

MONTEREY PENINSULA WATER SUPPLY PROJECT

Test Slant Well Long Term Pumping Monitoring Report No. 131 1-November-17 - 8-November-17

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

November 14, 2017

PREPARED FOR:
California American Water



**CALIFORNIA
AMERICAN WATER**

GEOSCIENCE Support Services, Inc., Ground Water Resources Development
P.O. Box 220, Claremont, CA 91711 | P (909) 451-6650 | F (909) 451-6638 |
www.gssiwater.com

GEOSCIENCE

MONTEREY PENINSULA WATER SUPPLY PROJECT

Test Slant Well Long Term Pumping Monitoring Report No. 131 1-November-17 - 8-November-17

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

NOVEMBER 14, 2017

PREPARED FOR:
CALIFORNIA AMERICAN WATER



GEOSCIENCE SUPPORT SERVICES INCORPORATED

Ground Water Resources Development

P.O. Box 220, Claremont, CA 91711

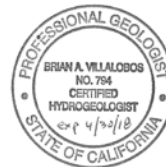
T: 909-451-6650

F: 909-451-6638

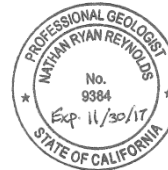
THIS REPORT HAS BEEN PREPARED BY OR UNDER THE DIRECTION OF THE FOLLOWING DESIGN PROFESSIONAL LICENSED BY THE STATE OF CALIFORNIA AND BASED ON THE MOST RECENT AVAILABLE INFORMATION.



Brian Villalobos, CEG, CHG
Senior Geohydrologist



Nathan Reynolds, PG
Project Manager



Copyright © 2017 GEOSCIENCE Support Services, Inc., All Rights Reserved.

GEOSCIENCE retains its copyrights, and the client for which this document was produced may not use such products of consulting services for purposes unrelated to the subject matter of this project.

All intellectual property contained herein remains the property of GEOSCIENCE Support Services, Inc.

No portion of this report may be reproduced, stored in a retrieval system, or transmitted in any form or by any means, mechanical, electronic, photocopying, recording, or otherwise EXCEPT for purposes of the project for which this document was produced.

CONTENTS

1.0	GENERAL	1
1.1	Purpose and Scope.....	1
1.2	Monitoring Well Construction	1
1.3	Baseline Water Level and Water Quality Weekly Monitoring Reports	2
1.4	Test Slant Well Baseline Water Level and Quality Data.....	2
1.5	Test Slant Well Long Term Pumping Test Monitoring Reports.....	2
1.5.1	Interruption of Pumping Due to Power Outages	3
1.6	Test Slant Well Water Quality.....	5
1.7	Format of Report.....	5
2.0	CONVERSION OF TRANSDUCER PRESSURE MEASUREMENTS TO GROUNDWATER ELEVATIONS .	6
3.0	ESTIMATING TOTAL DISSOLVED SOLIDS FROM ELECTRICAL CONDUCTIVITY (EC) MEASUREMENTS	7
3.1	Additional Monitoring Methods	7

FIGURES, TABLES AND APPENDICES

FIGURES

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

TABLES

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

APPENDICES

	Description
--	-------------

A-1	Coastal Development Permit #A-3-MRA-14-0050
A-2	Coastal Development Permit Amendment No. A-3-MRA-14-0050-A1
B	Groundwater Level and Salinity Instrument Data for the Period 1-November-17 through 8-November-17

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

www.watersupplyproject.org

MONTEREY PENINSULA WATER SUPPLY PROJECT

TEST SLANT WELL LONG TERM PUMPING MONITORING REPORT NO. 131 1-NOVEMBER-17 - 8-NOVEMBER-17

1.0 GENERAL

1.1 Purpose and Scope

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

1.2 Monitoring Well Construction

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

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

1.3 Baseline Water Level and Water Quality Weekly Monitoring Reports

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

1.4 Test Slant Well Baseline Water Level and Quality Data

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

1.5 Test Slant Well Long Term Pumping Test Monitoring Reports

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

On June 5, 2015, the Test Slant Well was voluntarily shut off so that the HWG could evaluate regional trends in water levels and salinity. During the shut off period, the California Coastal Commission allowed for weekly maintenance pumping of 6-hours per week to maintain the Test Slant Well (TSW) in an operational condition. Long term pumping of the Test Slant Well resumed on October 27, 2015 under Coastal Development Permit Amendment No. A-3-MRA-14-0050-A1 dated 13-Oct-15 (Appendix A-2). This report summarizes monitoring performed for the period 1-November-17 through 8-November-17 and is presented with data collected since the start of the long term pumping test. One week of transducer data has been included in Appendix B. Each subsequent weekly report will provide an additional seven days of data.

1.5.1 Interruption of Pumping Due to Power Outages

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

Pumping Interruptions					
Pump Off		Pump On		Time Off (hours)	Cause
Date	Time	Date	Time		
1/19/2016	11:10 AM	1/20/2016	8:51 AM	22	PG&E power interruption
1/22/2016	11:53 PM	1/24/2016	11:01 AM	35	PG&E power interruption
1/30/2016	2:50 AM	1/30/2016	11:08 AM	8	PG&E power interruption
1/31/2016	3:29 PM	2/1/2016	11:20 AM	20	PG&E power interruption
2/12/2016	2:43 AM	2/12/2016	10:51 AM	8	PG&E power interruption
3/1/2016	8:30 AM	3/2/2016	1:40 PM	29	Discharge line repairs
3/4/2016	10:10 AM	5/2/2016	1:22 PM	1,419	Discharge line repairs
5/17/2016	11:59 PM	5/18/2016	2:35 PM	15	PG&E power interruption
5/25/2016	1:28 PM	5/25/2016	5:21 PM	4	PG&E power interruption
6/3/2016	7:45 AM	6/3/2016	9:08 AM	1	PG&E power interruption
7/8/2016	6:12 AM	7/8/2016	7:17 AM	1	PG&E power interruption
7/14/2016	10:21 AM	7/14/2016	11:36 AM	1	PG&E power interruption
8/13/2016	11:32 AM	8/16/2016	7:29 PM	80	PG&E power interruption
10/3/2016	7:55 PM	10/5/2016	6:23 PM	46	PG&E power interruption
12/24/2016	9:18 AM	1/11/2017	9:23 AM	432	PG&E power interruption & discharge line repair
1/20/2017	7:42 PM	1/25/2017	2:43 PM	115	PG&E power interruption
2/17/2017	5:43 AM	2/23/2017	9:47 AM	148	PG&E power interruption
2/23/2017	9:57 AM	2/23/2017	12:13 PM	2	PG&E power interruption
3/13/2017	2:48 PM	3/13/2017	4:14 PM	1	PG&E power interruption
3/22/2017	4:54 AM	3/22/2017	9:09 AM	4	PG&E power interruption
4/10/2017	4:04 AM	4/10/2017	10:32 AM	6	PG&E power interruption
6/2/2017	9:42 AM	6/2/2017	1:53 PM	4	Maintenance
6/8/2017	4:15 PM	6/9/2017	10:49 AM	19	Development
6/16/2017	7:45 AM	6/16/2017	8:46 PM	13	Development
6/18/2017	9:21 AM	6/19/2017	2:33 PM	29	PG&E power interruption
6/21/2017	5:22 PM	6/22/2017	11:06 AM	18	Development
6/28/2017	7:45 PM	6/30/2017	11:30 AM	40	Development
7/5/2017	4:21 PM	7/7/2017	7:24 AM	39	Development
7/16/2017	7:37 PM	7/17/2017	11:26 AM	16	PG&E power interruption
7/23/2017	11:54 PM	7/24/2017	11:32 AM	12	PG&E power interruption
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	16	Development

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. 131 (this report), is the one-hundred thirty-first of the weekly long-term pumping monitoring reports and follows the weekly baseline monitoring reports, the last of which ended on 22-Apr-15 (Baseline Monitoring Report No. 7¹).

