14.79
2/13/2018 16:45	499500	131.171	20.391	298.979	12200.762	13378.62	7.803	9.097	81.962	1.004	14.794
2/13/2018 17:00	500400	131.171	20.389	298.979	12195.935	13373.742	7.8	9.094	81.995	1.004	14.792
2/13/2018 17:15	501300	131.158	20.388	298.95	12203.008	13381.721	7.805	9.1	81.947	1.004	14.797
2/13/2018 17:30	502200	131.161	20.394	298.956	12207.787	13385.468	7.807	9.102	81.915	1.004	14.795
2/13/2018 17:45	503100	131.178	20.401	298.996	12206.874	13382.37	7.805	9.1	81.921	1.004	14.797
2/13/2018 18:00	504000	131.145	20.395	298.921	12192.332	13368.155	7.796	9.09	82.019	1.004	14.803
2/13/2018 18:15	504900	131.142	20.392	298.914	12204.565	13382.401	7.805	9.1	81.937	1.004	14.795
2/13/2018 18:30	505800	131.139	20.394	298.906	12196.231	13372.602	7.799	9.093	81.993	1.004	14.801
2/13/2018 18:45	506700	131.144	20.4	298.917	12208.74	13384.828	7.807	9.102	81.909	1.004	14.795
2/13/2018 19:00	507600	131.13	20.393	298.886	12223.364	13402.622	7.818	9.114	81.811	1.004	14.807
2/13/2018 19:15	508500	131.136	20.393	298.899	12204.023	13381.415	7.804	9.099	81.94	1.004	14.806
2/13/2018 19:30	509400	131.144	20.398	298.918	12214.811	13391.875	7.811	9.106	81.868	1.004	14.806
2/13/2018 19:45	510300	131.128	20.4	298.882	12210.194	13386.228	7.808	9.103	81.899	1.004	14.809
2/13/2018 20:00	511200	131.131	20.39	298.888	12214.745	13393.978	7.812	9.108	81.868	1.004	14.811
2/13/2018 20:15	512100	131.137	20.395	298.907	12215.082	13392.854	7.812	9.107	81.866	1.004	14.81
2/13/2018 20:30	513000	131.134	20.392	298.894	12218.819	13398.128	7.815	9.111	81.841	1.004	14.815
2/13/2018 20:45	513900	131.139	20.395	298.907	12226.5	13405.669	7.82	9.116	81.79	1.004	14.813
2/13/2018 21:00	514800	131.145	20.397	298.92	12211.096	13388.219	7.809	9.104	81.893	1.004	14.811
2/13/2018 21:15	515700	131.179	20.395	298.998	12214.174	13392.127	7.811	9.107	81.872	1.004	14.816
2/13/2018 21:30	516600	131.149	20.391	298.929	12232.349	13413.135	7.824	9.121	81.75	1.004	14.816
2/13/2018 21:45	517500	131.177	20.397	298.993	12227.979	13406.605	7.82	9.116	81.78	1.004	14.82
2/13/2018 22:00	518400	131.181	20.396	299.003	12230.588	13409.86	7.822	9.119	81.762	1.004	14.819
2/13/2018 22:15	519300	131.193	20.395	299.029	12231.519	13411.172	7.823	9.12	81.756	1.004	14.819
2/13/2018 22:30	520200	131.158	20.395	298.95	12224.948	13403.846	7.819	9.115	81.8	1.004	14.818
2/13/2018 22:45	521100	131.152	20.402	298.935	12236.865	13415.101	7.826	9.122	81.72	1.004	14.825
2/13/2018 23:00	522000	131.165	20.393	298.964	12226.116	13405.763	7.82	9.116	81.792	1.004	14.822
2/13/2018 23:15	522900	131.162	20.391	298.958	12240.476	13422.119	7.83	9.127	81.696	1.004	14.826
2/13/2018 23:30	523800	131.158	20.396	298.949	12238.959	13419.449	7.828	9.125	81.706	1.004	14.828
2/13/2018 23:45	524700	131.168	20.393	298.973	12232.372	13412.694	7.824	9.121	81.75	1.004	14.82
2/14/2018 0:00	525600	131.162	20.398	298.958	12249.034	13429.396	7.835	9.132	81.639	1.004	14.824
2/14/2018 0:15	526500	131.203	20.393	299.053	12248.071	13429.859	7.835	9.132	81.646	1.004	14.821
2/14/2018 0:30	527400	131.17	20.394	298.976	12244.661	13425.729	7.832	9.129	81.668	1.004	14.823
2/14/2018 0:45	528300	131.168	20.398	298.972	12246.827	13427.15	7.833	9.13	81.654	1.004	14.818
2/14/2018 1:00	529200	131.162	20.396	298.958	12255.222	13416.859	7.839	9.137	81.598	1.004	14.837
2/14/2018 1:15	530100	131.162	20.399	298.959	12247.932	13428.017	7.834	9.131	81.646	1.004	14.824
2/14/2018 1:30	531000	131.189	20.394	299.02	12264.77	13447.728	7.846	9.144	81.534	1.004	14.819
2/14/2018 1:45	531900	131.148	20.391	298.927	12253.68	13436.426	7.839	9.137	81.608	1.004	14.826
2/14/2018 2:00	532800	131.15	20.391	298.932	12268.298	13452.627	7.849	9.148	81.511	1.004	14.822
2/14/2018 2:15	533700	131.177	20.399	298.992	12259.351	13440.412	7.842	9.139	81.57	1.004	14.816
2/14/2018 2:30	534600	131.169	20.397	298.974	12263.092	13444.982	7.845	9.143	81.546	1.004	14.82
2/14/2018 2:45	535500	131.139	20.388	298.906	12274.276	13459.821	7.854	9.153	81.471	1.004	14.803
2/14/2018 3:00	536400	131.171	20.396	298.978	12264.017	13446.388	7.845	9.144	81.539	1.004	14.804
2/14/2018 3:15	537300	131.167	20.394	298.97	12257.099	13439.293	7.841	9.139	81.585	1.004	14.804
2/14/2018 3:30	538200	131.131	20.398	298.889	12268.519	13450.784	7.848	9.147	81.509	1.004	14.804
2/14/2018 3:45	539100	131.147	20.394	298.925	12268.659	13452.116	7.849	9.147	81.508	1.004	14.806
2/14/2018 4:00	540000	131.151	20.395	298.934	12280.786	13464.954	7.857	9.156	81.428	1.004	14.806
2/14/2018 4:15	540900	131.116	20.391	298.853	12272.768	13457.355	7.852	9.151	81.481	1.004	14.803
2/14/2018 4:30	541800	131.154	20.388	298.942	12269.826	13455.21	7.851	9.15	81.501	1.004	14.798
2/14/2018 4:45	542700	131.116	20.392	298.854	12269.663	13453.681	7.85	9.149	81.502	1.004	14.806
2/14/2018 5:00	543600	131.121	20.388	298.866	12286.302	13473.008	7.862	9.162	81.391	1.004	14.797
2/14/2018 5:15	544500	131.118	20.395	298.858	12283.792	13468.412	7.859	9.159	81.408	1.004	14.8
2/14/2018 5:30	545400	131.163	20.395	298.847	12281.224	13465.504	7.858	9.157	81.425	1.004	14.8
2/14/2018 5:45	546300	131.118	20.392	298.859	12289.438	13475.563	7.864	9.163	81.371	1.004	14.808
2/14/2018 6:00	547200	131.124	20.383	298.872	12291.896	13480.546	7.867	9.167	81.354	1.004	14.803
2/14/2018 6:15	548100	131.106	20.399	298.831	12285.214	13468.914	7.86	9.159	81.399	1.004	14.816
2/14/2018 6:30											

Report Date:	2/16/2018 10:43										
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_2018-02-15_09-54-37-785.wsl										
Create Date	2/15/2018 9:54										
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 16:09	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										
8/24/2017 9:10	Log Download - Used Battery: 27% Used Memory: 37% User Name: AVanHaitsma Interval - Start Time: 8/16/2017 10:00:00 PM Stop Time: 8/24/2017 10:00:00 AM										
9/1/2017 12:30	Log Download - Used Battery: 27% Used Memory: 39% User Name: WMassoll Interval - Start Time: 7/31/2017 10:00:00 PM Stop Time: 9/1/2017 12:30:00 PM										
9/7/2017 12:58	Log Download - Used Battery: 28% Used Memory: 39% User Name: WMassoll Interval - Start Time: 8/31/2017 10:00:00 PM Stop Time: 9/7/2017 1:45:00 PM										
9/14/2017 13:40	Log Download - Used Battery: 28% Used Memory: 40% User Name: AVanHaitsma Interval - Start Time: 9/6/2017 10:00:00 PM Stop Time: 9/14/2017 2:30:00 PM										
9/21/2017 12:55	Log Download - Used Battery: 28% Used Memory: 40% User Name: AVanHaitsma Interval - Start Time: 9/13/2017 10:00:00 PM Stop Time: 9/21/2017 1:45:00 PM										
9/28/2017 11:59	Log Download - Used Battery: 29% Used Memory: 42% User Name: WMassoll Interval - Start Time: 9/20/2017 10:00:00 PM Stop Time: 9/28/2017 12:45:00 PM										
10/5/2017 13:32	Log Download - Used Battery: 29% Used Memory: 42% User Name: WMassoll Interval - Start Time: 8/31/2017 10:00:00 PM Stop Time: 10/5/2017 2:30:00 PM										
10/12/2017 14:05	Log Download - Used Battery: 29% Used Memory: 43% User Name: AVanHaitsma Interval - Start Time: 10/4/2017 10:00:00 PM Stop Time: 10/12/2017 3:00:00 PM										
10/12/2017 14:06	Log Download - Used Battery: 29% Used Memory: 43% User Name: AVanHaitsma Interval - Start Time: 10/4/2017 10:00:00 PM Stop Time: 10/12/2017 3:00:00 PM										
10/19/2017 14:12	Log Download - Used Battery: 30% Used Memory: 43% User Name: AVanHaitsma Interval - Start Time: 10/11/2017 10:00:00 PM Stop Time: 10/19/2017 3:00:00 PM										
10/26/2017 12:12	Log Download - Used Battery: 30% Used Memory: 45% User Name: WMassoll Interval - Start Time: 10/18/2017 10:00:00 PM Stop Time: 10/26/2017 1:00:00 PM										
11/2/2017 13:47	Log Download - Used Battery: 31% Used Memory: 45% User Name: WMassoll Interval - Start Time: 9/30/2017 10:00:00 PM Stop Time: 11/2/2017 1:45:00 PM										
11/9/2017 13:46	Log Download - Used Battery: 31% Used Memory: 46% User Name: AVanHaitsma Interval - Start Time: 11/1/2017 10:00:00 PM Stop Time: 11/9/2017 2:45:00 PM										
11/16/2017 11:10	Log Download - Used Battery: 31% Used Memory: 46% User Name: WMassoll Interval - Start Time: 11/9/2017 10:15:00 AM Stop Time: 11/16/2017 11:00:00 AM										
11/23/2017 14:00	Log Download - Used Battery: 32% Used Memory: 48% User Name: AVanHaitsma Interval - Start Time: 11/15/2017 10:00:00 PM Stop Time: 11/23/2017 3:00:00 PM										
12/1/2017 9:23	Log Download - Used Battery: 32% Used Memory: 48% User Name: AVanHaitsma Interval - Start Time: 10/31/2017 10:00:00 PM Stop Time: 12/1/2017 10:15:00 AM										
12/7/2017 14:26	Log Download - Used Battery: 32% Used Memory: 50% User Name: WMassoll Interval - Start Time: 11/29/2017 10:00:00 PM Stop Time: 12/7/2017 3:15:00 PM										
Log Data:											
Record Count	720										
Sensors	1										
	1										
	410756 PCTD 100 PSIG (70m/231ft)										
Time Zone: Pacific Standard Time											
Date and Time	Elapsed Time Seconds	Sensor: PCTD(G) 231ft SN#: 410756 Pressure (PSI)	Sensor: PCTD(G) 231ft SN#: 410756 Temperature (C)	Sensor: PCTD(G) 231ft SN#: 410756 Depth (ft)	Sensor: PCTD(G) 231ft SN#: 410756 Actual Conductivity (µS/cm)	Sensor: PCTD(G) 231ft SN#: 410756 Specific Conductivity (µS/cm)	Sensor: PCTD(G) 231ft SN#: 410756 Salinity (PSU)	Sensor: PCTD(G) 231ft SN#: 410756 Total Dissolved Solids (ppt)	Sensor: PCTD(G) 231ft SN#: 410756 Resistivity (ohm-cm)	Sensor: PCTD(G) 231ft SN#: 410756 Water Density (g/cm3)	
2/8/2018 0:00		7200	71.669	17.288	161.441	41099.02	48198.25	31.609	32.775	24.331	1.023
2/8/2018 0:15		8100	71.669	17.29	161.441	41104.375	48202.742	31.612	32.778	24.328	1.023
2/8/2018 0:30		9000	71.656	17.293	161.412	41113.105	48210.066	31.617	32.783	24.323	1.023
2/8/2018 0:45		9900	71.672	17.29	161.447	41140.387	48245.066	31.643	32.807	24.307	1.023
2/8/2018 1:00		10800	71.672	17.289	161.449	41097.883	48196.457	31.607	32.774	24.332	1.023
2/8/2018 1:15		11700	71.677	17.282	161.459	41111.172	48219.023	31.623	32.789	24.324	1.023
2/8/2018 1:30		12600	71.675	17.284	161.454	41065.797	48164.293	31.583	32.752	24.351	1.023
2/8/2018 1:45		13500	71.667	17.292	161.437	41097.52	48192.07	31.604	32.771	24.332	1.023
2/8/2018 2:00		14400	71.683	17.285	161.472	41087.762	48188.918	31.601	32.768	24.338	1.023
2/8/2018 2:15		15300	71.672	17.287	161.447	41107.977	48210.648	31.617	32.783	24.326	1.023
2/8/2018 2:30		16200	71.695	17.283	161.5	41080.336	48182.098	31.596	32.764	24.343	1.023
2/8/2018 2:45		17100	71.676	17.287	161.458	41111.977	48215.25	31.621	32.786	24.324	1.023
2/8/2018 3:00		18000	71.695	17.289	161.499	41092.66	48190.332	31.603	32.769	24.335	1.023
2/8/2018 3:15		18900	71.7	17.287	161.511	41107.93	482182				

2/8/2018 11:00	46800	71.692	17.292	161.493	41145.035	48248.547	31.646	32.809	24.304	1.023
2/8/2018 11:15	47700	71.705	17.299	161.523	41099.648	48199.414	31.61	32.776	24.325	1.023
2/8/2018 11:30	48600	71.688	17.281	161.485	41104.742	48212.707	31.619	32.785	24.328	1.023
2/8/2018 11:45	49500	71.673	17.288	161.45	41102.887	48202.703	31.612	32.778	24.329	1.023
2/8/2018 12:00	50400	71.668	17.285	161.44	41086.074	48186.371	31.6	32.767	24.339	1.023
2/8/2018 12:15	51300	71.672	17.289	161.448	41078.824	48173.73	31.591	32.758	24.343	1.023
2/8/2018 12:30	52200	71.656	17.288	161.412	41122.324	48226.152	31.629	32.794	24.318	1.023
2/8/2018 12:45	53100	71.65	17.288	161.399	41085.512	48183.168	31.597	32.765	24.339	1.023
2/8/2018 13:00	54000	71.646	17.285	161.39	41113.668	48218.543	31.623	32.789	24.323	1.023
2/8/2018 13:15	54900	71.636	17.281	161.368	41126.313	48238.008	31.637	32.802	24.315	1.023
2/8/2018 13:30	55800	71.63	17.28	161.354	41084.594	48190.203	31.602	32.769	24.34	1.023
2/8/2018 13:45	56700	71.63	17.279	161.354	41101.023	48210.793	31.617	32.783	24.33	1.023
2/8/2018 14:00	57600	71.627	17.278	161.347	41080.395	48188.109	31.6	32.768	24.343	1.023
2/8/2018 14:15	58500	71.617	17.291	161.325	41101.957	48198.41	31.609	32.775	24.33	1.023
2/8/2018 14:30	59400	71.617	17.289	161.323	41117.402	48218.68	31.624	32.789	24.321	1.023
2/8/2018 14:45	60300	71.632	17.285	161.359	41084.383	48184.496	31.598	32.765	24.34	1.023
2/8/2018 15:00	61200	71.627	17.283	161.348	41110.828	48218.328	31.623	32.788	24.324	1.023
2/8/2018 15:15	62100	71.608	17.285	161.305	41105.793	48209.977	31.617	32.783	24.327	1.023
2/8/2018 15:30	63000	71.611	17.289	161.31	41106.668	48206.949	31.615	32.781	24.327	1.023
2/8/2018 15:45	63900	71.604	17.278	161.295	41098.652	48208.672	31.616	32.782	24.332	1.023
2/8/2018 16:00	64800	71.632	17.286	161.357	41120.242	48225.414	31.628	32.793	24.319	1.023
2/8/2018 16:15	65700	71.61	17.291	161.309	41135.156	48237.902	31.638	32.802	24.31	1.023
2/8/2018 16:30	66600	71.611	17.284	161.31	41121.777	48229.191	31.631	32.796	24.318	1.023
2/8/2018 16:45	67500	71.625	17.282	161.342	41047.664	48144.434	31.569	32.738	24.362	1.023
2/8/2018 17:00	68400	71.63	17.288	161.352	41108.488	48210.223	31.617	32.783	24.326	1.023
2/8/2018 17:15	69300	71.613	17.293	161.314	41119.07	48216.492	31.622	32.787	24.32	1.023
2/8/2018 17:30	70200	71.611	17.286	161.31	41091.902	48192.746	31.604	32.771	24.336	1.023
2/8/2018 17:45	71100	71.623	17.287	161.338	41090.598	48189.988	31.602	32.769	24.336	1.023
2/8/2018 18:00	72000	71.64	17.287	161.376	41103.277	48204.57	31.613	32.779	24.329	1.023
2/8/2018 18:15	72900	71.639	17.285	161.373	41112.797	48218.469	31.623	32.789	24.323	1.023
2/8/2018 18:30	73800	71.624	17.281	161.341	41104.133	48211.805	31.618	32.784	24.328	1.023
2/8/2018 18:45	74700	71.632	17.278	161.359	41077.309	48183.824	31.597	32.765	24.344	1.023
2/8/2018 19:00	75600	71.633	17.288	161.36	41083.992	48180.629	31.596	32.763	24.34	1.023
2/8/2018 19:15	76500	71.639	17.287	161.373	41069.652	48165.055	31.584	32.752	24.349	1.023
2/8/2018 19:30	77400	71.653	17.282	161.406	41108	48216.148	31.621	32.787	24.326	1.023
2/8/2018 19:45	78300	71.657	17.283	161.415	41097.367	48202.164	31.611	32.777	24.332	1.023
2/8/2018 20:00	79200	71.649	17.282	161.397	41085.676	48189.684	31.602	32.769	24.339	1.023
2/8/2018 20:15	80100	71.657	17.285	161.415	41085.094	48185.512	31.599	32.766	24.34	1.023
2/8/2018 20:30	81000	71.64	17.291	161.377	41099.238	48195.965	31.607	32.773	24.331	1.023
2/8/2018 20:45	81900	71.663	17.288	161.428	41110.172	48211.332	31.618	32.784	24.325	1.023
2/8/2018 21:00	82800	71.654	17.286	161.407	41105.184	48208.512	31.616	32.782	24.328	1.023
2/8/2018 21:15	83700	71.637	17.287	161.369	41079.168	48176.773	31.593	32.76	24.343	1.023
2/8/2018 21:30	84600	71.636	17.282	161.368	41096.301	48201.477	31.611	32.777	24.333	1.023
2/8/2018 21:45	85500	71.652	17.285	161.403	41104.164	48207.398	31.615	32.781	24.328	1.023
2/8/2018 22:00	86400	71.631	17.29	161.356	41096.539	48193.555	31.605	32.772	24.333	1.023
2/8/2018 22:15	87300	71.647	17.285	161.391	41097.816	48200.336	31.61	32.776	24.332	1.023
2/8/2018 22:30	88200	71.634	17.292	161.362	41070.664	48161.047	31.582	32.75	24.348	1.023
2/8/2018 22:45	89100	71.634	17.286	161.363	41115.863	48220.848	31.625	32.79	24.322	1.023
2/8/2018 23:00	90000	71.632	17.286	161.359	41087.789	48187.813	31.601	32.768	24.338	1.023
2/8/2018 23:15	90900	71.642	17.291	161.38	41101.117	48197.605	31.608	32.774	24.33	1.023
2/8/2018 23:30	91800	71.632	17.282	161.359	41091.383	48196.57	31.607	32.774	24.336	1.023
2/8/2018 23:45	92700	71.634	17.29	161.363	41080.852	48175.25	31.592	32.759	24.342	1.023
2/9/2018 0:00	93600	71.639	17.285	161.373	41110.184	48214.566	31.62	32.786	24.325	1.023
2/9/2018 0:15	94500	71.624	17.285	161.34	41101.832	48205.703	31.614	32.78	24.33	1.023
2/9/2018 0:30	95400	71.646	17.291	161.389	41105.254	48202.555	31.612	32.778	24.328	1.023
2/9/2018 0:45	96300	71.63	17.291	161.354	41095.027	48190.184	31.603	32.769	24.334	1.023
2/9/2018 1:00	97200	71.63	17.287	161.352	41086.191	48184.344	31.598	32.765	24.339	1.023
2/9/2018 1:15	98100	71.647	17.285	161.393	41063.215	48159.48	31.58	32.748	24.353	1.023
2/9/2018 1:30	99000	71.651	17.294	161.4	41097.648	48190.055	31.603	32.769	24.332	1.023
2/9/2018 1:45	99900	71.658	17.282	161.416	41053.129	48151.223	31.574	32.743	24.359	1.023
2/9/2018 2:00	100800	71.636	17.281	161.368	41097.121	48203.77	31.612	32.779	24.333	1.023
2/9/2018 2:15	101700	71.658	17.293	161.417	41071.672	48161.102	31.582	32.75	24.348	1.023
2/9/2018 2:30	102600	71.647	17.293	161.392	41115.348	48212.598	31.619	32.785	24.322	1.023
2/9/2018 2:45	103500	71.664	17.283	161.431	41071.512	48171.836	31.589	32.757	24.348	1.023
2/9/2018 3:00	104400	71.672	17.285	161.447	41103.98	48207.371	31.615	32.781	24.329	1.023
2/9/2018 3:15	105300	71.662	17.285	161.426	41099.328	48202.574	31.611	32.778	24.331	1.023
2/9/2018 3:30	106200	71.672	17.288	161.447	41112.352	48214.074	31.62	32.786	24.324	1.023
2/9/2018 3:45	107100	71.68	17.29	161.466	41114.184	48213.789	31.62	32.785	24.323	1.023
2/9/2018 4:00	108000	71.688	17.284	161.483	41080.531	48181.199	31.596	32.763	24.342	1.023
2/9/2018 4:15	108900	71.69	17.294	161.49	41081.105	48170.742	31.589	32.756	24.342	1.023
2/9/2018 4:30	109800	71.701	17.283	161.513	41114.578	48222.445	31.626	32.791	24.322	1.023
2/9/2018 4:45	110700	71.71	17.289	161.534	41120.203	48222.445	31.626	32.791	24.319	1.023
2/9/2018 5:00	111600	71.725	17.285	161.567	41047.238	48141.582	31.567	32.736	24.362	1.023
2/9/2018 5:15	112500	71.725	17.287	161.568	41080.613	48178.469	31.594	32.761	24.342	1.023
2/9/2018 5:30	113400	71.725	17.286	161.567	41096.875	48197.91	31.608	32.775	24.333	1.023
2/9/2018 5:45	114300	71.713	17.289	161.54	41103.254	48202.09	31.611	32.777	24.329	1.023
2/9/2018 6:00	115200	71.717	17.292	161.549	41074.449	48165.676	31.585	32.753	24.346	1.023
2/9/2018 6:15	116100	71.732	17.282	161.583	41070.625	48172.031	31.589	32.757	24.348	1.023
2/9/2018 6:30	117000	71.755	17.281	161.635	41082.625	48186.766	31.6	32.767	24.341	1.023
2/9/2018 6:45	117900	71.755	17.287	161.635	41088.137	48186.543	31.6	32.767	24.338	1.023
2/9/2018 7:00	118800	71.754	17.291	161.633	41115.922	48215.445	31.621	32.787	24.321	1.023
2/9/2018 7:15	119700	71.751	17.289	161.626	41081.348	48177.148	31.593	32.76	24.342	1.023
2/9/2018 7:30	120600	71.76	17.288	161.645	41048.277	48138.66	31.565	32.734	24.362	1.023
2/9/2018 7:45	121500	71.746	17.288	161.615	41076.535	48171.883	31.589	32.757	24.345	1.023
2/9/2018 8:00	122400	71.749	17.278	161.622	41074.855	48180.945	31.595	32.763	24.346	1.023
2/9/2018 8:15	123300	71.74	17.28	161.602	41052.152	48152.527	31.575	32.744	24.359	1.023
2/9/2018 8:30	124200	71.74	17.29	161.602	41082.496	48177.465	31.593	32.761	24.341	1.023
2/9/2018 8:45	125100	71.76	17.288	161.646	41088.629	48186.254	31.6	32.767	24.338	1.023
2/9/2018 9:00	126000	71.738	17.295	161.597	41142.219	48241.746	31.641	32.804	24.306	1.023
2/9/2018 9:15	126900	71.753	17.293	161.63	41120.414	48218.637	31.624	32.789	24.319	1.023
2/9/2018 9:30	127800									

2/10/2018 7:30	207000	71.717	17.285	161.549	41081.438	48180.934	31.596	32.763	24.342	1.023
2/10/2018 7:45	207900	71.737	17.29	161.594	41067.301	48159.551	31.58	32.748	24.35	1.023
2/10/2018 8:00	208800	71.725	17.285	161.568	41085.484	48185.68	31.599	32.766	24.339	1.023
2/10/2018 8:15	209700	71.726	17.279	161.57	41108.266	48219.668	31.624	32.789	24.326	1.023
2/10/2018 8:30	210600	71.746	17.288	161.615	41111.855	48213.789	31.62	32.785	24.324	1.023
2/10/2018 8:45	211500	71.732	17.288	161.583	41095.492	48194.305	31.606	32.772	24.334	1.023
2/10/2018 9:00	212400	71.741	17.292	161.603	41085.992	48179.309	31.595	32.762	24.339	1.023
2/10/2018 9:15	213300	71.726	17.298	161.571	41102.086	48191.387	31.604	32.77	24.33	1.023
2/10/2018 9:30	214200	71.718	17.286	161.553	41102.98	48205.629	31.614	32.78	24.329	1.023
2/10/2018 9:45	215100	71.722	17.295	161.562	41081.055	48169.652	31.588	32.755	24.342	1.023
2/10/2018 10:00	216000	71.723	17.282	161.562	41084.633	48188.082	31.601	32.768	24.34	1.023
2/10/2018 10:15	216900	71.717	17.291	161.549	41080.617	48174.316	31.591	32.759	24.342	1.023
2/10/2018 10:30	217800	71.704	17.294	161.521	41073.34	48162.391	31.583	32.75	24.347	1.023
2/10/2018 10:45	218700	71.709	17.293	161.532	41106.27	48202.238	31.612	32.778	24.327	1.023
2/10/2018 11:00	219600	71.717	17.28	161.548	41077.969	48182.621	31.597	32.764	24.344	1.023
2/10/2018 11:15	220500	71.708	17.285	161.53	41096.578	48199.449	31.609	32.776	24.333	1.023
2/10/2018 11:30	221400	71.702	17.29	161.516	41098.219	48195.613	31.607	32.773	24.332	1.023
2/10/2018 11:45	222300	71.687	17.288	161.482	41115.645	48217.855	31.623	32.788	24.322	1.023
2/10/2018 12:00	223200	71.677	17.287	161.46	41122.715	48227.285	31.63	32.795	24.317	1.023
2/10/2018 12:15	224100	71.678	17.285	161.461	41110.848	48215.805	31.621	32.787	24.324	1.023
2/10/2018 12:30	225000	71.666	17.288	161.434	41100.98	48200.848	31.61	32.777	24.33	1.023
2/10/2018 12:45	225900	71.658	17.293	161.417	41124.441	48222.602	31.627	32.791	24.316	1.023
2/10/2018 13:00	226800	71.648	17.289	161.394	41045.816	48135.02	31.562	32.732	24.363	1.023
2/10/2018 13:15	227700	71.618	17.293	161.327	41142.973	48244.609	31.643	32.806	24.305	1.023
2/10/2018 13:30	228600	71.629	17.284	161.352	41075.691	48175.793	31.592	32.76	24.345	1.023
2/10/2018 13:45	229500	71.622	17.286	161.335	41063.008	48158.855	31.58	32.748	24.353	1.023
2/10/2018 14:00	230400	71.601	17.288	161.288	41091.469	48190.262	31.603	32.769	24.336	1.023
2/10/2018 14:15	231300	71.579	17.286	161.238	41119.301	48224.961	31.628	32.793	24.319	1.023
2/10/2018 14:30	232200	71.577	17.29	161.234	41087.629	48183.195	31.598	32.765	24.338	1.023
2/10/2018 14:45	233100	71.587	17.289	161.257	41073.25	48167.758	31.586	32.754	24.347	1.023
2/10/2018 15:00	234000	71.566	17.282	161.209	41099.387	48206.043	31.614	32.78	24.331	1.023
2/10/2018 15:15	234900	71.561	17.283	161.198	41094.18	48198.711	31.609	32.775	24.334	1.023
2/10/2018 15:30	235800	71.564	17.278	161.205	41131.945	48247.633	31.644	32.808	24.312	1.023
2/10/2018 15:45	236700	71.544	17.281	161.159	41123.68	48235.301	31.635	32.8	24.317	1.023
2/10/2018 16:00	237600	71.544	17.277	161.16	41076.227	48183.793	31.597	32.765	24.345	1.023
2/10/2018 16:15	238500	71.554	17.276	161.183	41114.313	48229.688	31.631	32.796	24.322	1.023
2/10/2018 16:30	239400	71.558	17.278	161.192	41079.246	48185.91	31.599	32.766	24.343	1.023
2/10/2018 16:45	240300	71.533	17.276	161.135	41069.699	48176.785	31.592	32.76	24.349	1.023
2/10/2018 17:00	241200	71.547	17.284	161.166	41091.93	48194.184	31.605	32.772	24.336	1.023
2/10/2018 17:15	242100	71.532	17.29	161.133	41086.289	48181.266	31.596	32.763	24.339	1.023
2/10/2018 17:30	243000	71.531	17.288	161.131	41082.91	48179.656	31.595	32.762	24.341	1.023
2/10/2018 17:45	243900	71.547	17.29	161.166	41106.328	48204.844	31.613	32.779	24.327	1.023
2/10/2018 18:00	244800	71.551	17.298	161.175	41101.191	48190.527	31.603	32.77	24.33	1.023
2/10/2018 18:15	245700	71.531	17.292	161.131	41102.691	48198.324	31.609	32.775	24.329	1.023
2/10/2018 18:30	246600	71.562	17.295	161.2	41089.25	48179.172	31.595	32.762	24.337	1.023
2/10/2018 18:45	247500	71.559	17.283	161.194	41074.281	48174.516	31.591	32.759	24.346	1.023
2/10/2018 19:00	248400	71.539	17.284	161.149	41102.051	48207.008	31.615	32.781	24.33	1.023
2/10/2018 19:15	249300	71.569	17.293	161.217	41107.484	48203.477	31.613	32.778	24.326	1.023
2/10/2018 19:30	250200	71.554	17.282	161.183	41121.336	48231.32	31.632	32.797	24.318	1.023
2/10/2018 19:45	251100	71.571	17.289	161.221	41092.449	48190.273	31.603	32.769	24.335	1.023
2/10/2018 20:00	252000	71.575	17.287	161.23	41125.535	48230.293	31.632	32.797	24.316	1.023
2/10/2018 20:15	252900	71.581	17.28	161.244	41099.641	48208.32	31.615	32.782	24.331	1.023
2/10/2018 20:30	253800	71.583	17.293	161.248	41080.844	48172.328	31.59	32.757	24.342	1.023
2/10/2018 20:45	254700	71.581	17.292	161.244	41118.301	48216.625	31.622	32.787	24.32	1.023
2/10/2018 21:00	255600	71.579	17.29	161.239	41117.043	48217.141	31.622	32.788	24.321	1.023
2/10/2018 21:15	256500	71.599	17.291	161.284	41113.199	48212.152	31.619	32.784	24.323	1.023
2/10/2018 21:30	257400	71.574	17.283	161.226	41104.52	48210.09	31.617	32.783	24.328	1.023
2/10/2018 21:45	258300	71.604	17.294	161.295	41113.859	48210.004	31.617	32.783	24.323	1.023
2/10/2018 22:00	259200	71.604	17.292	161.295	41091.996	48186.539	31.6	32.767	24.336	1.023
2/10/2018 22:15	260100	71.59	17.286	161.263	41113.559	48217.387	31.622	32.788	24.323	1.023
2/10/2018 22:30	261000	71.606	17.286	161.301	41100.867	48202.504	31.612	32.778	24.33	1.023
2/10/2018 22:45	261900	71.605	17.285	161.298	41077.297	48176.078	31.592	32.76	24.344	1.023
2/10/2018 23:00	262800	71.602	17.284	161.291	41060.898	48157.789	31.579	32.747	24.354	1.023
2/10/2018 23:15	263700	71.606	17.286	161.298	41072.203	48169.164	31.587	32.755	24.347	1.023
2/10/2018 23:30	264600	71.593	17.285	161.271	41061.465	48157.43	31.578	32.747	24.354	1.023
2/10/2018 23:45	265500	71.593	17.284	161.271	41078.629	48179.156	31.594	32.762	24.344	1.023
2/11/2018 0:00	266400	71.587	17.282	161.256	41092.066	48196.703	31.607	32.774	24.336	1.023
2/11/2018 0:15	267300	71.6	17.286	161.287	41073.191	48170.133	31.588	32.756	24.347	1.023
2/11/2018 0:30	268200	71.601	17.291	161.288	41064.766	48155.168	31.577	32.746	24.352	1.023
2/11/2018 0:45	269100	71.591	17.286	161.265	41093.324	48194.414	31.606	32.772	24.335	1.023
2/11/2018 1:00	270000	71.575	17.298	161.23	41108.875	48199.816	31.61	32.776	24.326	1.023
2/11/2018 1:15	270900	71.599	17.286	161.284	41088.277	48188.195	31.601	32.768	24.338	1.023
2/11/2018 1:30	271800	71.585	17.288	161.252	41056.02	48148.012	31.572	32.741	24.357	1.023
2/11/2018 1:45	272700	71.595	17.29	161.275	41056.945	48147.594	31.572	32.74	24.356	1.023
2/11/2018 2:00	273600	71.603	17.284	161.293	41057.777	48154.887	31.577	32.745	24.356	1.023
2/11/2018 2:15	274500	71.584	17.296	161.249	41093.418	48183.961	31.598	32.765	24.335	1.023
2/11/2018 2:30	275400	71.595	17.289	161.275	41066.758	48159.766	31.58	32.749	24.351	1.023
2/11/2018 2:45	276300	71.579	17.278	161.238	41059.664	48163.316	31.582	32.751	24.355	1.023
2/11/2018 3:00	277200	71.58	17.294	161.24	41079.844	48169.262	31.588	32.755	24.343	1.023
2/11/2018 3:15	278100	71.594	17.285	161.273	41086.555	48186.934	31.6	32.767	24.339	1.023
2/11/2018 3:30	279000	71.584	17.283	161.249	41051.254	48147.797	31.571	32.741	24.36	1.023
2/11/2018 3:45	279900	71.582	17.298	161.245	41072.871	48156.758	31.579	32.747	24.347	1.023
2/11/2018 4:00	280800	71.605	17.286	161.298	41051.094	48144.59	31.569	32.738	24.36	1.023
2/11/2018 4:15	281700	71.593	17.292	161.271	41073.711	48165	31.584	32.752	24.346	1.023
2/11/2018 4:30	282600	71.61	17.298	161.309	41099.629	48188.234	31.602	32.768	24.331	1.023
2/11/2018 4:45	283500	71.622	17.289	161.335	41040.699	48129.289	31.558	32.728	24.366	1.023
2/11/2018 5:00	284400	71.625	17.282	161.342	41102.633	48209.098	31.616	32.782	24.329	1.023
2/11/2018 5:15	285300	71.611	17.282	161.31	41074.059	48175.77	31.592	32.76	24.346	1.023
2/11/2018 5:30	286200	71.635	17.293	161.364	41045.961	48131.145	31.56	32.729	24.363	1.023
2/11/2018 5										

2/12/2018 4:00	367200	71.604	17.285	161.296	41076.406	48174.953	31.591	32.759	24.345	1.023
2/12/2018 4:15	368100	71.595	17.285	161.274	41049.719	48144.023	31.569	32.738	24.361	1.023
2/12/2018 4:30	369000	71.6	17.283	161.286	41076.676	48177.992	31.593	32.761	24.345	1.023
2/12/2018 4:45	369900	71.618	17.287	161.327	41108.766	48211.199	31.618	32.784	24.326	1.023
2/12/2018 5:00	370800	71.606	17.283	161.299	41085.211	48188.191	31.601	32.768	24.34	1.023
2/12/2018 5:15	371700	71.626	17.293	161.345	41086.355	48178.512	31.594	32.761	24.339	1.023
2/12/2018 5:30	372600	71.629	17.285	161.352	41060.219	48156.707	31.578	32.747	24.354	1.023
2/12/2018 5:45	373500	71.623	17.278	161.337	41085.078	48192.75	31.604	32.771	24.34	1.023
2/12/2018 6:00	374400	71.623	17.286	161.338	41098.875	48198.082	31.608	32.775	24.332	1.023
2/12/2018 6:15	375300	71.649	17.298	161.397	41088.715	48178.258	31.594	32.761	24.338	1.023
2/12/2018 6:30	376200	71.641	17.296	161.378	41078.953	48166.348	31.586	32.753	24.343	1.023
2/12/2018 6:45	377100	71.659	17.292	161.419	41031.129	48114.496	31.547	32.718	24.372	1.023
2/12/2018 7:00	378000	71.655	17.284	161.409	41061.836	48158.98	31.58	32.748	24.354	1.023
2/12/2018 7:15	378900	71.678	17.288	161.462	41074.195	48169.055	31.587	32.755	24.346	1.023
2/12/2018 7:30	379800	71.685	17.303	161.478	41071.531	48150.109	31.574	32.742	24.348	1.023
2/12/2018 7:45	380700	71.696	17.298	161.502	41083.406	48169.488	31.588	32.755	24.341	1.023
2/12/2018 8:00	381600	71.698	17.295	161.506	41035.992	48116.723	31.549	32.719	24.369	1.023
2/12/2018 8:15	382500	71.71	17.282	161.534	41053.883	48152.672	31.575	32.744	24.358	1.023
2/12/2018 8:30	383400	71.711	17.291	161.537	41081.984	48175.836	31.592	32.76	24.342	1.023
2/12/2018 8:45	384300	71.696	17.29	161.502	41043.391	48131.512	31.56	32.729	24.364	1.023
2/12/2018 9:00	385200	71.709	17.288	161.532	41090.102	48188.08	31.601	32.768	24.337	1.023
2/12/2018 9:15	386100	71.71	17.289	161.534	41013.695	48097.996	31.535	32.707	24.382	1.023
2/12/2018 9:30	387000	71.732	17.291	161.584	41068.09	48158.785	31.58	32.748	24.35	1.023
2/12/2018 9:45	387900	71.733	17.286	161.586	41067.117	48163.012	31.583	32.751	24.35	1.023
2/12/2018 10:00	388800	71.733	17.297	161.585	41055.914	48138.289	31.565	32.734	24.357	1.023
2/12/2018 10:15	389700	71.736	17.285	161.593	41082.348	48182.289	31.597	32.764	24.341	1.023
2/12/2018 10:30	390600	71.736	17.289	161.593	41008.84	48091.848	31.531	32.702	24.385	1.023
2/12/2018 10:45	391500	71.735	17.3	161.59	41079.801	48162.996	31.583	32.751	24.343	1.023
2/12/2018 11:00	392400	71.728	17.293	161.575	41067.098	48155.828	31.578	32.746	24.35	1.023
2/12/2018 11:15	393300	71.715	17.287	161.545	41066.887	48161.703	31.582	32.75	24.351	1.023
2/12/2018 11:30	394200	71.719	17.292	161.553	41048.262	48134.879	31.562	32.732	24.362	1.023
2/12/2018 11:45	395100	71.724	17.293	161.565	41095.461	48188.809	31.602	32.768	24.334	1.023
2/12/2018 12:00	396000	71.697	17.288	161.503	41132.109	48237.922	31.637	32.802	24.312	1.023
2/12/2018 12:15	396900	71.712	17.3	161.538	41080.496	48163.813	31.584	32.751	24.342	1.023
2/12/2018 12:30	397800	71.697	17.279	161.505	41070.238	48175.063	31.591	32.759	24.349	1.023
2/12/2018 12:45	398700	71.676	17.28	161.458	41082.793	48188	31.601	32.768	24.341	1.023
2/12/2018 13:00	399600	71.672	17.28	161.447	41101.605	48210.348	31.617	32.783	24.33	1.023
2/12/2018 13:15	400500	71.661	17.286	161.424	41113.98	48218.449	31.623	32.789	24.323	1.023
2/12/2018 13:30	401400	71.666	17.301	161.434	41075.586	48157.305	31.579	32.747	24.345	1.023
2/12/2018 13:45	402300	71.657	17.286	161.415	41086.152	48186.191	31.6	32.767	24.339	1.023
2/12/2018 14:00	403200	71.632	17.284	161.359	41072.762	48172.461	31.589	32.757	24.347	1.023
2/12/2018 14:15	404100	71.624	17.291	161.339	41065.559	48156.195	31.578	32.746	24.351	1.023
2/12/2018 14:30	405000	71.613	17.281	161.316	41106.785	48215.293	31.621	32.786	24.327	1.023
2/12/2018 14:45	405900	71.618	17.289	161.326	41076.359	48170.84	31.589	32.756	24.345	1.023
2/12/2018 15:00	406800	71.593	17.294	161.271	41108.539	48202.824	31.612	32.778	24.326	1.023
2/12/2018 15:15	407700	71.587	17.286	161.257	41101.305	48203.961	31.613	32.779	24.33	1.023
2/12/2018 15:30	408600	71.576	17.291	161.233	41102.563	48199.02	31.609	32.775	24.329	1.023
2/12/2018 15:45	409500	71.568	17.284	161.215	41098.664	48202.652	31.611	32.778	24.332	1.023
2/12/2018 16:00	410400	71.556	17.283	161.188	41094.965	48198.777	31.609	32.775	24.334	1.023
2/12/2018 16:15	411300	71.552	17.284	161.179	41127.867	48237.285	31.637	32.801	24.314	1.023
2/12/2018 16:30	412200	71.569	17.289	161.215	41129.719	48233.793	31.635	32.799	24.313	1.023
2/12/2018 16:45	413100	71.546	17.282	161.165	41074.082	48175.898	31.592	32.76	24.346	1.023
2/12/2018 17:00	414000	71.536	17.289	161.143	41101.117	48199.773	31.61	32.776	24.33	1.023
2/12/2018 17:15	414900	71.547	17.282	161.166	41104.375	48211.426	31.618	32.784	24.328	1.023
2/12/2018 17:30	415800	71.531	17.287	161.131	41095.559	48195.516	31.606	32.773	24.334	1.023
2/12/2018 17:45	416700	71.536	17.291	161.142	41100.297	48196.934	31.608	32.774	24.331	1.023
2/12/2018 18:00	417600	71.527	17.296	161.122	41109.926	48202.664	31.612	32.778	24.325	1.023
2/12/2018 18:15	418500	71.529	17.282	161.126	41113.336	48221.75	31.625	32.791	24.323	1.023
2/12/2018 18:30	419400	71.539	17.283	161.149	41087.391	48190.461	31.602	32.77	24.338	1.023
2/12/2018 18:45	420300	71.546	17.286	161.164	41052.484	48146.598	31.571	32.74	24.359	1.023
2/12/2018 19:00	421200	71.536	17.291	161.142	41080.012	48173.605	31.591	32.758	24.343	1.023
2/12/2018 19:15	422100	71.548	17.283	161.169	41084.141	48187.027	31.6	32.767	24.34	1.023
2/12/2018 19:30	423000	71.557	17.299	161.19	41128.188	48220.477	31.625	32.79	24.314	1.023
2/12/2018 19:45	423900	71.547	17.293	161.166	41082.398	48173.77	31.591	32.758	24.341	1.023
2/12/2018 20:00	424800	71.562	17.289	161.2	41088.27	48184.895	31.599	32.766	24.338	1.023
2/12/2018 20:15	425700	71.554	17.288	161.182	41094.855	48194.234	31.606	32.772	24.334	1.023
2/12/2018 20:30	426600	71.556	17.286	161.186	41082.246	48181.422	31.596	32.763	24.341	1.023
2/12/2018 20:45	427500	71.581	17.293	161.244	41060.164	48148.078	31.572	32.741	24.355	1.023
2/12/2018 21:00	428400	71.563	17.29	161.203	41100.5	48197.742	31.608	32.774	24.331	1.023
2/12/2018 21:15	429300	71.563	17.29	161.202	41093.953	48190.145	31.603	32.769	24.334	1.023
2/12/2018 21:30	430200	71.593	17.288	161.271	41067.328	48161.758	31.582	32.75	24.35	1.023
2/12/2018 21:45	431100	71.595	17.287	161.274	41083.055	48181.043	31.596	32.763	24.341	1.023
2/12/2018 22:00	432000	71.582	17.289	161.245	41044.359	48133.211	31.561	32.731	24.364	1.023
2/12/2018 22:15	432900	71.61	17.288	161.307	41075.77	48171.555	31.589	32.757	24.345	1.023
2/12/2018 22:30	433800	71.609	17.29	161.306	41084.102	48178.512	31.594	32.761	24.34	1.023
2/12/2018 22:45	434700	71.601	17.294	161.289	41069.949	48158.035	31.579	32.747	24.349	1.023
2/12/2018 23:00	435600	71.621	17.288	161.333	41078.047	48173.57	31.59	32.758	24.344	1.023
2/12/2018 23:15	436500	71.602	17.293	161.29	41057.66	48144.293	31.569	32.738	24.356	1.023
2/12/2018 23:30	437400	71.611	17.276	161.31	41073.195	48180.801	31.595	32.763	24.347	1.023
2/12/2018 23:45	438300	71.613	17.282	161.314	41095.125	48200.199	31.61	32.776	24.334	1.023
2/13/2018 0:00	439200	71.607	17.284	161.301	41073.645	48172.832	31.59	32.758	24.347	1.023
2/13/2018 0:15	440100	71.615	17.291	161.32	41119.188	48218.703	31.624	32.789	24.32	1.023
2/13/2018 0:30	441000	71.627	17.287	161.348	41043.156	48133.98	31.561	32.731	24.365	1.023
2/13/2018 0:45	441900	71.613	17.293	161.314	41078.305	48168.5	31.587	32.755	24.344	1.023
2/13/2018 1:00	442800	71.626	17.293	161.345	41065.371	48154.281	31.577	32.745	24.351	1.023
2/13/2018 1:15	443700	71.622	17.294	161.336	41080.926	48170.629	31.589	32.756	24.342	1.023
2/13/2018 1:30	444600	71.62	17.287	161.331	41038.281	48128.82	31.558	32.728	24.367	1.023
2/13/2018 1:45	445500	71.627	17.291	161.347	41044.297	48130.695	31.559	32.729	24.364	1.023
2/13/2018 2:00	446400	71.616	17.292	161.322	41058.234	48146.004	31.571	32.739	24.356	1.023
2/13										

2/14/2018 0:30	527400	71.524	17.284	161.114	41031.063	48123.555	31.554	32.724	24.372	1.023
2/14/2018 0:45	528300	71.536	17.286	161.142	41080.441	48179.305	31.595	32.762	24.342	1.023
2/14/2018 1:00	529200	71.527	17.279	161.122	41055.961	48157.457	31.578	32.747	24.357	1.023
2/14/2018 1:15	530100	71.547	17.288	161.166	41051.191	48143.488	31.568	32.738	24.359	1.023
2/14/2018 1:30	531000	71.526	17.291	161.119	41059.691	48149.027	31.573	32.741	24.355	1.023
2/14/2018 1:45	531900	71.524	17.284	161.114	41056.059	48152.574	31.575	32.744	24.357	1.023
2/14/2018 2:00	532800	71.54	17.289	161.151	41052.336	48142.668	31.568	32.737	24.359	1.023
2/14/2018 2:15	533700	71.54	17.285	161.151	41074.332	48173.355	31.59	32.758	24.346	1.023
2/14/2018 2:30	534600	71.52	17.289	161.107	41081.445	48176.992	31.593	32.76	24.342	1.023
2/14/2018 2:45	535500	71.516	17.282	161.096	41035.906	48130.93	31.559	32.729	24.369	1.023
2/14/2018 3:00	536400	71.541	17.302	161.154	41035.008	48108.785	31.544	32.714	24.369	1.023
2/14/2018 3:15	537300	71.523	17.295	161.113	41042.352	48124.73	31.555	32.725	24.365	1.023
2/14/2018 3:30	538200	71.516	17.289	161.096	41084.43	48180.949	31.596	32.763	24.34	1.023
2/14/2018 3:45	539100	71.533	17.291	161.136	41028.906	48113.676	31.547	32.717	24.373	1.023
2/14/2018 4:00	540000	71.541	17.298	161.154	41031.609	48109.133	31.544	32.714	24.371	1.023
2/14/2018 4:15	540900	71.545	17.285	161.163	41013.57	48101.336	31.537	32.709	24.382	1.023
2/14/2018 4:30	541800	71.514	17.292	161.092	41022.336	48104.188	31.54	32.711	24.377	1.023
2/14/2018 4:45	542700	71.517	17.294	161.099	41059.68	48146.559	31.571	32.74	24.355	1.023
2/14/2018 5:00	543600	71.533	17.289	161.134	41060.191	48151.965	31.575	32.743	24.354	1.023
2/14/2018 5:15	544500	71.536	17.299	161.142	41053.352	48132.734	31.561	32.73	24.359	1.023
2/14/2018 5:30	545400	71.522	17.285	161.11	41078.258	48177.586	31.593	32.761	24.344	1.023
2/14/2018 5:45	546300	71.527	17.292	161.122	41064.117	48153.66	31.576	32.744	24.352	1.023
2/14/2018 6:00	547200	71.546	17.291	161.163	41093.004	48188.652	31.602	32.768	24.335	1.023
2/14/2018 6:15	548100	71.551	17.286	161.175	41057.492	48151.633	31.574	32.743	24.356	1.023
2/14/2018 6:30	549000	71.554	17.284	161.183	41032.551	48124.824	31.555	32.725	24.371	1.023
2/14/2018 6:45	549900	71.544	17.287	161.159	41039.133	48129.074	31.558	32.728	24.367	1.023
2/14/2018 7:00	550800	71.55	17.285	161.173	41038.289	48130.898	31.559	32.729	24.367	1.023
2/14/2018 7:15	551700	71.559	17.285	161.193	41060.254	48156.656	31.578	32.747	24.354	1.023
2/14/2018 7:30	552600	71.581	17.287	161.244	41057.777	48151.129	31.574	32.743	24.356	1.023
2/14/2018 7:45	553500	71.568	17.282	161.213	40992.547	48079.887	31.522	32.694	24.395	1.023
2/14/2018 8:00	554400	71.589	17.291	161.26	41043.91	48130.43	31.559	32.729	24.364	1.023
2/14/2018 8:15	555300	71.591	17.278	161.265	41033.664	48132.727	31.56	32.73	24.37	1.023
2/14/2018 8:30	556200	71.6	17.299	161.285	41034.766	48111.887	31.546	32.716	24.37	1.023
2/14/2018 8:45	557100	71.611	17.295	161.312	41073.02	48160.5	31.581	32.749	24.347	1.023
2/14/2018 9:00	558000	71.599	17.287	161.283	41044.402	48136.188	31.563	32.733	24.364	1.023
2/14/2018 9:15	558900	71.622	17.292	161.335	41070.777	48161.469	31.582	32.75	24.348	1.023
2/14/2018 9:30	559800	71.635	17.285	161.366	41024.602	48114.563	31.547	32.718	24.376	1.023
2/14/2018 9:45	560700	71.638	17.294	161.372	41080.805	48170.863	31.589	32.756	24.342	1.023
2/14/2018 10:00	561600	71.617	17.29	161.325	41047.973	48137.07	31.564	32.733	24.362	1.023
2/14/2018 10:15	562500	71.628	17.289	161.35	41037.641	48125.242	31.555	32.725	24.368	1.023
2/14/2018 10:30	563400	71.644	17.288	161.385	41042.27	48132.074	31.56	32.73	24.365	1.023
2/14/2018 10:45	564300	71.638	17.292	161.371	41056.344	48143.785	31.569	32.738	24.357	1.023
2/14/2018 11:00	565200	71.651	17.278	161.4	41074.285	48180.465	31.595	32.763	24.346	1.023
2/14/2018 11:15	566100	71.634	17.291	161.363	41052.727	48141.527	31.567	32.736	24.359	1.023
2/14/2018 11:30	567000	71.66	17.281	161.422	41058.75	48158.762	31.579	32.748	24.355	1.023
2/14/2018 11:45	567900	71.641	17.285	161.379	41024.484	48114.52	31.547	32.718	24.376	1.023
2/14/2018 12:00	568800	71.645	17.287	161.387	41074.762	48171.605	31.589	32.757	24.346	1.023
2/14/2018 12:15	569700	71.654	17.292	161.409	41110.176	48207.289	31.615	32.781	24.325	1.023
2/14/2018 12:30	570600	71.644	17.285	161.385	41092.816	48194.09	31.605	32.772	24.335	1.023
2/14/2018 12:45	571500	71.639	17.294	161.373	41060.68	48147.457	31.572	32.74	24.354	1.023
2/14/2018 13:00	572400	71.632	17.287	161.359	41065.102	48160.18	31.581	32.749	24.352	1.023
2/14/2018 13:15	573300	71.628	17.294	161.35	41125.848	48223.121	31.627	32.792	24.316	1.023
2/14/2018 13:30	574200	71.604	17.286	161.296	41036.148	48127.441	31.557	32.727	24.369	1.023
2/14/2018 13:45	575100	71.59	17.285	161.263	41053.156	48148.145	31.572	32.741	24.359	1.023
2/14/2018 14:00	576000	71.582	17.284	161.246	41073.582	48173.508	31.59	32.758	24.347	1.023
2/14/2018 14:15	576900	71.578	17.287	161.237	41100.891	48201.688	31.611	32.777	24.33	1.023
2/14/2018 14:30	577800	71.581	17.285	161.244	41069.965	48167.477	31.586	32.754	24.349	1.023
2/14/2018 14:45	578700	71.563	17.283	161.203	41065.941	48165.023	31.584	32.752	24.351	1.023
2/14/2018 15:00	579600	71.535	17.283	161.14	41040.445	48135.777	31.562	32.732	24.366	1.023
2/14/2018 15:15	580500	71.544	17.292	161.16	41107.383	48203.727	31.613	32.779	24.327	1.023
2/14/2018 15:30	581400	71.518	17.287	161.101	41072.855	48169.082	31.587	32.755	24.347	1.023
2/14/2018 15:45	582300	71.508	17.284	161.08	41054.199	48150.313	31.573	32.742	24.358	1.023
2/14/2018 16:00	583200	71.49	17.291	161.038	41063.195	48153.426	31.576	32.744	24.353	1.023
2/14/2018 16:15	584100	71.489	17.297	161.037	41115.16	48207.852	31.616	32.781	24.322	1.023
2/14/2018 16:30	585000	71.468	17.302	160.988	41096.523	48180.531	31.596	32.763	24.333	1.023
2/14/2018 16:45	585900	71.474	17.287	161.002	41087.641	48186.613	31.6	32.767	24.338	1.023
2/14/2018 17:00	586800	71.468	17.289	160.988	41111.824	48213.074	31.619	32.785	24.324	1.023
2/14/2018 17:15	587700	71.446	17.293	160.94	41066.176	48154.371	31.577	32.745	24.351	1.023
2/14/2018 17:30	588600	71.45	17.287	160.949	41093.336	48192.531	31.604	32.771	24.335	1.023
2/14/2018 17:45	589500	71.443	17.3	160.933	41069.074	48150.609	31.574	32.742	24.349	1.023
2/14/2018 18:00	590400	71.437	17.285	160.92	41074.684	48173.301	31.59	32.758	24.346	1.023
2/14/2018 18:15	591300	71.442	17.284	160.929	41041.082	48134.641	31.562	32.732	24.366	1.023
2/14/2018 18:30	592200	71.435	17.293	160.915	41100.449	48195.129	31.606	32.773	24.331	1.023
2/14/2018 18:45	593100	71.433	17.278	160.91	41061.32	48165.355	31.584	32.752	24.354	1.023
2/14/2018 19:00	594000	71.408	17.285	160.855	41095.203	48197.367	31.608	32.774	24.334	1.023
2/14/2018 19:15	594900	71.424	17.292	160.89	41054.34	48141.438	31.567	32.736	24.358	1.023
2/14/2018 19:30	595800	71.414	17.284	160.868	41109.266	48215.172	31.621	32.786	24.325	1.023
2/14/2018 19:45	596700	71.401	17.303	160.837	41094.191	48176.953	31.594	32.76	24.334	1.023
2/14/2018 20:00	597600	71.421	17.285	160.882	41055.668	48151	31.574	32.743	24.357	1.023
2/14/2018 20:15	598500	71.433	17.294	160.911	41105.836	48200.496	31.61	32.776	24.327	1.023
2/14/2018 20:30	599400	71.421	17.284	160.882	41080.531	48181.66	31.596	32.764	24.342	1.023
2/14/2018 20:45	600300	71.438	17.295	160.92	41113.105	48207.141	31.615	32.781	24.323	1.023
2/14/2018 21:00	601200	71.447	17.29	160.941	41098.172	48195.012	31.606	32.773	24.332	1.023
2/14/2018 21:15	602100	71.431	17.289	160.906	41086.09	48182.816	31.597	32.764	24.339	1.023
2/14/2018 21:30	603000	71.434	17.291	160.911	41063.051	48152.965	31.576	32.744	24.353	1.023
2/14/2018 21:45	603900	71.459	17.295	160.969	41069.633	48157.098	31.579	32.747	24.349	1.023
2/14/2018 22:00	604800	71.443	17.283	160.933	41060.594	48158.465	31.579	32.748	24.354	1.023
2/14/2018 22:15	605700	71.467	17.285	160.987	41068.984	48166.617	31.585	32.753	24.349	1.023
2/14/2018 22:30	606600	71.447	17.287	160.941	41031.625	48121.105	31.552	32.722	24.371	1.023
2/14/201										

Report Date: 2/16/2018 10:43
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_2018-02-15_09-56-24-358-BaroMerge.wsl
Create Date 2/16/2018 10:40

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
Depth 1.012

Other Log Settings
Depth of Probe: 78.3792 (ft)
Head Pressure: 34.3873 (PSI)
Temperature: 16.2281 (C)
Specific Conductivity Model: Standard Methods
Reference Temperature: 25
Temperature Coefficient: 0.0191
TDS Factor: 0.68

Log Notes:
Date and Time Note
1/15/2016 9:07 Used Battery: 2% Used Memory: 6% User Name: KMakar
1/21/2016 9:00 Log Download - Used Battery: 2% Used Memory: 3% User Name: KMakar
1/28/2016 9:25 Log Download - Used Battery: 2% Used Memory: 3% User Name: KMakar Interval - Start Time: 1/18/2016 11:45:00 AM Stop Time: 1/28/2016 9:15:00 AM
2/4/2016 10:20 Log Download - Used Battery: 3% Used Memory: 4% User Name: CShaw Interval - Start Time: 1/15/2016 9:15:00 AM Stop Time: 2/4/2016 10:15:00 AM
2/11/2016 10:08 Log Download - Used Battery: 3% Used Memory: 6% User Name: CShaw Interval - Start Time: 2/2/2016 2:30:00 PM Stop Time: 2/11/2016 11:00:00 AM
2/18/2016 11:29 Log Download - Used Battery: 3% Used Memory: 6% User Name: CShaw Interval - Start Time: 2/4/2016 3:00:00 AM Stop Time: 2/18/2016 12:00:00 PM
2/25/2016 10:53 Log Download - Used Battery: 4% Used Memory: 7% User Name: KMakar Interval - Start Time: 2/15/2016 5:30:00 PM Stop Time: 2/25/2016 10:45:00 AM
3/3/2016 12:57 Log Download - Used Battery: 4% Used Memory: 7% User Name: Skuiper Interval - Start Time: 1/31/2016 12:00:01 AM Stop Time: 3/3/2016 1:45:00 PM
3/10/2016 14:40 Log Download - Used Battery: 7% Used Memory: 14% User Name: KMakar Interval - Start Time: 3/1/2016 12:00:00 PM Stop Time: 3/10/2016 2:30:00 PM
3/17/2016 12:40 Log Download - Used Battery: 5% Used Memory: 9% User Name: Skuiper Interval - Start Time: 3/8/2016 12:00:01 AM Stop Time: 3/17/2016 1:30:00 PM
3/24/2016 9:01 Log Download - Used Battery: 5% Used Memory: 10% User Name: KMakar Interval - Start Time: 3/15/2016 12:00:00 PM Stop Time: 3/24/2016 9:00:00 AM
3/31/2016 15:14 Log Download - Used Battery: 6% Used Memory: 10% User Name: Skuiper Interval - Start Time: 3/22/2016 12:00:00 PM Stop Time: 3/31/2016 4:00:00 PM
4/7/2016 9:43 Log Download - Used Battery: 6% Used Memory: 12% User Name: KMakar Interval - Start Time: 2/29/2016 5:00:00 PM Stop Time: 4/7/2016 9:45:00 AM
4/14/2016 15:18 Log Download - Used Battery: 6% Used Memory: 12% User Name: Skuiper Interval - Start Time: 4/5/2016 12:00:00 PM Stop Time: 4/14/2016 4:15:00 PM
4/21/2016 13:31 Log Download - Used Battery: 7% Used Memory: 14% User Name: Elinden Interval - Start Time: 4/12/2016 1:30:00 PM Stop Time: 4/21/2016 2:30:05 PM
4/28/2016 8:25 Log Download - Used Battery: 7% Used Memory: 14% User Name: KMakar Interval - Start Time: 4/19/2016 5:00:00 PM Stop Time: 4/28/2016 8:15:00 AM
5/5/2016 9:32 Log Download - Used Battery: 7% Used Memory: 15% User Name: Skuiper Interval - Start Time: 3/31/2016 12:00:00 PM Stop Time: 5/5/2016 10:15:00 AM
5/12/2016 10:18 Log Download - Used Battery: 8% Used Memory: 15% User Name: Skuiper Interval - Start Time: 5/3/2016 12:00:00 PM Stop Time: 5/12/2016 10:15:00 AM
5/19/2016 14:12 Log Download - Used Battery: 8% Used Memory: 17% User Name: Elinden Interval - Start Time: 5/10/2016 12:00:00 PM Stop Time: 5/19/2016 3:00:00 PM
5/26/2016 9:07 Log Download - Used Battery: 8% Used Memory: 17% User Name: Skuiper Interval - Start Time: 5/17/2016 6:00:00 PM Stop Time: 5/26/2016 9:00:00 AM
6/2/2016 11:47 Log Download - Used Battery: 9% Used Memory: 18% User Name: Skuiper Interval - Start Time: 6/30/2016 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: 9/28/2016 10:00:00 PM Stop Time: 10/6/2016 12:00:00 PM
10/13/2016 16:33 Log Download - Used Battery: 16% Used Memory: 34% User Name: Skuiper Interval - Start Time: 10/5/2016 10:00:00 PM Stop Time: 10/13/2016 5:15:00 PM
10/20/2016 16:56 Log Download - Used Battery: 16% Used Memory: 34% User Name: Skuiper Interval - Start Time: 10/12/2016 10:00:00 PM Stop Time: 10/20/2016 4:30:00 PM
10/20/2016 17:30 Log Download - Used Battery: 16% Used Memory: 34% User Name: Skuiper Interval - Start Time: 10/12/2016 10:00:00 PM Stop Time: 10/20/2016 6:30:00 PM
10/27/2016 12:47 Log Download - Used Battery: 16% Used Memory: 35% User Name: Skuiper Interval - Start Time: 10/19/2016 10:00:00 PM Stop Time: 10/27/2016 12:45:00 PM
11/3/2016 15:56 Log Download - Used Battery: 17% Used Memory: 35% User Name: Skuiper Interval - Start Time: 9/30/2016 5:00:00 PM Stop Time: 11/3/2016 4:45:00 PM
11/11/2016 8:29 Log Download - Used Battery: 17% Used Memory: 37% User Name: Skuiper Interval - Start Time: 11/2/2016 10:00:00 PM Stop Time: 11/11/2016 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
2/16/2018 10:40 User Note: "Pressure & Level adjusted by baro data from: "MPWSP Barotroll_2018-02-15_16-52-45-921.wsl""

Log Data:
Record Count 720

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

Time Zone: Pacific Standard 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 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)								
2/8/2018 0:00	7200		20.298	16.09	46.265	730.734	880.591	0.436	598.802	1368.487	0.999	14.84							
2/8/2018 0:15	8100		20.313	16.09	46.298	730.487	880.295	0.436	598.6	1368.949	0.999	14.832							
2/8/2018 0:30	9000		20.3	16.09	46.269	730.751	880.613	0.436	598.817	1368.455	0.999	14.839							
2/8/2018 0:45	9900		20.309	16.09	46.29	730.716	880.571	0.436	598.788	1368.52	0.999	14.835							
2/8/2018 1:00	10800		20.3	16.09	46.27	730.736	880.595	0.436	598.804	1368.483	0.999	14.838							
2/8/2018 1:15	11700		20.297	16.09	46.263	730.736	880.6	0.436	598.808	1368.484	0.999	14.834							
2/8/2018 1:30	12600		20.309	16.09	46.29	730.748	880.616	0.436	598.819	1368.462	0.999	14.831							
2/8/2018 1:45	13500		20.299	16.09	46.267	730.805	880.686	0.436	598.866	1368.355	0.999	14.836							
2/8/2018 2:00	14400		20.306	16.09	46.283	730.791	880.672	0.436	598.857	1368.38	0.999	14.829							
2/8/2018 2:15	15300		20.307	16.09	46.286	730.456	880.265	0.436	598.58	1369.007	0.999	14.826							
2/8/2018 2:30	16200		20.303	16.09	46.277	730.858	880.749	0.436	598.909	1368.254	0.999	14.828							
2/8/2018 2:45	17100		20.296	16.09	46.261	730.451	880.263	0.436	598.579	1369.018	0.999	14.833							
2/8/2018 3:00	18000		20.306	16.09	46.284	730.888	880.789	0.436	598.936	1368.198	0.999	14.827							
2/8/2018 3:15	18900		20.307	16.09	46.287	730.709	880.57	0.436	598.787	1368.533	0.999	14.827							
2/8/2018 3:30	19800		20.306	16.089	46.284	730.864	880.763	0.436	598.919	1368.244	0.999	14.824							
2/8/2018 3:45	20700		20.305	16.09	46.282	730.736	880.601	0.436	598.809	1368.484	0.999	14.82							
2/8/2018 4:00	21600		20.3	16.089	46.269	730.451	880.271	0.436	598.584	1369.017	0.999	14.827							
2/8/2018 4:15	22500		20.309	16.09	46.289	730.621	880.464	0.436	598.715	1368.698	0.999	14.832							
2/8/2018 4:30	23400		20.322	16.09	46.319	730.719	880.579	0.436	598.794	1368.515	0.999	14.822							
2/8/2018 4:45	24300		20.308	16.09	46.288	730.719	880.584	0.436	598.797	1368.516	0.999	14.827							
2/8/2018 5:00	25200		20.314	16.09	46.28	730.671	880.527	0.436	598.758	1368.605	0.999	14.827							
2/8/2018 5:15	26100		20.31	16.089	46.294	730.531	880.374	0.436	598.654	1368.867	0.999	14.827							
2/8/2018 5:30	27000		20.302	16.089	46.274	730.962	880.89	0.436	599.005	1368.061	0.999	14.827							
2/8/2018 5:45	27900		20.302	16.09	46.275	730.638	880.489	0.436	598.732	1368.667	0.999	14.829							
2/8/2018 6:00	28800		20.296	16.089	46.262	730.824	880.72	0.436	598.89	1368.318	0.999	14.832							
2/8/2018 6:15	29700		20.306	16.089	46.283	730.939	880.855	0.436	598.981	1368.103	0.999	14.826							
2/8/2018 6:30	30600		20.31	16.09	46.294	730.702	880.562	0.436	598.782	1368.548	0.999	14.826							
2/8/2018 6:45	31500		20.31	16.089	46.292	730.922	880.833	0.436	598.967	1368.134	0.999	14.834							
2/8/2018 7:00	32400		20.308	16.089	46.284	730.671	880.537	0.436	598.765	1368.605	0.999	14.828							
2/8/2018 7:15	33300		20.296	16.089	46.261	730.751	880.629	0.436	598.828	1368.455	0.999	14.832							
2/8/2018 7:30	34200		20.301	16.089	46.272	731.074	881.032	0.437	599.102	1367.851	0.999	14.832							
2/8/2018 7:45	35100		20.301	16.089	46.272	730.854	880.762	0.436	598.918	1368.262	0.999	14.836							
2/8/2018 8:00	36000		20.306	16.089	46.284	730.874	880.781	0.436	598.931	1368.225	0.999	14.827							
2/8/2018 8:15	36900		20.3	16.089	46.27	730.877	880.781	0.436	598.931	1368.219	0.999	14.838							
2/8/2018 8:30	37800		20.3	16.089	46.269	730.835	880.732	0.436	598.898	1368.297	0.999	14.837							
2/8/2018 8:45	38700		20.306	16.089	46.285	730.937	880.853	0.436	598.98	1368.107	0.999	14.838							
2/8/2018 9:00	39600		20.3	16.089	46.269	731.083	881.036	0.437	599.105	1367.833	0.999	14.84							
2/8/2018 9:15	40500		20.296	16.089	46.261	731.047	880.989	0.437	599.073	1367.9	0.999	14.839							
2/8/2018 9:30	41400		20.294	16.09	46.256	731.182	881.144	0.437	599.178	1367.649	0.999	14.841							
2/8/2018 9:45	42300		20.303	16.09	46.276	731.114	881.061	0.437	599.121	1367.776	0.999	14.837							
2/8/2018 10:00	43200		20.295	16.09	46.26	731.042	880.974	0.437	599.062	1367.911	0.999	14.836							
2/8/2018 10:15	44100		20.299	16.09	46.268	731.323	881.306	0.437	599.288	1367.385	0.999	14.835							
2/8/2018 10:30	45000		20.313	16.09	46.299	731.09	881.025	0.437	599.097	1367.82	0.999	14.828							
2/8/2018 10:45	45900		20.299	16.09	46.249	731.044	880.969	0.436	599.057	1367.907	0.999	14.836							
2/8/2018 11:00	46800		20.299	16.091	46.267	731.392	881.376	0.437	599.336	1367.255	0.999	14.828							
2/8/2018 11:15	47700		20.298	16.092	46.265	731.78	881.819	0.437	599.637	1366.53	0.999	14.826							
2/8/2018 11:30	48600		20.307	16.09	46.286	731.262	881.225	0.437	599.233	1367.5	0.999	14.823							
2/8/2018 11:45	49500		20.31	16.09	46.294	731.48	881.489	0.437	599.412	1367.092	0.999	14.817							
2/8/2018 12:00	50400		20.303	16.09	46.277	731.444	881.442	0.437	599.381	1367.159	0.999	14.817							
2/8/2018 12:15	51300		20.312	16.091	46.298	731.407	881.39	0.437	599.346	1367.228	0.999	14.82							
2/8/2018 12:30	52200		20.307	16.091	46.285	731.64	881.685	0.437	599.533	1366.792	0.999	14.804							
2/8/2018 12:45	53100		20.309	16.09	46.291	731.541	881.559	0.437	599.46	1366.978	0.999	14.795							
2/8/2018 13:00	54000		20.316	16.09	46.307	731.528	881.543	0.437	599.449	1367.003	0.999	14.79							
2/8/2018 13:15	54900		20.318	16.091	46.31	731.628	881.655	0.437	599.525	1366.816	0.999	14.785							
2/8/2018 13:30	55800		20.316	16.091	46.306	731.39	881.368	0.437	599.33	1367.26	0.999	14.786							
2/8/2018 13:45	56700		20.309	16.091	46.291	731.937	882.028	0.437	599.779	1366.237	0.999	14.784							
2/8/2018 14:00	57600		20.306	16.09	46.284	731.495	881.504	0.437	599.423	1367.063	0.999	14.783							
2/8/2018 14:15	58500		20.312	16.091	46.312	731.826	881.896	0.437	599.689	1366.445	0.999	14.774							
2/8/2018 14:30	59400		20.312	16.09	46.297	731.536	881.555	0.437	599.458	1366.987	0.999	14.776							
2/8/2018 14:45	60300		20.318	16.09	46.311	731.722	881.78	0.437	599.61	1366.639	0.999	14.781							
2/8/2018 15:00	61200		20.311	16.09	46.296	731.746	881.811	0.437	599.632	1366.595	0.999	14.775							
2/8/2018 15:15	62100		20.311	16.09	46.294	732.065	882.194	0.437	599.892	1365.999	0.999	14.778							
2/8/2018 15:30	63000		20.312	16.09	46.297	731.7	881.757	0.437	599.595	1366.68	0.999	14.774							
2/8/2018 15:45	63900		20.319	16.091	46.314	731.922	882.014	0.437	599.77	1366.266	0.999	14.773							
2/8/2018 16:00	64800		20.312	16.09	46.297	732.073	882.205	0.437	599.9	1365.984	0.999	14.775							
2/8/2018 16:15	65700		20.309	16.09	46.29	731.829	881.912	0.437	599.7	1366.439	0.999	14.774							
2/8/2018 16:30	66600		20.323	16.089	46.322	731.891	882.004	0.437	599.763	1366.324	0.999	14.766							
2/8/2018 16:45	67500		20.315	16.09	46.305	732.14	882.29	0.437	599.957	1365.859	0.999	14.778							
2/8/2018 17:00	68400		20.301	16.09	46.272	732.084	882.223	0.437	599.912	1365.963	0.999	14.781							
2/8/2018 17:15	69300		20.311	16.09	46.295	732.162	882.32	0.437	599.977	1365.818	0.999	14.778							