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

2.0 CONVERSION OF TRANSDUCER PRESSURE MEASUREMENTS TO GROUNDWATER ELEVATIONS

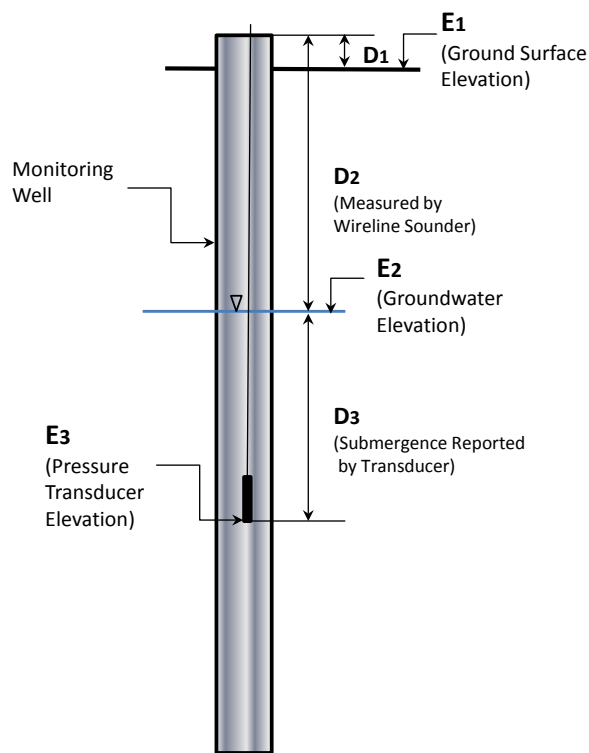
Pressure transducer readings were converted to groundwater elevation values (expressed as ft NAVD88) using the setting depth of the pressure transducer and the ground surface elevation at the monitoring well site (see inset). After initially setting a pressure transducer in the well, and after each time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

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

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

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

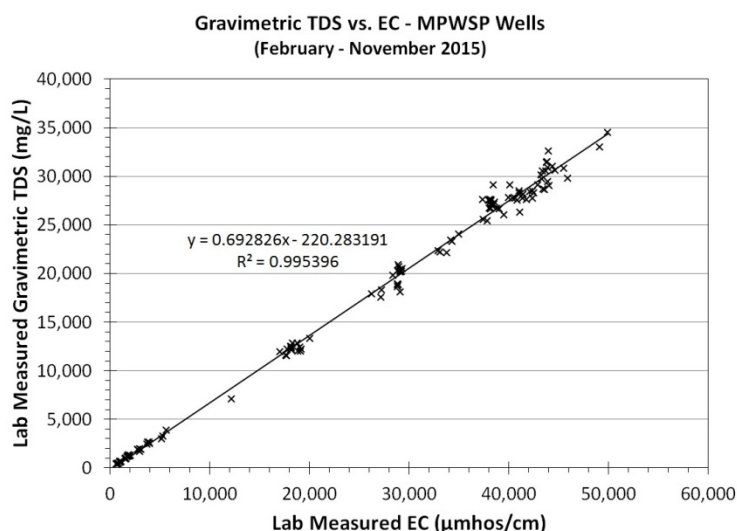
MW-1, MW-3, MW-4, MW-5, Dredge Pond, and Test Slant Well reference point elevations (RP) were surveyed on 26-Mar-15. MW-6, MW-7, MW-8, MW-9, and CEMEX North Well RPs were surveyed on 1-Oct-15 and are summarized in Table 1. All elevations are in ft NAVD88 including RP and ground surface elevations. CEMEX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



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

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

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



3.1 Additional Monitoring Methods

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

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

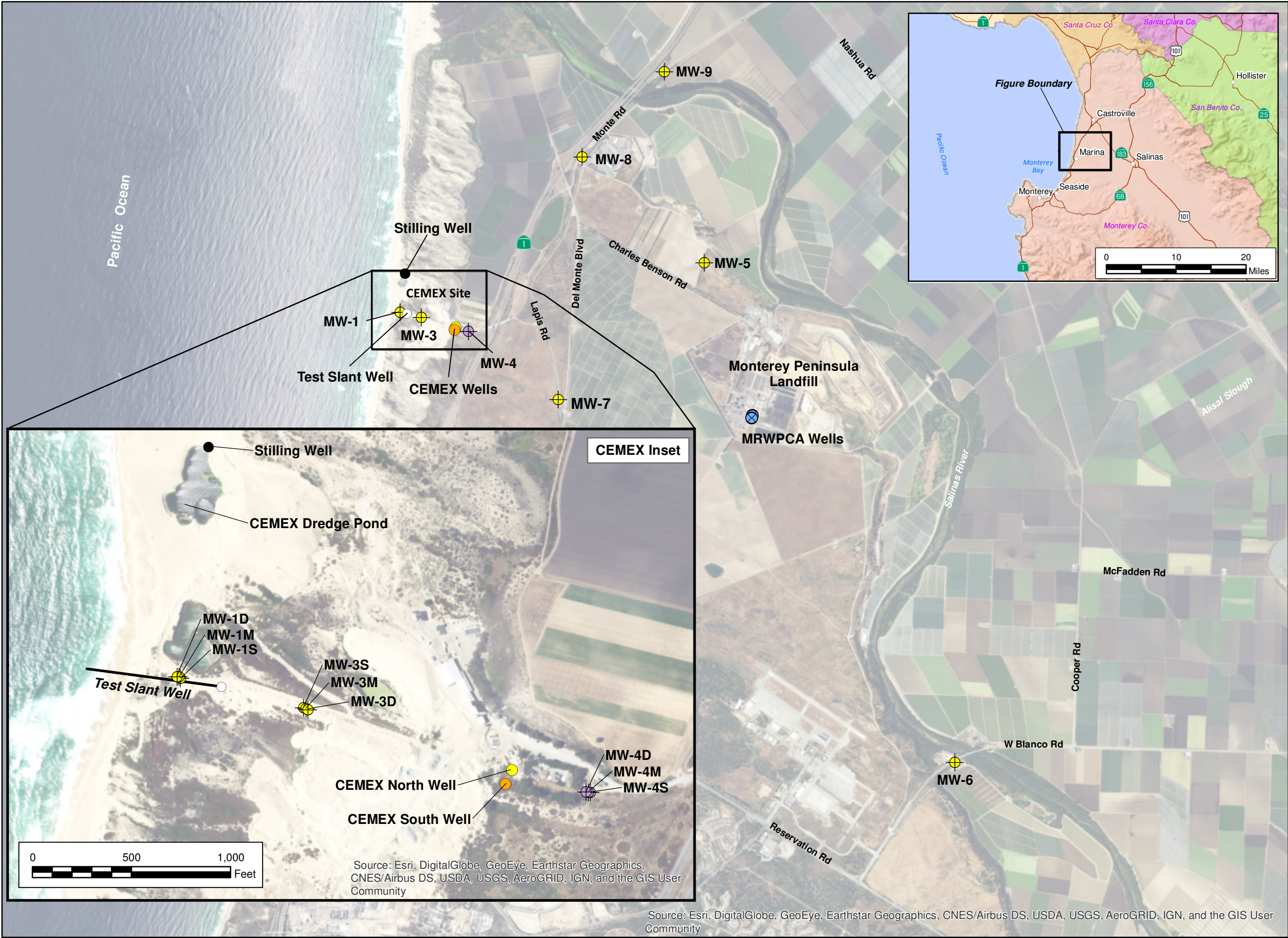
Data collected from transducers will continue to be plotted. Where no transducers were present, specific conductivity data was collected using a hand-held electrical conductance meter (MW-5 &

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

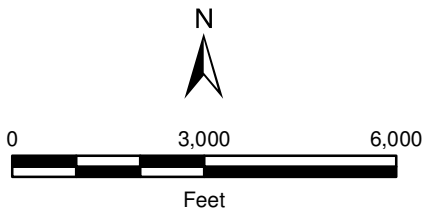
FIGURES

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

W:\GIS_projects\map_cal_armbd_lw_monitoring\Long-Term_Monitoring_FPL_No.13_11-14-17\1_Fig.1-1_MonWells_11-14-17.mxd



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



MPWSP GROUNDWATER MONITORING NETWORK

Groundwater Elevation in MPWSP MW-1

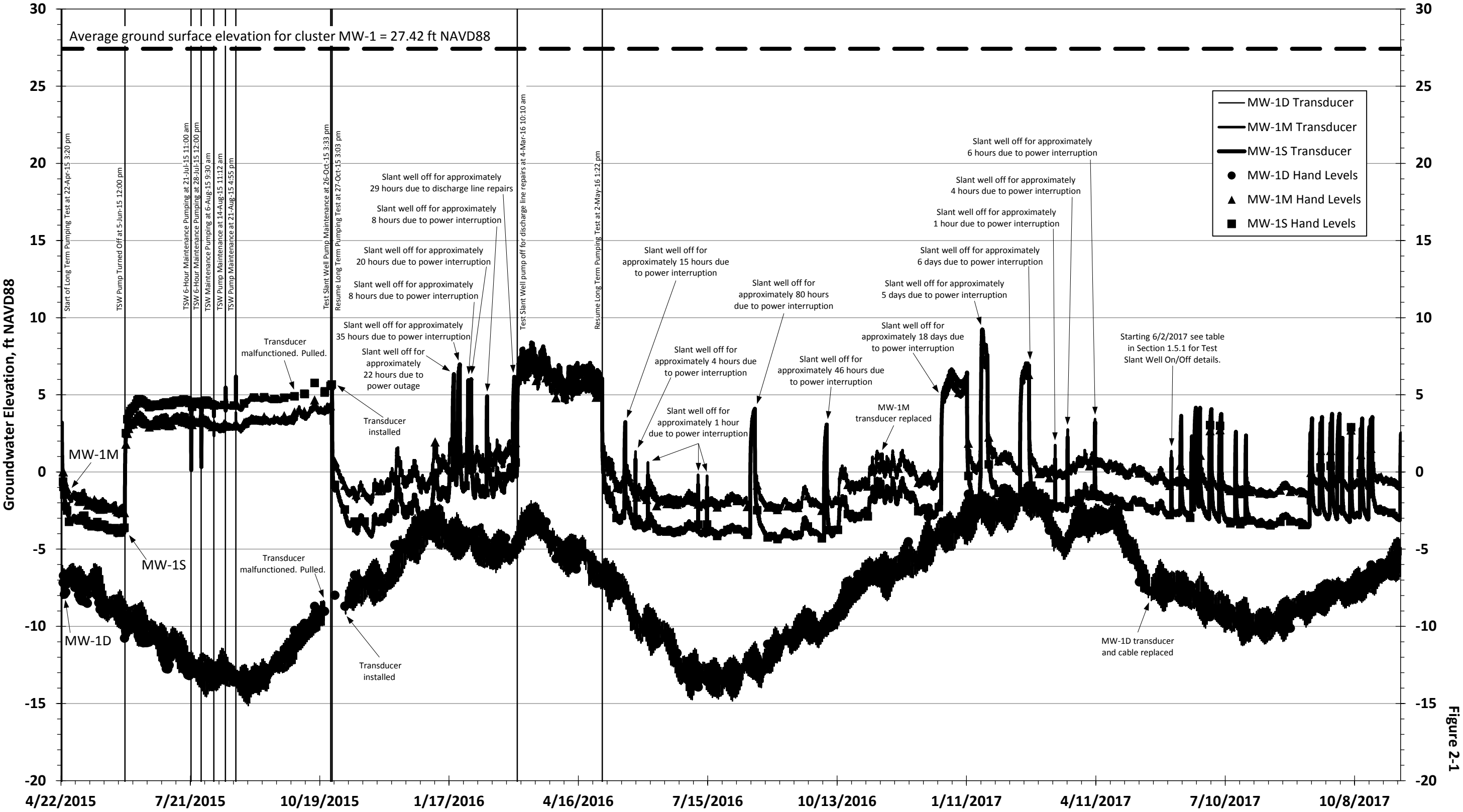