2/8/2018 17:30	70200	20.314	16.089	46.301	732.097	882.25	0.437	599.93	1365.938	0.999	14.772
2/8/2018 17:45	71100	20.305	16.09	46.282	731.991	882.11	0.437	599.835	1366.138	0.999	14.778
2/8/2018 18:00	72000	20.32	16.09	46.316	732.161	882.311	0.437	599.972	1365.82	0.999	14.768
2/8/2018 18:15	72900	20.307	16.089	46.285	732.388	882.6	0.437	600.168	1365.396	0.999	14.773
2/8/2018 18:30	73800	20.311	16.09	46.296	731.968	882.083	0.437	599.817	1366.179	0.999	14.776
2/8/2018 18:45	74700	20.312	16.09	46.301	732.287	882.474	0.437	600.083	1365.585	0.999	14.775
2/8/2018 19:00	75600	20.311	16.09	46.311	732.347	882.333	0.437	600.133	1365.474	0.999	14.771
2/8/2018 19:15	76500	20.308	16.09	46.289	732.345	882.537	0.437	600.125	1365.477	0.999	14.776
2/8/2018 19:30	77400	20.304	16.09	46.279	732.434	882.641	0.437	600.196	1365.31	0.999	14.775
2/8/2018 19:45	78300	20.317	16.09	46.309	732.503	882.731	0.437	600.257	1365.182	0.999	14.767
2/8/2018 20:00	79200	20.31	16.09	46.292	732.301	882.491	0.437	600.094	1365.559	0.999	14.773
2/8/2018 20:15	80100	20.302	16.09	46.275	732.629	882.887	0.437	600.363	1364.947	0.999	14.776
2/8/2018 20:30	81000	20.314	16.089	46.301	732.501	882.738	0.437	600.362	1365.185	0.999	14.762
2/8/2018 20:45	81900	20.318	16.09	46.312	732.39	882.599	0.437	600.167	1365.392	0.999	14.774
2/8/2018 21:00	82800	20.313	16.089	46.301	732.697	882.974	0.438	600.422	1364.821	0.999	14.773
2/8/2018 21:15	83700	20.31	16.09	46.292	732.566	882.804	0.437	600.307	1365.064	0.999	14.776
2/8/2018 21:30	84600	20.312	16.089	46.298	732.718	882.999	0.438	600.439	1364.782	0.999	14.781
2/8/2018 21:45	85500	20.315	16.089	46.305	732.818	883.119	0.438	600.521	1364.596	0.999	14.78
2/8/2018 22:00	86400	20.301	16.09	46.271	732.78	883.062	0.438	600.482	1364.665	0.999	14.788
2/8/2018 22:15	87300	20.31	16.09	46.292	732.97	883.288	0.438	600.636	1364.312	0.999	14.778
2/8/2018 22:30	88200	20.311	16.09	46.295	732.557	882.792	0.437	600.299	1365.082	0.999	14.788
2/8/2018 22:45	89100	20.307	16.089	46.286	732.989	883.324	0.438	600.66	1364.277	0.999	14.787
2/8/2018 23:00	90000	20.303	16.09	46.276	733.041	883.374	0.438	600.694	1364.181	0.999	14.783
2/8/2018 23:15	90900	20.3	16.09	46.27	732.861	883.163	0.438	600.551	1364.514	0.999	14.786
2/8/2018 23:30	91800	20.3	16.09	46.27	733.173	883.536	0.438	600.805	1363.935	0.999	14.786
2/8/2018 23:45	92700	20.304	16.09	46.278	732.867	883.171	0.438	600.557	1364.504	0.999	14.784
2/9/2018 0:00	93600	20.308	16.09	46.289	732.926	883.226	0.438	600.594	1364.395	0.999	14.781
2/9/2018 0:15	94500	20.305	16.09	46.282	733.079	883.411	0.438	600.719	1364.11	0.999	14.778
2/9/2018 0:30	95400	20.301	16.09	46.273	733.243	883.618	0.438	600.86	1363.803	0.999	14.782
2/9/2018 0:45	96300	20.309	16.09	46.29	733.265	883.649	0.438	600.881	1363.764	0.999	14.777
2/9/2018 1:00	97200	20.313	16.09	46.3	733.048	883.381	0.438	600.699	1364.167	0.999	14.77
2/9/2018 1:15	98100	20.309	16.09	46.291	733.343	883.738	0.438	600.942	1363.618	0.999	14.774
2/9/2018 1:30	99000	20.308	16.09	46.288	733.056	883.387	0.438	600.703	1364.152	0.999	14.774
2/9/2018 1:45	99900	20.301	16.09	46.272	733.393	883.793	0.438	600.979	1363.525	0.999	14.777
2/9/2018 2:00	100800	20.322	16.09	46.321	733.062	883.399	0.438	600.711	1364.142	0.999	14.763
2/9/2018 2:15	101700	20.306	16.09	46.283	733.29	883.67	0.438	600.896	1363.717	0.999	14.772
2/9/2018 2:30	102600	20.313	16.09	46.3	733.307	883.689	0.438	600.959	1363.685	0.999	14.766
2/9/2018 2:45	103500	20.306	16.09	46.284	733.375	883.769	0.438	600.963	1363.559	0.999	14.766
2/9/2018 3:00	104400	20.323	16.09	46.322	733.301	883.685	0.438	600.906	1363.696	0.999	14.759
2/9/2018 3:15	105300	20.312	16.09	46.296	733.433	883.845	0.438	601.014	1363.451	0.999	14.767
2/9/2018 3:30	106200	20.308	16.09	46.289	733.504	883.93	0.438	601.073	1363.319	0.999	14.763
2/9/2018 3:45	107100	20.313	16.09	46.299	733.372	883.771	0.438	600.964	1363.565	0.999	14.762
2/9/2018 4:00	108000	20.306	16.09	46.286	733.333	883.727	0.438	600.938	1363.636	0.999	14.764
2/9/2018 4:15	108900	20.314	16.09	46.303	733.618	884.066	0.438	601.165	1363.107	0.999	14.757
2/9/2018 4:30	109800	20.32	16.09	46.316	733.44	883.857	0.438	601.023	1363.438	0.999	14.751
2/9/2018 4:45	110700	20.321	16.09	46.317	733.52	883.951	0.438	601.086	1363.29	0.999	14.757
2/9/2018 5:00	111600	20.325	16.09	46.326	733.613	884.056	0.438	601.158	1363.116	0.999	14.753
2/9/2018 5:15	112500	20.318	16.09	46.31	733.492	883.921	0.438	601.066	1363.341	0.999	14.755
2/9/2018 5:30	113400	20.323	16.09	46.323	733.456	883.871	0.438	601.022	1363.408	0.999	14.753
2/9/2018 5:45	114300	20.311	16.09	46.295	733.691	884.152	0.438	601.224	1362.971	0.999	14.752
2/9/2018 6:00	115200	20.317	16.09	46.308	733.452	883.868	0.438	601.03	1363.415	0.999	14.75
2/9/2018 6:15	116100	20.31	16.09	46.292	733.427	883.839	0.438	601.011	1363.462	0.999	14.752
2/9/2018 6:30	117000	20.31	16.09	46.294	733.739	884.217	0.438	601.268	1362.882	0.999	14.752
2/9/2018 6:45	117900	20.318	16.09	46.311	733.546	883.977	0.438	601.104	1363.242	0.999	14.748
2/9/2018 7:00	118800	20.322	16.09	46.32	733.678	884.14	0.438	601.215	1362.996	0.999	14.754
2/9/2018 7:15	119700	20.306	16.09	46.284	733.695	884.162	0.438	601.22	1362.964	0.999	14.76
2/9/2018 7:30	120600	20.308	16.09	46.288	733.613	884.062	0.438	601.162	1363.116	0.999	14.765
2/9/2018 7:45	121500	20.308	16.09	46.289	733.827	884.314	0.438	601.333	1362.719	0.999	14.765
2/9/2018 8:00	122400	20.321	16.09	46.318	733.959	884.478	0.438	601.445	1362.474	0.999	14.762
2/9/2018 8:15	123300	20.308	16.09	46.287	733.707	884.185	0.438	601.246	1362.943	0.999	14.771
2/9/2018 8:30	124200	20.314	16.09	46.302	734.043	884.582	0.438	601.516	1362.317	0.999	14.767
2/9/2018 8:45	125100	20.315	16.09	46.303	733.771	884.249	0.438	601.289	1362.812	0.999	14.762
2/9/2018 9:00	126000	20.306	16.09	46.283	733.84	884.336	0.438	601.348	1362.694	0.999	14.764
2/9/2018 9:15	126900	20.32	16.09	46.315	733.754	884.226	0.438	601.274	1362.854	0.999	14.762
2/9/2018 9:30	127800	20.297	16.09	46.264	733.938	884.457	0.438	601.431	1362.512	0.999	14.771
2/9/2018 9:45	128700	20.305	16.09	46.281	734.005	884.536	0.438	601.484	1362.389	0.999	14.768
2/9/2018 10:00	129600	20.313	16.09	46.299	733.784	884.264	0.438	601.299	1362.8	0.999	14.762
2/9/2018 10:15	130500	20.309	16.09	46.29	734.056	884.522	0.438	601.523	1362.294	0.999	14.764
2/9/2018 10:30	131400	20.307	16.09	46.286	734.037	884.564	0.438	601.504	1362.328	0.999	14.764
2/9/2018 10:45	132300	20.311	16.09	46.294	734.357	884.956	0.439	601.77	1361.736	0.999	14.767
2/9/2018 11:00	133200	20.313	16.09	46.299	733.955	884.463	0.438	601.435	1362.48	0.999	14.761
2/9/2018 11:15	134100	20.303	16.09	46.278	734.114	884.651	0.438	601.563	1362.186	0.999	14.763
2/9/2018 11:30	135000	20.312	16.09	46.298	734.328	884.909	0.439	601.738	1361.789	0.999	14.755
2/9/2018 11:45	135900	20.304	16.09	46.284	734.055	884.578	0.438	601.515	1362.297	0.999	14.758
2/9/2018 12:00	136800	20.309	16.09	46.291	734.123	884.652	0.438	601.563	1362.169	0.999	14.749
2/9/2018 12:15	137700	20.314	16.09	46.302	734.263	884.814	0.438	601.674	1361.91	0.999	14.748
2/9/2018 12:30	138600	20.305	16.09	46.282	734.141	884.661	0.438	601.57	1362.137	0.999	14.749
2/9/2018 12:45	139500	20.313	16.09	46.299	734.317	884.883	0.439	601.72	1361.81	0.999	14.743
2/9/2018 13:00	140400	20.318	16.09	46.311	734.324	884.783	0.438	601.653	1361.963	0.999	14.737
2/9/2018 13:15	141300	20.313	16.09	46.31	734.473	885.062	0.439	601.842	1361.52	0.999	14.734
2/9/2018 13:30	142200	20.307	16.09	46.286	734.418	885.009	0.439	601.806	1361.622	0.999	14.735
2/9/2018 13:45	143100	20.317	16.09	46.309	734.403	884.99	0.439	601.793	1361.651	0.999	14.731
2/9/2018 14:00	144000	20.32	16.09	46.316	734.41	884.986	0.439	601.79	1361.637	0.999	14.728
2/9/2018 14:15	144900	20.324	16.09	46.325	734.291	884.853	0.438	601.7	1361.859	0.999	14.724
2/9/2018 14:30	145800	20.327	16.09	46.332	734.431	885.026	0.439	601.818	1361.598	0.999	14.723
2/9/2018 14:45	146700	20.329	16.09	46.339	734.581	88					

2/10/2018 22:15	260100	20314	16089	46302	737.662	888.97	0.441	604.499	1355.634	0.999	14.698
2/10/2018 22:30	261000	20319	16088	46313	737.815	889.159	0.441	604.628	1355.353	0.999	14.694
2/10/2018 22:45	261900	20319	16089	46314	737.721	889.039	0.441	604.547	1355.525	0.999	14.699
2/10/2018 23:00	262800	20319	16088	46312	737.528	888.814	0.441	604.393	1355.88	0.999	14.701
2/10/2018 23:15	263700	20325	16088	46328	737.839	889.188	0.441	604.648	1355.31	0.999	14.696
2/10/2018 23:30	264600	20311	16089	46295	737.865	889.218	0.441	604.668	1355.261	0.999	14.702
2/10/2018 23:45	265500	2032	16089	46315	737.946	889.315	0.441	604.734	1355.113	0.999	14.702
2/11/2018 0:00	266400	20313	16089	463	737.978	889.35	0.441	604.758	1355.054	0.999	14.704
2/11/2018 0:15	267300	20317	16088	4631	737.878	889.238	0.441	604.682	1355.237	0.999	14.701
2/11/2018 0:30	268200	20319	16088	46312	737.859	889.213	0.441	604.665	1355.272	0.999	14.707
2/11/2018 0:45	269100	20324	16088	46325	738.018	889.406	0.441	604.796	1354.98	0.999	14.71
2/11/2018 1:00	270000	20309	16088	46289	738.221	889.655	0.441	604.966	1354.609	0.999	14.714
2/11/2018 1:15	270900	20318	16089	4631	737.829	889.731	0.441	604.938	1355.327	0.999	14.714
2/11/2018 1:30	271800	2032	16088	46316	738.205	889.63	0.441	604.948	1354.636	0.999	14.712
2/11/2018 1:45	272700	20318	16088	46312	738.127	889.535	0.441	604.884	1354.781	0.999	14.706
2/11/2018 2:00	273600	20312	16088	46296	738.328	889.777	0.441	605.048	1354.412	0.999	14.72
2/11/2018 2:15	274500	20314	16088	46301	738.096	889.504	0.441	604.863	1354.837	0.999	14.717
2/11/2018 2:30	275400	20311	16088	46295	738.146	889.558	0.441	604.9	1354.745	0.999	14.713
2/11/2018 2:45	276300	20317	16089	46308	738.272	889.714	0.441	605.006	1354.514	0.999	14.702
2/11/2018 3:00	277200	20321	16089	46317	738.465	889.938	0.441	605.158	1354.16	0.999	14.714
2/11/2018 3:15	278100	20308	16089	46289	738.261	889.688	0.441	604.987	1354.535	0.999	14.714
2/11/2018 3:30	279000	20307	16088	46285	738.437	889.911	0.441	605.139	1354.212	0.999	14.719
2/11/2018 3:45	279900	20311	16088	46295	738.58	890.083	0.441	605.257	1353.949	0.999	14.717
2/11/2018 4:00	280800	20317	16089	46309	738.263	889.698	0.441	604.994	1354.531	0.999	14.718
2/11/2018 4:15	281700	20319	16088	46313	738.257	889.694	0.441	604.992	1354.542	0.999	14.714
2/11/2018 4:30	282600	20318	16088	4631	738.366	889.825	0.441	605.081	1354.342	0.999	14.711
2/11/2018 4:45	283500	20312	16088	46298	738.466	889.947	0.441	605.164	1354.159	0.999	14.712
2/11/2018 5:00	284400	20319	16088	46312	738.521	890.019	0.441	605.213	1354.057	0.999	14.709
2/11/2018 5:15	285300	20317	16088	46309	738.588	890.094	0.441	605.264	1353.935	0.999	14.708
2/11/2018 5:30	286200	2032	16088	46316	738.726	890.263	0.441	605.379	1353.682	0.999	14.708
2/11/2018 5:45	287100	20315	16088	46304	738.393	889.863	0.441	605.107	1354.292	0.999	14.713
2/11/2018 6:00	288000	20327	16088	46332	738.632	890.15	0.441	605.302	1353.854	0.999	14.7
2/11/2018 6:15	288900	20326	16089	46329	738.46	889.935	0.441	605.156	1354.169	0.999	14.708
2/11/2018 6:30	289800	20319	16088	46313	738.529	890.021	0.441	605.215	1354.043	0.999	14.705
2/11/2018 6:45	290700	20321	16089	46318	738.642	890.152	0.441	605.303	1353.836	0.999	14.714
2/11/2018 7:00	291600	20316	16088	46305	738.8	890.349	0.441	605.437	1353.546	0.999	14.713
2/11/2018 7:15	292500	46.3	16088	463	738.449	890.425	0.441	605.149	1354.19	0.999	14.712
2/11/2018 7:30	293400	20308	16088	46289	738.762	890.301	0.441	605.405	1353.615	0.999	14.716
2/11/2018 7:45	294300	20317	16088	46309	738.797	890.344	0.441	605.434	1353.553	0.999	14.711
2/11/2018 8:00	295200	20327	16088	46332	738.772	890.323	0.441	605.42	1353.598	0.999	14.707
2/11/2018 8:15	296100	20309	16088	4629	738.862	890.423	0.441	605.488	1353.433	0.999	14.717
2/11/2018 8:30	297000	20309	16089	4629	738.668	890.186	0.441	605.326	1353.788	0.999	14.717
2/11/2018 8:45	297900	20325	16089	46326	738.847	890.364	0.441	605.468	1353.461	0.999	14.711
2/11/2018 9:00	298800	20305	16089	4628	738.98	890.558	0.441	605.58	1353.216	0.999	14.724
2/11/2018 9:15	299700	20319	16088	46313	738.636	890.163	0.441	605.311	1353.847	0.999	14.713
2/11/2018 9:30	300600	20316	16088	46306	738.963	890.542	0.441	605.569	1353.248	0.999	14.714
2/11/2018 9:45	301500	20317	16089	46309	739.024	890.606	0.441	605.612	1353.136	0.999	14.715
2/11/2018 10:00	302400	20315	16089	46305	739.158	890.773	0.442	605.726	1352.89	0.999	14.714
2/11/2018 10:15	303300	20316	16089	46307	738.991	890.874	0.441	605.583	1353.196	0.999	14.715
2/11/2018 10:30	304200	20322	16088	4632	738.995	890.585	0.441	605.598	1353.188	0.999	14.712
2/11/2018 10:45	305100	20308	16089	46289	738.883	890.437	0.441	605.497	1353.395	0.999	14.717
2/11/2018 11:00	306000	20311	16089	46296	739.107	890.7	0.442	605.676	1352.984	0.999	14.719
2/11/2018 11:15	306900	20304	16089	4628	739.105	890.697	0.442	605.674	1352.988	0.999	14.72
2/11/2018 11:30	307800	20316	16089	46307	739.11	890.711	0.442	605.684	1352.978	0.999	14.709
2/11/2018 11:45	308700	20312	16089	46298	739.156	890.76	0.442	605.717	1352.894	0.999	14.71
2/11/2018 12:00	309600	20308	16089	46287	739.223	890.833	0.442	605.767	1352.771	0.999	14.711
2/11/2018 12:15	310500	2032	16089	46315	739.223	890.84	0.442	605.771	1352.771	0.999	14.704
2/11/2018 12:30	311400	20311	16089	46294	739.298	890.93	0.442	605.833	1352.635	0.999	14.7
2/11/2018 12:45	312300	20319	16089	46313	738.927	890.481	0.441	605.527	1353.315	0.999	14.695
2/11/2018 13:00	313200	20311	1609	46295	739.311	890.935	0.442	605.836	1352.611	0.999	14.702
2/11/2018 13:15	314100	20315	1609	46304	739.129	890.715	0.442	605.886	1352.943	0.999	14.695
2/11/2018 13:30	315000	20318	1609	4631	739.084	890.659	0.441	605.648	1353.027	0.999	14.687
2/11/2018 13:45	315900	20322	1609	46321	739.369	891.008	0.442	605.886	1352.505	0.999	14.674
2/11/2018 14:00	316800	20331	16089	46341	739.078	890.667	0.441	605.653	1353.038	0.999	14.665
2/11/2018 14:15	317700	20324	1609	46325	739.449	891.103	0.442	605.95	1352.359	0.999	14.665
2/11/2018 14:30	318600	20323	1609	46322	739.187	890.784	0.442	605.733	1352.838	0.999	14.658
2/11/2018 14:45	319500	20324	16089	46325	739.03	890.604	0.441	605.611	1353.125	0.999	14.656
2/11/2018 15:00	320400	20326	1609	46329	739.2	890.29	0.442	605.744	1352.813	0.999	14.665
2/11/2018 15:15	321300	20321	16089	46317	739.418	891.071	0.442	605.929	1352.415	0.999	14.669
2/11/2018 15:30	322200	20322	16089	46319	739.344	890.991	0.442	605.874	1352.551	0.999	14.672
2/11/2018 15:45	323100	20322	16089	4632	739.345	890.991	0.442	605.874	1352.548	0.999	14.662
2/11/2018 16:00	324000	20319	16089	46313	739.355	891.005	0.442	605.883	1352.53	0.999	14.663
2/11/2018 16:15	324900	20323	16089	46323	739.594	891.289	0.442	606.077	1352.093	0.999	14.666
2/11/2018 16:30	325800	20308	16089	46288	739.613	891.314	0.442	606.093	1352.058	0.999	14.674
2/11/2018 16:45	326700	20323	16089	46322	739.617	891.313	0.442	606.093	1352.05	0.999	14.671
2/11/2018 17:00	327600	20316	16089	46307	739.841	891.592	0.442	606.282	1351.642	0.999	14.669
2/11/2018 17:15	328500	20316	16089	46306	739.395	891.059	0.442	605.92	1352.457	0.999	14.669
2/11/2018 17:30	329400	20329	16089	46337	739.696	891.418	0.442	606.165	1351.908	0.999	14.666
2/11/2018 17:45	330300	20326	16089	46329	739.679	891.402	0.442	606.153	1351.938	0.999	14.667
2/11/2018 18:00	331200	2032	16089	46316	739.763	891.5	0.442	606.22	1351.784	0.999	14.671
2/11/2018 18:15	332100	20328	16089	46335	739.902	891.673	0.442	606.338	1351.53	0.999	14.667
2/11/2018 18:30	333000	20315	16089	46304	740	891.779	0.442	606.41	1351.352	0.999	14.67
2/11/2018 18:45	333900	20322	16089	46321	739.942	891.718	0.442	606.368	1351.457	0.999	14.669
2/11/2018 19:00	334800	20315	16089	46305	740.14	891.943	0.442	606.521	1351.096	0.999	14.676
2/11/2018 19:15	335700	20314	16089	46302	739.832	891.579	0.442	606.274	1351.659	0.999	14.671
2/11/2018 19:30	336600	20308	16089	4629	740.076	891.829	0.442	606.475	1351.212	0.999	14.675
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2/13/2018 3:00	450000	20.302	16.091	46.274	742.906	895.234	0.444	608.759	1346.066	0.999	14.737
2/13/2018 3:15	450900	20.297	16.092	46.264	742.726	895.014	0.444	608.609	1346.392	0.999	14.743
2/13/2018 3:30	451800	20.298	16.091	46.265	742.898	895.227	0.444	608.754	1346.08	0.999	14.747
2/13/2018 3:45	452700	20.304	16.092	46.28	742.772	895.068	0.444	608.646	1346.309	0.999	14.742
2/13/2018 4:00	453600	20.296	16.091	46.26	742.714	895.002	0.444	608.601	1346.413	0.999	14.744
2/13/2018 4:15	454500	20.307	16.091	46.285	742.861	895.179	0.444	608.722	1346.146	0.999	14.742
2/13/2018 4:30	455400	20.307	16.092	46.286	742.687	894.964	0.444	608.576	1346.462	0.999	14.739
2/13/2018 4:45	456300	20.299	16.091	46.267	742.995	895.341	0.444	608.832	1345.903	0.999	14.754
2/13/2018 5:00	457200	20.289	16.091	46.244	742.726	895.016	0.444	608.611	1346.392	0.999	14.759
2/13/2018 5:15	458100	20.295	16.091	46.257	742.917	895.252	0.444	608.771	1346.046	0.999	14.761
2/13/2018 5:30	459000	20.299	16.091	46.267	743.093	895.462	0.444	608.914	1345.727	0.999	14.761
2/13/2018 5:45	459900	20.301	16.092	46.271	742.897	894.972	0.444	608.581	1346.444	0.999	14.764
2/13/2018 6:00	460800	20.301	16.091	46.271	742.724	895.013	0.444	608.609	1346.396	0.999	14.764
2/13/2018 6:15	461700	20.3	16.092	46.27	742.909	895.235	0.444	608.76	1346.059	0.999	14.772
2/13/2018 6:30	462600	20.296	16.092	46.26	742.953	895.283	0.444	608.792	1345.98	0.999	14.774
2/13/2018 6:45	463500	20.284	16.091	46.233	742.938	895.275	0.444	608.787	1346.007	0.999	14.779
2/13/2018 7:00	464400	20.3	16.092	46.269	742.965	895.302	0.444	608.806	1345.959	0.999	14.779
2/13/2018 7:15	465300	20.291	16.091	46.249	742.829	895.144	0.444	608.698	1346.205	0.999	14.782
2/13/2018 7:30	466200	20.287	16.092	46.241	742.972	895.311	0.444	608.811	1345.945	0.999	14.786
2/13/2018 7:45	467100	20.282	16.092	46.229	742.932	895.261	0.444	608.778	1346.018	0.999	14.793
2/13/2018 8:00	468000	20.286	16.092	46.239	743.02	895.365	0.444	608.848	1345.859	0.999	14.791
2/13/2018 8:15	468900	20.292	16.092	46.251	742.661	894.928	0.444	608.551	1346.51	0.999	14.794
2/13/2018 8:30	469800	20.285	16.092	46.236	742.967	895.294	0.444	608.8	1345.955	0.999	14.8
2/13/2018 8:45	470700	20.286	16.092	46.239	742.904	895.219	0.444	608.749	1346.07	0.999	14.799
2/13/2018 9:00	471600	20.288	16.092	46.243	743.047	895.385	0.444	608.862	1345.81	0.999	14.801
2/13/2018 9:15	472500	20.291	16.092	46.249	742.772	895.057	0.444	608.639	1346.309	0.999	14.804
2/13/2018 9:30	473400	20.292	16.093	46.252	742.936	895.244	0.444	608.766	1346.011	0.999	14.805
2/13/2018 9:45	474300	20.297	16.092	46.262	743.118	895.47	0.444	608.92	1345.682	0.999	14.798
2/13/2018 10:00	475200	20.289	16.093	46.246	742.917	895.223	0.444	608.751	1346.046	0.999	14.804
2/13/2018 10:15	476100	20.292	16.093	46.252	742.831	895.106	0.444	608.672	1346.202	0.999	14.807
2/13/2018 10:30	477000	20.298	16.093	46.265	743.034	895.351	0.444	608.839	1345.834	0.999	14.804
2/13/2018 10:45	477900	20.278	16.093	46.221	742.873	895.159	0.444	608.708	1346.125	0.999	14.808
2/13/2018 11:00	478800	20.291	16.093	46.248	743.051	895.37	0.444	608.851	1345.803	0.999	14.803
2/13/2018 11:15	479700	20.284	16.094	46.234	742.829	895.09	0.444	608.661	1346.205	0.999	14.804
2/13/2018 11:30	480600	20.293	16.094	46.255	743.049	895.349	0.444	608.837	1345.807	0.999	14.799
2/13/2018 11:45	481500	20.288	16.095	46.242	743.024	895.312	0.444	608.812	1345.852	0.999	14.803
2/13/2018 12:00	482400	20.291	16.094	46.25	743.018	895.309	0.444	608.81	1345.862	0.999	14.795
2/13/2018 12:15	483300	20.285	16.095	46.236	743.005	895.287	0.444	608.795	1345.886	0.999	14.797
2/13/2018 12:30	484200	20.288	16.095	46.242	743.024	895.305	0.444	608.807	1345.851	0.999	14.796
2/13/2018 12:45	485100	20.288	16.095	46.243	742.842	895.073	0.444	608.65	1346.181	0.999	14.789
2/13/2018 13:00	486000	20.294	16.095	46.256	743.007	895.275	0.444	608.787	1345.883	0.999	14.79
2/13/2018 13:15	486900	20.298	16.095	46.266	743.022	895.29	0.444	608.797	1345.855	0.999	14.786
2/13/2018 13:30	487800	20.282	16.096	46.229	743.16	895.454	0.444	608.909	1345.606	0.999	14.79
2/13/2018 13:45	488700	20.291	16.096	46.249	742.837	895.065	0.444	608.644	1346.191	0.999	14.785
2/13/2018 14:00	489600	20.29	16.096	46.247	742.714	894.909	0.444	608.538	1346.413	0.999	14.782
2/13/2018 14:15	490500	20.294	16.097	46.256	743.19	895.471	0.444	608.92	1345.55	0.999	14.783
2/13/2018 14:30	491400	20.299	16.096	46.267	742.833	895.051	0.444	608.635	1346.198	0.999	14.776
2/13/2018 14:45	492300	20.291	16.096	46.249	743.001	895.255	0.444	608.774	1345.893	0.999	14.784
2/13/2018 15:00	493200	20.291	16.096	46.251	742.741	894.947	0.444	608.547	1346.365	0.999	14.784
2/13/2018 15:15	494100	20.294	16.097	46.257	743.137	895.404	0.444	608.875	1345.647	0.999	14.785
2/13/2018 15:30	495000	20.293	16.096	46.253	742.837	895.063	0.444	608.643	1346.191	0.999	14.788
2/13/2018 15:45	495900	20.288	16.096	46.243	743.049	895.306	0.444	608.808	1345.807	0.999	14.79
2/13/2018 16:00	496800	20.293	16.096	46.253	742.923	895.152	0.444	608.703	1346.035	0.999	14.789
2/13/2018 16:15	497700	20.29	16.096	46.248	743.059	895.327	0.444	608.822	1345.789	0.999	14.793
2/13/2018 16:30	498600	20.285	16.096	46.236	742.842	895.06	0.444	608.641	1346.181	0.999	14.79
2/13/2018 16:45	499500	20.288	16.096	46.242	743.007	895.312	0.444	608.777	1345.882	0.999	14.794
2/13/2018 17:00	500400	20.292	16.096	46.251	742.869	895.098	0.444	608.667	1346.132	0.999	14.792
2/13/2018 17:15	501300	20.282	16.096	46.229	743.007	895.27	0.444	608.783	1345.883	0.999	14.797
2/13/2018 17:30	502200	20.285	16.096	46.235	743.114	895.395	0.444	608.869	1345.689	0.999	14.795
2/13/2018 17:45	503100	20.286	16.096	46.237	742.817	895.03	0.444	608.621	1346.226	0.999	14.797
2/13/2018 18:00	504000	20.278	16.096	46.219	743.013	895.258	0.444	608.776	1345.837	0.999	14.803
2/13/2018 18:15	504900	20.294	16.095	46.257	743.003	895.257	0.444	608.781	1345.89	0.999	14.795
2/13/2018 18:30	505800	20.288	16.096	46.242	742.993	895.241	0.444	608.764	1345.907	0.999	14.801
2/13/2018 18:45	506700	20.29	16.096	46.247	742.961	895.209	0.444	608.742	1345.966	0.999	14.795
2/13/2018 19:00	507600	20.275	16.096	46.212	742.953	895.196	0.444	608.733	1345.979	0.999	14.807
2/13/2018 19:15	508500	20.288	16.096	46.242	743.083	895.358	0.444	608.844	1345.744	0.999	14.806
2/13/2018 19:30	509400	20.282	16.096	46.229	742.731	894.929	0.444	608.552	1346.382	0.999	14.806
2/13/2018 19:45	510300	20.28	16.096	46.225	743.053	895.32	0.444	608.817	1345.8	0.999	14.807
2/13/2018 20:00	511200	20.286	16.096	46.238	742.754	894.956	0.444	608.57	1346.34	0.999	14.811
2/13/2018 20:15	512100	20.283	16.096	46.23	743.007	895.266	0.444	608.781	1345.883	0.999	14.81
2/13/2018 20:30	513000	20.288	16.095	46.242	742.934	895.184	0.444	608.725	1346.014	0.999	14.815
2/13/2018 20:45	513900	20.29	16.096	46.248	743.028	895.282	0.444	608.792	1345.844	0.999	14.813
2/13/2018 21:00	514800	20.282	16.096	46.229	742.999	895.249	0.444	608.77	1345.897	0.999	14.811
2/13/2018 21:15	515700	20.285	16.096	46.237	742.936	895.17	0.444	608.716	1346.011	0.999	14.816
2/13/2018 21:30	516600	20.277	16.096	46.217	742.976	895.216	0.444	608.747	1345.938	0.999	14.816
2/13/2018 21:45	517500	20.274	16.096	46.21	742.953	895.192	0.444	608.731	1345.98	0.999	14.82
2/13/2018 22:00	518400	20.28	16.096	46.225	743.011	895.256	0.444	608.774	1345.876	0.999	14.819
2/13/2018 22:15	519300	20.28	16.096	46.225	743.037	895.292	0.444	608.799	1345.827	0.999	14.819
2/13/2018 22:30	520200	20.287	16.097	46.241	743.032	895.28	0.444	608.79	1345.837	0.999	14.818
2/13/2018 22:45	521100	20.279	16.097	46.221	742.789	895.083	0.444	608.589	1346.278	0.999	14.825
2/13/2018 23:00	522000	20.283	16.097	46.231	742.819	895.009	0.444	608.606	1346.222	0.999	14.822
2/13/2018 23:15	522900	20.271	16.097	46.204	743.007	895.242	0.444	608.765	1345.883	0.999	14.826
2/13/2018 23:30	523800	20.28	16.097	46.225	742.949	895.178	0.444	608.721	1345.987	0.999	14.828
2/13/2018 23:45	524700	20.277	16.097	46.218	743.093	895.346	0.444	608.835	1345.727	0.999	14.82
2/14/2018 0:											

Report Date: 2/16/2018 10:44
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_2018-02-15_10-23-55-744-BaroMerge.wsl
Create Date 2/16/2018 10:40

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: 5/31/2016 10:00:00 PM Stop Time: 7/1/2016 11:45:00 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 4:15:00 PM
11/24/2016 12:07 Log Download - Used Battery: 16% Used Memory: 39% User Name: SKuiper Interval - Start Time: 11/15/2016 10:00:00 PM Stop Time: 11/24/2016 12:00:00 PM
12/2/2016 7:32 Log Download - Used Battery: 17% Used Memory: 40% User Name: SKuiper Interval - Start Time: 10/31/2016 10:00:00 PM Stop Time: 12/2/2016 5:15:00 PM
12/9/2016 9:11 Log Download - Used Battery: 17% Used Memory: 40% User Name: SKuiper Interval - Start Time: 11/30/2016 10:00:00 PM Stop Time: 12/9/2016 6:30:00 PM
12/15/2016 15:02 Log Download - Used Battery: 17% Used Memory: 42% User Name: SKuiper Interval - Start Time: 12/7/2016 10:00:00 PM Stop Time: 12/15/2016 3:00:00 PM
12/22/2016 11:52 Log Download - Used Battery: 18% Used Memory: 42% User Name: ANorris Interval - Start Time: 12/14/2016 10:00:00 PM Stop Time: 12/22/2016 12:30:00 PM
1/5/2017 9:47 Log Download - Used Battery: 18% Used Memory: 43% User Name: SKuiper Interval - Start Time: 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: SKuiper 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: AVankalmsa Interval - Start Time: 3/15/2017 10:00:00 PM Stop Time: 3/23/2017 2:15:00 PM
2/16/2018 10:40 User Note: "Pressure & Level adjusted by baro data from: "MPWSP Barotroll_2018-02-15_16-52-45-921.wsl"

Log Data:
Record Count 722
Sensors 2
1 437458 PCTD 300 PSIA (200.7m/658.7ft)
2 0 Baro-Adjustment Calc

Time Zone: Pacific Standard 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)	
2/8/2018 0:00	7200	7200	152.007	21.08	350.979	716.009	773.952	526.287	0.383	1396.63	0.998	14.84
2/8/2018 0:15	8100	8100	151.97	21.065	350.895	715.967	774.144	526.418	0.383	1396.713	0.998	14.832
2/8/2018 0:30	9000	9000	151.992	21.074	350.945	717.326	775.479	527.326	0.383	1394.067	0.998	14.839
2/8/2018 0:45	9900	9900	151.945	21.067	350.836	717.72	776.02	527.694	0.384	1393.3	0.998	14.835
2/8/2018 1:00	10800	10800	151.926	21.077	350.791	717.31	775.419	527.285	0.383	1394.096	0.998	14.838
2/8/2018 1:15	11700	11700	151.96	21.059	350.871	717.852	776.291	527.878	0.384	1393.045	0.998	14.834
2/8/2018 1:30	12600	12600	151.95	21.078	350.847	717.451	775.548	527.373	0.383	1393.824	0.998	14.832
2/8/2018 1:45	13500	13500	151.952	21.067	350.852	719.716	778.17	529.156	0.385	1389.437	0.998	14.836
2/8/2018 2:00	14400	14400	151.938	21.08	350.82	717.663	775.744	527.506	0.384	1393.412	0.998	14.829
2/8/2018 2:15	15300	15300	151.949	21.07	350.846	718.1	776.372	527.933	0.384	1392.563	0.998	14.826
2/8/2018 2:30	16200	16200	151.916	21.056	350.77	719.075	777.655	528.805	0.385	1390.675	0.998	14.828
2/8/2018 2:45	17100	17100	151.91	21.064	350.755	719.825	778.344	529.274	0.385	1389.227	0.998	14.833
2/8/2018 3:00	18000	18000	151.912	21.079	350.76	718.407	776.567	528.066	0.384	1391.969	0.998	14.827
2/8/2018 3:15	18900	18900	151.916	21.065	350.769	721.373	779.992	530.395	0.386	1386.245	0.998	14.827
2/8/2018 3:30	19800	19800	151.967	21.079	350.887	719.916	778.199	529.176	0.385	1389.05	0.998	14.824
2/8/2018 3:45	20700	20700	151.956	21.067	350.862	718.728	777.102	528.429	0.384	1391.346	0.998	14.82
2/8/2018 4:00	21600	21600	151.979	21.07	350.914	719.635	778.038	529.066	0.385	1389.594	0.998	14.827
2/8/2018 4:15	22500	22500	151.991	21.074	350.942	718.581	776.828	528.243	0.384	1391.632	0.998	14.832
2/8/2018 4:30	23400	23400	151.959	21.078	350.869	717.477	775.583	527.396	0.383	1393.774	0.998	14.822
2/8/2018 4:45	24300	24300	151.954	21.075	350.857	717.214	775.341	527.232	0.383	1394.284	0.998	14.827
2/8/2018 5:00	25200	25200	151.966	21.076	350.886	718.624	776.853	528.26	0.384	1391.548	0.998	14.827
2/8/2018 5:15	26100	26100	151.965	21.063	350.883	717.467	775.799	527.544	0.384	1393.793	0.998	14.827
2/8/2018 5:30	27000	27000	151.957	21.058	350.864	718.367	776.857	528.263	0.384	1392.046	0.998	14.827
2/8/2018 5:45	27900	27900	151.976	21.078	350.909	718.905	777.124	528.444	0.384	1391.005	0.998	14.829
2/8/2018 6:00	28800	28800	151.97	21.074	350.894	717.725	775.914	527.622	0.384	1393.292	0.998	14.832
2/8/2018 6:15	29700	29700	151.985	21.081	350.928	717.199	775.226	527.154	0.383	1394.313	0.998	14.826
2/8/2018 6:30	30600	30600	151.939	21.08	350.821	715.98	773.933	526.274	0.383	1396.688	0.998	14.826
2/8/2018 6:45	31500	31500	151.919	21.072	350.777	717.651	775.855	527.582	0.384	1393.435	0.998	14.834
2/8/2018 7:00	32400	32400	151.917	21.08	350.771	715.593	773.513	525.989	0.382	1397.443	0.998	14.828
2/8/2018 7:15	33300	33300	151.905	21.073	350.744	714.625	772.564	525.344	0.382	1399.336	0.998	14.832
2/8/2018 7:30	34200	34200	151.905	21.073	350.744	714.886	772.85	525.338	0.382	1398.825	0.998	14.832
2/8/2018 7:45	35100	35100	151.952	21.069	350.853	715.9	774.016	526.331	0.383	1396.843	0.998	14.836
2/8/2018 8:00	36000	36000	151.952	21.074	350.851	716.826	774.936	526.956	0.383	1395.038	0.998	14.827
2/8/2018 8:15	36900	36900	151.894	21.067	350.718	717.033	775.266	527.181	0.383	1394.635	0.998	14.838
2/8/2018 8:30	37800	37800	151.903	21.057	350.738	719.865	778.496	529.378	0.385	1389.149	0.998	14.837
2/8/2018 8:45	38700	38700	151.92	21.064	350.778	720.496	779.071	529.667	0.385	1387.932	0.998	14.838
2/8/2018 9:00	39600	39600	151.918	21.074	350.774	717.682	774.384	527.59	0.384	1393.375	0.998	14.84
2/8/2018 9:15	40500	40500	151.926	21.068	350.793	717.188	775.415	527.282	0.385	1394.335	0.998	14.839
2/8/2018 9:30	41400	41400	151.939	21.073	350.823	716.134	774.197	526.454	0.383	1396.387	0.998	14.841
2/8/2018 9:45	42300	42300	151.965	21.075	350.883	715.445	773.42	525.926	0.382	1397.731	0.998	14.837
2/8/2018 10:00	43200	43200	151.95	21.06	350.848	717.298	775.752	527.457	0.383	1394.12	0.998	14.836
2/8/2018 10:15	44100	44100	151.981	21.071	350.92	717.116	775.3	527.204	0.383	1394.475	0.998	14.835
2/8/2018 10:30	45000	45000	151.986	21.069	350.986	717.543	775.785	527.534	0.384	1393.646	0.998	14.828
2/8/2018 10:45	45900	45900	151.971	21.078	350.897	715.674	773.62	526.062	0.382	1397.285	0.998	14.836
2/8/2018 11:00	46800	46800	151.975	21.076	350.905	713.888	771.722	524.771	0.381	1400.78	0.998	14.828
2/8/2018 11:15	47700	47700	152.025	21.069	351.02	714.188	772.157	525.067	0.382	1400.191	0.998	14.826
2/8/2018 11:30	48600	48600	152.033	21.073	351.04	716.402	774.495	526.657	0.383	1395.865	0.998	14.823
2/8/2018 11:45	49500	49500	152.037	21.08	351.048	715.121	773.002	525.641	0.382	1398.365	0.998	14.817
2/8/2018 12:00	50400	50400	152.045	21.063	351.066	714.297	772.374	525.215	0.382	1399.978	0.998	14.817
2/8/2018 12:15	51300	51300	152.026	21.082	351.022	713.229	770.916	524.223	0.381	1402.074	0.998	14.802
2/8/2018 12:30	52200	52200	152.046	21.082	351.07	712.201	770.81	523.471	0.38	1404.097	0.998	14.804
2/8/2018 12:45	53100	53100	152.032	21.073	351.037	712.27	770.029	523.62	0.381	1403.963	0.998	14.795
2/8/2018 13:00	54000	54000	152.076	21.079	351.14	712.526	770.21	523.743	0.381	1403.458	0.998	14.79
2/8/2018 13:15	54900	54900	152.052	21.073	351.084	712.753	770.542	523.968	0.381	1403.012	0.998	14.785
2/8/2018 13:30	55800	55800	152.058	21.078	351.098	711.098	768.687	522.707	0.38	1406.277	0.998	14.786
2/8/2018 13:45	56700	56700	152.045	21.082	351.068	712.013	769.612	523.336	0.38	1404.477	0.998	14.784
2/8/2018 14:00	57600	57600	152.102	21.077	351.198	717.616	769.253	523.092	0.38	1405.252	0.998	14.783
2/8/2018 14:15	58500	58500	152.071	21.072	351.127	713.2	771.952	524.316	0.381	1402.13	0.998	14.774
2/8/2018 14:30	59400	59400	152.061	21.084	351.105	712.252	769.834	523.487	0.381	1403.998	0.998	14.776
2/8/2018 14:45	60300	60300	152.067	21.071	351.117	712.278	770.062	523.642	0.381	1403.947	0.998	14.781
2/8/2018 15:00	61200	61200	152.092	21.075	351.175	712.626	770.38	523.858	0.381	1403.261	0.998	14.775
2/8/2018 15:15	62100	62100	152.049	21.076	351.076	710.977	768.574	522.63	0.38	1406.516	0.998	14.778
2/8/2018 15:30	63000	63000	152.045	21.08	351.066	711.167	768.715	522.726	0.38	1406.139	0.998	14.774
2/8/2018 15:45	63900	63900	152.035	21.071	351.045	711.635	769.37	523.172	0.38	1405.214	0.998	14.775
2/8/2018 16:00	64800	64800	152.068	21.080	351.121	712.279	770.279	523.79	0.381	1403.949	0.998	14.773
2/8/2018 16:15	65700	65700	152.02	21.055	351.009	714.999	773.266	525.821	0.382	1398.604	0.998	14.774
2/8/2018 16:30	66600	66600	152.014	21.077	350.995	713.237	771.016	524.291	0.381	1402.058	0.998	14.766
2/8/2018 16:45	67500	67500	151.989	21.069	350.938	713.044	770.922	524.227	0.381	1402.438	0.998	14.778
2/8/2018 17:00	68400	68400	151.972	21.068	350.899	713.615	771.554	524.657	0.381	1401.316	0.998	14.781
2/8/2018 17:15	69300	69300	151.963	21.08	350.879	711.275	768.836	522.809	0.38	1405.926	0.998	14.778