Figure 2-1

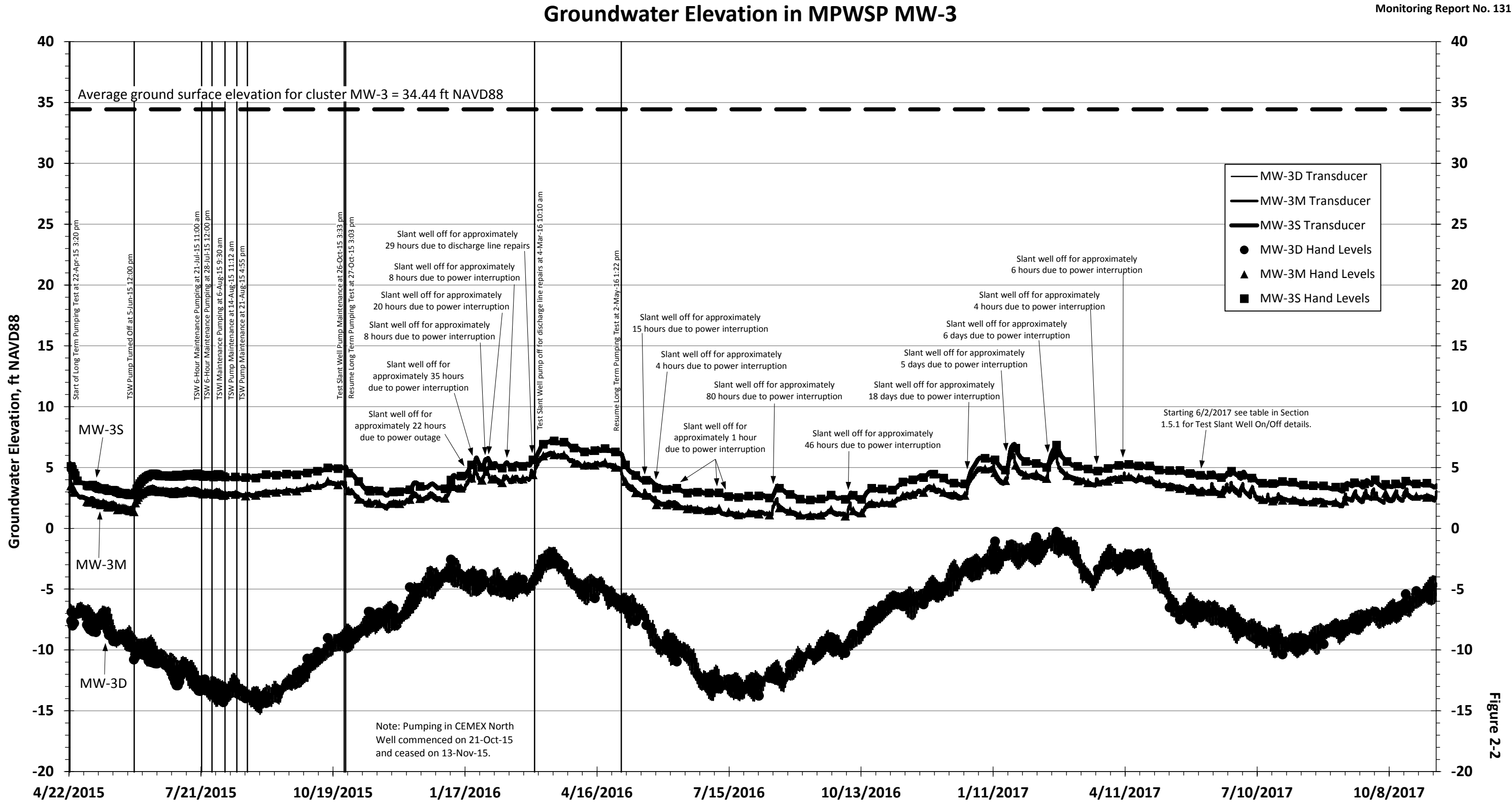


Figure 2-2

Groundwater Elevation, ft NAVD88

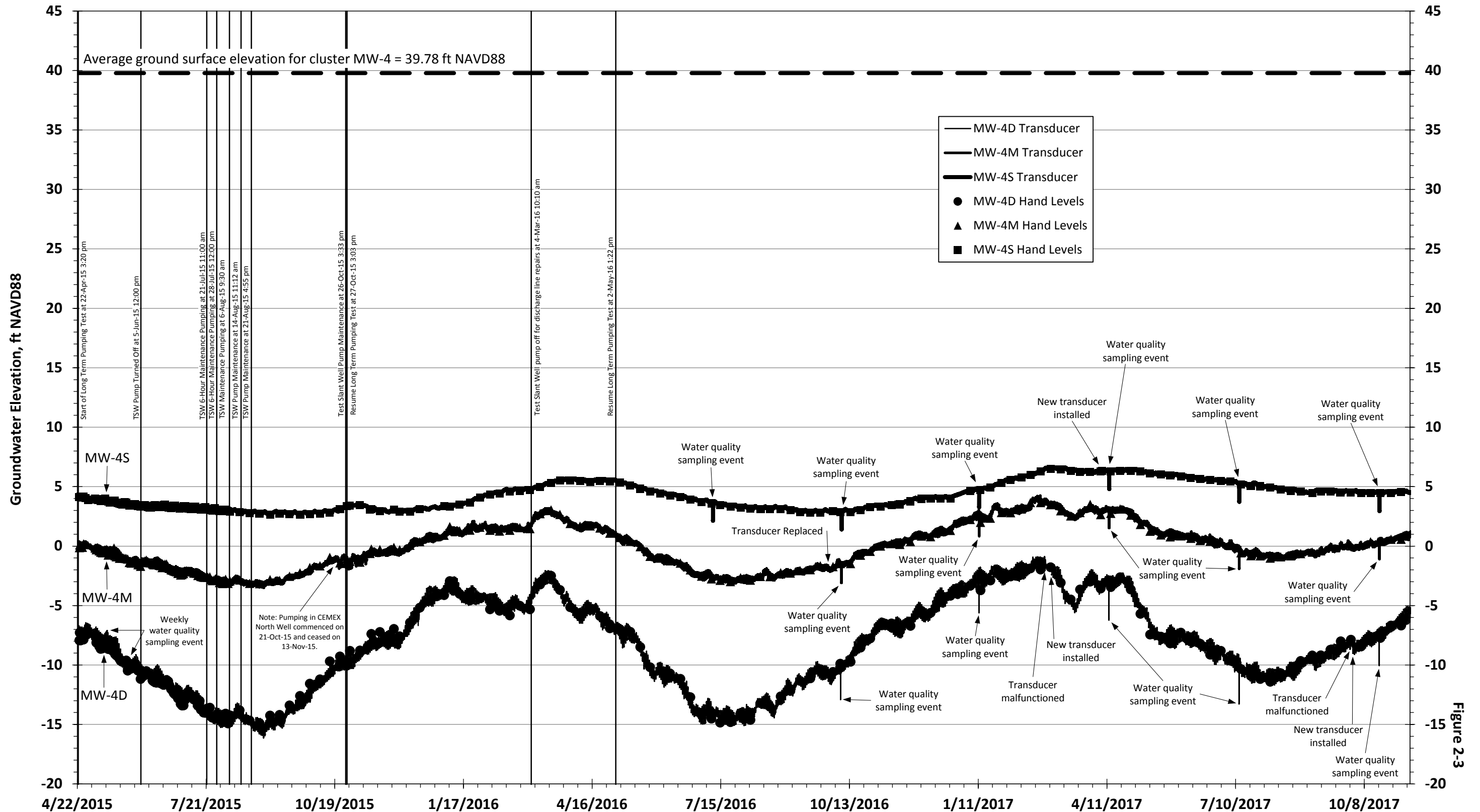
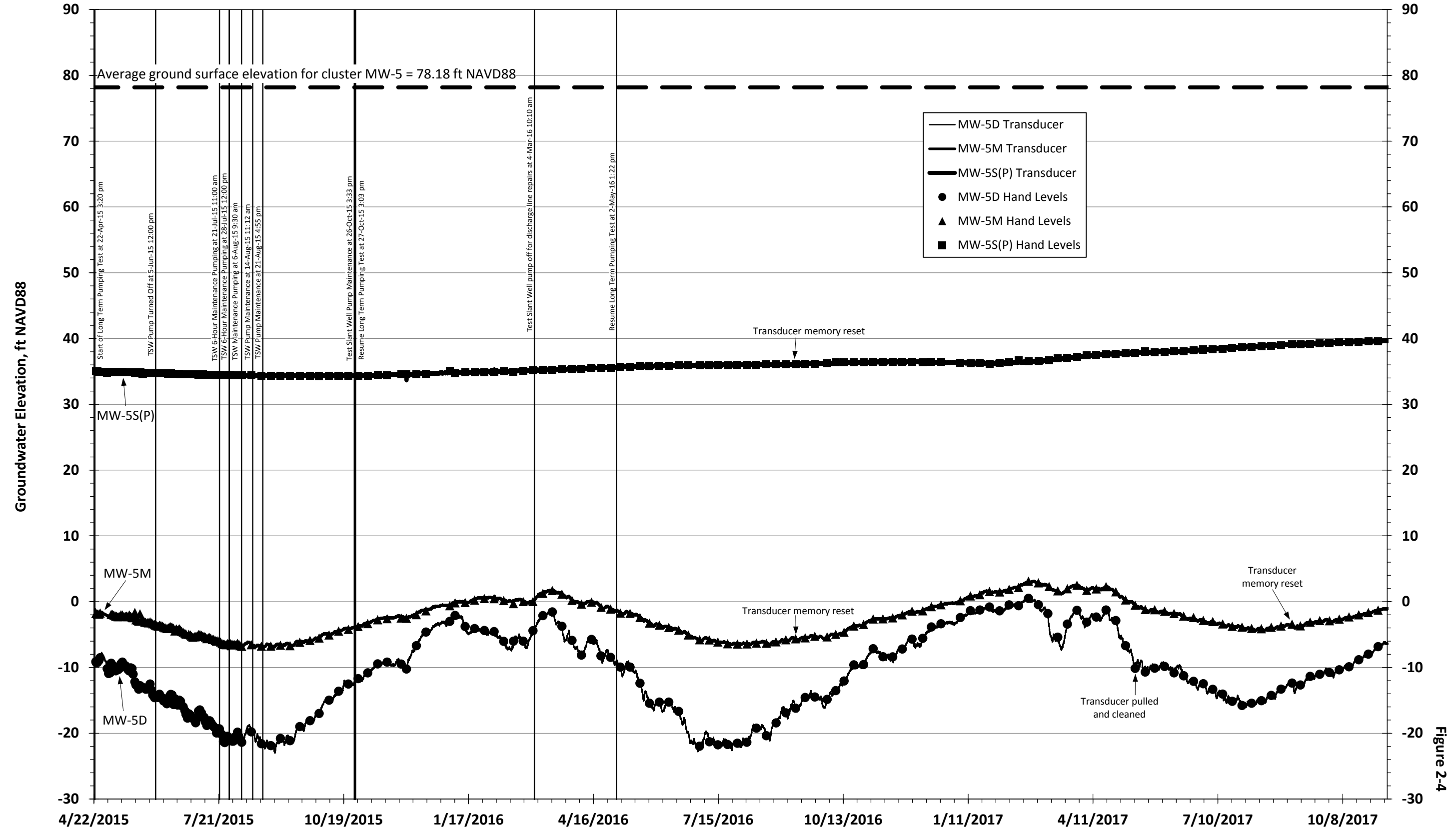