2/8/2018 17:30	70200	151.95	21.072	350.848	712.509	770.304	0.381	523.807	1403.49	0.998	14.772
2/8/2018 17:45	71100	151.96	21.066	350.872	712.301	770.176	0.381	523.72	1403.9	0.998	14.778
2/8/2018 18:00	72000	151.964	21.07	350.88	713.149	771.023	0.381	524.296	1402.232	0.998	14.768
2/8/2018 18:15	72900	151.964	21.072	350.88	712.994	770.82	0.381	524.158	1402.537	0.998	14.773
2/8/2018 18:30	73800	151.896	21.074	350.724	711.881	769.592	0.38	523.323	1404.729	0.998	14.776
2/8/2018 18:45	74700	151.922	21.077	350.783	711.955	769.617	0.38	523.34	1404.583	0.998	14.775
2/8/2018 19:00	75600	151.872	21.069	350.669	712.556	770.639	0.38	523.804	1403.595	0.998	14.771
2/8/2018 19:15	76500	151.864	21.073	350.65	711.581	769.289	0.38	523.116	1405.322	0.998	14.776
2/8/2018 19:30	77400	151.899	21.069	350.73	712.578	770.423	0.381	523.888	1403.356	0.998	14.775
2/8/2018 19:45	78300	151.886	21.07	350.7	713.355	771.254	0.381	524.453	1401.827	0.998	14.767
2/8/2018 20:00	79200	151.838	21.07	350.588	712.937	770.794	0.381	524.14	1402.649	0.998	14.773
2/8/2018 20:15	80100	151.837	21.06	350.586	714.211	772.327	0.382	525.183	1400.147	0.998	14.776
2/8/2018 20:30	81000	151.814	21.074	350.533	713.68	771.538	0.381	524.646	1401.989	0.998	14.781
2/8/2018 20:45	81900	151.802	21.076	350.507	712.191	769.892	0.381	523.527	1404.117	0.998	14.774
2/8/2018 21:00	82800	151.79	21.077	350.479	712.367	770.062	0.381	523.642	1403.771	0.998	14.773
2/8/2018 21:15	83700	151.827	21.072	350.564	711.424	769.126	0.38	523.006	1405.631	0.998	14.776
2/8/2018 21:30	84600	151.777	21.075	350.448	711.419	769.075	0.38	522.971	1405.641	0.998	14.781
2/8/2018 21:45	85500	151.771	21.061	350.436	712.655	770.627	0.381	524.026	1403.204	0.998	14.778
2/8/2018 22:00	86400	151.764	21.07	350.371	713.619	771.561	0.381	524.661	1401.249	0.998	14.788
2/8/2018 22:15	87300	151.747	21.07	350.38	714.743	772.747	0.382	525.468	1399.104	0.998	14.778
2/8/2018 22:30	88200	151.737	21.065	350.356	715.301	773.438	0.382	525.938	1398.013	0.998	14.788
2/8/2018 22:45	89100	151.726	21.068	350.331	714.477	772.487	0.382	525.291	1399.626	0.998	14.787
2/8/2018 23:00	90000	151.758	21.072	350.405	714.037	771.955	0.382	524.93	1400.488	0.998	14.783
2/8/2018 23:15	90900	151.708	21.068	350.29	712.561	770.423	0.381	523.887	1403.388	0.998	14.786
2/8/2018 23:30	91800	151.725	21.076	350.352	712.587	770.324	0.381	523.82	1403.337	0.998	14.786
2/8/2018 23:45	92700	151.69	21.066	350.248	712.845	770.763	0.381	524.119	1402.829	0.998	14.784
2/9/2018 0:00	93600	151.682	21.075	350.23	712.346	770.081	0.381	523.655	1403.812	0.998	14.781
2/9/2018 0:15	94500	151.678	21.068	350.221	712.521	770.381	0.381	523.859	1403.467	0.998	14.778
2/9/2018 0:30	95400	151.677	21.06	350.218	714.591	772.75	0.382	525.47	1399.401	0.998	14.782
2/9/2018 0:45	96300	151.663	21.061	350.185	717.052	775.386	0.383	527.263	1394.598	0.998	14.777
2/9/2018 1:00	97200	151.7	21.065	350.27	714.774	772.854	0.382	525.541	1399.044	0.998	14.77
2/9/2018 1:15	98100	151.657	21.058	350.172	715.368	773.619	0.382	526.061	1397.881	0.998	14.774
2/9/2018 1:30	99000	151.682	21.067	350.228	714.678	772.724	0.382	525.452	1399.232	0.998	14.774
2/9/2018 1:45	99900	151.66	21.07	350.179	711.882	769.647	0.38	523.36	1404.728	0.998	14.777
2/9/2018 2:00	100800	151.638	21.071	350.127	713.128	770.986	0.381	524.271	1402.274	0.998	14.763
2/9/2018 2:15	101700	151.665	21.061	350.189	715.154	773.343	0.382	525.873	1398.301	0.998	14.772
2/9/2018 2:30	102600	151.649	21.061	350.152	713.151	772.273	0.382	525.77	1398.56	0.998	14.776
2/9/2018 2:45	103500	151.652	21.079	350.161	713.235	770.971	0.381	524.261	1402.062	0.998	14.766
2/9/2018 3:00	104400	151.612	21.065	350.068	712.661	770.581	0.381	523.995	1403.191	0.998	14.759
2/9/2018 3:15	105300	151.598	21.074	350.034	712.274	770.02	0.381	523.614	1403.954	0.998	14.767
2/9/2018 3:30	106200	151.595	21.067	350.028	713.903	771.88	0.382	524.878	1400.751	0.998	14.763
2/9/2018 3:45	107100	151.589	21.06	350.013	714.931	773.114	0.382	525.718	1398.736	0.998	14.762
2/9/2018 4:00	108000	151.613	21.074	350.07	714.066	771.955	0.382	524.929	1400.43	0.998	14.761
2/9/2018 4:15	108900	151.578	21.067	349.989	716.327	774.508	0.383	526.666	1396.01	0.998	14.757
2/9/2018 4:30	109800	151.58	21.063	349.993	716.749	775.028	0.383	527.019	1395.189	0.998	14.751
2/9/2018 4:45	110700	151.563	21.063	349.954	718.461	776.875	0.384	528.275	1391.865	0.998	14.757
2/9/2018 5:00	111600	151.564	21.071	349.956	715.811	773.883	0.383	526.241	1397.017	0.998	14.753
2/9/2018 5:15	112500	151.596	21.07	350.03	717.098	775.301	0.383	527.205	1394.509	0.998	14.755
2/9/2018 5:30	113400	151.554	21.071	349.933	712.273	773.368	0.382	525.146	1399.838	0.998	14.753
2/9/2018 5:45	114300	151.6	21.075	350.039	711.498	769.157	0.38	523.027	1405.486	0.998	14.752
2/9/2018 6:00	115200	151.618	21.076	350.081	713.229	771.019	0.381	524.293	1402.074	0.998	14.75
2/9/2018 6:15	116100	151.586	21.077	350.007	710.829	768.403	0.38	522.514	1406.807	0.998	14.752
2/9/2018 6:30	117000	151.577	21.074	349.985	710.461	768.056	0.38	522.278	1407.536	0.998	14.752
2/9/2018 6:45	117900	151.605	21.076	350.051	712.022	769.714	0.38	523.406	1404.452	0.998	14.748
2/9/2018 7:00	118800	151.611	21.078	350.066	710.947	768.525	0.38	522.597	1406.574	0.998	14.754
2/9/2018 7:15	119700	151.669	21.078	350.196	710.718	768.268	0.38	522.423	1407.028	0.998	14.76
2/9/2018 7:30	120600	151.638	21.069	350.128	710.825	768.522	0.38	522.595	1406.816	0.998	14.765
2/9/2018 7:45	121500	151.642	21.071	350.137	711.357	769.069	0.38	522.967	1405.764	0.998	14.765
2/9/2018 8:00	122400	151.69	21.078	350.248	709.572	767.025	0.379	521.577	1409.3	0.998	14.762
2/9/2018 8:15	123300	151.654	21.068	350.164	709.856	767.502	0.379	521.901	1409.856	0.998	14.771
2/9/2018 8:30	124200	151.713	21.064	350.3	710.184	767.919	0.38	522.185	1408.085	0.998	14.767
2/9/2018 8:45	125100	151.723	21.077	350.324	708.329	765.694	0.378	520.675	1411.773	0.998	14.76
2/9/2018 9:00	126000	151.733	21.074	350.347	708.105	765.504	0.378	520.542	1412.22	0.998	14.764
2/9/2018 9:15	126900	151.747	21.08	350.379	709.113	766.506	0.379	521.224	1410.213	0.998	14.762
2/9/2018 9:30	127800	151.751	21.083	350.389	708.889	766.212	0.379	521.025	1410.659	0.998	14.771
2/9/2018 9:45	128700	151.731	21.08	350.342	708.556	765.908	0.378	520.818	1411.32	0.998	14.768
2/9/2018 10:00	129600	151.782	21.085	350.46	706.468	763.567	0.377	519.226	1415.492	0.998	14.762
2/9/2018 10:15	130500	151.747	21.087	350.378	705.523	763.389	0.377	519.241	1415.382	0.998	14.764
2/9/2018 10:30	131400	151.763	21.07	350.415	707.422	764.829	0.378	520.084	1413.583	0.998	14.764
2/9/2018 10:45	132300	151.801	21.077	350.505	708.994	766.419	0.379	521.165	1410.448	0.998	14.767
2/9/2018 11:00	133200	151.771	21.083	350.434	707.738	764.962	0.378	520.174	1412.951	0.998	14.761
2/9/2018 11:15	134100	151.795	21.071	350.49	708.571	766.061	0.379	520.921	1411.292	0.998	14.763
2/9/2018 11:30	135000	151.797	21.067	350.494	709.526	767.151	0.379	521.662	1409.391	0.998	14.755
2/9/2018 11:45	135900	151.8	21.065	350.521	709.466	767.128	0.379	521.647	1409.512	0.998	14.758
2/9/2018 12:00	136800	151.857	21.073	350.632	707.36	764.711	0.378	520.003	1413.707	0.998	14.749
2/9/2018 12:15	137700	151.81	21.072	350.524	707.799	765.207	0.378	520.341	1412.831	0.998	14.748
2/9/2018 12:30	138600	151.843	21.069	350.601	710.064	767.703	0.379	522.038	1408.323	0.998	14.749
2/9/2018 12:45	139500	151.855	21.079	350.629	708.491	765.849	0.378	520.777	1411.45	0.998	14.743
2/9/2018 13:00	140400	151.803	21.075	350.509	707.679	765.033	0.378	520.222	1413.071	0.998	14.737
2/9/2018 13:15	141300	151.833	21.079	350.577	705.459	764.567	0.378	519.907	1413.821	0.998	14.734
2/9/2018 13:30	142200	151.837	21.084	350.588	706.894	764.039	0.378	519.547	1414.639	0.998	14.735
2/9/2018 13:45	143100	151.783	21.07	350.462	708.053	765.516	0.378	520.551	1412.324	0.998	14.731
2/9/2018 14:00	144000	151.82	21.079	350.547	707.194	764.446	0.378	519.823	1414.038	0.998	14.728
2/9/2018 14:15	144900	151.809	21.083	350.522	705.932	763.024	0.377	518.856	1415.566	0.998	14.724
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2/10/2018 22:15	260100	151.437	21.07	349.663	703.874	760.991	0.376	517.474	1420.71	0.998	14.698
2/10/2018 22:30	261000	151.45	21.073	349.694	703.992	761.083	0.376	517.537	1420.47	0.998	14.694
2/10/2018 22:45	261900	151.409	21.07	349.599	704.445	761.622	0.376	517.903	1419.557	0.998	14.699
2/10/2018 23:00	262800	151.392	21.069	349.559	704.952	762.183	0.377	518.285	1418.536	0.998	14.701
2/10/2018 23:15	263700	151.421	21.069	349.626	704.485	761.678	0.376	517.941	1419.477	0.998	14.696
2/10/2018 23:30	264600	151.37	21.061	349.609	704.226	761.516	0.376	517.831	1419.998	0.998	14.702
2/10/2018 23:45	265500	151.379	21.068	349.53	705.265	762.538	0.377	518.526	1417.906	0.996	14.706
2/11/2018 0:00	266400	151.394	21.078	349.565	704.26	761.285	0.376	517.674	1419.929	0.998	14.704
2/11/2018 0:15	267300	151.336	21.064	349.431	705.003	762.311	0.377	518.372	1418.433	0.998	14.701
2/11/2018 0:30	268200	151.333	21.069	349.422	705.34	762.594	0.377	518.564	1417.756	0.998	14.707
2/11/2018 0:45	269100	151.325	21.064	349.404	704.481	761.745	0.376	517.986	1419.485	0.998	14.71
2/11/2018 1:00	270000	151.351	21.071	349.465	704.452	761.606	0.376	517.892	1419.543	0.998	14.714
2/11/2018 1:15	270900	151.351	21.07	349.464	704.002	761.13	0.376	517.568	1420.451	0.998	14.714
2/11/2018 1:30	271800	151.293	21.068	349.331	704.835	762.075	0.377	518.211	1418.771	0.998	14.712
2/11/2018 1:45	272700	151.294	21.071	349.332	704.435	761.583	0.376	517.876	1419.578	0.998	14.706
2/11/2018 2:00	273600	151.267	21.074	349.271	704.304	761.404	0.376	517.754	1419.842	0.998	14.72
2/11/2018 2:15	274500	151.279	21.063	349.297	706.143	763.561	0.377	519.222	1416.144	0.998	14.717
2/11/2018 2:30	275400	151.29	21.071	349.323	704.659	761.832	0.376	518.046	1419.126	0.998	14.713
2/11/2018 2:45	276300	151.29	21.071	349.324	705.987	762.306	0.377	518.368	1418.245	0.998	14.702
2/11/2018 3:00	277200	151.289	21.069	349.322	704.849	762.065	0.377	518.204	1418.743	0.998	14.714
2/11/2018 3:15	278100	151.231	21.067	349.187	705.478	762.778	0.377	518.689	1417.479	0.998	14.714
2/11/2018 3:30	279000	151.253	21.078	349.239	704.263	761.293	0.376	517.679	1419.925	0.998	14.719
2/11/2018 3:45	279900	151.216	21.064	349.154	704.74	762.035	0.377	518.184	1418.962	0.998	14.717
2/11/2018 4:00	280800	151.205	21.061	349.128	705.535	762.931	0.377	518.793	1417.364	0.998	14.718
2/11/2018 4:15	281700	151.202	21.059	349.121	707.024	764.574	0.378	519.911	1414.378	0.998	14.714
2/11/2018 4:30	282600	151.23	21.081	349.186	706.476	763.631	0.377	519.269	1415.475	0.998	14.711
2/11/2018 4:45	283500	151.186	21.076	349.085	703.978	761.021	0.376	517.495	1420.499	0.998	14.712
2/11/2018 5:00	284400	151.221	21.073	349.164	703.595	760.65	0.376	517.242	1421.272	0.998	14.709
2/11/2018 5:15	285300	151.178	21.082	349.064	702.338	759.146	0.375	516.219	1423.816	0.998	14.708
2/11/2018 5:30	286200	151.204	21.071	349.125	702.467	759.456	0.375	516.43	1423.555	0.998	14.708
2/11/2018 5:45	287100	151.162	21.07	349.029	704.06	762.086	0.377	518.219	1418.68	0.998	14.713
2/11/2018 6:00	288000	151.158	21.071	349.02	706.106	763.395	0.377	519.108	1416.218	0.998	14.7
2/11/2018 6:15	288900	151.188	21.069	349.089	705.415	762.677	0.377	518.62	1417.605	0.998	14.708
2/11/2018 6:30	289800	151.151	21.06	349.003	707.86	765.457	0.378	520.511	1412.708	0.998	14.705
2/11/2018 6:45	290700	151.12	21.066	348.931	707.838	765.338	0.378	520.43	1412.753	0.998	14.714
2/11/2018 7:00	291600	151.162	21.077	349.029	705.602	762.753	0.377	518.672	1417.229	0.998	14.713
2/11/2018 7:15	292500	151.123	21.068	348.938	706.005	763.522	0.377	519.07	1416.42	0.998	14.712
2/11/2018 7:30	293400	151.097	21.079	348.878	705.137	762.226	0.377	518.314	1418.164	0.998	14.716
2/11/2018 7:45	294300	151.146	21.078	348.992	704.59	761.648	0.376	517.921	1419.266	0.998	14.711
2/11/2018 8:00	295200	151.109	21.07	348.905	703.29	760.36	0.376	517.045	1421.888	0.998	14.707
2/11/2018 8:15	296100	151.109	21.062	348.907	704.85	762.174	0.377	518.279	1418.742	0.998	14.717
2/11/2018 8:30	297000	151.097	21.07	348.878	706.131	763.438	0.377	519.138	1416.167	0.998	14.717
2/11/2018 8:45	297900	151.111	21.068	348.91	706.838	763.78	0.378	519.679	1417.752	0.998	14.711
2/11/2018 9:00	298800	151.104	21.077	348.895	706.059	763.251	0.377	519.01	1416.312	0.998	14.724
2/11/2018 9:15	299700	151.124	21.069	348.941	704.868	762.091	0.377	518.222	1418.705	0.998	14.713
2/11/2018 9:30	300600	151.135	21.071	348.967	705.312	762.538	0.377	518.526	1417.812	0.998	14.714
2/11/2018 9:45	301500	151.142	21.077	348.981	704.706	761.792	0.376	518.019	1419.031	0.998	14.715
2/11/2018 10:00	302400	151.146	21.069	348.991	704.927	762.154	0.377	518.265	1418.586	0.998	14.714
2/11/2018 10:15	303300	151.16	21.079	349.024	704.486	761.522	0.376	517.895	1419.475	0.998	14.715
2/11/2018 10:30	304200	151.207	21.081	349.132	701.061	757.781	0.374	515.291	1426.408	0.998	14.712
2/11/2018 10:45	305100	151.179	21.067	349.067	702.079	759.097	0.375	516.186	1424.342	0.998	14.717
2/11/2018 11:00	306000	151.19	21.067	349.092	702.686	759.762	0.375	516.638	1423.11	0.998	14.719
2/11/2018 11:15	306900	151.2	21.064	349.117	703.594	760.782	0.376	517.332	1421.274	0.998	14.72
2/11/2018 11:30	307800	151.215	21.078	349.151	702.361	759.239	0.375	516.282	1423.77	0.998	14.709
2/11/2018 11:45	308700	151.217	21.071	349.155	703.788	760.889	0.376	517.405	1420.882	0.998	14.71
2/11/2018 12:00	309600	151.22	21.076	349.162	703.085	760.053	0.375	516.826	1422.303	0.998	14.711
2/11/2018 12:15	310500	151.241	21.072	349.211	702.715	759.72	0.375	516.609	1423.052	0.998	14.704
2/11/2018 12:30	311400	151.285	21.075	349.313	701.978	758.863	0.375	516.027	1424.547	0.998	14.7
2/11/2018 12:45	312300	151.253	21.075	349.239	703.24	760.227	0.376	516.955	1421.99	0.998	14.695
2/11/2018 13:00	313200	151.261	21.073	349.257	703.468	760.51	0.376	517.147	1421.99	0.998	14.702
2/11/2018 13:15	314100	151.303	21.079	349.353	701.651	758.453	0.375	515.748	1425.209	0.998	14.695
2/11/2018 13:30	315000	151.322	21.079	349.397	700.771	757.597	0.374	515.105	1427.1	0.995	14.687
2/11/2018 13:45	315900	151.302	21.07	349.351	703.656	760.767	0.376	517.322	1421.148	0.998	14.674
2/11/2018 14:00	316800	151.349	21.073	349.459	703.238	760.27	0.376	516.984	1421.993	0.998	14.665
2/11/2018 14:15	317700	151.296	21.08	349.339	701.438	758.201	0.375	515.577	1425.643	0.998	14.665
2/11/2018 14:30	318600	151.323	21.07	349.399	701.514	758.451	0.375	515.747	1425.487	0.998	14.658
2/11/2018 14:45	319500	151.336	21.065	349.43	703.121	760.259	0.376	516.976	1422.231	0.998	14.656
2/11/2018 15:00	320400	151.343	21.068	349.447	702.706	759.477	0.375	516.643	1423.071	0.998	14.665
2/11/2018 15:15	321300	151.375	21.075	349.52	701.53	758.383	0.375	515.7	1425.457	0.998	14.669
2/11/2018 15:30	322200	151.369	21.082	349.506	698.268	754.753	0.373	513.232	1432.115	0.998	14.672
2/11/2018 15:45	323100	151.388	21.082	349.551	699.167	755.717	0.373	513.888	1430.273	0.998	14.662
2/11/2018 16:00	324000	151.396	21.074	349.569	698.689	755.322	0.373	513.619	1431.251	0.998	14.663
2/11/2018 16:15	324900	151.366	21.07	349.499	698.831	755.55	0.373	513.774	1430.962	0.998	14.666
2/11/2018 16:30	325800	151.398	21.073	349.574	698.379	754.638	0.373	513.405	1431.888	0.998	14.674
2/11/2018 16:45	326700	151.404	21.07	349.587	698.455	755.141	0.373	513.496	1431.732	0.998	14.671
2/11/2018 17:00	327600	151.372	21.074	349.514	698.104	754.695	0.373	513.193	1432.452	0.998	14.669
2/11/2018 17:15	328500	151.381	21.079	349.535	698.462	754.998	0.373	513.399	1431.717	0.998	14.669
2/11/2018 17:30	329400	151.399	21.069	349.575	697.932	754.588	0.373	513.12	1432.803	0.998	14.666
2/11/2018 17:45	330300	151.439	21.08	349.667	696.689	753.065	0.372	512.084	1435.362	0.998	14.667
2/11/2018 18:00	331200	151.441	21.08	349.674	697.983	754.657	0.373	513.167	1432.699	0.998	14.671
2/11/2018 18:15	332100	151.451	21.079	349.694	697.236	753.686	0.372	512.506	1434.234	0.998	14.667
2/11/2018 18:30	333000	151.412	21.073	349.605	697.127	753.658	0.372	512.487	1434.458	0.998	14.667
2/11/2018 18:45	333900	151.424	21.076	349.634	697.36	753.865	0.372	512.628	1433.979	0.998	14.669
2/11/2018 19:00											

2/13/2018 3:00	450000	151.256	21.078	349.244	696.36	752.747	0.372	511.868	1436.039	0.998	14.737
2/13/2018 3:15	450900	151.241	21.075	349.212	695.896	752.295	0.372	511.561	1436.997	0.998	14.743
2/13/2018 3:30	451800	151.242	21.069	349.213	696.851	753.421	0.372	512.326	1435.026	0.998	14.747
2/13/2018 3:45	452700	151.227	21.074	349.179	696.613	753.077	0.372	512.092	1435.518	0.998	14.742
2/13/2018 4:00	453600	151.234	21.077	349.195	696.563	752.985	0.372	512.03	1435.621	0.998	14.744
2/13/2018 4:15	454500	151.221	21.077	349.165	694.207	750.444	0.371	510.802	1440.492	0.998	14.742
2/13/2018 4:30	455400	151.228	21.078	349.18	694.806	751.072	0.371	510.729	1439.252	0.999	14.739
2/13/2018 4:45	456300	151.223	21.065	349.17	695.467	751.983	0.371	511.349	1437.883	0.998	14.754
2/13/2018 5:00	457200	151.189	21.075	349.092	694.862	751.181	0.371	510.803	1439.134	0.998	14.759
2/13/2018 5:15	458100	151.207	21.077	349.132	696.159	752.545	0.372	511.73	1436.453	0.998	14.761
2/13/2018 5:30	459000	151.245	21.07	349.221	695.734	752.201	0.371	511.497	1437.332	0.998	14.761
2/13/2018 5:45	459900	151.239	21.082	349.206	695.225	751.462	0.371	510.994	1438.383	0.998	14.764
2/13/2018 6:00	460800	151.209	21.076	349.136	695.732	752.101	0.371	511.429	1437.336	0.998	14.764
2/13/2018 6:15	461700	151.252	21.078	349.235	693.425	749.571	0.37	509.709	1442.117	0.998	14.772
2/13/2018 6:30	462600	151.228	21.062	349.18	697.264	753.968	0.372	512.698	1434.177	0.998	14.774
2/13/2018 6:45	463500	151.238	21.063	349.205	699.518	756.39	0.374	514.345	1429.555	0.998	14.779
2/13/2018 7:00	464400	151.251	21.062	349.233	699.048	755.899	0.373	514.012	1430.517	0.998	14.779
2/13/2018 7:15	465300	151.253	21.066	349.238	698.756	755.526	0.373	513.758	1431.115	0.998	14.782
2/13/2018 7:30	466200	151.308	21.081	349.366	697.555	753.993	0.372	512.715	1433.578	0.998	14.786
2/13/2018 7:45	467100	151.32	21.073	349.392	696.141	752.583	0.372	511.757	1436.491	0.998	14.793
2/13/2018 8:00	468000	151.333	21.071	349.424	695.64	752.081	0.371	511.415	1437.525	0.998	14.791
2/13/2018 8:15	468900	151.342	21.076	349.443	696.003	752.387	0.372	511.623	1436.775	0.998	14.794
2/13/2018 8:30	469800	151.316	21.083	349.385	693.863	749.972	0.37	509.981	1441.208	0.998	14.8
2/13/2018 8:45	470700	151.374	21.082	349.519	692.629	748.66	0.37	509.089	1443.774	0.998	14.799
2/13/2018 9:00	471600	151.337	21.066	349.432	694.662	751.093	0.371	510.743	1439.549	0.998	14.801
2/13/2018 9:15	472500	151.391	21.078	349.557	695.259	751.563	0.371	511.063	1438.313	0.998	14.804
2/13/2018 9:30	473400	151.365	21.079	349.496	694.361	750.567	0.371	510.385	1440.173	0.998	14.805
2/13/2018 9:45	474300	151.393	21.081	349.562	693.194	749.287	0.37	509.515	1442.597	0.998	14.798
2/13/2018 10:00	475200	151.444	21.078	349.679	693.884	750.073	0.37	510.05	1441.162	0.998	14.804
2/13/2018 10:15	476100	151.401	21.077	349.581	692.863	748.989	0.37	509.313	1443.288	0.998	14.807
2/13/2018 10:30	477000	151.426	21.073	349.637	693.935	750.202	0.37	510.137	1443.056	0.998	14.806
2/13/2018 10:45	477900	151.469	21.071	349.738	694.935	751.314	0.371	510.893	1438.983	0.998	14.808
2/13/2018 11:00	478800	151.443	21.068	349.676	697.037	753.629	0.372	512.468	1434.643	0.998	14.803
2/13/2018 11:15	479700	151.467	21.064	349.733	697.211	753.884	0.372	512.641	1434.286	0.998	14.804
2/13/2018 11:30	480600	151.463	21.08	349.724	694.263	750.443	0.371	510.301	1440.377	0.998	14.799
2/13/2018 11:45	481500	151.478	21.08	349.758	692.861	748.935	0.37	509.276	1443.291	0.998	14.803
2/13/2018 12:00	482400	151.54	21.081	349.853	693.215	749.304	0.37	509.527	1442.553	0.998	14.795
2/13/2018 12:15	483300	151.482	21.07	349.767	693.59	749.88	0.37	509.918	1441.774	0.998	14.797
2/13/2018 12:30	484200	151.54	21.078	349.901	693.872	750.052	0.37	510.036	1441.187	0.998	14.796
2/13/2018 12:45	485100	151.52	21.071	349.855	693.671	749.952	0.37	509.967	1441.606	0.998	14.789
2/13/2018 13:00	486000	151.527	21.073	349.872	695.08	751.447	0.371	510.984	1438.683	0.998	14.79
2/13/2018 13:15	486900	151.571	21.087	349.972	690.122	745.865	0.368	507.188	1449.019	0.998	14.786
2/13/2018 13:30	487800	151.533	21.076	349.885	690.726	746.687	0.369	507.754	1447.752	0.998	14.79
2/13/2018 13:45	488700	151.551	21.077	349.927	691.653	747.672	0.369	508.417	1445.812	0.998	14.785
2/13/2018 14:00	489600	151.586	21.086	350.007	690.521	746.316	0.368	507.495	1448.182	0.998	14.782
2/13/2018 14:15	490500	151.549	21.071	349.921	690.676	746.712	0.369	507.764	1447.856	0.998	14.783
2/13/2018 14:30	491400	151.598	21.077	350.035	690.098	745.992	0.368	507.275	1449.07	0.998	14.776
2/13/2018 14:45	492300	151.545	21.064	349.914	691.144	747.32	0.369	508.177	1446.877	0.998	14.784
2/13/2018 15:00	493200	151.54	21.071	349.902	691.317	747.402	0.369	508.234	1446.514	0.998	14.784
2/13/2018 15:15	494100	151.54	21.063	349.902	692.927	749.266	0.37	509.501	1443.153	0.998	14.785
2/13/2018 15:30	495000	151.533	21.074	349.885	693.27	749.463	0.37	509.635	1442.44	0.998	14.788
2/13/2018 15:45	495900	151.56	21.076	349.948	692.224	748.311	0.369	508.852	1444.618	0.998	14.79
2/13/2018 16:00	496800	151.519	21.082	349.853	689.502	745.274	0.368	506.787	1450.322	0.998	14.789
2/13/2018 16:15	497700	151.561	21.07	349.949	691.558	747.686	0.369	508.426	1446.009	0.998	14.793
2/13/2018 16:30	498600	151.56	21.081	349.947	690.42	746.28	0.368	507.471	1448.393	0.998	14.79
2/13/2018 16:45	499500	151.512	21.071	349.837	689.433	745.365	0.368	506.848	1450.467	0.998	14.794
2/13/2018 17:00	500400	151.557	21.063	349.94	691.384	747.601	0.369	508.369	1446.375	0.998	14.792
2/13/2018 17:15	501300	151.511	21.067	349.835	692.371	748.613	0.37	509.057	1444.312	0.998	14.797
2/13/2018 17:30	502200	151.536	21.082	349.891	690.681	746.542	0.369	507.648	1447.847	0.998	14.795
2/13/2018 17:45	503100	151.516	21.07	349.845	688.678	744.567	0.368	506.305	1452.057	0.998	14.797
2/13/2018 18:00	504000	151.534	21.077	349.886	690.121	746.02	0.368	507.284	1449.021	0.998	14.803
2/13/2018 18:15	504900	151.493	21.074	349.793	690.462	745.369	0.369	507.571	1448.305	0.998	14.795
2/13/2018 18:30	505800	151.523	21.072	349.863	688.291	744.113	0.367	505.997	1452.875	0.998	14.801
2/13/2018 18:45	506700	151.49	21.081	349.785	689.183	744.947	0.368	506.564	1450.994	0.998	14.795
2/13/2018 19:00	507600	151.464	21.073	349.725	690.832	746.846	0.369	507.855	1447.529	0.998	14.807
2/13/2018 19:15	508500	151.456	21.064	349.707	691.592	747.806	0.369	508.508	1445.939	0.998	14.806
2/13/2018 19:30	509400	151.484	21.062	349.772	693.412	749.81	0.37	509.871	1442.143	0.998	14.806
2/13/2018 19:45	510300	151.469	21.073	349.737	694.61	749.304	0.371	510.642	1439.656	0.998	14.804
2/13/2018 20:00	511200	151.414	21.076	349.61	692.835	748.965	0.37	509.296	1443.345	0.998	14.811
2/13/2018 20:15	512100	151.45	21.075	349.693	690.664	746.635	0.369	507.712	1447.882	0.998	14.81
2/13/2018 20:30	513000	151.431	21.08	349.649	689.123	744.891	0.368	506.526	1451.12	0.998	14.815
2/13/2018 20:45	513900	151.423	21.075	349.63	689.629	745.524	0.368	506.956	1450.056	0.998	14.813
2/13/2018 21:00	514800	151.362	21.079	349.489	691.119	747.063	0.369	508.003	1446.928	0.998	14.811
2/13/2018 21:15	515700	151.349	21.07	349.459	689.888	745.658	0.368	507.2	1449.511	0.998	14.816
2/13/2018 21:30	516600	151.376	21.078	349.521	691.655	747.656	0.369	508.406	1445.808	0.998	14.816
2/13/2018 21:45	517500	151.362	21.078	349.49	690.228	746.114	0.368	507.357	1448.797	0.998	14.82
2/13/2018 22:00	518400	151.318	21.062	349.388	693.579	749.994	0.37	509.996	1441.796	0.998	14.819
2/13/2018 22:15	519300	151.337	21.077	349.433	693.561	749.742	0.37	509.825	1441.835	0.998	14.819
2/13/2018 22:30	520200	151.343	21.071	349.446	691.007	747.07	0.369	508.007	1447.163	0.998	14.818
2/13/2018 22:45	521100	151.318	21.077	349.467	690.676	746.827	0.369	507.766	1447.856	0.998	14.825
2/13/2018 23:00	522000	151.28	21.055	349.3	697.578	754.427	0.373	513.01	1433.531	0.998	14.822
2/13/2018 23:15	522900	151.261	21.075	349.257	695.868	752.267	0.372	511.541	1437.053	0.998	14.826
2/13/2018 23:30	523800	151.293	21.078	349.331	692.487	748.565	0.37	509.024	1444.07	0.998	14.828
2/13/2018 23:											