Figure 2-3

Groundwater Elevation in MPWSP MW-5



Groundwater Elevation in MPWSP MW-6

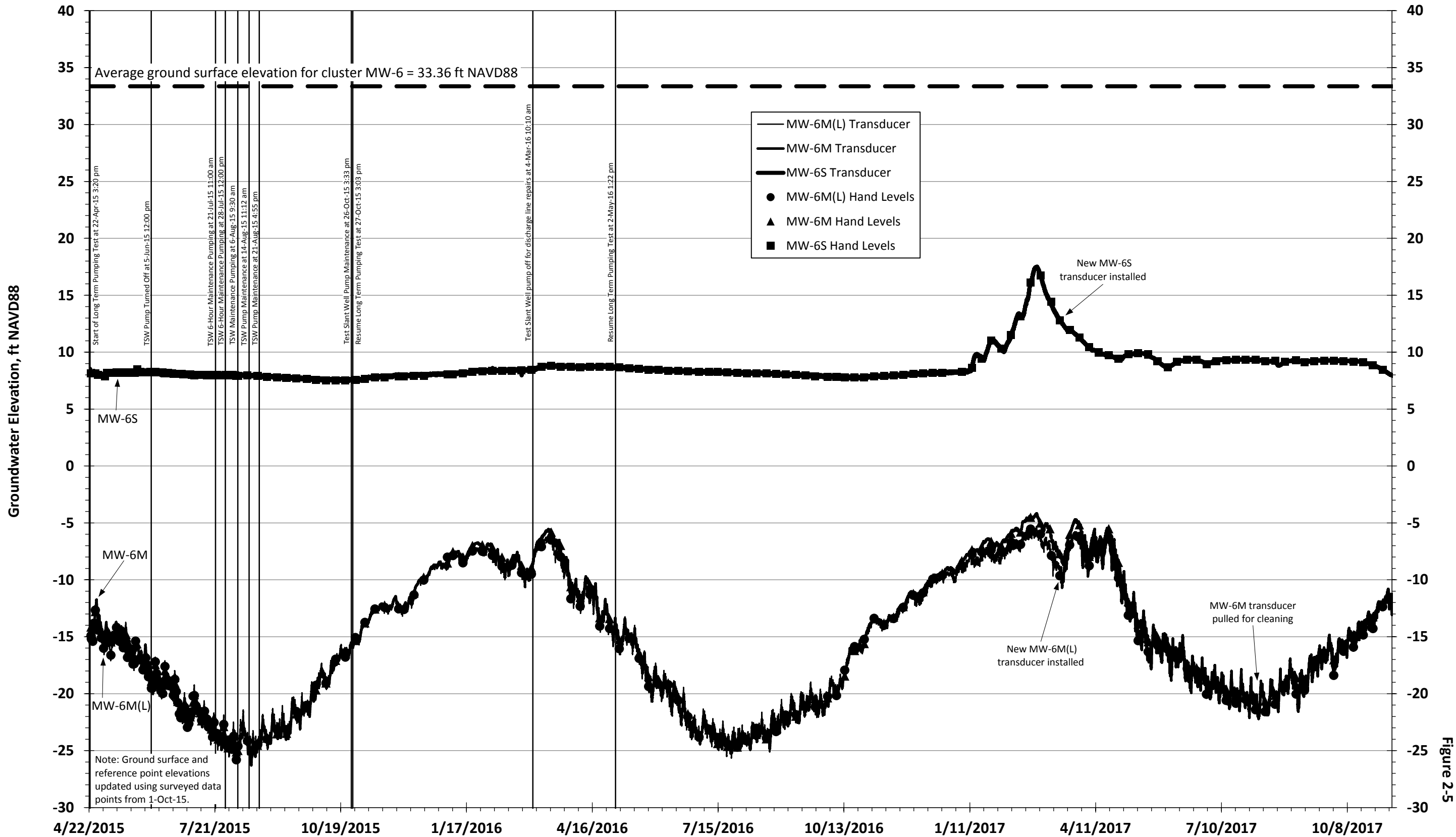


Figure 2-5

Groundwater Elevation in MPWSP MW-7

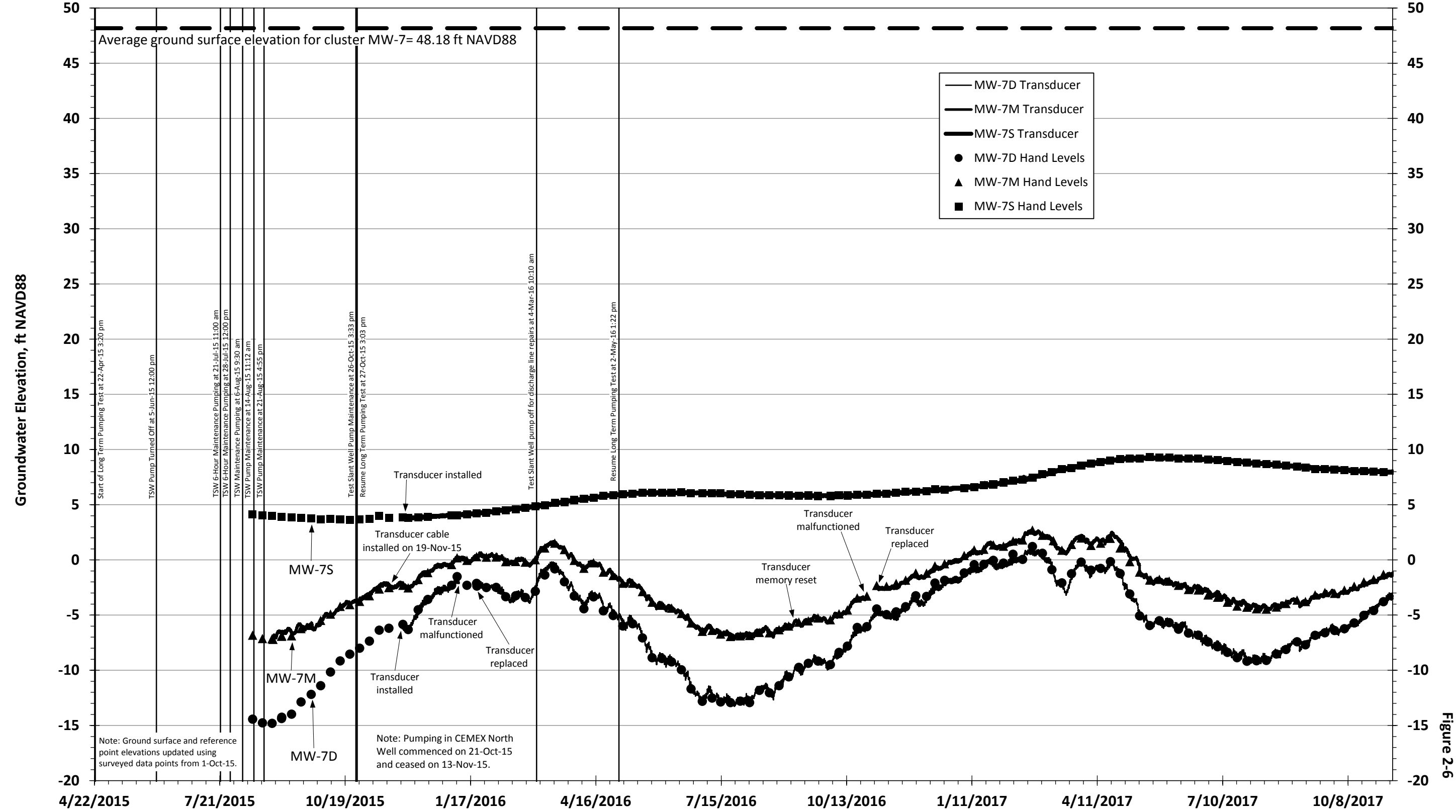
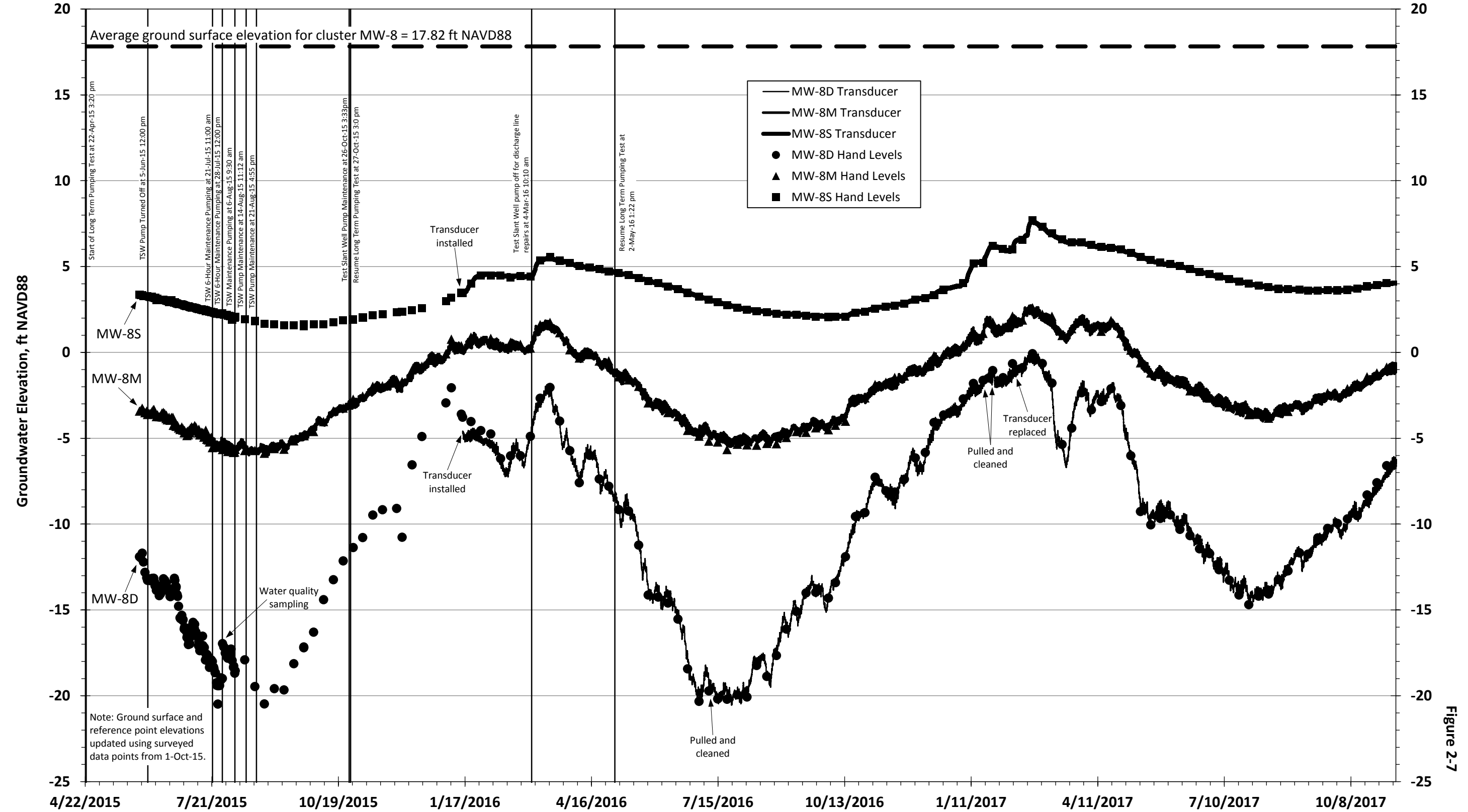
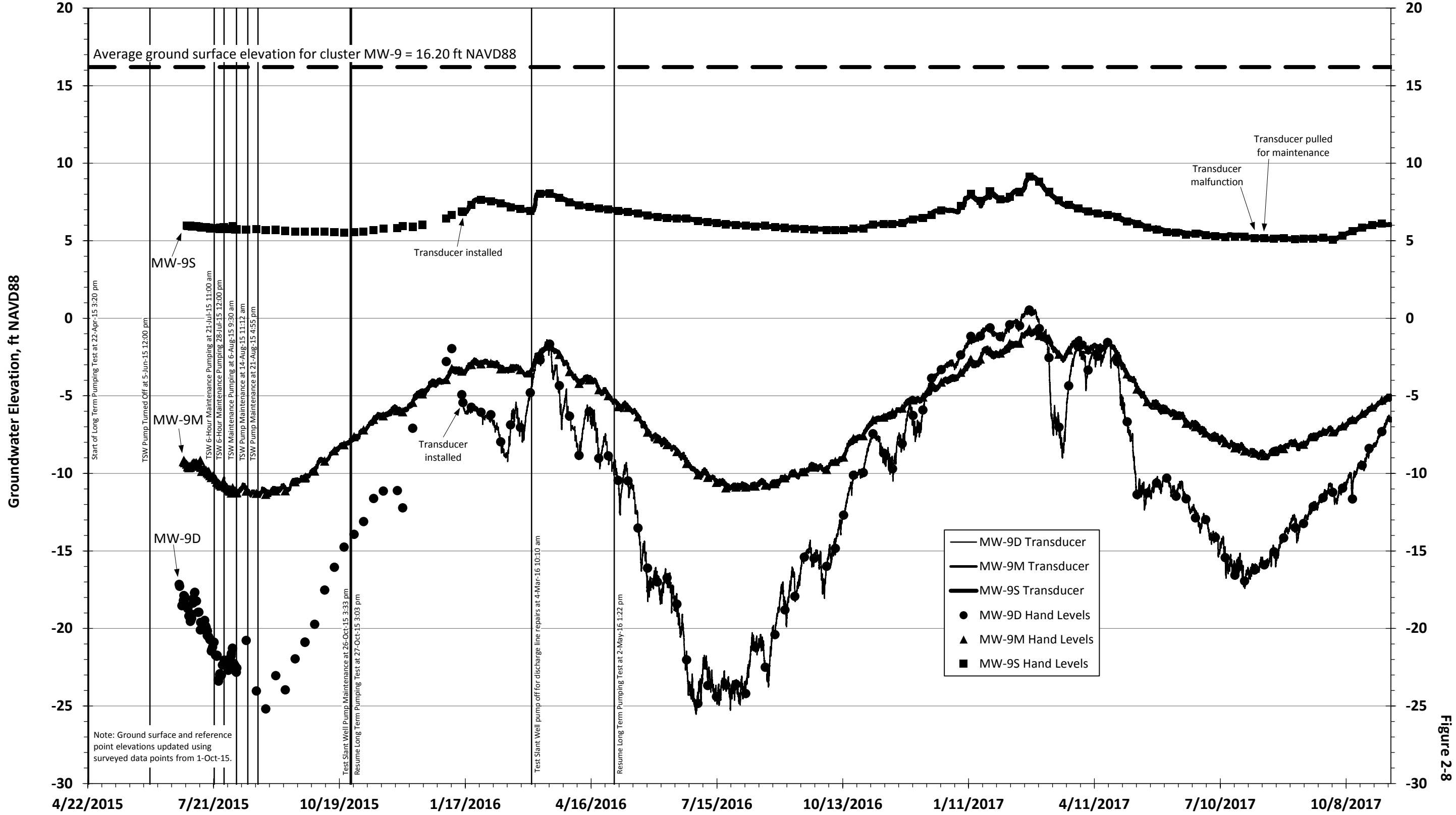