Report Date:	2/16/2018 10:44										
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_2018-02-15_10-25-38-640.wsl										
Create Date	2/15/2018 10:25										
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	90										
Used Battery	41										
Log Configuration											
Log Name	MPWSP MW-9M										
Created By	AVanHaitsma										
Computer Name	PROBOOK2										
Application	WinSitu.exe										
Application Version	5.6.27.1										
Create Date	8/17/2017 11:39:08 AM Pacific Daylight Time										
Log Setup Time Zone	Pacific Daylight Time										
Notes Size(bytes)	4096										
Overwrite when full	Enabled										
Scheduled Start Time	8/17/2017 11:45:00 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:	154.653 (ft)										
Head Pressure:	68.6556 (PSI)										
Temperature:	16.7979 (C)										
Specific Conductivity Model:	Standard Methods										
Reference Temperature:	25										
Temperature Coefficient:	0.0191										
TDS Factor:	0.68										
Log Notes:											
Date and Time	Note										
8/17/2017 11:39 Used Battery: 41% Used Memory: 93% User Name: AVanHaitsma											
8/17/2017 12:00 Log Download - Used Battery: 41% Used Memory: 93% User Name: AVanHaitsma Interval - Start Time: 8/17/2017 11:45:00 AM Stop Time: 8/17/2017 12:45:00 PM											
8/24/2017 10:21 Log Download - Used Battery: 41% Used Memory: 93% User Name: AVanHaitsma Interval - Start Time: 8/16/2017 10:00:00 PM Stop Time: 8/24/2017 11:15:00 AM											
9/1/2017 12:54 Log Download - Used Battery: 42% Used Memory: 95% User Name: WMassoll Interval - Start Time: 8/17/2017 11:45:00 AM Stop Time: 9/1/2017 1:45:00 PM											
9/7/2017 13:12 Log Download - Used Battery: 42% Used Memory: 95% User Name: WMassoll Interval - Start Time: 8/31/2017 10:00:00 PM Stop Time: 9/7/2017 1:00:00 PM											
9/14/2017 13:18 Log Download - Used Battery: 42% Used Memory: 96% User Name: AVanHaitsma Interval - Start Time: 9/6/2017 10:00:00 PM Stop Time: 9/14/2017 2:15:00 PM											
9/21/2017 12:33 Log Download - Used Battery: 43% Used Memory: 96% User Name: AVanHaitsma Interval - Start Time: 9/13/2017 10:00:00 PM Stop Time: 9/21/2017 1:30:00 PM											
9/28/2017 12:15 Log Download - Used Battery: 43% Used Memory: 98% User Name: WMassoll Interval - Start Time: 9/20/2017 10:00:00 PM Stop Time: 9/28/2017 1:00:00 PM											
10/5/2017 14:02 Log Download - Used Battery: 43% Used Memory: 98% User Name: WMassoll Interval - Start Time: 8/31/2017 10:00:00 PM Stop Time: 10/5/2017 2:45:00 PM											
10/12/2017 13:41 Log Download - Used Battery: 44% Used Memory: 100% User Name: AVanHaitsma Interval - Start Time: 10/4/2017 10:00:00 PM Stop Time: 10/12/2017 2:30:00 PM											
10/19/2017 11:51 Log Download - Used Battery: 44% Used Memory: 100% User Name: AVanHaitsma Interval - Start Time: 10/11/2017 10:00:00 PM Stop Time: 10/19/2017 12:45:00 PM											
10/26/2017 12:29 Log Download - Used Battery: 44% Used Memory: 100% User Name: WMassoll Interval - Start Time: 10/18/2017 10:00:00 PM Stop Time: 10/26/2017 1:15:00 PM											
11/2/2017 14:04 Log Download - Used Battery: 45% Used Memory: 100% User Name: WMassoll Interval - Start Time: 9/30/2017 10:00:00 PM Stop Time: 11/2/2017 2:00:00 PM											
11/9/2017 13:23 Log Download - Used Battery: 45% Used Memory: 100% User Name: AVanHaitsma Interval - Start Time: 11/1/2017 10:00:00 PM Stop Time: 11/9/2017 2:15:00 PM											
11/16/2017 11:30 Log Download - Used Battery: 45% Used Memory: 100% User Name: WMassoll Interval - Start Time: 11/9/2017 10:15:00 AM Stop Time: 11/16/2017 12:15:00 PM											
11/23/2017 13:40 Log Download - Used Battery: 46% Used Memory: 100% User Name: AVanHaitsma Interval - Start Time: 11/15/2017 10:00:00 PM Stop Time: 11/23/2017 2:30:00 PM											
12/1/2017 8:57 Log Download - Used Battery: 46% Used Memory: 100% User Name: AVanHaitsma Interval - Start Time: 10/31/2017 10:00:00 PM Stop Time: 12/1/2017 9:45:00 AM											
12/7/2017 14:46 Log Download - Used Battery: 47% Used Memory: 100% User Name: WMassoll Interval - Start Time: 11/29/2017 10:00:00 PM Stop Time: 12/7/2017 3:45:00 PM											
12/14/2017 12:10 Log Download - Used Battery: 47% Used Memory: 100% User Name: WMassoll Interval - Start Time: 12/6/2017 10:00:00 PM Stop Time: 12/14/2017 1:00:00 PM											
12/21/2017 9:24 Log Download - Used Battery: 47% Used Memory: 100% User Name: AVanHaitsma Interval - Start Time: 12/13/2017 10:00:00 PM Stop Time: 12/21/2017 10:15:00 AM											
1/4/2018 14:22 Log Download - Used Battery: 48% Used Memory: 100% User Name: WMassoll Interval - Start Time: 11/30/2017 10:00:00 PM Stop Time: 1/4/2018 3:15:00 PM											
1/11/2018 10:17 Log Download - Used Battery: 48% Used Memory: 100% User Name: AVanHaitsma Interval - Start Time: 1/3/2018 10:00:00 PM Stop Time: 1/11/2018 11:15:00 AM											
1/18/2018 11:43 Log Download - Used Battery: 49% Used Memory: 100% User Name: WMassoll Interval - Start Time: 1/10/2018 10:00:00 PM Stop Time: 1/18/2018 12:30:00 PM											
1/26/2018 11:19 Log Download - Used Battery: 49% Used Memory: 100% User Name: WMassoll Interval - Start Time: 1/17/2018 10:00:00 PM Stop Time: 1/26/2018 12:15:00 PM											
2/1/2018 16:46 Log Download - Used Battery: 49% Used Memory: 100% User Name: WMassoll Interval - Start Time: 12/31/2017 10:00:00 PM Stop Time: 2/1/2018 5:45:00 PM											
2/8/2018 10:47 Log Download - Used Battery: 50% Used Memory: 100% User Name: AVanHaitsma Interval - Start Time: 1/31/2018 10:00:00 PM Stop Time: 2/8/2018 11:45:00 AM											
2/15/2018 10:25 Log Download - Used Battery: 50% Used Memory: 100% User Name: AVanHaitsma Interval - Start Time: 2/7/2018 10:00:00 PM Stop Time: 2/15/2018 11:15:00 AM											
Log Data:											
Record Count	722										
Sensors	1										
	1	410760 PCTD 100 PSIG (70m/231ft)									
Time Zone: Pacific Standard 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 Salinity (PSU)	Sensor: PCTD(G) 231ft SN#: 410760 Total Dissolved Solids (ppm)	Sensor: PCTD(G) 231ft SN#: 410760 Resistivity (ohm-cm)	Sensor: PCTD(G) 231ft SN#: 410760 Water Density (g/cm3)	
2/8/2018 0:00	7200	71.248	16.822	160.493	37934.328	44956.492	29.225	30570.416	26.361	1.021	
2/8/2018 0:15	8100	71.237	16.818	160.469	37952.973	44982.332	29.243	30587.988	26.348	1.021	
2/8/2018 0:30	9000	71.249	16.826	160.494	37976.766	45002.844	29.258	30601.934	26.332	1.021	
2/8/2018 0:45	9900	71.249	16.816	160.495	37963.926	44998.086	29.254	30598.701	26.341	1.021	
2/8/2018 1:00	10800	71.236	16.818	160.466	37938.383	44965.855	29.231	30576.781	26.359	1.021	
2/8/2018 1:15	11700	71.249	16.823	160.495	37958.918	44984.559	29.245	30589.502	26.344	1.021	
2/8/2018 1:30	12600	71.239	16.815	160.474	37940.668	44970.879	29.235	30580.199	26.357	1.021	
2/8/2018 1:45	13500	71.246	16.827	160.489	37994.348	45022.164	29.272	30615.074	26.32	1.021	
2/8/2018 2:00	14400	71.253	16.823	160.504	37953.652	44977.949	29.24	30585.006	26.348	1.021	
2/8/2018 2:15	15300	71.252	16.813	160.503	37950.684	44985.523	29.245	30590.158	26.35	1.021	
2/8/2018 2:30	16200	71.251	16.818	160.501	37968.691	45001.59	29.257	30601.084	26.337	1.021	
2/8/2018 2:45	17100	71.236	16.819	160.466	37972.816	45004.691	29.259	30603.193	26.335	1.021	
2/8/2018 3:00	18000	71.254	16.818	160.506	37955.543	44985.645	29.245	30590.24	26.347	1.021	
2/8/2018 3:15	18900	71.261	16.822	160.521	37955.418	44981.75	29.243	30587.592	26.347	1.021	
2/8/2018 3:30	19800	71.255	16.816	160.508	37933.613	44961.801	29.228	30574.025	26.362	1.021	
2/8/2018 3:45	20700	71.262	16.822	160.525	37938.078	44961.465	29.228	30573.799	26.359	1.021	
2/8/2018 4:00	21600	71.249	16.813	160.495	37939.691	44971.957	29.235	30580.934	26.358	1.021	
2/8/2018 4:15	22500	71.249	16.811	160.494	37943	44978.371	29.24	30585.295	26.355	1.021	
2/8/2018 4:30	23400	71.265	16.816	160.532	37959.691	44992.977	29.251	30595.227	26.344	1.021	
2/8/2018 4:45	24300	71.255	16.805	160.509	37966.188	45011.148	29.263	30607.584	26.339	1.021	
2/8/2018 5:00	25200	71.257	16.82	160.513	37985.684	45019.578	29.27	30613.314	26.326	1.021	
2/8/2018 5:15	26100	71.277	16.82	160.559	37945.645	44972.215	29.236	30581.105	26.353	1.021	
2/8/2018 5:30	27000	71.281	16.814	160.568	37961.125	44996.641	29.253	30597.719	26.343	1.021	
2/8/2018 5:45	27900	71.28	16.821	160.565	37949.652	44975.637	29.238	30583.436	26.351	1.021	
2/8/2018 6:00	28800	71.283	16.824	160.572	37955.063	44979.277	29.241	30585.908	26.347	1.021	
2/8/2018 6:15	29700	71.291	16.816	160.589	37952.801	44984.461	29.244	30589.436	26.349	1.021	
2/8/2018 6:30	30600	71.288	16.828	160.584	37971.02	44993.441	29.252	30595.543	26.336	1.021	
2/8/2018 6:45	31500	71.28	16.811	160.565	37948.926	44984.594	29.244	30589.525	26.351	1.021	
2/8/2018 7:00	32400	71.28	16.817	160.566	37951.035	44981.109	29.242	30587.156	26.35	1.021	
2/8/2018 7:15	33300	71.295	16.817	160.598	37948.309	44978.328	29.24	30585.264	26.352	1.021	
2/8/2018 7:30	34200	71.275	16.826	160.554	37956.121	44978.109	29.24	30585.117	26.346	1.021	
2/8/2018 7:45	35100	71.278	16.817	160.562	37965.414	44998.066	29.254	30598.686	26.34	1.021	
2/8/2018 8:00	36000	71.297	16.826	160.603	37971.598	44996.637	29.254	30597.713	26.335	1.021	
2/8/2018 8:15	36900	71.294	16.817	160.597	37966.047	44999.531	29.255	30599.684	26.339	1.	

2/8/2018 19:30	77400	71.192	16.812	160.368	37819.035	44829.82	29.132	30484.279	26.442	1.021
2/8/2018 19:45	78300	71.214	16.809	160.417	37823.387	44838.633	29.139	30490.273	26.439	1.021
2/8/2018 20:00	79200	71.209	16.816	160.406	37825.629	44834.168	29.136	30487.236	26.437	1.021
2/8/2018 20:15	80100	71.211	16.816	160.41	37829.512	44838.598	29.139	30490.248	26.434	1.021
2/8/2018 20:30	81000	71.213	16.815	160.415	37835.375	44846.523	29.145	30495.639	26.43	1.021
2/8/2018 20:45	81900	71.198	16.817	160.381	37835.102	44844.23	29.143	30494.078	26.43	1.021
2/8/2018 21:00	82800	71.214	16.81	160.416	37830.777	44845.887	29.144	30495.205	26.434	1.021
2/8/2018 21:15	83700	71.211	16.818	160.41	37846.152	44856.449	29.152	30502.389	26.423	1.021
2/8/2018 21:30	84600	71.194	16.817	160.372	37837.531	44846.578	29.145	30495.676	26.429	1.021
2/8/2018 21:45	85500	71.192	16.815	160.367	37847.195	44860.441	29.155	30505.1	26.422	1.021
2/8/2018 22:00	86400	71.209	16.819	160.406	37871.559	44885.125	29.173	30521.887	26.405	1.021
2/8/2018 22:15	87300	71.189	16.83	160.359	37838.293	44834.742	29.137	30487.627	26.428	1.021
2/8/2018 22:30	88200	71.207	16.815	160.401	37803.625	44808.707	29.117	30469.924	26.452	1.021
2/8/2018 22:45	89100	71.209	16.821	160.405	37862.391	44872.75	29.164	30513.471	26.411	1.021
2/8/2018 23:00	90000	71.19	16.817	160.363	37856.801	44869.5	29.161	30511.262	26.415	1.021
2/8/2018 23:15	90900	71.188	16.815	160.358	37829.008	44838.883	29.139	30490.441	26.435	1.021
2/8/2018 23:30	91800	71.191	16.811	160.365	37837.375	44852.551	29.149	30499.734	26.429	1.021
2/8/2018 23:45	92700	71.206	16.815	160.399	37838.316	44849.563	29.147	30497.705	26.428	1.021
2/9/2018 0:00	93600	71.188	16.81	160.358	37837.25	44854	29.15	30500.723	26.429	1.021
2/9/2018 0:15	94500	71.188	16.814	160.357	37864.828	44882.141	29.17	30519.857	26.41	1.021
2/9/2018 0:30	95400	71.192	16.81	160.366	37803.953	44813.723	29.121	30473.334	26.452	1.021
2/9/2018 0:45	96300	71.208	16.804	160.404	37804.953	44821.598	29.126	30478.689	26.452	1.021
2/9/2018 1:00	97200	71.2	16.817	160.384	37849.094	44860.91	29.155	30505.42	26.421	1.021
2/9/2018 1:15	98100	71.203	16.815	160.392	37854.117	44868.824	29.161	30510.801	26.417	1.021
2/9/2018 1:30	99000	71.187	16.811	160.355	37855.852	44874.359	29.165	30514.566	26.416	1.021
2/9/2018 1:45	99900	71.205	16.809	160.395	37837.242	44854.703	29.15	30501.199	26.429	1.021
2/9/2018 2:00	100800	71.186	16.818	160.353	37841.258	44849.844	29.147	30497.896	26.426	1.021
2/9/2018 2:15	101700	71.192	16.816	160.368	37836.453	44846.727	29.145	30495.775	26.43	1.021
2/9/2018 2:30	102600	71.208	16.816	160.402	37830.211	44839.684	29.14	30490.986	26.434	1.021
2/9/2018 2:45	103500	71.192	16.815	160.368	37825.887	44834.906	29.136	30487.738	26.437	1.021
2/9/2018 3:00	104400	71.193	16.813	160.369	37823.008	44833.824	29.135	30487.002	26.439	1.021
2/9/2018 3:15	105300	71.209	16.819	160.405	37820.832	44825.09	29.129	30481.063	26.44	1.021
2/9/2018 3:30	106200	71.196	16.818	160.375	37804.574	44806.891	29.116	30468.688	26.452	1.021
2/9/2018 3:45	107100	71.201	16.818	160.386	37843.094	44852.457	29.149	30499.674	26.425	1.021
2/9/2018 4:00	108000	71.201	16.812	160.386	37820.102	44831.531	29.134	30485.443	26.441	1.021
2/9/2018 4:15	108900	71.223	16.813	160.437	37846.977	44861.785	29.156	30506.016	26.422	1.021
2/9/2018 4:30	109800	71.227	16.818	160.445	37845.051	44854.336	29.15	30500.949	26.424	1.021
2/9/2018 4:45	110700	71.215	16.815	160.419	37859.734	44875.48	29.166	30515.328	26.413	1.021
2/9/2018 5:00	111600	71.231	16.812	160.454	37831.945	44845.844	29.144	30495.174	26.433	1.021
2/9/2018 5:15	112500	71.218	16.814	160.425	37832.984	44844.93	29.143	30494.555	26.432	1.021
2/9/2018 5:30	113400	71.234	16.829	160.462	37831.473	44827.637	29.132	30482.793	26.433	1.021
2/9/2018 5:45	114300	71.219	16.812	160.427	37850.918	44867.613	29.16	30509.977	26.419	1.021
2/9/2018 6:00	115200	71.246	16.816	160.488	37834.688	44844.813	29.143	30494.475	26.431	1.021
2/9/2018 6:15	116100	71.248	16.818	160.493	37830.426	44837.086	29.138	30489.219	26.434	1.021
2/9/2018 6:30	117000	71.244	16.807	160.484	37827.367	44845.398	29.143	30494.873	26.436	1.021
2/9/2018 6:45	117900	71.253	16.809	160.504	37869.383	44892.359	29.177	30526.807	26.407	1.021
2/9/2018 7:00	118800	71.236	16.812	160.467	37847.262	44863.277	29.157	30507.031	26.422	1.021
2/9/2018 7:15	119700	71.254	16.828	160.506	37840.785	44839.84	29.141	30491.092	26.427	1.021
2/9/2018 7:30	120600	71.258	16.818	160.517	37823.828	44829.266	29.132	30483.902	26.438	1.021
2/9/2018 7:45	121500	71.258	16.81	160.516	37850.164	44868.773	29.16	30510.768	26.42	1.021
2/9/2018 8:00	122400	71.262	16.818	160.525	37814.488	44818.824	29.125	30476.803	26.445	1.021
2/9/2018 8:15	123300	71.242	16.817	160.481	37850.766	44862.621	29.156	30506.584	26.42	1.021
2/9/2018 8:30	124200	71.245	16.82	160.486	37848.305	44856.586	29.152	30502.48	26.421	1.021
2/9/2018 8:45	125100	71.249	16.814	160.494	37863.434	44880.215	29.169	30518.549	26.411	1.021
2/9/2018 9:00	126000	71.249	16.816	160.496	37846.629	44858.258	29.153	30503.617	26.422	1.021
2/9/2018 9:15	126900	71.267	16.81	160.535	37855.602	44875.754	29.165	30515.514	26.416	1.021
2/9/2018 9:30	127800	71.246	16.813	160.489	37826.359	44837.797	29.138	30489.705	26.437	1.021
2/9/2018 9:45	128700	71.242	16.814	160.479	37879.082	44899.664	29.183	30531.773	26.4	1.021
2/9/2018 10:00	129600	71.262	16.814	160.524	37845.207	44858.711	29.153	30503.926	26.423	1.021
2/9/2018 10:15	130500	71.259	16.807	160.518	37837.086	44857.012	29.152	30502.77	26.429	1.021
2/9/2018 10:30	131400	71.238	16.815	160.507	37848.742	44862.625	29.156	30506.588	26.421	1.021
2/9/2018 10:45	132300	71.252	16.823	160.542	37845.684	44850.547	29.148	30498.375	26.423	1.021
2/9/2018 11:00	133200	71.255	16.808	160.509	37830.551	44847.305	29.145	30496.17	26.434	1.021
2/9/2018 11:15	134100	71.247	16.814	160.491	37841.102	44854.645	29.145	30501.16	26.426	1.021
2/9/2018 11:30	135000	71.223	16.82	160.436	37841.012	44848.395	29.146	30496.91	26.426	1.021
2/9/2018 11:45	135900	71.239	16.811	160.472	37877.785	44901.066	29.184	30532.727	26.401	1.021
2/9/2018 12:00	136800	71.221	16.821	160.433	37873.133	44884.68	29.173	30521.584	26.404	1.021
2/9/2018 12:15	137700	71.234	16.818	160.461	37873.234	44887.918	29.175	30523.787	26.404	1.021
2/9/2018 12:30	138600	71.228	16.822	160.447	37866.18	44875.898	29.166	30515.613	26.409	1.021
2/9/2018 12:45	139500	71.206	16.808	160.398	37859.609	44882.281	29.17	30519.953	26.413	1.021
2/9/2018 13:00	140400	71.203	16.81	160.392	37846.914	44865.098	29.158	30508.268	26.422	1.021
2/9/2018 13:15	141300	71.197	16.815	160.379	37862.359	44878.594	29.168	30517.445	26.411	1.021
2/9/2018 13:30	142200	71.196	16.814	160.376	37854.367	44869.391	29.161	30511.188	26.417	1.021
2/9/2018 13:45	143100	71.19	16.824	160.362	37859.453	44866.145	29.159	30508.98	26.413	1.021
2/9/2018 14:00	144000	71.204	16.823	160.394	37835.426	44838.738	29.139	30490.344	26.43	1.021
2/9/2018 14:15	144900	71.204	16.812	160.394	37856.008	44874.18	29.164	30514.445	26.416	1.021
2/9/2018 14:30	145800	71.193	16.83	160.37	37859.988	44859.922	29.155	30504.75	26.413	1.021
2/9/2018 14:45	146700	71.178	16.815	160.335	37865.234	44881.914	29.17	30519.703	26.409	1.021
2/9/2018 15:00	147600	71.174	16.814	160.326	37883.75	44904.57	29.187	30535.109	26.397	1.021
2/9/2018 15:15	148500	71.181	16.824	160.342	37872.816	44881.266	29.17	30519.262	26.404	1.021
2/9/2018 15:30	149400	71.179	16.815	160.337	37865.176	44881.477	29.17	30519.406	26.409	1.021
2/9/2018 15:45	150300	71.158	16.821	160.29	37848.398	44855.895	29.152	30502.008	26.421	1.021
2/9/2018 16:00	151200	71.176	16.821	160.332	37860.906	44870.367	29.162	30511.85	26.412	1.021
2/9/2018 16:15	152100	71.152	16.824	160.277	37902.73	44917.344	29.196	30543.797	26.383	1.021
2/9/2018 16:30	153000	71.154	16.822	160.281	37882.301	44894.738	29.18	30528.424	26.398	1.021
2/9/2018 16:45	153900	71.171	16.811	160.32	37887.199	44911.875	29.192	30540.078	26.394	1.021
2/9/2018 17:00	154800	71.169	16.816	160.314	37853.453	44866.426	29.159	30509.17	26.418	1.021
2/9/2018 17:15	155700	71.166	16.816	160.309	37858.25	44872.477	29.163	30513.287	26.414	1.021

2/10/2018 16:00	237600	71.124	16.809	160.214	37864.516	44887.035	29.174	30523.186	26.41	1.021
2/10/2018 16:15	238500	71.122	16.8	160.208	37828.09	44852.941	29.148	30500.002	26.435	1.021
2/10/2018 16:30	239400	71.135	16.818	160.239	37877.18	44893.129	29.178	30527.33	26.401	1.021
2/10/2018 16:45	240300	71.131	16.822	160.229	37855.914	44863.469	29.157	30507.16	26.416	1.021
2/10/2018 17:00	241200	71.125	16.822	160.217	37856.328	44863.602	29.157	30507.252	26.416	1.021
2/10/2018 17:15	242100	71.128	16.816	160.223	37848.586	44861.105	29.155	30505.555	26.421	1.021
2/10/2018 17:30	243000	71.103	16.836	160.167	37871.176	44867.125	29.161	30509.645	26.405	1.021
2/10/2018 17:45	243900	71.103	16.817	160.165	37871.68	44887.137	29.174	30523.256	26.405	1.021
2/10/2018 18:00	244800	71.121	16.824	160.207	37890.262	44902.484	29.186	30533.691	26.392	1.021
2/10/2018 18:15	245700	71.122	16.812	160.208	37848.016	44864.531	29.157	30507.883	26.421	1.021
2/10/2018 18:30	246600	71.119	16.818	160.203	37868.391	44882.348	29.171	30519.996	26.407	1.021
2/10/2018 18:45	247500	71.101	16.808	160.163	37837.82	44856.637	29.152	30502.516	26.429	1.021
2/10/2018 19:00	248400	71.103	16.82	160.167	37906.898	44925.77	29.202	30549.523	26.38	1.021
2/10/2018 19:15	249300	71.104	16.82	160.168	37880.727	44894.75	29.18	30528.432	26.399	1.021
2/10/2018 19:30	250200	71.122	16.815	160.209	37876.016	44894.074	29.179	30527.971	26.402	1.021
2/10/2018 19:45	251100	71.106	16.813	160.172	37851.875	44867.957	29.16	30510.213	26.419	1.021
2/10/2018 20:00	252000	71.123	16.816	160.212	37847.641	44860.086	29.154	30504.859	26.422	1.021
2/10/2018 20:15	252900	71.121	16.834	160.206	37878.633	44878	29.168	30517.043	26.4	1.021
2/10/2018 20:30	253800	71.105	16.816	160.171	37834.477	44844.738	29.143	30494.424	26.431	1.021
2/10/2018 20:45	254700	71.122	16.817	160.209	37853.133	44865.34	29.158	30508.432	26.418	1.021
2/10/2018 21:00	255600	71.107	16.822	160.176	37879.617	44891.918	29.178	30526.504	26.399	1.021
2/10/2018 21:15	256500	71.122	16.811	160.21	37851.402	44869.52	29.161	30511.273	26.419	1.021
2/10/2018 21:30	257400	71.125	16.816	160.215	37870.676	44886.84	29.174	30523.053	26.406	1.021
2/10/2018 21:45	258300	71.113	16.811	160.188	37859.426	44878.953	29.168	30517.689	26.414	1.021
2/10/2018 22:00	259200	71.131	16.814	160.229	37836.395	44849.066	29.146	30497.365	26.43	1.021
2/10/2018 22:15	260100	71.114	16.815	160.192	37858.063	44873.324	29.164	30513.863	26.414	1.021
2/10/2018 22:30	261000	71.131	16.82	160.23	37828.195	44832.398	29.135	30486.033	26.435	1.021
2/10/2018 22:45	261900	71.132	16.81	160.232	37860.055	44880.594	29.169	30518.807	26.413	1.021
2/10/2018 23:00	262800	71.133	16.814	160.234	37883.223	44904.477	29.186	30535.045	26.397	1.021
2/10/2018 23:15	263700	71.12	16.811	160.204	37866.746	44887.367	29.174	30523.41	26.408	1.021
2/10/2018 23:30	264600	71.131	16.815	160.229	37828.699	44838.164	29.139	30489.951	26.435	1.021
2/10/2018 23:45	265500	71.115	16.814	160.193	37858.223	44874.938	29.165	30514.959	26.414	1.021
2/11/2018 0:00	266400	71.116	16.807	160.197	37841.387	44861.672	29.155	30505.939	26.426	1.021
2/11/2018 0:15	267300	71.116	16.814	160.196	37849.594	44864.184	29.157	30507.646	26.42	1.021
2/11/2018 0:30	268200	71.117	16.816	160.198	37858.758	44873.262	29.164	30513.82	26.414	1.021
2/11/2018 0:45	269100	71.126	16.822	160.219	37834.219	44838.113	29.139	30489.92	26.431	1.021
2/11/2018 1:00	270000	71.131	16.838	160.23	37857.336	44848.848	29.148	30497.219	26.415	1.021
2/11/2018 1:15	270900	71.111	16.807	160.185	37810.555	44825.031	29.129	30481.023	26.448	1.021
2/11/2018 1:30	271800	71.129	16.811	160.224	37853.953	44872.914	29.163	30513.584	26.417	1.021
2/11/2018 1:45	272700	71.116	16.825	160.195	37837.379	44838.297	29.139	30490.043	26.429	1.021
2/11/2018 2:00	273600	71.111	16.812	160.184	37857.781	44876.375	29.166	30515.938	26.415	1.021
2/11/2018 2:15	274500	71.125	16.817	160.217	37878.758	44895.797	29.18	30529.145	26.4	1.021
2/11/2018 2:30	275400	71.127	16.816	160.221	37833.621	44843.02	29.142	30493.256	26.432	1.021
2/11/2018 2:45	276300	71.111	16.81	160.184	37870.961	44893.875	29.179	30527.838	26.405	1.021
2/11/2018 3:00	277200	71.107	16.809	160.176	37852.031	44872.418	29.163	30513.246	26.419	1.021
2/11/2018 3:15	278100	71.126	16.81	160.219	37853.516	44872.922	29.163	30513.59	26.418	1.021
2/11/2018 3:30	279000	71.109	16.82	160.179	37854.02	44863.625	29.157	30507.268	26.417	1.021
2/11/2018 3:45	279900	71.112	16.809	160.187	37861.324	44883.434	29.171	30520.736	26.412	1.021
2/11/2018 4:00	280800	71.128	16.817	160.223	37839.082	44848.867	29.146	30497.232	26.428	1.021
2/11/2018 4:15	281700	71.111	16.812	160.185	37839.051	44853.723	29.15	30500.531	26.428	1.021
2/11/2018 4:30	282600	71.128	16.819	160.223	37851.805	44861.891	29.156	30506.088	26.419	1.021
2/11/2018 4:45	283500	71.113	16.827	160.19	37842.402	44842.543	29.142	30492.932	26.425	1.021
2/11/2018 5:00	284400	71.113	16.822	160.19	37843.652	44849.203	29.147	30497.461	26.425	1.021
2/11/2018 5:15	285300	71.137	16.817	160.243	37859.328	44872.496	29.164	30513.299	26.414	1.021
2/11/2018 5:30	286200	71.133	16.824	160.235	37869.094	44877.398	29.167	30516.633	26.407	1.021
2/11/2018 5:45	287100	71.137	16.817	160.244	37832.227	44840.293	29.14	30491.402	26.432	1.021
2/11/2018 6:00	288000	71.124	16.82	160.214	37862.07	44872.457	29.164	30513.273	26.412	1.021
2/11/2018 6:15	288900	71.13	16.811	160.227	37846.34	44863.891	29.157	30507.445	26.423	1.021
2/11/2018 6:30	289800	71.15	16.82	160.272	37837.984	44844.703	29.144	30494.4	26.428	1.021
2/11/2018 6:45	290700	71.145	16.813	160.262	37838.008	44851.07	29.148	30498.73	26.428	1.021
2/11/2018 7:00	291600	71.152	16.808	160.278	37831.879	44848.879	29.146	30497.24	26.433	1.021
2/11/2018 7:15	292500	71.156	16.814	160.286	37840.563	44853.105	29.149	30500.113	26.427	1.021
2/11/2018 7:30	293400	71.159	16.813	160.294	37852.344	44868.953	29.161	30510.891	26.418	1.021
2/11/2018 7:45	294300	71.15	16.82	160.271	37837.25	44843.133	29.143	30493.332	26.429	1.021
2/11/2018 8:00	295200	71.162	16.829	160.298	37858.82	44859.871	29.155	30504.715	26.414	1.021
2/11/2018 8:15	296100	71.167	16.811	160.31	37835.418	44850.23	29.147	30498.158	26.43	1.021
2/11/2018 8:30	297000	71.166	16.824	160.309	37850.988	44855.758	29.152	30501.916	26.419	1.021
2/11/2018 8:45	297900	71.157	16.821	160.288	37868.488	44879.977	29.169	30518.387	26.407	1.021
2/11/2018 9:00	298800	71.157	16.817	160.289	37830.617	44839.012	29.139	30490.527	26.434	1.021
2/11/2018 9:15	299700	71.156	16.817	160.286	37836.176	44845.422	29.144	30494.889	26.43	1.021
2/11/2018 9:30	300600	71.175	16.807	160.328	37813.691	44828.836	29.131	30483.609	26.445	1.021
2/11/2018 9:45	301500	71.175	16.827	160.328	37862.672	44866.215	29.16	30509.029	26.411	1.021
2/11/2018 10:00	302400	71.177	16.814	160.333	37841.867	44855.027	29.151	30501.42	26.426	1.021
2/11/2018 10:15	303300	71.177	16.81	160.334	37819.73	44832.871	29.135	30486.355	26.441	1.021
2/11/2018 10:30	304200	71.175	16.816	160.329	37846.348	44858.285	29.153	30503.635	26.423	1.021
2/11/2018 10:45	305100	71.159	16.827	160.293	37865.898	44870.219	29.162	30511.752	26.409	1.021
2/11/2018 11:00	306000	71.172	16.817	160.321	37874.906	44890.699	29.177	30525.676	26.403	1.021
2/11/2018 11:15	306900	71.153	16.818	160.279	37846.469	44856.645	29.152	30502.521	26.423	1.021
2/11/2018 11:30	307800	71.171	16.815	160.319	37851.02	44865.066	29.158	30508.248	26.419	1.021
2/11/2018 11:45	308700	71.147	16.815	160.265	37839.805	44851.156	29.148	30498.789	26.427	1.021
2/11/2018 12:00	309600	71.148	16.818	160.268	37834.348	44842.363	29.142	30492.807	26.431	1.021
2/11/2018 12:15	310500	71.147	16.814	160.266	37880.418	44900.621	29.184	30532.424	26.399	1.021
2/11/2018 12:30	311400	71.139	16.815	160.248	37860.816	44876.586	29.166	30516.078	26.413	1.021
2/11/2018 12:45	312300	71.137	16.815	160.243	37865.113	44881.402	29.117	30519.355	26.41	1.021
2/11/2018 13:00	313200	71.147	16.81	160.265	37871.836	44894.191	29.179	30528.051	26.405	1.021
2/11/2018 13:15	314100	71.145	16.811	160.262	37827.656	44841.293	29.141	30492.08	26.436	1.021
2/11/2018 13:30	315000	71.139	16.809	160.247	37837.055	44854.125	29.15	30500.807	26.429	1.021
2/11/2018 13:45	315900									

2/12/2018 12:30	397800	71.18	16.81	160.34	37842.582	44860.047	29.154	30504.834	26.425	1.021
2/12/2018 12:45	398700	71.197	16.807	160.379	37855.031	44877.395	29.167	30516.631	26.417	1.021
2/12/2018 13:00	399600	71.176	16.809	160.33	37828.965	44845.246	29.143	30494.768	26.435	1.021
2/12/2018 13:15	400500	71.171	16.812	160.32	37844.137	44860.109	29.154	30504.877	26.424	1.021
2/12/2018 13:30	401400	71.168	16.806	160.313	37835.676	44855.969	29.151	30502.061	26.43	1.021
2/12/2018 13:45	402300	71.164	16.815	160.303	37836.523	44847.438	29.145	30496.26	26.429	1.021
2/12/2018 14:00	403200	71.161	16.817	160.298	37850.766	44862.348	29.156	30506.396	26.42	1.021
2/12/2018 14:15	404100	71.158	16.809	160.29	37857.242	44878.316	29.167	30517.258	26.415	1.021
2/12/2018 14:30	405000	71.167	16.817	160.311	37867.133	44881.484	29.17	30519.41	26.408	1.021
2/12/2018 14:45	405900	71.143	16.814	160.258	37825.703	44835.594	29.137	30488.205	26.437	1.021
2/12/2018 15:00	406800	71.158	16.816	160.291	37843.063	44854.914	29.151	30501.344	26.425	1.021
2/12/2018 15:15	407700	71.136	16.818	160.224	37827.906	44834.727	29.136	30487.617	26.436	1.021
2/12/2018 15:30	408600	71.147	16.817	160.266	37853.23	44865.188	29.158	30508.33	26.418	1.021
2/12/2018 15:45	409500	71.126	16.81	160.218	37834.25	44849.637	29.147	30497.756	26.431	1.021
2/12/2018 16:00	410400	71.136	16.813	160.241	37866.281	44884.668	29.172	30521.576	26.409	1.021
2/12/2018 16:15	411300	71.119	16.807	160.203	37859.961	44883.145	29.171	30520.541	26.413	1.021
2/12/2018 16:30	412200	71.125	16.814	160.217	37854.43	44869.465	29.161	30511.238	26.417	1.021
2/12/2018 16:45	413100	71.12	16.81	160.205	37847.484	44865.328	29.158	30508.424	26.422	1.021
2/12/2018 17:00	414000	71.12	16.819	160.204	37868.746	44881.789	29.17	30519.619	26.407	1.021
2/12/2018 17:15	414900	71.116	16.816	160.195	37864.512	44880.16	29.169	30518.512	26.41	1.021
2/12/2018 17:30	415800	71.096	16.821	160.151	37882.449	44895.621	29.18	30529.023	26.397	1.021
2/12/2018 17:45	416700	71.111	16.835	160.185	37844.859	44837.102	29.139	30489.229	26.424	1.021
2/12/2018 18:00	417600	71.109	16.82	160.181	37880.367	44894.758	29.18	30528.438	26.399	1.021
2/12/2018 18:15	418500	71.103	16.82	160.167	37866.977	44878.98	29.168	30517.707	26.408	1.021
2/12/2018 18:30	419400	71.105	16.818	160.17	37843.848	44853.539	29.15	30500.408	26.424	1.021
2/12/2018 18:45	420300	71.103	16.823	160.166	37882.594	44894.637	29.18	30528.355	26.397	1.021
2/12/2018 19:00	421200	71.101	16.813	160.162	37843.273	44858.023	29.153	30503.459	26.425	1.021
2/12/2018 19:15	422100	71.1	16.816	160.16	37830.363	44839.234	29.139	30490.682	26.434	1.021
2/12/2018 19:30	423000	71.085	16.822	160.126	37832.199	44835.184	29.137	30487.926	26.433	1.021
2/12/2018 19:45	423900	71.103	16.803	160.166	37850.859	44877.078	29.166	30516.414	26.419	1.021
2/12/2018 20:00	424800	71.099	16.82	160.157	37853.164	44862.695	29.157	30506.633	26.418	1.021
2/12/2018 20:15	425700	71.103	16.813	160.165	37827.117	44838.246	29.139	30490.01	26.436	1.021
2/12/2018 20:30	426600	71.106	16.805	160.172	37836.832	44858.137	29.152	30503.535	26.429	1.021
2/12/2018 20:45	427500	71.104	16.818	160.168	37856.391	44868.406	29.161	30510.518	26.416	1.021
2/12/2018 21:00	428400	71.091	16.807	160.139	37865.016	44889.234	29.175	30524.682	26.41	1.021
2/12/2018 21:15	429300	71.089	16.811	160.134	37833.676	44848.336	29.146	30496.869	26.431	1.021
2/12/2018 21:30	430200	71.096	16.819	160.152	37849.848	44859.477	29.154	30504.445	26.42	1.021
2/12/2018 21:45	431100	71.108	16.817	160.178	37825.008	44832.363	29.135	30486.01	26.438	1.021
2/12/2018 22:00	432000	71.111	16.825	160.185	37850.859	44854.977	29.151	30501.387	26.419	1.021
2/12/2018 22:15	432900	71.098	16.818	160.155	37841.711	44850.906	29.148	30498.619	26.426	1.021
2/12/2018 22:30	433800	71.104	16.811	160.168	37810.84	44821.625	29.126	30478.707	26.447	1.021
2/12/2018 22:45	434700	71.1	16.816	160.161	37835.695	44846.184	29.144	30495.404	26.43	1.021
2/12/2018 23:00	435600	71.119	16.835	160.201	37868.648	44865.992	29.16	30508.877	26.407	1.021
2/12/2018 23:15	436500	71.101	16.82	160.163	37827.215	44831.766	29.134	30485.604	26.436	1.021
2/12/2018 23:30	437400	71.124	16.817	160.214	37821.152	44827.434	29.131	30482.656	26.44	1.021
2/12/2018 23:45	438300	71.129	16.815	160.224	37856.672	44871.852	29.163	30512.861	26.415	1.021
2/13/2018 0:00	439200	71.129	16.809	160.226	37836.773	44854.422	29.15	30501.01	26.429	1.021
2/13/2018 0:15	440100	71.127	16.819	160.22	37837.566	44845.195	29.144	30494.734	26.429	1.021
2/13/2018 0:30	441000	71.132	16.799	160.231	37842.93	44871.617	29.162	30512.701	26.425	1.021
2/13/2018 0:45	441900	71.113	16.814	160.19	37844.672	44858.781	29.153	30503.973	26.424	1.021
2/13/2018 1:00	442800	71.114	16.811	160.191	37853.484	44871.645	29.163	30512.721	26.418	1.021
2/13/2018 1:15	443700	71.109	16.81	160.179	37835.289	44851.141	29.148	30498.777	26.43	1.021
2/13/2018 1:30	444600	71.118	16.827	160.2	37852.883	44854.531	29.151	30501.084	26.418	1.021
2/13/2018 1:45	445500	71.129	16.821	160.226	37872.887	44885.188	29.173	30521.93	26.404	1.021
2/13/2018 2:00	446400	71.115	16.817	160.193	37839.207	44849.098	29.147	30497.389	26.428	1.021
2/13/2018 2:15	447300	71.118	16.813	160.2	37816.285	44826.031	29.13	30481.703	26.444	1.021
2/13/2018 2:30	448200	71.115	16.809	160.194	37859.168	44880.16	29.169	30518.512	26.414	1.021
2/13/2018 2:45	449100	71.13	16.811	160.228	37838.07	44853.375	29.149	30500.295	26.428	1.021
2/13/2018 3:00	450000	71.125	16.818	160.217	37837.598	44845.945	29.144	30495.242	26.429	1.021
2/13/2018 3:15	450900	71.129	16.809	160.226	37829.988	44845.84	29.144	30495.172	26.434	1.021
2/13/2018 3:30	451800	71.114	16.816	160.191	37838.73	44849.695	29.147	30497.795	26.428	1.021
2/13/2018 3:45	452700	71.131	16.811	160.229	37828.539	44841.891	29.141	30492.486	26.435	1.021
2/13/2018 4:00	453600	71.133	16.818	160.235	37855.316	44867.133	29.16	30509.65	26.416	1.021
2/13/2018 4:15	454500	71.111	16.812	160.185	37849.344	44866.02	29.159	30508.896	26.421	1.021
2/13/2018 4:30	455400	71.114	16.821	160.192	37848.207	44855.941	29.152	30502.043	26.421	1.021
2/13/2018 4:45	456300	71.116	16.806	160.197	37839.43	44859.875	29.154	30504.717	26.427	1.021
2/13/2018 5:00	457200	71.132	16.817	160.232	37839.395	44849.238	29.147	30497.484	26.427	1.021
2/13/2018 5:15	458100	71.128	16.816	160.222	37831.496	44840.32	29.14	30491.418	26.433	1.021
2/13/2018 5:30	459000	71.113	16.816	160.19	37863.66	44878.703	29.168	30517.52	26.411	1.021
2/13/2018 5:45	459900	71.116	16.812	160.197	37834.809	44848.254	29.146	30496.814	26.431	1.021
2/13/2018 6:00	460800	71.132	16.826	160.232	37836.648	44836.719	29.138	30488.971	26.429	1.021
2/13/2018 6:15	461700	71.136	16.813	160.242	37827.688	44838.922	29.139	30490.469	26.436	1.021
2/13/2018 6:30	462600	71.119	16.819	160.203	37835.859	44843.086	29.142	30493.299	26.43	1.021
2/13/2018 6:45	463500	71.122	16.815	160.21	37856.926	44871.449	29.163	30512.586	26.415	1.021
2/13/2018 7:00	464400	71.123	16.813	160.211	37827.938	44839.742	29.14	30491.025	26.435	1.021
2/13/2018 7:15	465300	71.143	16.828	160.257	37858.914	44861.059	29.156	30505.521	26.414	1.021
2/13/2018 7:30	466200	71.146	16.813	160.263	37822.953	44833.582	29.135	30486.838	26.439	1.021
2/13/2018 7:45	467100	71.129	16.824	160.225	37819.605	44819.016	29.125	30476.932	26.441	1.021
2/13/2018 8:00	468000	71.136	16.806	160.241	37856.832	44880.598	29.169	30518.809	26.415	1.021
2/13/2018 8:15	468900	71.151	16.82	160.275	37838.672	44844.91	29.144	30494.541	26.428	1.021
2/13/2018 8:30	469800	71.158	16.818	160.291	37871.582	44886.309	29.174	30522.691	26.405	1.021
2/13/2018 8:45	470700	71.138	16.814	160.246	37831.121	44841.914	29.141	30492.504	26.433	1.021
2/13/2018 9:00	471600	71.159	16.816	160.293	37840.535	44851.836	29.149	30499.25	26.427	1.021
2/13/2018 9:15	472500	71.169	16.819	160.314	37851.617	44861.141	29.155	30505.576	26.419	1.021
2/13/2018 9:30	473400	71.148	16.821	160.268	37844.547	44851.422	29.149	30498.969	26.424	1.021
2/13/2018 9:45	474300	71.153	16.808	160.278	37821.801	44837.559	29.138	30489.543	26.44	1.021
2/13/2018 10:00	475200	71.156	16.804	160.285	37844.137	44867.426	29.159	30509.852	26.424	1.021
2/13/2018 10:15	476100	7								

2/14/2018 9:00	558000	71.077	16.823	160.107	37837.848	44840.711	29.141	30491.686	26.429	1.021
2/14/2018 9:15	558900	71.082	16.81	160.119	37840.504	44857.148	29.152	30502.863	26.427	1.021
2/14/2018 9:30	559800	71.071	16.815	160.094	37828.215	44837.852	29.138	30489.742	26.435	1.021
2/14/2018 9:45	560700	71.075	16.819	160.103	37850.797	44860.34	29.155	30505.033	26.42	1.021
2/14/2018 10:00	561600	71.08	16.812	160.116	37830.648	44843.855	29.143	30493.824	26.434	1.021
2/14/2018 10:15	562500	71.096	16.813	160.151	37829.32	44841.66	29.141	30492.332	26.435	1.021
2/14/2018 10:30	563400	71.085	16.807	160.126	37837.754	44857.176	29.152	30502.881	26.429	1.021
2/14/2018 10:45	564300	71.082	16.808	160.118	37840.781	44859.613	29.154	30504.539	26.427	1.021
2/14/2018 11:00	565200	71.097	16.806	160.153	37836.168	44856.195	29.151	30502.215	26.43	1.021
2/14/2018 11:15	566100	71.106	16.815	160.172	37845.77	44858.574	29.153	30503.832	26.423	1.021
2/14/2018 11:30	567000	71.085	16.809	160.126	37832.859	44849.594	29.147	30497.727	26.432	1.021
2/14/2018 11:45	567900	71.091	16.82	160.14	37830.422	44835.48	29.137	30488.129	26.434	1.021
2/14/2018 12:00	568800	71.092	16.808	160.142	37835.402	44853.32	29.149	30500.26	26.43	1.021
2/14/2018 12:15	569700	71.093	16.814	160.145	37849.914	44865.09	29.158	30508.262	26.42	1.021
2/14/2018 12:30	570600	71.092	16.836	160.141	37844.645	44836.121	29.138	30488.564	26.424	1.021
2/14/2018 12:45	571500	71.109	16.813	160.18	37847.414	44862.391	29.156	30506.428	26.422	1.021
2/14/2018 13:00	572400	71.105	16.814	160.171	37816.379	44824.363	29.129	30480.568	26.444	1.021
2/14/2018 13:15	573300	71.086	16.808	160.128	37837.344	44855.535	29.151	30501.764	26.429	1.021
2/14/2018 13:30	574200	71.104	16.807	160.168	37819.316	44835.688	29.136	30488.27	26.442	1.021
2/14/2018 13:45	575100	71.095	16.818	160.148	37860.781	44873.063	29.164	30513.686	26.413	1.021
2/14/2018 14:00	576000	71.094	16.814	160.147	37837.949	44850.73	29.148	30498.496	26.428	1.021
2/14/2018 14:15	576900	71.078	16.808	160.111	37837.715	44856.605	29.152	30502.492	26.429	1.021
2/14/2018 14:30	577800	71.07	16.81	160.092	37859.898	44880.043	29.169	30518.432	26.413	1.021
2/14/2018 14:45	578700	71.065	16.815	160.08	37815.652	44823.324	29.128	30479.861	26.444	1.021
2/14/2018 15:00	579600	71.08	16.815	160.114	37845.43	44858.348	29.153	30503.678	26.423	1.021
2/14/2018 15:15	580500	71.054	16.819	160.057	37834.078	44841.152	29.141	30491.984	26.431	1.021
2/14/2018 15:30	581400	71.05	16.818	160.047	37841.605	44850.883	29.148	30498.604	26.426	1.021
2/14/2018 15:45	582300	71.057	16.813	160.063	37847	44861.727	29.156	30505.977	26.422	1.021
2/14/2018 16:00	583200	71.038	16.815	160.02	37858.063	44873.414	29.164	30513.924	26.414	1.021
2/14/2018 16:15	584100	71.045	16.821	160.036	37850.102	44857.285	29.153	30502.957	26.42	1.021
2/14/2018 16:30	585000	71.043	16.821	160.031	37843.945	44850.176	29.148	30498.121	26.424	1.021
2/14/2018 16:45	585900	71.02	16.822	159.979	37858.535	44866.93	29.16	30509.514	26.414	1.021
2/14/2018 17:00	586800	71.025	16.821	159.99	37839.051	44844.637	29.144	30494.354	26.428	1.021
2/14/2018 17:15	587700	71.005	16.812	159.945	37840.852	44855.953	29.151	30502.051	26.426	1.021
2/14/2018 17:30	588600	71.003	16.81	159.941	37843.727	44861.141	29.155	30505.576	26.424	1.021
2/14/2018 17:45	589500	70.995	16.809	159.923	37858.004	44879.051	29.168	30517.756	26.414	1.021
2/14/2018 18:00	590400	71.003	16.82	159.94	37810.516	44811.445	29.12	30471.785	26.448	1.021
2/14/2018 18:15	591300	71.002	16.818	159.938	37847.984	44858.441	29.153	30503.742	26.421	1.021
2/14/2018 18:30	592200	70.981	16.82	159.892	37838.16	44844.828	29.144	30494.486	26.428	1.021
2/14/2018 18:45	593100	70.998	16.819	159.93	37841.219	44848.988	29.147	30497.314	26.426	1.021
2/14/2018 19:00	594000	70.992	16.817	159.916	37835.828	44845.281	29.144	30494.793	26.43	1.021
2/14/2018 19:15	594900	70.971	16.821	159.869	37820.078	44822.074	29.127	30479.014	26.441	1.021
2/14/2018 19:30	595800	70.969	16.817	159.864	37823.172	44829.828	29.133	30484.285	26.439	1.021
2/14/2018 19:45	596700	70.984	16.82	159.897	37845.02	44852.867	29.15	30499.951	26.424	1.021
2/14/2018 20:00	597600	70.979	16.818	159.887	37876.082	44891.922	29.178	30526.508	26.402	1.021
2/14/2018 20:15	598500	70.964	16.81	159.853	37848.301	44866.293	29.159	30509.08	26.421	1.021
2/14/2018 20:30	599400	70.98	16.82	159.89	37825.531	44829.859	29.133	30484.307	26.437	1.021
2/14/2018 20:45	600300	70.958	16.825	159.84	37813.793	44810.344	29.119	30471.035	26.445	1.021
2/14/2018 21:00	601200	70.979	16.806	159.887	37852.344	44875.277	29.165	30515.189	26.418	1.021
2/14/2018 21:15	602100	70.962	16.804	159.849	37803.574	44819.422	29.124	30477.209	26.453	1.021
2/14/2018 21:30	603000	70.979	16.826	159.887	37837.949	44838.262	29.139	30490.02	26.428	1.021
2/14/2018 21:45	603900	70.964	16.817	159.853	37851.18	44863.023	29.157	30506.857	26.419	1.021
2/14/2018 22:00	604800	70.982	16.812	159.894	37839.836	44854.832	29.15	30501.287	26.427	1.021
2/14/2018 22:15	605700	70.984	16.822	159.898	37838.988	44843.316	29.143	30493.455	26.428	1.021
2/14/2018 22:30	606600	70.966	16.813	159.857	37836.746	44849.574	29.147	30497.713	26.429	1.021
2/14/2018 22:45	607500	70.972	16.815	159.872	37828.789	44838.715	29.139	30490.328	26.435	1.021
2/14/2018 23:00	608400	70.971	16.817	159.87	37833.422	44842.156	29.142	30492.668	26.432	1.021
2/14/2018 23:15	609300	70.972	16.814	159.871	37837.438	44849.676	29.147	30497.779	26.429	1.021
2/14/2018 23:30	610200	70.982	16.82	159.895	37846.004	44854.031	29.15	30500.744	26.423	1.021
2/14/2018 23:45	611100	70.979	16.813	159.887	37828.594	44840.27	29.14	30491.385	26.435	1.021

Report Date: 2/16/2018 10:44
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_2018-02-15_10-27-19-735-BaroMerge.wsl
Create Date 2/16/2018 10:40

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 Log Download - 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 3:30:00 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 10:15:00 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 13:05 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: AVanHaitsma Interval - Start Time: 8/9/2017 10:00:00 PM Stop Time: 8/17/2017 12:15:00 PM
8/24/2017 11:09 Log Download - Used Battery: 28% Used Memory: 50% User Name: AVanHaitsma Interval - Start Time: 8/16/2017 10:00:00 PM Stop Time: 8/24/2017 12:00:00 PM
9/1/2017 12:56 Log Download - Used Battery: 29% Used Memory: 51% User Name: WMassoll Interval - Start Time: 8/17/2017 11:45:00 AM Stop Time: 9/1/2017 1:45:00 PM
9/1/2017 12:56 Log Download - Used Battery: 29% Used Memory: 51% User Name: WMassoll Interval - Start Time: 7/31/2017 11:45:00 AM Stop Time: 9/1/2017 12:45:00 PM
2/16/2018 10:40 User Note: "Pressure & Level adjusted by baro data from: "MPWSP Barotroll_2018-02-15_16-52-45-921.wsl""

Log Data:
Record Count 722

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

Time Zone: Pacific Standard 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		SNR: 427634		SNR: 427634		SNR: 427634		SNR: 427634		SNR: 427634		SNR: 427634		SNR: 000000	
		Corrected Pressure (PSI)	Temperature (C)	Corrected Depth (ft)	Actual Conductivity (µS/cm)	Specific Conductivity (µS/cm)	Salinity (PSU)	Total Dissolved Solids (ppt)	Resistivity (ohm-cm)	Water Density (g/cm3)	Barometric Pressure (PSI)						
2/8/2018 0:00	7200	26.072	16.933	59.426	4159.425	4917.017	2.661	3.344	240.418	1.001	14.84						
2/8/2018 0:15	8100	26.076	16.933	59.435	4159.503	4917.089	2.661	3.344	240.413	1.001	14.832						
2/8/2018 0:30	9000	26.071	16.934	59.425	4159.395	4916.931	2.661	3.344	240.42	1.001	14.839						
2/8/2018 0:45	9900	26.071	16.933	59.423	4158.617	4916.07	2.66	3.343	240.465	1.001	14.835						
2/8/2018 1:00	10800	26.065	16.933	59.41	4159.823	4917.506	2.661	3.344	240.395	1.001	14.838						
2/8/2018 1:15	11700	26.077	16.933	59.437	4160.278	4918.053	2.661	3.344	240.369	1.001	14.834						
2/8/2018 1:30	12600	26.07	16.934	59.423	4160.367	4918.09	2.661	3.344	240.363	1.001	14.832						
2/8/2018 1:45	13500	26.066	16.933	59.413	4159.937	4917.65	2.661	3.344	240.388	1.001	14.836						
2/8/2018 2:00	14400	26.077	16.933	59.438	4159.906	4917.565	2.661	3.344	240.39	1.001	14.829						
2/8/2018 2:15	15300	26.081	16.933	59.446	4160.445	4918.281	2.662	3.344	240.359	1.001	14.826						
2/8/2018 2:30	16200	26.073	16.933	59.428	4161.342	4919.35	2.662	3.345	240.307	1.001	14.828						
2/8/2018 2:45	17100	26.072	16.933	59.425	4161.124	4919.053	2.662	3.345	240.32	1.001	14.833						
2/8/2018 3:00	18000	26.078	16.933	59.441	4161.016	4918.917	2.662	3.345	240.326	1.001	14.827						
2/8/2018 3:15	18900	26.072	16.933	59.425	4161.812	4919.896	2.662	3.346	240.28	1.001	14.827						
2/8/2018 3:30	19800	26.072	16.933	59.426	4161.625	4919.637	2.662	3.345	240.291	1.001	14.824						
2/8/2018 3:45	20700	26.08	16.933	59.445	4164.49	4923.032	2.664	3.348	240.125	1.001	14.82						
2/8/2018 4:00	21600	26.077	16.933	59.437	4163.494	4921.884	2.664	3.347	240.183	1.001	14.827						
2/8/2018 4:15	22500	26.064	16.934	59.409	4163.851	4922.217	2.664	3.347	240.162	1.001	14.832						
2/8/2018 4:30	23400	26.079	16.933	59.442	4163.428	4921.728	2.664	3.347	240.187	1.001	14.822						
2/8/2018 4:45	24300	26.07	16.933	59.423	4163.044	4921.295	2.663	3.346	240.209	1.001	14.827						
2/8/2018 5:00	25200	26.083	16.933	59.45	4162.736	4920.91	2.663	3.346	240.227	1.001	14.827						
2/8/2018 5:15	26100	26.077	16.933	59.437	4161.833	4919.863	2.662	3.346	240.279	1.001	14.827						
2/8/2018 5:30	27000	26.071	16.933	59.424	4162.065	4920.126	2.663	3.346	240.265	1.001	14.827						
2/8/2018 5:45	27900	26.073	16.933	59.428	4161.307	4919.221	2.662	3.345	240.309	1.001	14.829						
2/8/2018 6:00	28800	26.067	16.934	59.415	4162.559	4920.69	2.663	3.346	240.237	1.001	14.832						
2/8/2018 6:15	29700	26.072	16.934	59.425	4161.565	4919.507	2.662	3.345	240.294	1.001	14.826						
2/8/2018 6:30	30600	26.073	16.933	59.429	4161.256	4919.17	2.662	3.345	240.312	1.001	14.826						
2/8/2018 6:45	31500	26.068	16.933	59.418	4161.765	4919.802	2.662	3.345	240.283	1.001	14.834						
2/8/2018 7:00	32400	26.074	16.933	59.408	4161.795	4919.885	2.662	3.346	240.281	1.001	14.828						
2/8/2018 7:15	33300	26.07	16.933	59.421	4161.292	4919.203	2.662	3.345	240.31	1.001	14.832						
2/8/2018 7:30	34200	26.076	16.934	59.436	4162.218	4920.23	2.663	3.346	240.257	1.001	14.832						
2/8/2018 7:45	35100	26.067	16.933	59.414	4161.209	4919.105	2.662	3.345	240.315	1.001	14.836						
2/8/2018 8:00	36000	26.081	16.933	59.446	4160.496	4918.301	2.662	3.344	240.326	1.001	14.827						
2/8/2018 8:15	36900	26.071	16.934	59.424	4160.176	4917.854	2.661	3.344	240.374	1.001	14.838						
2/8/2018 8:30	37800	26.076	16.933	59.436	4159.564	4917.19	2.661	3.344	240.41	1.001	14.837						
2/8/2018 8:45	38700	26.079	16.933	59.443	4159.808	4917.488	2.661	3.344	240.396	1.001	14.838						
2/8/2018 9:00	39600	26.073	16.933	59.428	4159.858	4917.556	2.661	3.344	240.393	1.001	14.84						
2/8/2018 9:15	40500	26.064	16.933	59.409	4159.816	4917.458	2.661	3.344	240.395	1.001	14.839						
2/8/2018 9:30	41400	26.076	16.933	59.434	4159.292	4916.887	2.661	3.343	240.426	1.001	14.841						
2/8/2018 9:45	42300	26.069	16.933	59.419	4158.757	4916.285	2.66	3.343	240.456	1.001	14.837						
2/8/2018 10:00	43200	26.069	16.933	59.419	4158.953	4916.897	2.661	3.343	240.445	1.001	14.836						
2/8/2018 10:15	44100	26.071	16.933	59.424	4159.224	4916.836	2.661	3.343	240.429	1.001	14.835						
2/8/2018 10:30	45000	26.081	16.932	59.447	4160.187	4918.013	2.661	3.344	240.374	1.001	14.828						
2/8/2018 10:45	45900	26.07	16.933	59.422	4160.369	4918.171	2.662	3.344	240.363	1.001	14.836						
2/8/2018 11:00	46800	26.079	16.932	59.442	4165.152	4923.972	2.665	3.348	240.087	1.001	14.826						
2/8/2018 11:15	47700	26.077	16.93	59.436	4165.089	4924.023	2.665	3.348	240.091	1.001	14.826						
2/8/2018 11:30	48600	26.081	16.931	59.452	4167.869	4927.252	2.667	3.351	239.9167	1.001	14.823						
2/8/2018 11:45	49500	26.082	16.931	59.449	4168.635	4928.137	2.667	3.351	239.887	1.001	14.817						
2/8/2018 12:00	50400	26.089	16.932	59.464	4169.403	4928.927	2.668	3.352	239.842	1.001	14.817						
2/8/2018 12:15	51300	26.091	16.931	59.47	4170.209	4929.959	2.668	3.352	239.796	1.001	14.802						
2/8/2018 12:30	52200	26.081	16.931	59.448	4170.658	4930.56	2.669	3.353	239.77	1.001	14.804						
2/8/2018 12:45	53100	26.087	16.931	59.461	4171.486	4931.557	2.669	3.353	239.723	1.001	14.795						
2/8/2018 13:00	54000	26.09	16.931	59.467	4171.256	4931.266	2.669	3.353	239.776	1.001	14.799						
2/8/2018 13:15	54900	26.093	16.931	59.473	4172.228	4932.385	2.667	3.354	239.68	1.001	14.785						
2/8/2018 13:30	55800	26.087	16.931	59.461	4173.444	4933.842	2.671	3.355	239.61	1.001	14.786						
2/8/2018 13:45	56700	26.087	16.931	59.459	4173.471	4933.873	2.671	3.355	239.609	1.001	14.784						
2/8/2018 14:00	57600	26.084	16.93	59.453	4174.249	4934.862	2.671	3.356	239.564	1.001	14.783						
2/8/2018 14:15	58500	26.089	16.931	59.465	4174.825	4935.287	2.671	3.356	239.542	1.001	14.774						
2/8/2018 14:30	59400	26.09	16.933	59.468	4175.89	4936.832	2.671	3.357	239.47	1.001	14.776						
2/8/2018 14:45	60300	26.081	16.931	59.447	4176.252	4937.21	2.672	3.357	239.449	1.001	14.781						
2/8/2018 15:00	61200	26.089	16.93	59.466	4177.099	4938.24	2.673	3.358	239.401	1.001	14.775						
2/8/2018 15:15	62100	26.081	16.93	59.447	4177.413	4938.592	2.673	3.358	239.383	1.001	14.778						
2/8/2018 15:30	63000	26.082	16.93	59.449	4177.309	4938.529	2.673	3.358	239.389	1.001	14.774						
2/8/2018 15:45	63900	26.084	16.931	59.452	4177.609	4938.815	2.673	3.358	239.371	1.001	14.771						
2/8/2018 16:00	64800	26.087	16.931	59.461	4177.867	4939.101	2.674	3.359	239.357	1.001	14.773						
2/8/2018 16:15	65700	26.082	16.93	59.449	4178.149	4939.493	2.674	3.359	239.34	1.001	14.774						
2/8/2018 16:30	66600	26.092	16.931	59.472	4177.752	4938.974	2.673	3.359	239.363	1.001	14.766						
2/8/2018 16:45	67500	26.086	16.931	59.457	4178.089	4939.383	2.674	3.359	239.344	1.001	14.778						
2/8/2018 17:00	68400	26.081	16.93	59.447	4177.962	4939.252	2.674	3.359	239.351	1.001	14.781						
2/8/2018 17:15	69300	26.079	16.93	59.451	4177.636	4938.875	2.673	3.358	239.37	1.001	14.778						
2/8/2018 17:30	70200	26.083	16.931	59.451	4178.501	4939.87	2.674	3.359	239.32	1.001	14.772						
2/8/2018 17:45	71100	26.077	16.931	59.439	4177.941	4939.208	2.674	3.359	239.352	1.001	14.778						
2/8/2018 18:00	72000	26.087	16.93	59.46	4177.409	4938.587	2.673	3.358	239.383	1.001	14.768						

2/8/2018 18:15	72900	26.081	16.93	59.447	4176.803	4937.95	2.673	3.358	239.418	1.001	14.773
2/8/2018 18:30	73800	26.082	16.931	59.449	4175.81	4936.678	2.672	3.357	239.474	1.001	14.776
2/8/2018 18:45	74700	26.079	16.93	59.441	4175.503	4936.345	2.672	3.357	239.492	1.001	14.775
2/8/2018 19:00	75600	26.083	16.93	59.45	4175.139	4935.963	2.672	3.356	239.513	1.001	14.771
2/8/2018 19:15	76500	26.083	16.93	59.452	4174.481	4935.167	2.671	3.356	239.551	1.001	14.776
2/8/2018 19:30	77400	26.076	16.93	59.436	4174.48	4935.135	2.671	3.356	239.578	1.001	14.775
2/8/2018 19:45	78300	26.091	16.93	59.471	4174.152	4934.748	2.671	3.356	239.57	1.001	14.778
2/8/2018 20:00	79200	26.086	16.93	59.458	4174.189	4934.821	2.671	3.356	239.567	1.001	14.773
2/8/2018 20:15	80100	26.081	16.93	59.446	4174.017	4934.617	2.671	3.356	239.577	1.001	14.776
2/8/2018 20:30	81000	26.08	16.93	59.444	4174.257	4934.921	2.671	3.356	239.564	1.001	14.779
2/8/2018 20:45	81900	26.084	16.93	59.454	4173.833	4934.361	2.671	3.355	239.588	1.001	14.774
2/8/2018 21:00	82800	26.084	16.931	59.453	4174.008	4934.539	2.671	3.355	239.578	1.001	14.773
2/8/2018 21:15	83700	26.083	16.93	59.451	4173.89	4934.447	2.671	3.355	239.551	1.001	14.776
2/8/2018 21:30	84600	26.081	16.931	59.446	4173.022	4933.373	2.671	3.355	239.634	1.001	14.781
2/8/2018 21:45	85500	26.091	16.93	59.47	4173.249	4933.689	2.67	3.355	239.621	1.001	14.78
2/8/2018 22:00	86400	26.072	16.931	59.427	4172.736	4933.035	2.67	3.354	239.651	1.001	14.788
2/8/2018 22:15	87300	26.085	16.931	59.457	4172.28	4932.485	2.67	3.354	239.677	1.001	14.778
2/8/2018 22:30	88200	26.084	16.93	59.454	4172.058	4932.271	2.67	3.354	239.69	1.001	14.788
2/8/2018 22:45	89100	26.073	16.93	59.428	4171.531	4931.648	2.669	3.354	239.72	1.001	14.787
2/8/2018 23:00	90000	26.08	16.931	59.444	4171.875	4932.006	2.669	3.354	239.7	1.001	14.783
2/8/2018 23:15	90900	26.077	16.931	59.438	4171.376	4931.417	2.669	3.353	239.729	1.001	14.786
2/8/2018 23:30	91800	26.075	16.931	59.432	4171.773	4931.828	2.669	3.354	239.706	1.001	14.786
2/8/2018 23:45	92700	26.08	16.931	59.445	4171.1	4931.09	2.669	3.353	239.745	1.001	14.784
2/9/2018 0:00	93600	26.081	16.93	59.447	4171.724	4931.877	2.669	3.354	239.709	1.001	14.781
2/9/2018 0:15	94500	26.082	16.931	59.448	4171.719	4931.813	2.669	3.354	239.709	1.001	14.781
2/9/2018 0:30	95400	26.078	16.93	59.44	4171.823	4932.024	2.669	3.354	239.703	1.001	14.782
2/9/2018 0:45	96300	26.079	16.93	59.443	4171.228	4931.321	2.669	3.353	239.738	1.001	14.777
2/9/2018 1:00	97200	26.088	16.931	59.463	4171.48	4931.531	2.669	3.353	239.723	1.001	14.77
2/9/2018 1:15	98100	26.084	16.931	59.454	4171.925	4932.007	2.669	3.354	239.698	1.001	14.774
2/9/2018 1:30	99000	26.084	16.931	59.453	4172.051	4932.195	2.67	3.354	239.69	1.001	14.774
2/9/2018 1:45	99900	26.081	16.931	59.447	4171.312	4931.31	2.669	3.353	239.733	1.001	14.773
2/9/2018 2:00	100800	26.091	16.93	59.47	4171.969	4932.196	2.67	3.354	239.695	1.001	14.763
2/9/2018 2:15	101700	26.078	16.931	59.44	4172.688	4932.939	2.67	3.354	239.654	1.001	14.772
2/9/2018 2:30	102600	26.088	16.93	59.463	4172.665	4933.008	2.67	3.354	239.655	1.001	14.766
2/9/2018 2:45	103500	26.088	16.931	59.462	4172.556	4932.831	2.67	3.354	239.661	1.001	14.766
2/9/2018 3:00	104400	26.093	16.931	59.474	4171.631	4931.737	2.669	3.354	239.714	1.001	14.759
2/9/2018 3:15	105300	26.087	16.931	59.461	4172.878	4933.202	2.67	3.355	239.643	1.001	14.749
2/9/2018 3:30	106200	26.086	16.93	59.458	4172.367	4932.637	2.67	3.354	239.672	1.001	14.763
2/9/2018 3:45	107100	26.084	16.93	59.454	4172.984	4933.367	2.67	3.355	239.637	1.001	14.762
2/9/2018 4:00	108000	26.083	16.93	59.451	4172.616	4932.922	2.67	3.354	239.658	1.001	14.761
2/9/2018 4:15	108900	26.09	16.93	59.466	4173.109	4933.563	2.67	3.355	239.63	1.001	14.757
2/9/2018 4:30	109800	26.087	16.93	59.461	4172.901	4933.327	2.67	3.355	239.641	1.001	14.751
2/9/2018 4:45	110700	26.085	16.93	59.465	4172.492	4932.843	2.67	3.354	239.665	1.001	14.757
2/9/2018 5:00	111600	26.097	16.93	59.483	4173.294	4933.782	2.67	3.355	239.619	1.001	14.753
2/9/2018 5:15	112500	26.086	16.93	59.459	4172.461	4932.798	2.67	3.354	239.667	1.001	14.755
2/9/2018 5:30	113400	26.09	16.93	59.466	4172.497	4932.859	2.67	3.354	239.665	1.001	14.753
2/9/2018 5:45	114300	26.089	16.93	59.464	4172.38	4932.722	2.67	3.354	239.671	1.001	14.752
2/9/2018 6:00	115200	26.089	16.931	59.465	4173.043	4933.417	2.67	3.355	239.633	1.001	14.75
2/9/2018 6:15	116100	26.085	16.93	59.456	4172.949	4933.423	2.67	3.355	239.629	1.001	14.759
2/9/2018 6:30	117000	26.086	16.931	59.459	4173.728	4933.675	2.67	3.355	239.62	1.001	14.752
2/9/2018 6:45	117900	26.094	16.93	59.477	4172.673	4933.077	2.67	3.354	239.655	1.001	14.748
2/9/2018 7:00	118800	26.094	16.93	59.476	4171.979	4932.208	2.67	3.354	239.694	1.001	14.754
2/9/2018 7:15	119700	26.085	16.93	59.455	4172.077	4932.333	2.67	3.354	239.689	1.001	14.76
2/9/2018 7:30	120600	26.083	16.931	59.452	4171.588	4931.697	2.669	3.354	239.717	1.001	14.765
2/9/2018 7:45	121500	26.085	16.931	59.457	4172.614	4932.899	2.67	3.354	239.658	1.001	14.765
2/9/2018 8:00	122400	26.085	16.93	59.456	4172.252	4932.546	2.67	3.354	239.672	1.001	14.762
2/9/2018 8:15	123300	26.087	16.93	59.46	4171.256	4931.343	2.669	3.353	239.736	1.001	14.771
2/9/2018 8:30	124200	26.081	16.931	59.447	4170.217	4929.999	2.668	3.352	239.796	1.001	14.767
2/9/2018 8:45	125100	26.088	16.931	59.462	4170.235	4930.067	2.668	3.352	239.795	1.001	14.767
2/9/2018 9:00	126000	26.084	16.931	59.454	4169.898	4929.661	2.668	3.352	239.814	1.001	14.764
2/9/2018 9:15	126900	26.088	16.931	59.462	4169.254	4928.938	2.668	3.352	239.851	1.001	14.762
2/9/2018 9:30	127800	26.08	16.931	59.444	4169.148	4928.745	2.668	3.352	239.857	1.001	14.757
2/9/2018 9:45	128700	26.08	16.931	59.444	4168.851	4928.45	2.667	3.351	239.874	1.001	14.768
2/9/2018 10:00	129600	26.083	16.931	59.452	4168.818	4928.393	2.667	3.351	239.876	1.001	14.762
2/9/2018 10:15	130500	26.083	16.93	59.452	4168.69	4928.281	2.667	3.351	239.883	1.001	14.764
2/9/2018 10:30	131400	26.079	16.931	59.443	4168.036	4927.479	2.667	3.351	239.921	1.001	14.764
2/9/2018 10:45	132300	26.074	16.93	59.431	4167.33	4926.672	2.666	3.35	239.962	1.001	14.767
2/9/2018 11:00	133200	26.085	16.931	59.455	4167.412	4926.75	2.666	3.35	239.957	1.001	14.773
2/9/2018 11:15	134100	26.079	16.931	59.442	4167.021	4926.267	2.666	3.35	239.98	1.001	14.763
2/9/2018 11:30	135000	26.085	16.93	59.456	4166.842	4926.125	2.666	3.35	239.99	1.001	14.755
2/9/2018 11:45	135900	26.081	16.931	59.446	4166.523	4925.671	2.666	3.349	240.008	1.001	14.758
2/9/2018 12:00	136800	26.088	16.931	59.462	4166.198	4925.305	2.666	3.349	240.027	1.001	14.749
2/9/2018 12:15	137700	26.084	16.931	59.454	4165.983	4925.033	2.665	3.349	240.039	1.001	14.748
2/9/2018 12:30	138600	26.085	16.93	59.455	4165.917	4925.056	2.665	3.349	240.043	1.001	14.749
2/9/2018 12:45	139500	26.084	16.931	59.452	4165.907	4924.971	2.665	3.349	240.044	1.001	14.743
2/9/2018 13:00	140400	26.088	16.93	59.462	4166.343	4925.555	2.666	3.349	240.019	1.001	14.737
2/9/2018 13:15	141300	26.086	16.93	59.459	4166.342	4925.504	2.666	3.349	240.019	1.001	14.734
2/9/2018 13:30	142200	26.083	16.93	59.451	4167.143	4926.5	2.666	3.35	239.973	1.001	14.735
2/9/2018 13:45	143100	26.084	16.931	59.454	4167.292	4926.589	2.666	3.35	239.964	1.001	14.731
2/9/2018 14:00	144000	26.09	16.93	59.467	4167.367	4926.367	2.666	3.35	239.981	1.001	14.728
2/9/2018 14:15	144900	26.092	16.93	59.471	4166.991	4926.271	2.666	3.35	239.981	1.001	14.724
2/9/2018 14:30	145800	26.099	16.93	59.487	4167.945	4927.399	2.667	3.351	239.926	1.001	14.723
2/9/2018 14:45	146700	26.083	16.93	59.451	4168.322	4927.885	2.667	3.351	239.905	1.001	14.727
2/9/2018 15:00	147600	26.089	16.93	59.464	4168.73	4928.368	2.667	3.351	239.881	1.001	14.725
2/9/2018 15:15	148500	26.081	16.93	59.446	4169.048	4928.714	2.668	3.352	239.863	1.001	14.73
2/9/2018 15:30	149400	26.084	16.93	59.454	4168.965	4928.722	2.668	3.352	239.868	1.001	14.729
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2/10/2018 23:00	262800	26.079	16.931	59.441	4156.592	4913.938	2.659	3.341	240.582	1.001	14.701
2/10/2018 23:15	263700	26.085	16.931	59.456	4157.037	4914.398	2.659	3.342	240.556	1.001	14.696
2/10/2018 23:30	264600	26.08	16.931	59.443	4156.636	4913.932	2.659	3.341	240.579	1.001	14.702
2/10/2018 23:45	265500	26.083	16.931	59.45	4156.742	4914.038	2.659	3.342	240.573	1.001	14.702
2/11/2018 0:00	266400	26.078	16.931	59.439	4157.124	4914.509	2.659	3.342	240.551	1.001	14.704
2/11/2018 0:15	267300	26.084	16.931	59.453	4156.88	4914.231	2.659	3.342	240.565	1.001	14.701
2/11/2018 0:30	268200	26.079	16.931	59.441	4157.688	4915.235	2.66	3.342	240.571	1.001	14.707
2/11/2018 0:45	269100	26.078	16.932	59.441	4157.035	4914.356	2.659	3.342	240.556	1.001	14.71
2/11/2018 1:00	270000	26.073	16.931	59.429	4157.279	4914.724	2.66	3.342	240.542	1.001	14.714
2/11/2018 1:15	270900	26.078	16.931	59.439	4157.431	4914.852	2.66	3.342	240.533	1.001	14.714
2/11/2018 1:30	271800	26.078	16.932	59.44	4157.083	4914.393	2.659	3.342	240.553	1.001	14.712
2/11/2018 1:45	272700	26.088	16.931	59.462	4157.014	4914.39	2.659	3.342	240.557	1.001	14.706
2/11/2018 2:00	273600	26.082	16.932	59.449	4157.088	4914.419	2.659	3.342	240.559	1.001	14.72
2/11/2018 2:15	274500	26.078	16.932	59.44	4157.113	4914.438	2.659	3.342	240.552	1.001	14.717
2/11/2018 2:30	275400	26.082	16.932	59.45	4157.376	4914.779	2.66	3.342	240.536	1.001	14.713
2/11/2018 2:45	276300	26.097	16.932	59.483	4157.98	4915.494	2.66	3.343	240.501	1.001	14.702
2/11/2018 3:00	277200	26.085	16.932	59.455	4158.184	4915.695	2.66	3.343	240.49	1.001	14.714
2/11/2018 3:15	278100	26.081	16.931	59.447	4158.092	4915.665	2.66	3.343	240.495	1.001	14.714
2/11/2018 3:30	279000	26.072	16.931	59.425	4158.718	4916.375	2.66	3.343	240.459	1.001	14.719
2/11/2018 3:45	279900	26.079	16.931	59.443	4159.414	4917.236	2.661	3.344	240.418	1.001	14.717
2/11/2018 4:00	280800	26.079	16.932	59.441	4159.343	4917.105	2.661	3.344	240.423	1.001	14.718
2/11/2018 4:15	281700	26.082	16.932	59.448	4159.857	4917.701	2.661	3.344	240.393	1.001	14.714
2/11/2018 4:30	282600	26.083	16.931	59.451	4159.939	4917.829	2.661	3.344	240.388	1.001	14.711
2/11/2018 4:45	283500	26.081	16.932	59.447	4160.544	4918.642	2.662	3.345	240.347	1.001	14.712
2/11/2018 5:00	284400	26.084	16.932	59.453	4161.219	4919.323	2.662	3.345	240.314	1.001	14.709
2/11/2018 5:15	285300	26.082	16.932	59.449	4161.496	4919.62	2.662	3.345	240.298	1.001	14.708
2/11/2018 5:30	286200	26.082	16.932	59.449	4161.183	4919.19	2.662	3.345	240.316	1.001	14.708
2/11/2018 5:45	287100	26.076	16.932	59.434	4162.144	4920.405	2.663	3.346	240.261	1.001	14.713
2/11/2018 6:00	288000	26.088	16.931	59.463	4162.208	4920.519	2.663	3.346	240.257	1.001	14.7
2/11/2018 6:15	288900	26.087	16.931	59.461	4163.653	4922.219	2.664	3.347	240.174	1.001	14.708
2/11/2018 6:30	289800	26.081	16.932	59.462	4164.057	4922.546	2.664	3.347	240.15	1.001	14.705
2/11/2018 6:45	290700	26.089	16.932	59.464	4163.962	4922.506	2.664	3.347	240.156	1.001	14.714
2/11/2018 7:00	291600	26.081	16.931	59.448	4164.336	4923.086	2.664	3.348	240.134	1.001	14.713
2/11/2018 7:15	292500	26.078	16.932	59.439	4164.78	4923.512	2.665	3.348	240.109	1.001	14.712
2/11/2018 7:30	293400	26.074	16.932	59.432	4165.211	4924.042	2.665	3.348	240.084	1.001	14.716
2/11/2018 7:45	294300	26.086	16.932	59.458	4165.092	4923.89	2.665	3.348	240.091	1.001	14.711
2/11/2018 8:00	295200	26.081	16.931	59.465	4165.169	4924.065	2.665	3.348	240.086	1.001	14.706
2/11/2018 8:15	296100	26.075	16.932	59.432	4164.811	4923.528	2.665	3.348	240.107	1.001	14.717
2/11/2018 8:30	297000	26.078	16.931	59.44	4164.815	4923.583	2.665	3.348	240.107	1.001	14.717
2/11/2018 8:45	297900	26.088	16.932	59.463	4163.538	4922.024	2.664	3.347	240.18	1.001	14.711
2/11/2018 9:00	298800	26.068	16.932	59.418	4163.649	4922.145	2.664	3.347	240.174	1.001	14.724
2/11/2018 9:15	299700	26.084	16.932	59.453	4163.566	4922.066	2.664	3.347	240.179	1.001	14.713
2/11/2018 9:30	300600	26.081	16.932	59.463	4163.468	4921.963	2.664	3.347	240.184	1.001	14.714
2/11/2018 9:45	301500	26.086	16.932	59.458	4164.138	4922.762	2.664	3.347	240.146	1.001	14.715
2/11/2018 10:00	302400	26.087	16.932	59.461	4163.949	4922.53	2.664	3.347	240.157	1.001	14.714
2/11/2018 10:15	303300	26.079	16.932	59.441	4164.325	4922.975	2.664	3.348	240.135	1.001	14.715
2/11/2018 10:30	304200	26.084	16.932	59.453	4163.877	4922.445	2.664	3.347	240.161	1.001	14.712
2/11/2018 10:45	305100	26.082	16.933	59.448	4163.857	4922.313	2.664	3.347	240.162	1.001	14.717
2/11/2018 11:00	306000	26.081	16.931	59.446	4163.586	4922.179	2.664	3.347	240.178	1.001	14.719
2/11/2018 11:15	306900	26.074	16.932	59.43	4163.3	4921.771	2.664	3.347	240.194	1.001	14.72
2/11/2018 11:30	307800	26.083	16.932	59.452	4163.436	4921.893	2.664	3.347	240.186	1.001	14.709
2/11/2018 11:45	308700	26.082	16.932	59.45	4163.965	4922.549	2.664	3.347	240.156	1.001	14.71
2/11/2018 12:00	309600	26.078	16.932	59.441	4163.643	4922.118	2.664	3.347	240.174	1.001	14.711
2/11/2018 12:15	310500	26.081	16.932	59.446	4163.726	4922.255	2.664	3.347	240.17	1.001	14.704
2/11/2018 12:30	311400	26.084	16.932	59.453	4163.366	4921.84	2.664	3.347	240.19	1.001	14.7
2/11/2018 12:45	312300	26.086	16.932	59.458	4162.813	4921.127	2.663	3.346	240.222	1.001	14.695
2/11/2018 13:00	313200	26.079	16.931	59.441	4162.068	4920.394	2.663	3.346	240.265	1.001	14.702
2/11/2018 13:15	314100	26.074	16.932	59.43	4163.36	4921.823	2.664	3.347	240.191	1.001	14.695
2/11/2018 13:30	315000	26.086	16.931	59.458	4163.414	4921.926	2.664	3.347	240.188	1.001	14.687
2/11/2018 13:45	315900	26.091	16.931	59.468	4164.054	4922.702	2.664	3.347	240.151	1.001	14.674
2/11/2018 14:00	316800	26.095	16.932	59.479	4163.849	4922.4	2.664	3.347	240.162	1.001	14.685
2/11/2018 14:15	317700	26.084	16.931	59.453	4164.534	4923.28	2.664	3.348	240.123	1.001	14.685
2/11/2018 14:30	318600	26.094	16.931	59.475	4164.475	4923.288	2.664	3.348	240.126	1.001	14.658
2/11/2018 14:45	319500	26.094	16.931	59.475	4164.587	4923.39	2.664	3.348	240.12	1.001	14.656
2/11/2018 15:00	320400	26.097	16.931	59.483	4165.802	4924.819	2.665	3.349	240.05	1.001	14.665
2/11/2018 15:15	321300	26.083	16.931	59.452	4166.542	4925.693	2.666	3.349	240.007	1.001	14.669
2/11/2018 15:30	322200	26.086	16.932	59.457	4169.695	4929.342	2.668	3.352	239.826	1.001	14.672
2/11/2018 15:45	323100	26.081	16.931	59.463	4168.008	4927.363	2.667	3.351	239.923	1.001	14.671
2/11/2018 16:00	324000	26.087	16.931	59.461	4168.871	4928.396	2.667	3.351	239.873	1.001	14.663
2/11/2018 16:15	324900	26.092	16.931	59.471	4169.152	4928.72	2.668	3.352	239.857	1.001	14.666
2/11/2018 16:30	325800	26.08	16.931	59.445	4167.367	4926.599	2.666	3.35	239.96	1.001	14.674
2/11/2018 16:45	326700	26.085	16.931	59.455	4166.761	4925.913	2.666	3.35	239.995	1.001	14.671
2/11/2018 17:00	327600	26.081	16.931	59.448	4166.172	4925.237	2.666	3.349	240.028	1.001	14.669
2/11/2018 17:15	328500	26.082	16.931	59.45	4165.49	4924.385	2.665	3.349	240.068	1.001	14.67
2/11/2018 17:30	329400	26.083	16.932	59.452	4164.358	4923.034	2.664	3.348	240.133	1.001	14.666
2/11/2018 17:45	330300	26.086	16.931	59.459	4163.976	4922.64	2.664	3.347	240.155	1.001	14.667
2/11/2018 18:00	331200	26.082	16.931	59.448	4163.841	4922.461	2.664	3.347	240.163	1.001	14.671
2/11/2018 18:15	332100	26.088	16.932	59.463	4162.725	4921.043	2.663	3.346	240.227	1.001	14.667
2/11/2018 18:30	333000	26.085	16.932	59.455	4162.045	4920.299	2.663	3.346	240.266	1.001	14.67
2/11/2018 18:45	333900	26.089	16.932	59.464	4161.76	4920.951	2.663	3.346	240.283	1.001	14.669
2/11/2018 19:00	334800	26.072	16.932	59.426	4161.153	4919.214	2.662	3.345	240.318	1.001	14.671
2/11/2018 19:15	335700	26.08	16.932	59.444	4160.244	4918.139	2.661	3.344	240.371	1.001	14.671
2/11/2018 19:30	336600	26.075	16.931	59.433	4160.437	4918.465	2.662	3.345	240.359	1.001	14.676
2/11/2018 19:45	337500	26.075	16.931	59.434	4160.353	4918.346	2.662	3.344	240.364	1.001	14.672
2/11/2018 20:00	338400	26.088	16.931	59.463	4159.541	4917.357	2.661	3.344</			