Figure 2-6

Groundwater Elevation in MPWSP MW-8



Groundwater Elevation in MPWSP MW-9



Groundwater Elevation in Monterey Regional Water Pollution Control Agency Wells

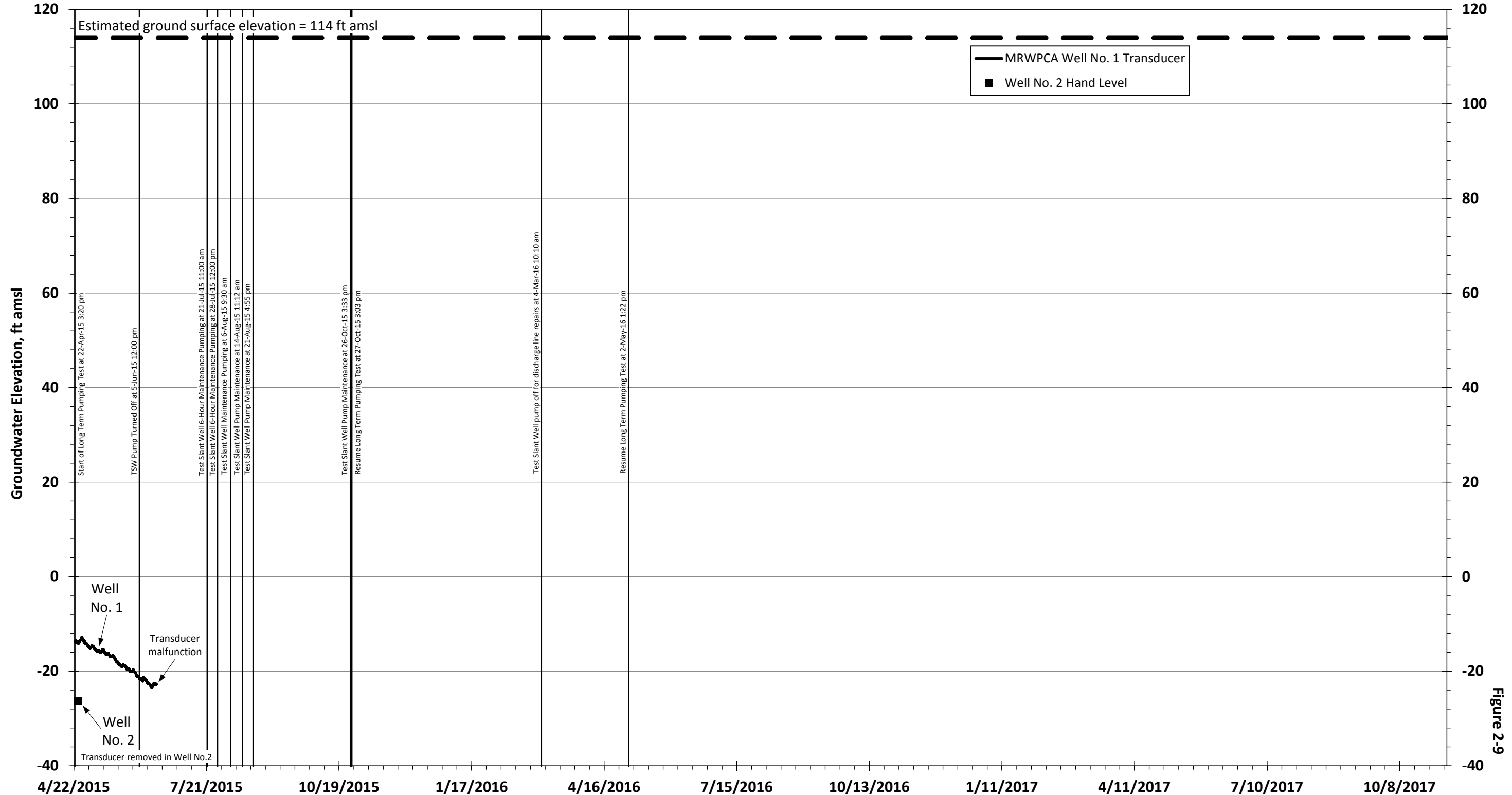


Figure 2-9