2/13/2018 3:45	452700	26.073	16.935	59.429	4165.055	4923.515	2.665	3.348	240.093	1.001	14.742
2/13/2018 4:00	453600	26.074	16.934	59.431	4164.592	4923.046	2.664	3.348	240.12	1.001	14.744
2/13/2018 4:15	454500	26.081	16.934	59.447	4165.117	4923.618	2.665	3.348	240.089	1.001	14.742
2/13/2018 4:30	455400	26.081	16.934	59.447	4164.872	4923.328	2.664	3.348	240.103	1.001	14.739
2/13/2018 4:45	456300	26.077	16.934	59.437	4164.638	4923.061	2.664	3.348	240.117	1.001	14.754
2/13/2018 5:00	457200	26.067	16.934	59.416	4164.097	4922.432	2.664	3.347	240.148	1.001	14.759
2/13/2018 5:15	458100	26.069	16.934	59.42	4163.198	4921.35	2.663	3.347	240.2	1.001	14.761
2/13/2018 5:30	459000	26.072	16.934	59.425	4163.52	4921.72	2.664	3.347	240.181	1.001	14.761
2/13/2018 5:45	459900	26.068	16.934	59.417	4164.838	4923.288	2.664	3.348	240.105	1.001	14.764
2/13/2018 6:00	460800	26.076	16.935	59.434	4165.067	4923.47	2.665	3.348	240.092	1.001	14.764
2/13/2018 6:15	461700	26.065	16.935	59.411	4164.556	4922.906	2.664	3.348	240.122	1.001	14.772
2/13/2018 6:30	462600	26.068	16.935	59.417	4163.605	4921.811	2.664	3.347	240.176	1.001	14.774
2/13/2018 6:45	463500	26.066	16.935	59.412	4164.102	4922.31	2.664	3.347	240.148	1.001	14.779
2/13/2018 7:00	464400	26.071	16.935	59.423	4163.549	4921.686	2.664	3.347	240.18	1.001	14.779
2/13/2018 7:15	465300	26.078	16.935	59.441	4163.422	4921.525	2.663	3.347	240.187	1.001	14.782
2/13/2018 7:30	466200	26.062	16.934	59.404	4163.012	4921.12	2.663	3.346	240.211	1.001	14.786
2/13/2018 7:45	467100	26.059	16.935	59.396	4164.281	4922.522	2.664	3.347	240.138	1.001	14.793
2/13/2018 8:00	468000	26.061	16.935	59.402	4164.841	4923.232	2.664	3.348	240.105	1.001	14.791
2/13/2018 8:15	468900	26.067	16.935	59.414	4164.184	4922.475	2.664	3.347	240.143	1.001	14.794
2/13/2018 8:30	469800	26.063	16.935	59.407	4165.624	4924.119	2.665	3.348	240.06	1.001	14.8
2/13/2018 8:45	470700	26.075	16.935	59.433	4165	4923.431	2.665	3.348	240.096	1.001	14.799
2/13/2018 9:00	471600	26.065	16.935	59.409	4164.908	4923.263	2.664	3.348	240.101	1.001	14.801
2/13/2018 9:15	472500	26.067	16.935	59.415	4164.26	4922.537	2.664	3.347	240.139	1.001	14.804
2/13/2018 9:30	473400	26.062	16.935	59.404	4163.18	4921.24	2.663	3.346	240.201	1.001	14.805
2/13/2018 9:45	474300	26.071	16.935	59.424	4163.022	4921.083	2.663	3.346	240.21	1.001	14.798
2/13/2018 10:00	475200	26.076	16.935	59.435	4162.799	4920.799	2.663	3.346	240.223	1.001	14.804
2/13/2018 10:15	476100	26.065	16.936	59.411	4162.349	4920.208	2.663	3.346	240.249	1.001	14.807
2/13/2018 10:30	477000	26.078	16.936	59.441	4163.017	4920.989	2.663	3.346	240.21	1.001	14.804
2/13/2018 10:45	477900	26.06	16.935	59.399	4163.399	4921.49	2.663	3.347	240.188	1.001	14.808
2/13/2018 11:00	478800	26.069	16.935	59.419	4163.549	4921.717	2.664	3.347	240.18	1.001	14.803
2/13/2018 11:15	479700	26.069	16.935	59.406	4163.534	4921.658	2.664	3.347	240.181	1.001	14.804
2/13/2018 11:30	480600	26.072	16.935	59.427	4163.664	4921.841	2.664	3.347	240.173	1.001	14.799
2/13/2018 11:45	481500	26.068	16.935	59.416	4164.285	4922.576	2.664	3.347	240.137	1.001	14.803
2/13/2018 12:00	482400	26.071	16.936	59.425	4165.909	4924.417	2.665	3.349	240.044	1.001	14.795
2/13/2018 12:15	483300	26.071	16.935	59.423	4165.577	4924.103	2.665	3.348	240.063	1.001	14.797
2/13/2018 12:30	484200	26.064	16.935	59.409	4166.275	4924.88	2.665	3.349	240.023	1.001	14.796
2/13/2018 12:45	485100	26.072	16.935	59.426	4165.297	4925.297	2.666	3.349	240.007	1.001	14.789
2/13/2018 13:00	486000	26.07	16.935	59.422	4167.394	4926.25	2.666	3.35	239.958	1.001	14.79
2/13/2018 13:15	486900	26.071	16.935	59.425	4168.003	4926.932	2.667	3.35	239.923	1.001	14.786
2/13/2018 13:30	487800	26.065	16.935	59.411	4168.124	4927.055	2.667	3.35	239.916	1.001	14.79
2/13/2018 13:45	488700	26.074	16.935	59.431	4169.249	4928.473	2.667	3.351	239.851	1.001	14.785
2/13/2018 14:00	489600	26.073	16.936	59.427	4170.066	4929.332	2.668	3.352	239.804	1.001	14.782
2/13/2018 14:15	490500	26.068	16.935	59.417	4170.964	4930.417	2.668	3.353	239.753	1.001	14.783
2/13/2018 14:30	491400	26.079	16.935	59.442	4170.64	4930.08	2.668	3.352	239.771	1.001	14.776
2/13/2018 14:45	492300	26.067	16.935	59.415	4171.23	4930.815	2.669	3.353	239.737	1.001	14.784
2/13/2018 15:00	493200	26.063	16.936	59.405	4172.391	4932.031	2.669	3.354	239.671	1.001	14.784
2/13/2018 15:15	494100	26.069	16.935	59.419	4173.374	4933.271	2.67	3.355	239.614	1.001	14.785
2/13/2018 15:30	495000	26.068	16.934	59.416	4173.231	4933.209	2.67	3.355	239.622	1.001	14.788
2/13/2018 15:45	495900	26.066	16.935	59.413	4172.12	4931.788	2.669	3.354	239.669	1.001	14.79
2/13/2018 16:00	496800	26.067	16.935	59.415	4173.185	4933.065	2.67	3.354	239.625	1.001	14.789
2/13/2018 16:15	497700	26.061	16.935	59.401	4172.569	4932.338	2.67	3.354	239.661	1.001	14.793
2/13/2018 16:30	498600	26.075	16.935	59.434	4172.747	4932.608	2.67	3.354	239.65	1.001	14.79
2/13/2018 16:45	499500	26.064	16.934	59.409	4171.449	4931.093	2.669	3.353	239.725	1.001	14.794
2/13/2018 17:00	500400	26.074	16.935	59.43	4171.455	4931.012	2.669	3.353	239.725	1.001	14.792
2/13/2018 17:15	501300	26.064	16.935	59.409	4168.998	4928.108	2.667	3.351	239.866	1.001	14.797
2/13/2018 17:30	502200	26.065	16.935	59.41	4168.251	4927.244	2.667	3.351	239.909	1.001	14.795
2/13/2018 17:45	503100	26.069	16.935	59.42	4169.324	4928.512	2.667	3.351	239.847	1.001	14.797
2/13/2018 18:00	504000	26.06	16.935	59.399	4170.471	4929.857	2.668	3.352	239.781	1.001	14.803
2/13/2018 18:15	504900	26.07	16.935	59.421	4170.739	4930.146	2.668	3.352	239.766	1.001	14.795
2/13/2018 18:30	505800	26.062	16.935	59.403	4170.631	4930.018	2.668	3.352	239.772	1.001	14.801
2/13/2018 18:45	506700	26.072	16.935	59.427	4170.492	4929.905	2.668	3.352	239.79	1.001	14.795
2/13/2018 19:00	507600	26.069	16.935	59.42	4169.498	4928.742	2.668	3.352	239.862	1.001	14.802
2/13/2018 19:15	508500	26.062	16.936	59.403	4168.617	4927.628	2.667	3.351	239.888	1.001	14.806
2/13/2018 19:30	509400	26.061	16.935	59.401	4168.381	4927.387	2.667	3.351	239.901	1.001	14.806
2/13/2018 19:45	510300	26.069	16.936	59.419	4168.529	4927.475	2.667	3.351	239.893	1.001	14.809
2/13/2018 20:00	511200	26.064	16.935	59.407	4168.233	4927.212	2.667	3.351	239.91	1.001	14.811
2/13/2018 20:15	512100	26.066	16.935	59.412	4168.386	4927.415	2.667	3.351	239.901	1.001	14.81
2/13/2018 20:30	513000	26.065	16.935	59.396	4168.569	4927.596	2.667	3.351	239.89	1.001	14.813
2/13/2018 20:45	513900	26.066	16.935	59.412	4168.159	4927.116	2.667	3.35	239.914	1.001	14.813
2/13/2018 21:00	514800	26.069	16.936	59.42	4168.392	4927.362	2.667	3.351	239.901	1.001	14.811
2/13/2018 21:15	515700	26.072	16.935	59.425	4168.348	4927.329	2.667	3.351	239.903	1.001	14.816
2/13/2018 21:30	516600	26.061	16.935	59.402	4168.388	4927.396	2.667	3.351	239.901	1.001	14.816
2/13/2018 21:45	517500	26.066	16.936	59.413	4167.646	4926.452	2.666	3.35	239.944	1.001	14.82
2/13/2018 22:00	518400	26.066	16.935	59.411	4167.863	4926.267	2.666	3.35	239.931	1.001	14.819
2/13/2018 22:15	519300	26.061	16.935	59.401	4168.281	4927.24	2.667	3.351	239.907	1.001	14.819
2/13/2018 22:30	520200	26.066	16.936	59.411	4167.971	4926.855	2.667	3.35	239.925	1.001	14.818
2/13/2018 22:45	521100	26.062	16.935	59.403	4167.768	4926.653	2.666	3.35	239.937	1.001	14.825
2/13/2018 23:00	522000	26.067	16.936	59.414	4168.506	4927.497	2.667	3.351	239.894	1.001	14.822
2/13/2018 23:15	522900	26.063	16.935	59.406	4168.305	4927.347	2.667	3.351	239.906	1.001	14.826
2/13/2018 23:30	523800	26.062	16.935	59.403	4168.018	4926.901	2.667	3.35	239.922	1.001	14.828
2/13/2018 23:45	524700	26.072	16.936	59.426	4167.498	4926.247	2.666	3.35	239.952	1.001	14.82
2/14/2018 0:00	525600	26.06	16.936	59.399	4167.938	4926.807	2.666	3.35	239.927	1.001	14.824
2/14/2018 0:15	526500	26.069	16.936	59.42	4167.427	4926.164	2.666	3.35	239.956	1.001	14.821
2/14/2018 0:30	527400	26.065	16.936	59.411	4166.909	4925.54	2.666	3.349	239.986	1.001	14.818
2/14/2018 0:45	528300	26.072	16.936	59.427	4167.417	4926.199	2.666	3.35			

Report Date: 2/16/2018 10:44
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_2018-02-15_15-51-10-198.wsl
Create Date: 2/15/2018 15:50

Device Properties
Device: Aqua TROLL 200
Site: MPWSP TSW Trans 2
Device Name:
Serial Number: 410757
Firmware Version: 2.01
Hardware Version: 3
Device Address: 1
Device Comm Cfg: 19200 8 Even 1 (Modbus-RTU)
Used Memory: 0
Used Battery: 39

Log Configuration
Log Name: MPWSP TSW Trans 2
Created By: WMassoll
Computer Name: TABLET001
Application: WinSitu.exe
Application Version: 5.6.27.1
Create Date: 2/2/2018 5:50:47 PM Pacific Standard Time
Log Setup Time Zone: Pacific Standard Time
Notes Size(bytes): 4096
Overwrite when full: Enabled
Scheduled Start Time: 2/2/2018 6:30:00 PM Pacific Standard Time
Scheduled Stop Time: No Stop Time
Type: Linear
Interval: Days: 0 hrs: 00 mins: 15 secs: 00

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

Other Log Settings
Depth of Probe: 3.06148 (ft)
Head Pressure: 1.35909 (PSI)
Temperature: 17.1617 (C)
Specific Conductivity Model: Standard Methods
Reference Temperature: 25
Temperature Coefficient: 0.0191
TDS Factor: 0.68

Log Notes:
Date and Time: Note
2/2/2018 17:50 Sensor SN: 410757 Factory calibration has expired.: 11/16/2017 10:14:35 AM
2/2/2018 17:50 Used Battery: 39% Used Memory: 3% User Name: WMassoll
2/8/2018 13:25 Log Download - Used Battery: 39% Used Memory: 3% User Name: AVanHaitsma Interval - Start Time: 2/2/2018 6:30:00 PM Stop Time: 2/8/2018 2:15:00 PM
2/8/2018 13:26 Log Download - Used Battery: 39% Used Memory: 3% User Name: AVanHaitsma Interval - Start Time: 1/31/2018 10:00:00 PM Stop Time: 2/8/2018 1:15:00 PM
2/15/2018 15:49 Log Download - Used Battery: 39% Used Memory: 3% User Name: AVanHaitsma Interval - Start Time: 2/7/2018 10:00:00 PM Stop Time: 2/15/2018 4:45:00 PM

Log Data:
Record Count: 744

Sensors: 1
1 410757 PCTD 100 PSIG (70m/231ft)

Time Zone: Pacific Standard 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#: 410757 Pressure (PSI)	SN#: 410757 Temperature (C)	SN#: 410757 Depth (ft)	SN#: 410757 Actual Conductivity (µS/cm)	SN#: 410757 Specific Conductivity (µS/cm)	SN#: 410757 Salinity (PSU)	SN#: 410757 Total Dissolved Solids (ppt)	SN#: 410757 Resistivity (ohm-cm)	SN#: 410757 Water Density (g/cm3)	
2/8/2018 0:00		7200	10.472	15.074	23.589	30566.635	37717.344	23.975	25.648	32.715	1.017
2/8/2018 0:15		8100	10.528	15.077	23.715	30066.027	37096.777	23.541	25.226	33.26	1.017
2/8/2018 0:30		9000	10.534	15.072	23.729	29715.287	36668.512	23.241	24.935	33.653	1.017
2/8/2018 0:45		9900	10.605	15.082	23.889	29316.203	36167.641	22.892	24.594	34.111	1.017
2/8/2018 1:00		10800	10.626	15.081	23.936	28781.521	35508.66	22.433	24.146	34.745	1.016
2/8/2018 1:15		11700	10.577	15.082	23.826	33115.594	40854.719	26.188	27.781	30.197	1.019
2/8/2018 1:30		12600	10.65	15.083	23.991	32653.764	40284.461	25.784	27.393	30.624	1.019
2/8/2018 1:45		13500	10.554	15.077	23.774	31560.33	38941.164	24.835	26.48	31.685	1.018
2/8/2018 2:00		14400	10.582	15.081	23.838	31931.51	39395.465	25.156	26.789	31.317	1.018
2/8/2018 2:15		15300	10.655	15.087	24.001	31389.178	38720.832	24.681	26.33	31.858	1.018
2/8/2018 2:30		16200	10.635	15.083	23.956	31459.121	38810.328	24.744	26.391	31.787	1.018
2/8/2018 2:45		17100	10.6	15.082	23.877	29560.688	36469.488	23.103	24.799	33.829	1.017
2/8/2018 3:00		18000	10.638	15.088	23.963	29032.389	35812.285	22.645	24.352	34.444	1.016
2/8/2018 3:15		18900	10.69	15.088	24.08	32832.68	40500.484	25.937	27.54	30.457	1.019
2/8/2018 3:30		19800	10.706	15.084	24.116	32684.639	40320.965	25.81	27.418	30.595	1.019
2/8/2018 3:45		20700	10.66	15.088	24.012	32423.461	39995.273	25.58	27.197	30.842	1.019
2/8/2018 4:00		21600	10.703	15.086	24.11	31271.658	38576.332	24.579	26.232	31.978	1.018
2/8/2018 4:15		22500	10.68	15.085	24.058	31704.459	39111.125	24.956	26.596	31.541	1.018
2/8/2018 4:30		23400	10.741	15.091	24.194	31146.178	38416.68	24.467	26.123	32.107	1.018
2/8/2018 4:45		24300	10.762	15.096	24.241	30175.395	37215.281	23.625	25.306	33.14	1.017
2/8/2018 5:00		25200	10.72	15.092	24.148	29968.092	36962.988	23.448	25.135	33.369	1.017
2/8/2018 5:15		26100	10.721	15.091	24.15	29001.42	35771.719	22.617	24.325	34.481	1.016
2/8/2018 5:30		27000	10.783	15.092	24.29	28537.396	35198.352	22.218	23.935	35.042	1.016
2/8/2018 5:45		27900	10.718	15.088	24.143	32912.031	40598.199	26.006	27.607	30.384	1.019
2/8/2018 6:00		28800	10.768	15.09	24.256	32692.232	40325.395	25.813	27.421	30.588	1.019
2/8/2018 6:15		29700	10.798	15.091	24.324	32156.793	39663.621	25.346	26.971	31.098	1.019
2/8/2018 6:30		30600	10.769	15.092	24.258	31495.76	38847.621	24.77	26.416	31.75	1.018
2/8/2018 6:45		31500	10.762	15.089	24.241	31452.385	38796.145	24.734	26.381	31.794	1.018
2/8/2018 7:00		32400	10.723	15.086	24.155	31689.023	39091.273	24.942	26.582	31.557	1.018
2/8/2018 7:15		33300	10.707	15.088	24.119	30805.365	37999.305	24.174	25.84	32.462	1.018
2/8/2018 7:30		34200	10.691	15.087	24.083	30664.939	37827.352	24.053	25.723	32.611	1.018
2/8/2018 7:45		35100	10.766	15.089	24.251	29153.432	35960.633	22.748	24.453	34.301	1.017
2/8/2018 8:00		36000	10.697	15.088	24.095	28367.277	34991.781	22.074	23.794	35.252	1.016
2/8/2018 8:15		36900	10.766	15.088	24.251	32448.455	40025.777	25.601	27.218	30.818	1.019
2/8/2018 8:30		37800	10.749	15.087	24.214	31330.283	38647.375	24.629	26.28	31.918	1.018
2/8/2018 8:45		38700	10.721	15.089	24.149	32178.355	39691.621	25.365	26.99	31.077	1.019
2/8/2018 9:00		39600	10.83	15.09	24.397	31140.793	38411.074	24.463	26.12	32.112	1.018
2/8/2018 9:15		40500	10.942	15.092	24.649	32379.75	39937.219	25.539	27.157	30.883	1.019
2/8/2018 9:30		41400	10.925	15.092	24.61	31854.236	39289.543	25.082	26.717	31.393	1.018
2/8/2018 9:45		42300	10.879	15.088	24.505	31490.584	38844.305	24.768	26.414	31.756	1.018
2/8/2018 10:00		43200	10.818	15.091	24.368	31125.605	38391.871	24.45	26.106	32.128	1.018
2/8/2018 10:15		44100	10.797	15.088	24.322	32332.756	39883.063	25.501	27.12	30.928	1.019
2/8/2018 10:30		45000	10.796	15.086	24.318	31728.287	39139.543	24.976	26.615	31.518	1.018
2/8/2018 10:45		45900	10.689	15.084	24.078	30465.803	37583.809	23.882	25.557	32.824	1.017
2/8/2018 11:00		46800	10.577	15.081	23.826	33598.578	41451.266	26.611	28.187	29.763	1.02
2/8/2018 11:15		47700	10.546	15.081	23.757	32710.244	40355.816	25.834	27.442	30.571	1.019
2/8/2018 11:30		48600	10.595	15.078	23.866	31720.402	39137.281	24.974	26.613	31.525	1.018
2/8/2018 11:45		49500	10.547	15.079	23.758	31861.904	39311.063	25.096	26.732	31.385	1.018
2/8/2018 12:00		50400	10.573	15.078	23.818	30491.924	37621.637	23.908	25.583	32.796	1.017
2/8/2018 12:15		51300	10.517	15.075	23.691	30241.08	37314.391	23.693	25.374	33.068	1.017
2/8/2018 12:30		52200	10.532	15.079	23.724	28853.109	35598.684	22.496	24.207	34.658	1.016
2/8/2018 12:45		53100	10.53	15.073	23.72	32204.199	39738.5	25.398	27.022	31.052	1.019
2/8/2018 13:00		54000	10.574	15.078	23.819	31383.969	38722.266	24.681	26.331	31.863	1.018
2/8/2018 13:15		54900	10.563	15.076	23.794	31940.867	39411.355	25.167	26.8	31.308	1.018
2/8/2018 13:30		55800	10.487	15.077	23.622	30376.623	37480.16	23.809	25.487	32.92	1.017
2/8/2018 13:45		56700	10.467	15.072	23.579	30169.453	37229.41	23.633	25.316	33.146	1.017
2/8/2018 14:00		57600	10.55	15.074	23.765	31666.023	39074.34	24.929	26.571	31.58	1.018
2/8/2018 14:15		58500	10.533	15.081	23.727	31578.396	38959.73	24.849	26.493	31.667	1.018
2/8/2018 14:30		59400	10.523	15.075	23.705	31615.08	39009.926	24.884	26.527	31.63	1.018
2/8/2018 14:45		60300	10.482	15.074	23.612	31004.396	38257.199	24.354	26.015	32.253	1.018
2/8/2018 15:00		61200	10.455	15.073	23.551	31795.545	39234.965	25.042	26.68	31.451	1.018
2/8/2018 15:15		62100	10.527	15.071	23.713	29678.768	36624.281	23.21	24.905	33.694	1.017
2/8/2018 15:30		63000	10.473	15.078	23.592	32900.938	40594.277	26.003	27.604	30.394	1.019
2/8/2018 15:45		63900	10.515	15.069	23.685	31691.854	39110.09	24.954	26.595	31.554	1.018
2/8/2018 16:00		64800	10.442	15.074	23.521	32213.531	39749.602	25.405	27.03	31.043	1.019
2/8/2018 16:15		65700	10.499	15.074	23.649	31801.031	39240.352	25.046	26.683	31.446	1.018
2/8/2018 16:30		66600	10.469	15.077	23.582	32646.764	40281.336	25.782	27.391	30.631	1.019
2/8/2018 16:45		67500	10.55	15.077	23.764	30256.816	37332.41	23.706	25.386	33.05	1.017
2/8/2018 17:00		68400	10.468	15.075	23.581	29854.904	36837.824	23.36	25.05	33.495	1.017
2/8/2018 17:15		69300	10.554	15.075	23.773	31615.654	39010.633	24.884	26.527	31.63	1.018
2/8/2018 17:30		70200	10.562	15.076	23.791	32019.381	39508.055	25.235	26.865	31.231	1.018
2/8/2018 17:45		71100	10.517	15.078	23.691	32727.865	40380.309	25.852	27.459	30.555	1.019
2/8/2018 18:00											

2/9/2018 1:00	97200	10.412	15.077	23.454	31752.395	39177.328	25.002	26.641	31.494	1.018
2/9/2018 1:15	98100	10.52	15.083	23.697	30721.842	37900.602	24.104	25.772	32.55	1.018
2/9/2018 1:30	99000	10.498	15.08	23.648	30701.295	37878.477	24.089	25.757	32.572	1.018
2/9/2018 1:45	99900	10.482	15.084	23.612	30007.93	37019.637	23.487	25.173	33.325	1.017
2/9/2018 2:00	100800	10.387	15.077	23.399	32853.445	40535.848	25.962	27.564	30.438	1.019
2/9/2018 2:15	101700	10.448	15.085	23.536	32116.455	39619.875	25.314	26.942	31.137	1.019
2/9/2018 2:30	102600	10.538	15.083	23.737	31777.42	39202.758	25.02	26.658	31.469	1.018
2/9/2018 2:45	103500	10.489	15.085	23.627	31939.842	39401.742	25.161	26.793	31.309	1.018
2/9/2018 3:00	104400	10.515	15.089	23.686	30751.043	37931.121	24.126	25.793	32.519	1.018
2/9/2018 3:15	105300	10.548	15.089	23.76	31255.969	38554.27	24.564	26.217	31.994	1.018
2/9/2018 3:30	106200	10.552	15.09	23.77	30825.822	38022.816	24.19	25.856	32.44	1.018
2/9/2018 3:45	107100	10.523	15.095	23.704	30076.906	37094.586	23.54	25.224	33.248	1.017
2/9/2018 4:00	108000	10.554	15.095	23.774	32950.828	40639.563	26.036	27.635	30.348	1.019
2/9/2018 4:15	108900	10.602	15.093	23.881	32123.018	39619.75	25.315	26.941	31.13	1.019
2/9/2018 4:30	109800	10.574	15.094	23.818	32374.914	39930.254	25.534	27.153	30.888	1.019
2/9/2018 4:45	110700	10.598	15.093	23.872	32326.016	39870.863	25.492	27.112	30.935	1.019
2/9/2018 5:00	111600	10.615	15.093	23.911	31589.979	38963.035	24.852	26.495	31.656	1.018
2/9/2018 5:15	112500	10.603	15.09	23.884	31405.137	38737.223	24.693	26.341	31.842	1.018
2/9/2018 5:30	113400	10.613	15.094	23.907	30902.059	38113.445	24.254	25.917	32.36	1.018
2/9/2018 5:45	114300	10.723	15.097	24.154	30562.67	37692.121	23.959	25.631	32.72	1.017
2/9/2018 6:00	115200	10.693	15.09	24.088	30589.727	37731.836	23.986	25.658	32.691	1.017
2/9/2018 6:15	116100	10.686	15.096	24.071	30615.771	37758.242	24.005	25.676	32.663	1.017
2/9/2018 6:30	117000	10.744	15.099	24.202	30798.064	37980.855	24.161	25.827	32.47	1.018
2/9/2018 6:45	117900	10.725	15.094	24.159	32999.637	40700.688	26.079	27.676	30.303	1.019
2/9/2018 7:00	118800	10.631	15.091	23.947	32482.074	40064.676	25.629	27.244	30.786	1.019
2/9/2018 7:15	119700	10.677	15.097	24.051	32050.996	39527.391	25.25	26.879	31.2	1.018
2/9/2018 7:30	120600	10.686	15.092	24.071	32433.178	40003.539	25.586	27.202	30.833	1.019
2/9/2018 7:45	121500	10.623	15.093	23.93	32042.43	39520.355	25.245	26.874	31.209	1.018
2/9/2018 8:00	122400	10.645	15.089	23.979	32340.332	39892	25.507	27.127	30.921	1.019
2/9/2018 8:15	123300	10.654	15.09	23.999	31796.598	39220.641	25.033	26.67	31.45	1.018
2/9/2018 8:30	124200	10.621	15.091	23.924	31643.689	39030.816	24.899	26.541	31.602	1.018
2/9/2018 8:45	125100	10.773	15.098	24.268	30979.787	38205.594	24.319	25.98	32.279	1.018
2/9/2018 9:00	126000	10.843	15.094	24.425	33332.508	41110.48	26.37	27.955	30.001	1.019
2/9/2018 9:15	126900	10.809	15.098	24.349	32865.961	40531.957	25.96	27.562	30.427	1.019
2/9/2018 9:30	127800	10.847	15.099	24.435	32585.713	40185.086	25.715	27.326	30.688	1.019
2/9/2018 9:45	128700	10.811	15.097	24.353	32289.166	39821.699	25.458	27.079	30.97	1.019
2/9/2018 10:00	129600	10.747	15.094	24.209	32752.369	40395.051	25.863	27.469	30.532	1.019
2/9/2018 10:15	130500	10.705	15.094	24.114	32176.002	39684.922	25.361	26.986	31.079	1.019
2/9/2018 10:30	131400	10.651	15.092	23.993	32257.754	39786.996	25.433	27.055	31	1.019
2/9/2018 10:45	132300	10.588	15.083	23.85	31469.77	38823.617	26.4	27.753	31.777	1.018
2/9/2018 11:00	133200	10.617	15.087	23.915	31497.947	38855.008	24.775	26.421	31.748	1.018
2/9/2018 11:15	134100	10.502	15.084	23.658	33047.414	40768.496	26.127	27.723	30.26	1.019
2/9/2018 11:30	135000	10.496	15.079	23.644	32395.354	39969.313	25.561	27.179	30.869	1.019
2/9/2018 11:45	135900	10.484	15.076	23.616	32998.266	40715.879	26.089	27.687	30.305	1.019
2/9/2018 12:00	136800	10.506	15.077	23.665	32198.459	39728.367	25.391	27.015	31.057	1.019
2/9/2018 12:15	137700	10.484	15.073	23.615	30909.918	38141.418	24.733	25.936	32.352	1.018
2/9/2018 12:30	138600	10.383	15.075	23.388	30495.111	37628.379	23.913	25.587	32.792	1.017
2/9/2018 12:45	139500	10.402	15.077	23.431	33161.633	40916.867	26.232	27.823	30.155	1.019
2/9/2018 13:00	140400	10.429	15.074	23.491	32452.053	40044.082	25.614	27.23	30.815	1.019
2/9/2018 13:15	141300	10.372	15.073	23.364	32582.031	40205.137	25.727	27.339	30.692	1.019
2/9/2018 13:30	142200	10.427	15.071	23.489	32226.111	39768.246	25.418	27.042	31.031	1.019
2/9/2018 13:45	143100	10.429	15.077	23.491	31610.713	39003.094	24.879	26.522	31.635	1.018
2/9/2018 14:00	144000	10.407	15.072	23.443	30479.402	37611.344	23.901	25.576	32.809	1.017
2/9/2018 14:15	144900	10.438	15.071	23.513	32182.395	42182.375	27.131	28.684	29.255	1.02
2/9/2018 14:30	145800	10.376	15.072	23.373	32878.191	40571.938	25.987	27.589	30.415	1.019
2/9/2018 14:45	146700	10.354	15.068	23.322	32389.143	39972.008	25.562	27.181	30.875	1.019
2/9/2018 15:00	147600	10.322	15.073	23.252	32138.123	39657.777	25.341	26.967	31.116	1.019
2/9/2018 15:15	148500	10.331	15.07	23.272	30859.504	38082.199	24.231	25.896	32.405	1.018
2/9/2018 15:30	149400	10.393	15.069	23.412	32918.133	40623.332	26.023	27.624	30.378	1.019
2/9/2018 15:45	150300	10.364	15.065	23.345	32431.018	40026.516	25.601	27.218	30.835	1.019
2/9/2018 16:00	151200	10.31	15.067	23.225	32046.334	39549.363	25.264	26.894	31.205	1.018
2/9/2018 16:15	152100	10.377	15.074	23.375	32142.258	39661.809	25.343	26.97	31.112	1.019
2/9/2018 16:30	153000	10.385	15.074	23.393	31483.893	38849.27	24.771	26.418	31.762	1.018
2/9/2018 16:45	153900	10.449	15.071	23.538	30837.957	38054.426	24.212	25.877	32.428	1.018
2/9/2018 17:00	154800	10.378	15.072	23.377	33029.785	40758.238	26.119	27.716	30.276	1.019
2/9/2018 17:15	155700	10.359	15.075	23.335	33129.578	40879.008	26.205	27.798	30.185	1.019
2/9/2018 17:30	156600	10.4	15.073	23.426	32715.162	40369.082	25.843	27.451	30.567	1.019
2/9/2018 17:45	157500	10.437	15.079	23.511	33220.852	40988.063	26.282	27.872	30.102	1.019
2/9/2018 18:00	158400	10.455	15.077	23.551	31258.482	38568.492	24.573	26.227	31.991	1.018
2/9/2018 18:15	159300	10.433	15.074	23.501	31741.736	39167.109	24.994	26.634	31.504	1.018
2/9/2018 18:30	160200	10.472	15.076	23.589	32918.266	40617.352	26.019	27.62	30.378	1.019
2/9/2018 18:45	161100	10.406	15.076	23.441	32742.289	40400.125	25.866	27.472	30.542	1.019
2/9/2018 19:00	162000	10.433	15.079	23.501	32715.006	40363.273	25.84	27.447	30.567	1.019
2/9/2018 19:15	162900	10.463	15.077	23.569	32560.4	40174.277	25.706	27.319	30.712	1.019
2/9/2018 19:30	163800	10.437	15.083	23.51	31066.512	38325.895	24.403	26.062	32.189	1.018
2/9/2018 19:45	164700	10.411	15.078	23.451	31322.791	38646.465	24.628	26.28	31.926	1.018
2/9/2018 20:00	165600	10.401	15.081	23.428	33533.047	41371.191	26.554	28.132	29.821	1.019
2/9/2018 20:15	166500	10.425	15.078	23.484	32863.402	40547.207	25.97	27.572	30.429	1.019
2/9/2018 20:30	167400	10.453	15.083	23.545	32925.008	40618.422	26.021	27.621	30.372	1.019
2/9/2018 20:45	168300	10.379	15.082	23.38	32786.613	40449.445	25.901	27.506	30.5	1.019
2/9/2018 21:00	169200	10.456	15.084	23.554	32562.207	40170.086	25.703	27.316	30.71	1.019
2/9/2018 21:15	170100	10.442	15.082	23.523	32426.418	40004.816	25.586	27.203	30.839	1.019
2/9/2018 21:30	171000	10.473	15.079	23.592	31727.906	39145.25	24.979	26.619	31.518	1.018
2/9/2018 21:45	171900	10.385	15.082	23.393	33694.621	41568.906	26.695	28.267	29.678	1.02
2/9/2018 22:00	172800	10.416	15.084	23.464	32935.055	40629.805	26.029	27.628	30.363	1.019
2/9/2018 22:15	173700	10.419	15.081	23.471	32851.07	40529.047	25.957	27.56	30.44	1.019
2/9/2018 22:30	174600	10.427	15.08	23.489	32444.625	40029.352	25.603	27.22	30.822	1.019
2/9/2018 22:45	175500	10.4	15.081	23.426	32372.408	39939.016	25.54	27.159	30.891	1.019
2/9/2018 23:00	176400	10.359	15.084	23.335	31987.9	39461.922	25.203	26.834	31.262	1.018
2/9/2018 23:15	177300	10.381	15.08	23.384	33767.48	41661.547	26.761	28.33	29.614	1.02
2/9/2018 23:30	178200	10.355	15.083	23.3						