Surface Water Elevation in CEMEX Dredge Pond

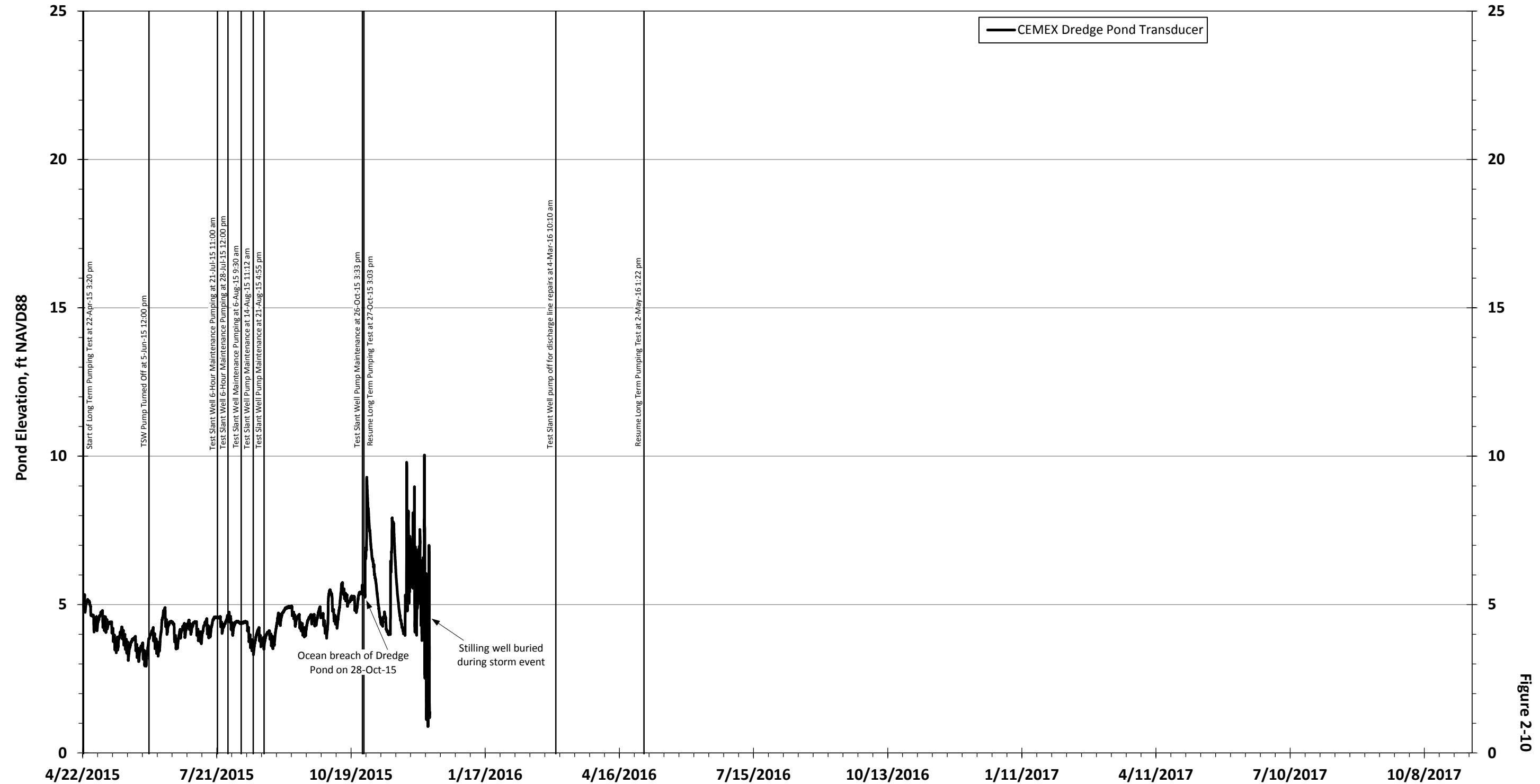


Figure 2-10

Groundwater Elevation in CEMEX North Well

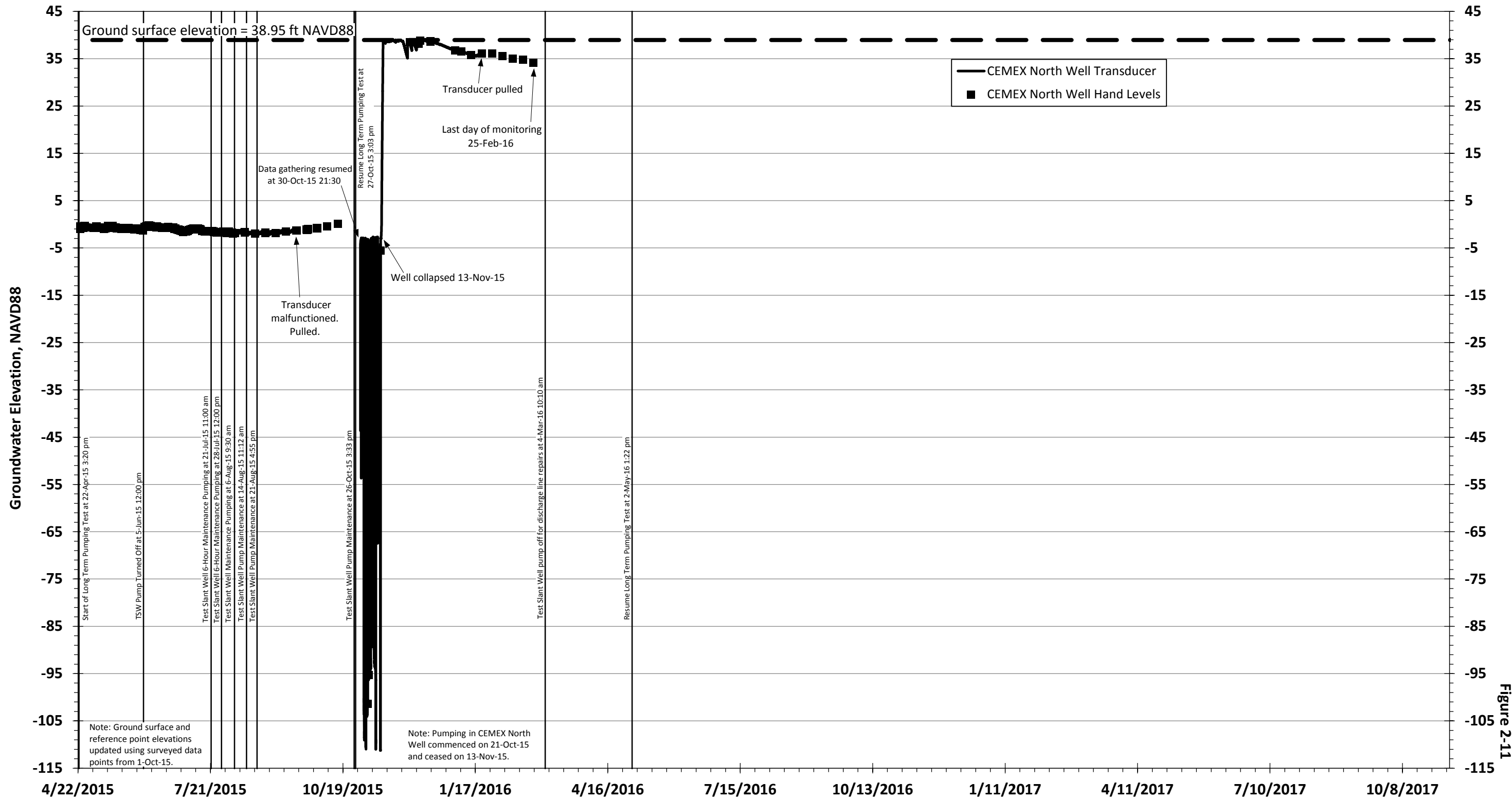
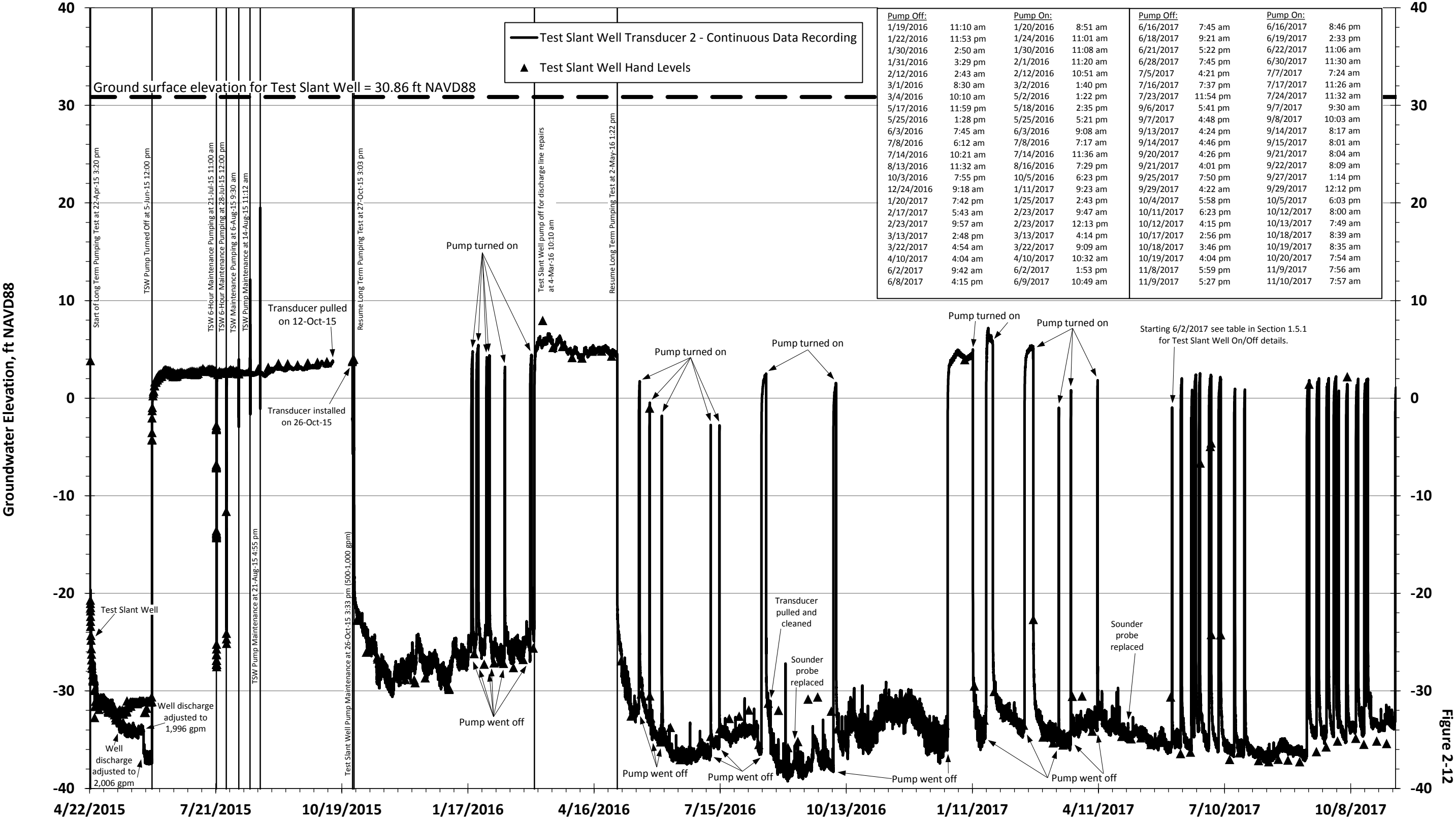