2/10/2018 21:30	257400	10.375	15.081	23.371	34192.594	42184.113	27.133	28.685	29.246	1.02
2/10/2018 21:45	258300	10.365	15.082	23.348	34154.598	42136.629	27.099	28.653	29.279	1.02
2/10/2018 22:00	259200	10.412	15.083	23.454	34081.926	42046.273	27.035	28.591	29.341	1.02
2/10/2018 22:15	260100	10.297	15.079	23.195	34255.34	42264.07	27.189	28.74	29.193	1.02
2/10/2018 22:30	261000	10.362	15.081	23.341	33585.957	41436.297	26.601	28.177	29.774	1.019
2/10/2018 22:45	261900	10.3	15.08	23.201	32525.578	40128.738	25.674	27.288	30.745	1.019
2/10/2018 23:00	262800	10.319	15.081	23.244	34423.742	42469.906	27.336	28.88	29.05	1.02
2/10/2018 23:15	263700	10.295	15.078	23.192	34029.871	41986.492	26.992	28.551	29.386	1.02
2/10/2018 23:30	264600	10.317	15.08	23.239	34033.18	41989.102	26.994	28.553	29.383	1.02
2/10/2018 23:45	265500	10.319	15.081	23.244	34105.406	42077.336	27.057	28.613	29.321	1.02
2/11/2018 0:00	266400	10.273	15.081	23.141	33304.684	41088.777	26.354	27.94	30.026	1.019
2/11/2018 0:15	267300	10.29	15.075	23.18	32174.396	39699.992	25.37	26.996	31.081	1.019
2/11/2018 0:30	268200	10.282	15.08	23.162	34108.164	42081.434	27.059	28.615	29.318	1.02
2/11/2018 0:45	269100	10.251	15.078	23.091	34257.688	42267.406	27.192	28.742	29.191	1.02
2/11/2018 1:00	270000	10.377	15.083	23.376	34169.828	42154.543	27.112	28.665	29.266	1.02
2/11/2018 1:15	270900	10.317	15.081	23.239	34178.445	42167.445	27.121	28.674	29.258	1.02
2/11/2018 1:30	271800	10.347	15.083	23.308	33511.148	41342.289	26.534	28.113	29.841	1.019
2/11/2018 1:45	272700	10.301	15.08	23.204	31999.029	39479.672	25.215	26.846	31.251	1.018
2/11/2018 2:00	273600	10.295	15.078	23.19	34370.629	42407.457	27.292	28.837	29.095	1.02
2/11/2018 2:15	274500	10.32	15.081	23.247	34356.434	42387.211	27.277	28.823	29.107	1.02
2/11/2018 2:30	275400	10.326	15.079	23.261	34478.414	42539.559	27.386	28.927	29.004	1.02
2/11/2018 2:45	276300	10.329	15.082	23.267	33448.375	41265.793	26.48	28.061	29.897	1.019
2/11/2018 3:00	277200	10.36	15.083	23.338	32868.352	40548.773	25.971	27.573	30.424	1.019
2/11/2018 3:15	278100	10.283	15.08	23.163	32465.563	40054.852	25.621	27.237	30.802	1.019
2/11/2018 3:30	279000	10.31	15.081	23.225	34390.418	42428.531	27.307	28.851	29.078	1.02
2/11/2018 3:45	279900	10.338	15.082	23.288	34194.699	42186.195	27.134	28.687	29.244	1.02
2/11/2018 4:00	280800	10.377	15.081	23.376	34113.211	42086.359	27.063	28.619	29.314	1.02
2/11/2018 4:15	281700	10.435	15.084	23.507	33147.813	40892.602	26.215	27.807	30.168	1.019
2/11/2018 4:30	282600	10.423	15.086	23.451	33047.438	40767.258	26.126	27.722	30.26	1.019
2/11/2018 4:45	283500	10.411	15.085	23.458	33318.723	41102.164	26.364	27.949	30.013	1.019
2/11/2018 5:00	284400	10.445	15.083	23.54	33982.805	41923.898	26.947	28.508	29.427	1.02
2/11/2018 5:15	285300	10.443	15.091	23.523	34160.676	42135.215	27.098	28.652	29.273	1.02
2/11/2018 5:30	286200	10.484	15.091	23.616	34330.699	42345.453	27.248	28.795	29.128	1.02
2/11/2018 5:45	287100	10.471	15.091	23.587	34003.48	41941.406	26.96	28.52	29.409	1.02
2/11/2018 6:00	288000	10.472	15.089	23.59	33989.883	41926.285	26.95	28.51	29.421	1.02
2/11/2018 6:15	288900	10.453	15.09	23.547	33884.098	41795.199	26.856	28.421	29.512	1.02
2/11/2018 6:30	289800	10.466	15.096	23.575	33089.223	40809.332	26.157	27.75	30.221	1.019
2/11/2018 6:45	290700	10.515	15.088	23.687	32125.734	39628.102	25.32	26.947	31.128	1.019
2/11/2018 7:00	291600	10.471	15.089	23.587	34134.207	42105.012	27.077	28.631	29.296	1.02
2/11/2018 7:15	292500	10.456	15.091	23.554	34318.824	42330.715	27.238	28.785	29.139	1.02
2/11/2018 7:30	293400	10.519	15.092	23.695	34163.117	42137.09	27.1	28.653	29.271	1.02
2/11/2018 7:45	294300	10.526	15.094	23.711	34268.605	42265.793	27.192	28.741	29.181	1.02
2/11/2018 8:00	295200	10.538	15.09	23.737	34063.918	42016.742	27.014	28.571	29.357	1.02
2/11/2018 8:15	296100	10.559	15.094	23.786	33717.887	41586.129	26.708	28.279	29.658	1.02
2/11/2018 8:30	297000	10.586	15.092	23.846	32965.723	40660.797	26.051	27.649	30.335	1.019
2/11/2018 8:45	297900	10.597	15.096	23.87	33735.84	41606.027	26.722	28.292	29.642	1.02
2/11/2018 9:00	298800	10.508	15.092	23.67	33324.602	41102.691	26.364	27.95	30.008	1.019
2/11/2018 9:15	299700	10.471	15.09	23.587	34789.789	42912.531	27.653	29.181	28.744	1.02
2/11/2018 9:30	300600	10.507	15.085	23.668	34915.766	43072.379	27.767	29.289	28.64	1.02
2/11/2018 9:45	301500	10.47	15.091	23.584	34770.66	42887.41	27.635	29.163	28.76	1.02
2/11/2018 10:00	302400	10.576	15.093	23.824	34634.379	42717.555	27.514	29.048	28.873	1.02
2/11/2018 10:15	303300	10.665	15.096	24.023	34115.078	42074.441	27.055	28.611	29.313	1.02
2/11/2018 10:30	304200	10.673	15.095	24.042	33311.063	41083.934	26.351	27.937	30.02	1.019
2/11/2018 10:45	305100	10.63	15.095	23.945	33280.195	41045.199	26.324	27.911	30.048	1.019
2/11/2018 11:00	306000	10.669	15.099	24.032	32872.051	40538.297	25.965	27.566	30.421	1.019
2/11/2018 11:15	306900	10.682	15.098	24.063	33297.809	41064.621	26.338	27.924	30.032	1.019
2/11/2018 11:30	307800	10.654	15.095	23.999	32549.568	40144.676	25.686	27.298	30.722	1.019
2/11/2018 11:45	308700	10.658	15.095	24.009	31781.297	39196.809	25.017	26.654	31.465	1.018
2/11/2018 12:00	309600	10.667	15.092	24.029	34288.141	42291.477	27.21	28.758	29.165	1.02
2/11/2018 12:15	310500	10.646	15.092	23.98	34323.098	42334.145	27.24	28.787	29.135	1.02
2/11/2018 12:30	311400	10.516	15.094	23.689	34163.293	42135.641	27.099	28.652	29.271	1.02
2/11/2018 12:45	312300	10.516	15.091	23.689	33694.73	41560.758	26.69	28.261	29.678	1.02
2/11/2018 13:00	313200	10.434	15.081	23.504	33202.531	40963.086	26.265	27.855	30.118	1.019
2/11/2018 13:15	314100	10.437	15.078	23.511	32955.664	40661.121	26.05	27.65	30.344	1.019
2/11/2018 13:30	315000	10.364	15.077	23.345	31915.994	39379.512	25.144	26.778	31.332	1.018
2/11/2018 13:45	315900	10.287	15.071	23.172	34121.016	42105.762	27.076	28.632	29.307	1.02
2/11/2018 14:00	316800	10.281	15.072	23.159	33822.621	41737.113	26.814	28.381	29.566	1.02
2/11/2018 14:15	317700	10.263	15.069	23.118	33987.531	41943.559	26.961	28.522	29.423	1.02
2/11/2018 14:30	318600	10.257	15.067	23.106	32871.5	40567.637	25.989	27.586	30.421	1.019
2/11/2018 14:45	319500	10.173	15.068	22.915	32786.43	40462.563	25.904	27.515	30.5	1.019
2/11/2018 15:00	320400	10.124	15.065	22.806	34078.742	42059.539	27.043	28.6	29.344	1.02
2/11/2018 15:15	321300	10.206	15.07	22.99	33766.059	41669.133	26.765	28.335	29.616	1.02
2/11/2018 15:30	322200	10.19	15.069	22.953	33662.758	41542.598	26.675	28.249	29.706	1.02
2/11/2018 15:45	323100	10.142	15.068	22.845	33000.695	40726.738	26.096	27.694	30.302	1.019
2/11/2018 16:00	324000	10.203	15.069	22.983	32362.549	39937.699	25.538	27.158	30.9	1.019
2/11/2018 16:15	324900	10.18	15.07	22.931	34458.859	42524.156	27.374	28.916	29.02	1.02
2/11/2018 16:30	325800	10.148	15.069	22.86	34187.395	42190.039	27.136	28.689	29.251	1.02
2/11/2018 16:45	326700	10.13	15.07	22.818	34057.246	42028.543	27.021	28.579	29.362	1.02
2/11/2018 17:00	327600	10.175	15.072	22.919	33487.379	41323.16	26.52	28.1	29.862	1.019
2/11/2018 17:15	328500	10.143	15.07	22.849	32583.947	40210.59	25.731	27.343	30.69	1.019
2/11/2018 17:30	329400	10.178	15.07	22.927	31128.201	38413.703	24.464	26.121	32.125	1.018
2/11/2018 17:45	330300	10.18	15.073	22.932	34551.707	42635.391	27.454	28.992	28.942	1.02
2/11/2018 18:00	331200	10.288	15.071	23.175	34429.223	42486.801	27.348	28.891	29.045	1.02
2/11/2018 18:15	332100	10.197	15.07	22.971	34490.906	42563.535	27.402	28.943	28.993	1.02
2/11/2018 18:30	333000	10.209	15.075	22.996	32947.504	40654.262	26.045	27.645	30.351	1.019
2/11/2018 18:45	333900	10.252	15.074	23.094	33480.375	41312.379	26.512	28.092	29.868	1.019
2/11/2018 19:00	334800	10.258	15.072	23.107	32324.441	39887.852	25.503	27.124	30.936	1.019
2/11/2018 19:15	335700	10.288	15.075	23.175	34707.168	42825.699	27.59	29.121	28.812	1.02
2/11/2018 19:30	336600	10.276	15.077	23.147	34500.602	42569.063	27.407	28.947	28.985	1.02
2/11/2018 19:45	337500	10.309	15.077	23.222	34493.902	42560.797	27.401	28.941	28.991	1.02
2/11/2018 20:00	3384									

2/12/2018 18:00	417600	10.32	15.075	23.247	32370.994	39942.648	25.542	27.161	30.892	1.019
2/12/2018 18:15	418500	10.396	15.066	23.419	32933.41	40645.059	26.038	27.639	30.364	1.019
2/12/2018 18:30	419400	10.371	15.067	23.362	34277.887	42303.996	27.217	28.767	29.173	1.02
2/12/2018 18:45	420300	10.384	15.071	23.392	34431.539	43489.578	27.35	28.893	29.043	1.02
2/12/2018 19:00	421200	10.45	15.076	23.54	34173.555	42166.043	27.119	28.673	29.262	1.02
2/12/2018 19:15	422100	10.43	15.074	23.495	33392.781	41204.465	26.436	28.019	29.947	1.019
2/12/2018 19:30	423000	10.352	15.074	23.319	32779.785	40448.066	25.899	27.505	30.507	1.019
2/12/2018 19:45	423900	10.341	15.074	23.295	32769.484	40435.277	25.89	27.496	30.516	1.019
2/12/2018 20:00	424800	10.355	15.072	23.325	34367.313	42408.992	27.292	28.838	29.097	1.02
2/12/2018 20:15	425700	10.418	15.073	23.468	34465.094	42528.684	27.378	28.92	29.015	1.02
2/12/2018 20:30	426600	10.385	15.075	23.393	34314.609	42341.59	27.244	28.792	29.142	1.02
2/12/2018 20:45	427500	10.48	15.075	23.608	34363.188	42400.645	27.287	28.832	29.101	1.02
2/12/2018 21:00	428400	10.488	15.08	23.626	34331.445	42357.094	27.256	28.803	29.128	1.02
2/12/2018 21:15	429300	10.472	15.079	23.59	33403.773	41213.25	26.442	28.025	29.937	1.019
2/12/2018 21:30	430200	10.492	15.074	23.634	33167.906	40926.984	26.239	27.83	30.15	1.019
2/12/2018 21:45	431100	10.419	15.077	23.47	32856.215	40539.945	25.965	27.567	30.436	1.019
2/12/2018 22:00	432000	10.459	15.075	23.56	34506.695	42577.98	27.413	28.953	28.98	1.02
2/12/2018 22:15	432900	10.46	15.078	23.563	34495.289	42560.73	27.401	28.941	28.989	1.02
2/12/2018 22:30	433800	10.395	15.078	23.416	34353.18	42385.227	27.276	28.822	29.109	1.02
2/12/2018 22:45	434700	10.424	15.076	23.481	34384.121	42426.309	27.305	28.85	29.083	1.02
2/12/2018 23:00	435600	10.441	15.076	23.519	34392.145	42435.332	27.311	28.856	29.076	1.02
2/12/2018 23:15	436500	10.44	15.079	23.517	34012.777	41964.969	26.976	28.536	29.401	1.02
2/12/2018 23:30	437400	10.452	15.075	23.543	33529.34	41372.629	26.555	28.133	29.825	1.019
2/12/2018 23:45	438300	10.422	15.079	23.476	33421.973	41236.035	26.458	28.041	29.92	1.019
2/13/2018 0:00	439200	10.434	15.076	23.504	32916.848	40615.012	26.018	27.618	30.38	1.019
2/13/2018 0:15	440100	10.453	15.078	23.547	34513.855	42584.258	27.418	28.957	28.974	1.02
2/13/2018 0:30	441000	10.469	15.082	23.582	34409.461	42451.406	27.323	28.867	29.062	1.02
2/13/2018 0:45	441900	10.426	15.077	23.485	34382.668	42422.66	27.302	28.847	29.084	1.02
2/13/2018 1:00	442800	10.409	15.076	23.448	34343.27	42375.027	27.268	28.815	29.118	1.02
2/13/2018 1:15	443700	10.393	15.073	23.412	34326.695	42357.82	27.256	28.803	29.132	1.02
2/13/2018 1:30	444600	10.407	15.074	23.443	33681.273	41560.961	26.689	28.261	29.69	1.02
2/13/2018 1:45	445500	10.413	15.075	23.456	32343.23	39909.059	25.518	27.138	30.918	1.019
2/13/2018 2:00	446400	10.357	15.08	23.329	34509.504	42576.688	27.412	28.952	28.978	1.02
2/13/2018 2:15	447300	10.459	15.074	23.561	34291.531	42313.289	27.224	28.773	29.162	1.02
2/13/2018 2:30	448200	10.394	15.074	23.414	34267.699	42284.68	27.204	28.754	29.182	1.02
2/13/2018 2:45	449100	10.456	15.078	23.552	33999.297	41949.027	26.965	28.525	29.412	1.02
2/13/2018 3:00	450000	10.472	15.076	23.59	33293.66	41079.945	26.347	27.934	30.036	1.019
2/13/2018 3:15	450900	10.435	15.079	23.505	32853.727	40534.688	25.961	27.564	30.438	1.019
2/13/2018 3:30	451800	10.502	15.075	23.658	32682.404	40327.234	25.814	27.423	30.598	1.019
2/13/2018 3:45	452700	10.452	15.075	23.543	34501.891	42572.406	27.409	28.949	28.984	1.02
2/13/2018 4:00	453600	10.538	15.079	23.737	34378.641	42415.84	27.298	28.843	29.088	1.02
2/13/2018 4:15	454500	10.435	15.076	23.505	34332.645	42362.793	27.26	28.807	29.127	1.02
2/13/2018 4:30	455400	10.446	15.08	23.531	34301.492	42320.305	27.23	28.778	29.153	1.02
2/13/2018 4:45	456300	10.514	15.08	23.685	34376.387	42411.918	27.295	28.84	29.09	1.02
2/13/2018 5:00	457200	10.433	15.079	23.501	34088.836	42058.637	27.043	28.6	29.335	1.02
2/13/2018 5:15	458100	10.507	15.083	23.669	32773.82	40432.063	25.889	27.494	30.512	1.019
2/13/2018 5:30	459000	10.554	15.087	23.774	32221.313	39747.328	25.405	27.028	31.035	1.019
2/13/2018 5:45	459900	10.603	15.088	23.884	34529.426	42593.316	27.425	28.963	28.961	1.02
2/13/2018 6:00	460800	10.55	15.085	23.766	34375.297	42405.652	27.291	28.836	29.091	1.02
2/13/2018 6:15	461700	10.575	15.086	23.822	34359.41	42385.605	27.276	28.822	29.104	1.02
2/13/2018 6:30	462600	10.642	15.091	23.972	34347.676	42365.594	27.263	28.809	29.114	1.02
2/13/2018 6:45	463500	10.624	15.089	23.931	34331.223	42347.941	27.25	28.797	29.128	1.02
2/13/2018 7:00	464400	10.569	15.092	23.809	34395.938	42424.953	27.305	28.849	29.073	1.02
2/13/2018 7:15	465300	10.562	15.09	23.791	33552.023	41385.594	26.565	28.142	29.804	1.019
2/13/2018 7:30	466200	10.573	15.088	23.818	33204.914	40959.648	26.263	27.853	30.116	1.019
2/13/2018 7:45	467100	10.664	15.084	24.021	34385.977	42420.582	27.301	28.846	29.082	1.02
2/13/2018 8:00	468000	10.655	15.091	24.001	34293.117	42299.004	27.215	28.763	29.16	1.02
2/13/2018 8:15	468900	10.678	15.088	24.054	34272.316	42275.547	27.198	28.747	29.178	1.02
2/13/2018 8:30	469800	10.612	15.09	23.905	35306.242	43549.207	28.108	29.613	28.324	1.021
2/13/2018 8:45	470700	10.755	15.097	24.227	34773.418	42885.207	27.634	29.162	28.758	1.02
2/13/2018 9:00	471600	10.901	15.095	24.556	35125.043	43320.75	27.945	29.458	28.47	1.021
2/13/2018 9:15	472500	10.915	15.094	24.587	35082.891	43269.75	27.908	29.423	28.504	1.02
2/13/2018 9:30	473400	10.896	15.099	24.544	34313.477	42315.617	27.227	28.775	29.143	1.02
2/13/2018 9:45	474300	10.906	15.09	24.567	34692.289	42791.551	27.566	29.098	28.825	1.02
2/13/2018 10:00	475200	10.95	15.094	24.665	35379.063	43635.215	28.17	29.672	28.265	1.021
2/13/2018 10:15	476100	10.775	15.093	24.273	34701.5	42800.426	27.573	29.104	28.817	1.02
2/13/2018 10:30	477000	10.731	15.09	24.172	34492.742	42546.207	27.391	28.931	28.992	1.02
2/13/2018 10:45	477900	10.685	15.086	24.069	34442.766	42487.996	27.35	28.892	29.034	1.02
2/13/2018 11:00	478800	10.666	15.087	24.026	34442.695	42487.293	27.349	28.891	29.034	1.02
2/13/2018 11:15	479700	10.61	15.086	23.901	33925.566	41850.336	26.895	28.458	29.476	1.02
2/13/2018 11:30	480600	10.622	15.083	23.926	35618.207	43940.926	28.388	29.88	28.076	1.021
2/13/2018 11:45	481500	10.607	15.084	23.893	35557.852	43865.375	28.334	29.828	28.123	1.021
2/13/2018 12:00	482400	10.625	15.083	23.933	35507.738	43805.457	28.291	29.788	28.163	1.021
2/13/2018 12:15	483300	10.645	15.083	23.978	35506.945	43804.477	28.29	29.787	28.164	1.021
2/13/2018 12:30	484200	10.573	15.083	23.817	35502.207	43797.82	28.285	29.783	28.167	1.021
2/13/2018 12:45	485100	10.541	15.08	23.746	34306.43	42326.398	27.234	28.782	29.149	1.02
2/13/2018 13:00	486000	10.591	15.075	23.858	33988.414	41938.141	26.957	28.518	29.422	1.02
2/13/2018 13:15	486900	10.56	15.077	23.788	34331.844	42360.129	27.258	28.805	29.127	1.02
2/13/2018 13:30	487800	10.502	15.075	23.656	35572.234	43893.117	28.353	29.847	28.112	1.021
2/13/2018 13:45	488700	10.502	15.073	23.656	35605.563	43936.441	28.384	29.877	28.085	1.021
2/13/2018 14:00	489600	10.51	15.073	23.675	35505.875	43813.156	28.296	29.793	28.164	1.021
2/13/2018 14:15	490500	10.484	15.072	23.615	35324.594	43590.461	28.136	29.642	28.309	1.021
2/13/2018 14:30	491400	10.432	15.073	23.5	33867.289	41790.848	26.852	28.418	29.527	1.02
2/13/2018 14:45	492300	10.453	15.069	23.547	34240.914	42256.352	27.183	28.734	29.205	1.02
2/13/2018 15:00	493200	10.354	15.065	23.323	34360.156	42407.465	27.291	28.837	29.103	1.02
2/13/2018 15:15	494100	10.47	15.067	23.584	35516.063	43832.262	28.309	29.806	28.156	1.021
2/13/2018 15:30	495000	10.311	15.066	23.227	35418.723	43712.594	28.223	29.725	28.234	1.021
2/13/2018 15:45	495900	10.361	15.063	23.339	35046.012	43255.93	27.896	29.414	28.534	1.02
2/13/2018 16:00	496800	10.375	15.066	23.371	34433.145	42496.137	27.354	28.897	29.042	1.02
2/13/2018 16:15	497700	10.348	15.063	23.309	34344.598	42390.555	27.279	28.826	29.117	1.02
2/13/2018 16:30										

2/14/2018 14:30	577800	10.47	15.071	23.584	32815.961	40495.906	25.933	27.537	30.473	1.019
2/14/2018 14:45	578700	10.448	15.066	23.536	34590.246	42690.375	27.493	29.029	28.91	1.02
2/14/2018 15:00	579600	10.393	15.067	23.412	34582.012	42679.332	27.485	29.022	28.917	1.02
2/14/2018 15:15	580500	10.419	15.066	23.469	34581.527	42679.711	27.485	29.022	28.917	1.02
2/14/2018 15:30	581400	10.455	15.067	23.55	34292.746	42322.418	27.23	28.779	29.161	1.02
2/14/2018 15:45	582300	10.343	15.067	23.3	34091.055	42073.07	27.053	28.61	29.333	1.02
2/14/2018 16:00	583200	10.355	15.064	23.325	32351.768	39929.285	25.532	27.152	30.91	1.019
2/14/2018 16:15	584100	10.303	15.062	23.208	34609.691	42718.535	27.512	29.049	28.894	1.02
2/14/2018 16:30	585000	10.375	15.064	23.371	34438.617	42504.922	27.36	28.903	29.037	1.02
2/14/2018 16:45	585900	10.354	15.067	23.322	34367.25	42414.285	27.296	28.842	29.097	1.02
2/14/2018 17:00	586800	10.292	15.063	23.184	33279.641	41075.766	26.344	27.932	30.048	1.019
2/14/2018 17:15	587700	10.372	15.064	23.364	33908.656	41851.438	26.895	28.459	29.491	1.02
2/14/2018 17:30	588600	10.384	15.068	23.392	32372.777	39951.48	25.548	27.167	30.89	1.019
2/14/2018 17:45	589500	10.36	15.067	23.338	34455.02	42522.773	27.373	28.915	29.023	1.02
2/14/2018 18:00	590400	10.301	15.065	23.204	34452.324	42520.961	27.372	28.914	29.026	1.02
2/14/2018 18:15	591300	10.357	15.069	23.33	34631.344	42738.082	27.527	29.062	28.876	1.02
2/14/2018 18:30	592200	10.352	15.068	23.319	33529.441	41378.766	26.559	28.138	29.825	1.019
2/14/2018 18:45	593100	10.356	15.068	23.329	33025.043	40756.785	26.118	27.715	30.28	1.019
2/14/2018 19:00	594000	10.377	15.069	23.376	34613.914	42716.047	27.511	29.047	28.89	1.02
2/14/2018 19:15	594900	10.366	15.068	23.351	34562.789	42654.375	27.467	29.005	28.933	1.02
2/14/2018 19:30	595800	10.406	15.067	23.441	34380.066	42430.012	27.307	28.852	29.087	1.02
2/14/2018 19:45	596700	10.345	15.067	23.304	34516.16	42598.23	27.427	28.967	28.972	1.02
2/14/2018 20:00	597600	10.38	15.071	23.381	33699.789	41586.402	26.707	28.279	29.674	1.02
2/14/2018 20:15	598500	10.461	15.07	23.565	33330.754	41132.195	26.384	27.97	30.002	1.019
2/14/2018 20:30	599400	10.438	15.07	23.512	34546.41	42632.559	27.452	28.99	28.947	1.02
2/14/2018 20:45	600300	10.482	15.07	23.612	34434.801	42494.039	27.353	28.896	29.04	1.02
2/14/2018 21:00	601200	10.45	15.076	23.54	34467.254	42528.527	27.378	28.919	29.013	1.02
2/14/2018 21:15	602100	10.48	15.075	23.607	34426.605	42478.824	27.342	28.886	29.047	1.02
2/14/2018 21:30	603000	10.477	15.074	23.6	33528.563	41372.523	26.555	28.133	29.825	1.019
2/14/2018 21:45	603900	10.467	15.075	23.578	33250.094	41027.793	26.31	27.899	30.075	1.019
2/14/2018 22:00	604800	10.49	15.077	23.63	32678.6	40320.281	25.809	27.418	30.601	1.019
2/14/2018 22:15	605700	10.56	15.077	23.788	34574.949	42660.262	27.472	29.009	28.923	1.02
2/14/2018 22:30	606600	10.498	15.077	23.647	34590.598	42679.844	27.486	29.022	28.91	1.02
2/14/2018 22:45	607500	10.525	15.075	23.708	34509.789	42582.066	27.416	28.956	28.977	1.02
2/14/2018 23:00	608400	10.484	15.078	23.617	33516.605	41353.656	26.542	28.12	29.836	1.019
2/14/2018 23:15	609300	10.487	15.077	23.623	33983.676	41931.074	26.952	28.513	29.426	1.02
2/14/2018 23:30	610200	10.405	15.076	23.438	33618.148	41480.574	26.632	28.207	29.746	1.02
2/14/2018 23:45	611100	10.442	15.075	23.523	32487.643	40086.75	25.644	27.259	30.781	1.019

Serial_number: 2003874

Project ID: MPWSP Monitoring Wells Barologge

Location: MW-5M Baro

LEVEL

UNIT: psi

TEMPERATURE

UNIT: °C

Date	Time	ms	LEVEL	TEMPERATURE	
	2/8/2018	0:00:00	0	14.7888	7.926
	2/8/2018	0:15:00	0	14.7882	7.611
	2/8/2018	0:30:00	0	14.7866	7.405
	2/8/2018	0:45:00	0	14.7849	7.255
	2/8/2018	1:00:00	0	14.7841	7.145
	2/8/2018	1:15:00	0	14.7805	7.091
	2/8/2018	1:30:00	0	14.78	7.018
	2/8/2018	1:45:00	0	14.7804	7.03
	2/8/2018	2:00:00	0	14.7795	7.073
	2/8/2018	2:15:00	0	14.779	7.037
	2/8/2018	2:30:00	0	14.7772	6.83
	2/8/2018	2:45:00	0	14.7761	6.704
	2/8/2018	3:00:00	0	14.7748	6.648
	2/8/2018	3:15:00	0	14.7727	6.547
	2/8/2018	3:30:00	0	14.7716	6.476
	2/8/2018	3:45:00	0	14.7713	6.436
	2/8/2018	4:00:00	0	14.7751	6.335
	2/8/2018	4:15:00	0	14.7745	6.203
	2/8/2018	4:30:00	0	14.7771	6.325
	2/8/2018	4:45:00	0	14.7772	6.344
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	2/8/2018	5:15:00	0	14.7753	6.643
	2/8/2018	5:30:00	0	14.7761	6.745
	2/8/2018	5:45:00	0	14.7759	6.782
	2/8/2018	6:00:00	0	14.7762	6.798
	2/8/2018	6:15:00	0	14.7768	6.783
	2/8/2018	6:30:00	0	14.7768	6.751
	2/8/2018	6:45:00	0	14.7781	6.774
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	2/8/2018	7:15:00	0	14.7817	6.777
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	2/8/2018	8:15:00	0	14.7883	10.398
	2/8/2018	8:30:00	0	14.789	11.621
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	2/8/2018	9:15:00	0	14.7922	16.013
	2/8/2018	9:30:00	0	14.7918	16.972
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	2/8/2018	10:00:00	0	14.7884	19.226
	2/8/2018	10:15:00	0	14.7877	20.313
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	2/8/2018	15:45:00	0	14.7285	17.326
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2/13/2018	14:30:00	0	14.7361	24.009
2/13/2018	14:45:00	0	14.7377	23.554
2/13/2018	15:00:00	0	14.7376	22.4
2/13/2018	15:15:00	0	14.7392	21.167

2/13/2018	15:30:00	0	14.7418	19.992
2/13/2018	15:45:00	0	14.744	18.751
2/13/2018	16:00:00	0	14.745	17.393
2/13/2018	16:15:00	0	14.7472	15.813
2/13/2018	16:30:00	0	14.7456	14.641
2/13/2018	16:45:00	0	14.7448	13.733
2/13/2018	17:00:00	0	14.7445	13.135
2/13/2018	17:15:00	0	14.7456	12.715
2/13/2018	17:30:00	0	14.7458	12.295
2/13/2018	17:45:00	0	14.7476	11.843
2/13/2018	18:00:00	0	14.7491	11.421
2/13/2018	18:15:00	0	14.7504	11.039
2/13/2018	18:30:00	0	14.7509	10.664
2/13/2018	18:45:00	0	14.7536	10.339
2/13/2018	19:00:00	0	14.7538	10.059
2/13/2018	19:15:00	0	14.7547	9.808
2/13/2018	19:30:00	0	14.757	9.536
2/13/2018	19:45:00	0	14.7596	9.266
2/13/2018	20:00:00	0	14.7616	8.966
2/13/2018	20:15:00	0	14.7627	8.643
2/13/2018	20:30:00	0	14.7625	8.203
2/13/2018	20:45:00	0	14.7626	7.742
2/13/2018	21:00:00	0	14.7656	7.329
2/13/2018	21:15:00	0	14.7639	6.907
2/13/2018	21:30:00	0	14.7643	6.584
2/13/2018	21:45:00	0	14.7648	6.358
2/13/2018	22:00:00	0	14.7657	6.217
2/13/2018	22:15:00	0	14.7656	6.043
2/13/2018	22:30:00	0	14.7661	5.891
2/13/2018	22:45:00	0	14.7684	5.654
2/13/2018	23:00:00	0	14.7688	5.356
2/13/2018	23:15:00	0	14.7705	5.207
2/13/2018	23:30:00	0	14.7701	5.091
2/13/2018	23:45:00	0	14.7707	5.047
2/14/2018	0:00:00	0	14.7681	5.029
2/14/2018	0:15:00	0	14.7695	5.049
2/14/2018	0:30:00	0	14.7673	5.038
2/14/2018	0:45:00	0	14.7676	4.953
2/14/2018	1:00:00	0	14.7685	4.958
2/14/2018	1:15:00	0	14.7679	5.005
2/14/2018	1:30:00	0	14.7674	4.931
2/14/2018	1:45:00	0	14.7679	4.898
2/14/2018	2:00:00	0	14.7658	4.942
2/14/2018	2:15:00	0	14.7626	5.065
2/14/2018	2:30:00	0	14.7585	5.306
2/14/2018	2:45:00	0	14.7562	5.512
2/14/2018	3:00:00	0	14.7529	5.578
2/14/2018	3:15:00	0	14.7514	5.551
2/14/2018	3:30:00	0	14.752	5.636
2/14/2018	3:45:00	0	14.7492	5.622
2/14/2018	4:00:00	0	14.7481	5.513
2/14/2018	4:15:00	0	14.7469	5.338
2/14/2018	4:30:00	0	14.7448	5.203
2/14/2018	4:45:00	0	14.7438	5.089
2/14/2018	5:00:00	0	14.7428	5.004
2/14/2018	5:15:00	0	14.7461	4.788
2/14/2018	5:30:00	0	14.747	4.638
2/14/2018	5:45:00	0	14.7478	4.388
2/14/2018	6:00:00	0	14.7473	4.097
2/14/2018	6:15:00	0	14.7485	3.901
2/14/2018	6:30:00	0	14.7497	3.779
2/14/2018	6:45:00	0	14.7503	3.557
2/14/2018	7:00:00	0	14.7506	3.555
2/14/2018	7:15:00	0	14.7523	3.538
2/14/2018	7:30:00	0	14.7541	4.027
2/14/2018	7:45:00	0	14.7584	5.239
2/14/2018	8:00:00	0	14.7639	6.659
2/14/2018	8:15:00	0	14.7676	8.174
2/14/2018	8:30:00	0	14.7683	9.741
2/14/2018	8:45:00	0	14.7728	11.275
2/14/2018	9:00:00	0	14.774	12.775
2/14/2018	9:15:00	0	14.7748	14.317
2/14/2018	9:30:00	0	14.7768	15.832
2/14/2018	9:45:00	0	14.7781	17.25
2/14/2018	10:00:00	0	14.7777	18.604
2/14/2018	10:15:00	0	14.7813	20.041
2/14/2018	10:30:00	0	14.7802	21.194
2/14/2018	10:45:00	0	14.7814	21.829
2/14/2018	11:00:00	0	14.777	22.346

2/14/2018	11:15:00	0	14.7777	22.941
2/14/2018	11:30:00	0	14.7753	23.015
2/14/2018	11:45:00	0	14.7717	23.017
2/14/2018	12:00:00	0	14.7661	23.338
2/14/2018	12:15:00	0	14.7643	23.099
2/14/2018	12:30:00	0	14.7638	21.872
2/14/2018	12:45:00	0	14.7617	20.671
2/14/2018	13:00:00	0	14.7572	19.9
2/14/2018	13:15:00	0	14.7552	19.588
2/14/2018	13:30:00	0	14.7543	19.288
2/14/2018	13:45:00	0	14.7559	18.479
2/14/2018	14:00:00	0	14.7543	17.536
2/14/2018	14:15:00	0	14.7516	17.659
2/14/2018	14:30:00	0	14.7499	18.108
2/14/2018	14:45:00	0	14.7492	18.597
2/14/2018	15:00:00	0	14.7492	17.859
2/14/2018	15:15:00	0	14.7471	16.482
2/14/2018	15:30:00	0	14.7437	15.424
2/14/2018	15:45:00	0	14.7424	14.665
2/14/2018	16:00:00	0	14.7423	14.207
2/14/2018	16:15:00	0	14.7422	13.82
2/14/2018	16:30:00	0	14.7427	13.444
2/14/2018	16:45:00	0	14.7428	13.184
2/14/2018	17:00:00	0	14.7415	12.872
2/14/2018	17:15:00	0	14.7415	12.482
2/14/2018	17:30:00	0	14.7409	12.053
2/14/2018	17:45:00	0	14.7417	11.567
2/14/2018	18:00:00	0	14.7431	11.124
2/14/2018	18:15:00	0	14.7422	10.809
2/14/2018	18:30:00	0	14.7446	10.556
2/14/2018	18:45:00	0	14.7481	10.325
2/14/2018	19:00:00	0	14.7483	10.151
2/14/2018	19:15:00	0	14.7499	9.994
2/14/2018	19:30:00	0	14.7518	9.854
2/14/2018	19:45:00	0	14.7564	9.734
2/14/2018	20:00:00	0	14.7569	9.623
2/14/2018	20:15:00	0	14.7587	9.529
2/14/2018	20:30:00	0	14.7623	9.404
2/14/2018	20:45:00	0	14.7672	9.327
2/14/2018	21:00:00	0	14.7709	9.283
2/14/2018	21:15:00	0	14.7705	9.254
2/14/2018	21:30:00	0	14.7742	9.128
2/14/2018	21:45:00	0	14.7787	8.933
2/14/2018	22:00:00	0	14.78	8.669
2/14/2018	22:15:00	0	14.7804	8.414
2/14/2018	22:30:00	0	14.7801	8.336
2/14/2018	22:45:00	0	14.7806	8.253
2/14/2018	23:00:00	0	14.7785	8.1
2/14/2018	23:15:00	0	14.7761	8.132
2/14/2018	23:30:00	0	14.7765	8.188
2/14/2018	23:45:00	0	14.7764	8.034

Report Date: 2/16/2018 10:41
Report User Name: WMassoll
Report Computer Name: WKST52
Application: WinSitu.exe
Application Version: 5.6.27.1

Log File Properties

File Name MPWSP Barotroll_2018-02-15_16-52-45-921.wsl
Create Date 2/15/2018 16:52

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	748
Sensors	1
	1399604 Baro-Pressure/Temp

Time Zone: Pacific Standard Time

Date and Time	Elapsed Time Seconds	Sensor: Baro Pres SN#: 399604 Pressure (mmHg)	Sensor: Baro Pres SN#: 399604 Temperature (C)	
2/8/2018 0:00		7200	767.436	13.817
2/8/2018 0:15		8100	767.032	13.722
2/8/2018 0:30		9000	767.416	13.597
2/8/2018 0:45		9900	767.182	13.509
2/8/2018 1:00		10800	767.337	13.374
2/8/2018 1:15		11700	767.159	13.241
2/8/2018 1:30		12600	767.041	13.182
2/8/2018 1:45		13500	767.238	13.103
2/8/2018 2:00		14400	766.872	13.102
2/8/2018 2:15		15300	766.705	13.06
2/8/2018 2:30		16200	766.841	13.034
2/8/2018 2:45		17100	767.093	12.974
2/8/2018 3:00		18000	766.789	12.96
2/8/2018 3:15		18900	766.795	12.923
2/8/2018 3:30		19800	766.603	12.918
2/8/2018 3:45		20700	766.429	12.891
2/8/2018 4:00		21600	766.761	12.856
2/8/2018 4:15		22500	767.038	12.818
2/8/2018 4:30		23400	766.507	12.796
2/8/2018 4:45		24300	766.786	12.778
2/8/2018 5:00		25200	766.763	12.785
2/8/2018 5:15		26100	766.763	12.754
2/8/2018 5:30		27000	766.797	12.723
2/8/2018 5:45		27900	766.884	12.655
2/8/2018 6:00		28800	767.059	12.657
2/8/2018 6:15		29700	766.748	12.609
2/8/2018 6:30		30600	766.748	12.576
2/8/2018 6:45		31500	767.127	12.561
2/8/2018 7:00		32400	766.854	12.503
2/8/2018 7:15		33300	767.06	12.457
2/8/2018 7:30		34200	767.053	12.472
2/8/2018 7:45		35100	767.266	12.47
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2/8/2018 9:45		42300	767.315	13.727
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2/14/2018 23:30	610200	767.004	13.061
2/14/2018 23:45	611100	766.64	13.022

GEOSCIENCE

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