Figure 2-11

Groundwater Elevation in MPWSP Test Slant Well



Monitoring Report No. 131



Specific Conductivity in MPWSP MW-3

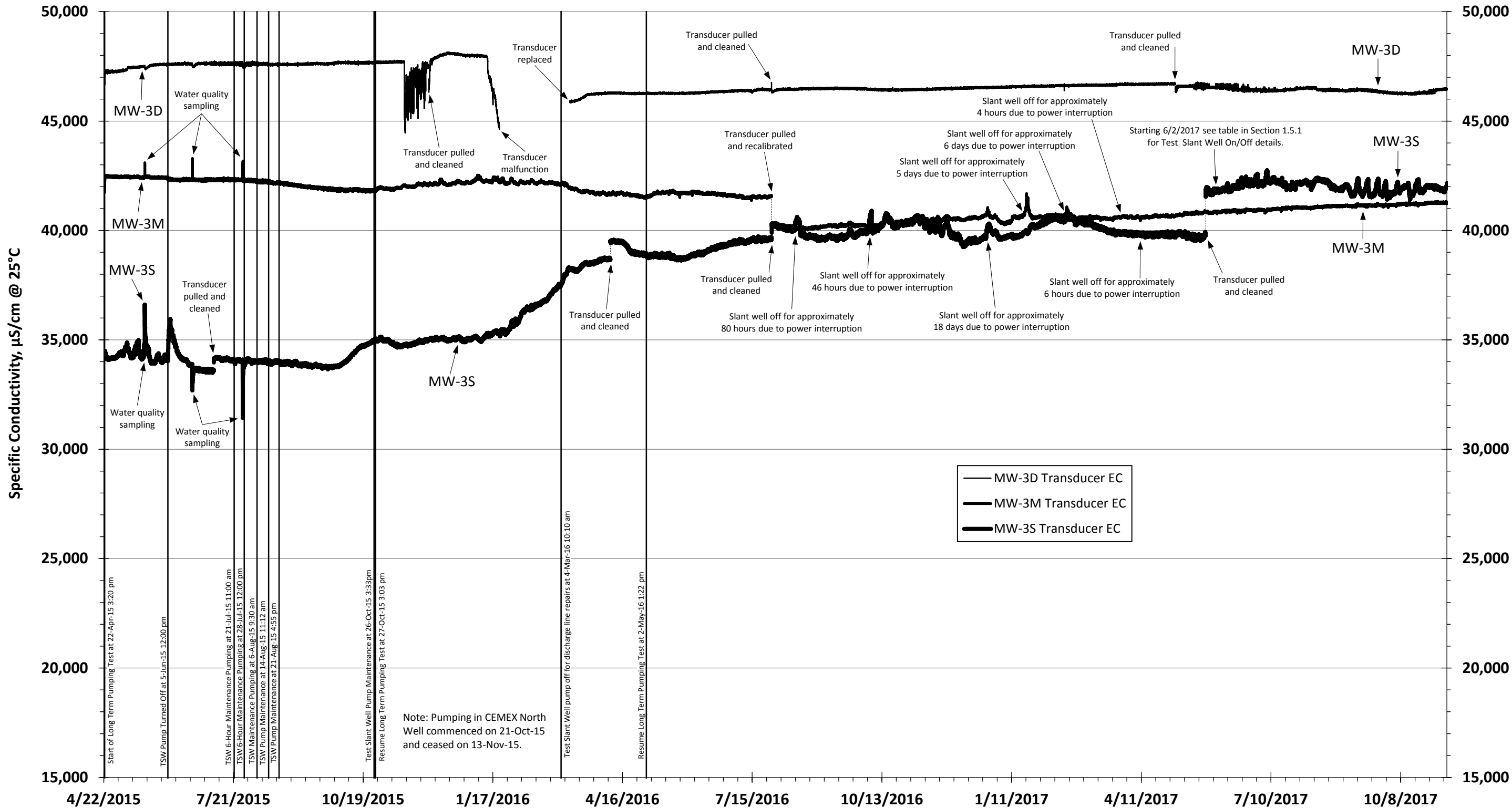


Figure 3-2

Specific Conductivity in MPWSP MW-4

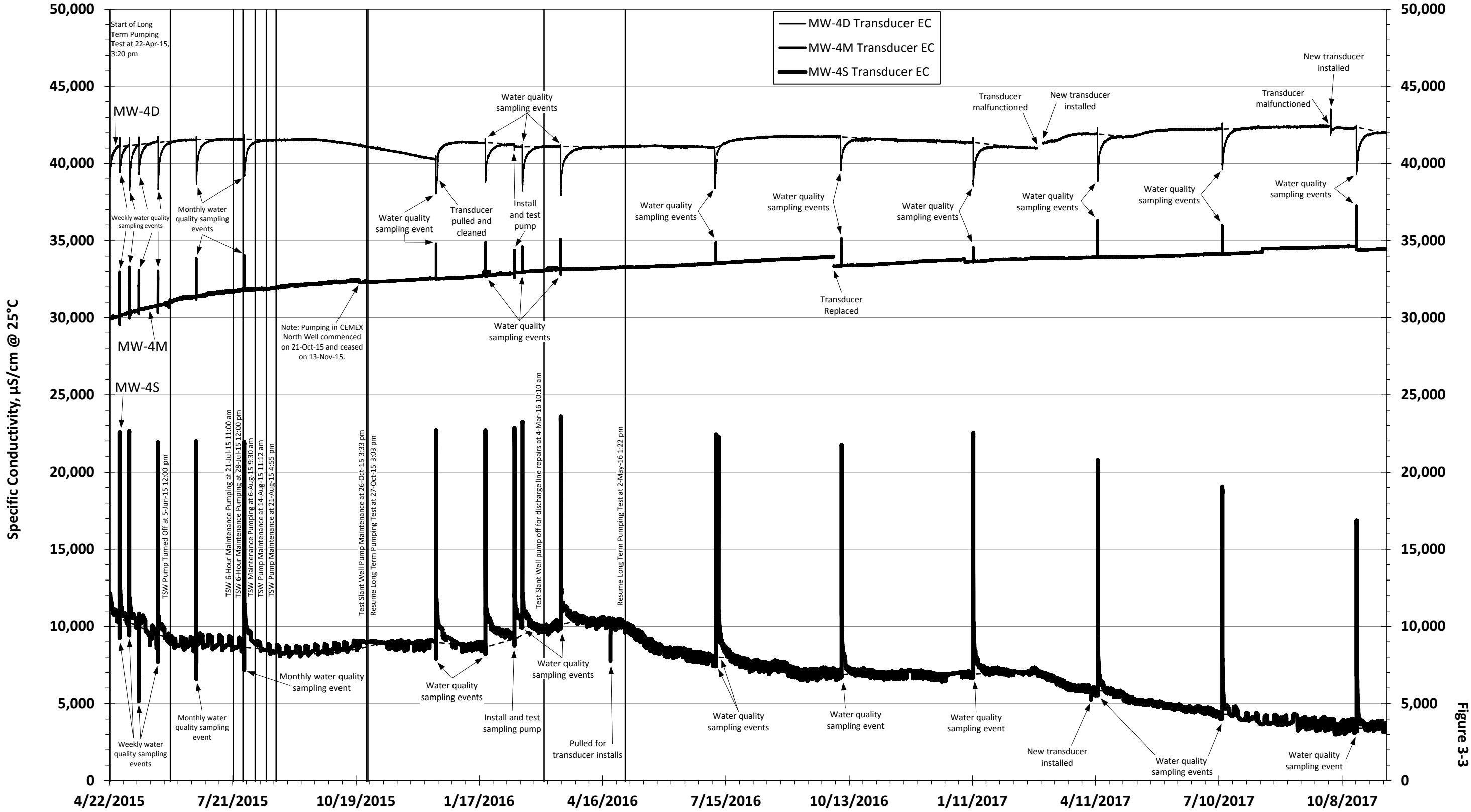
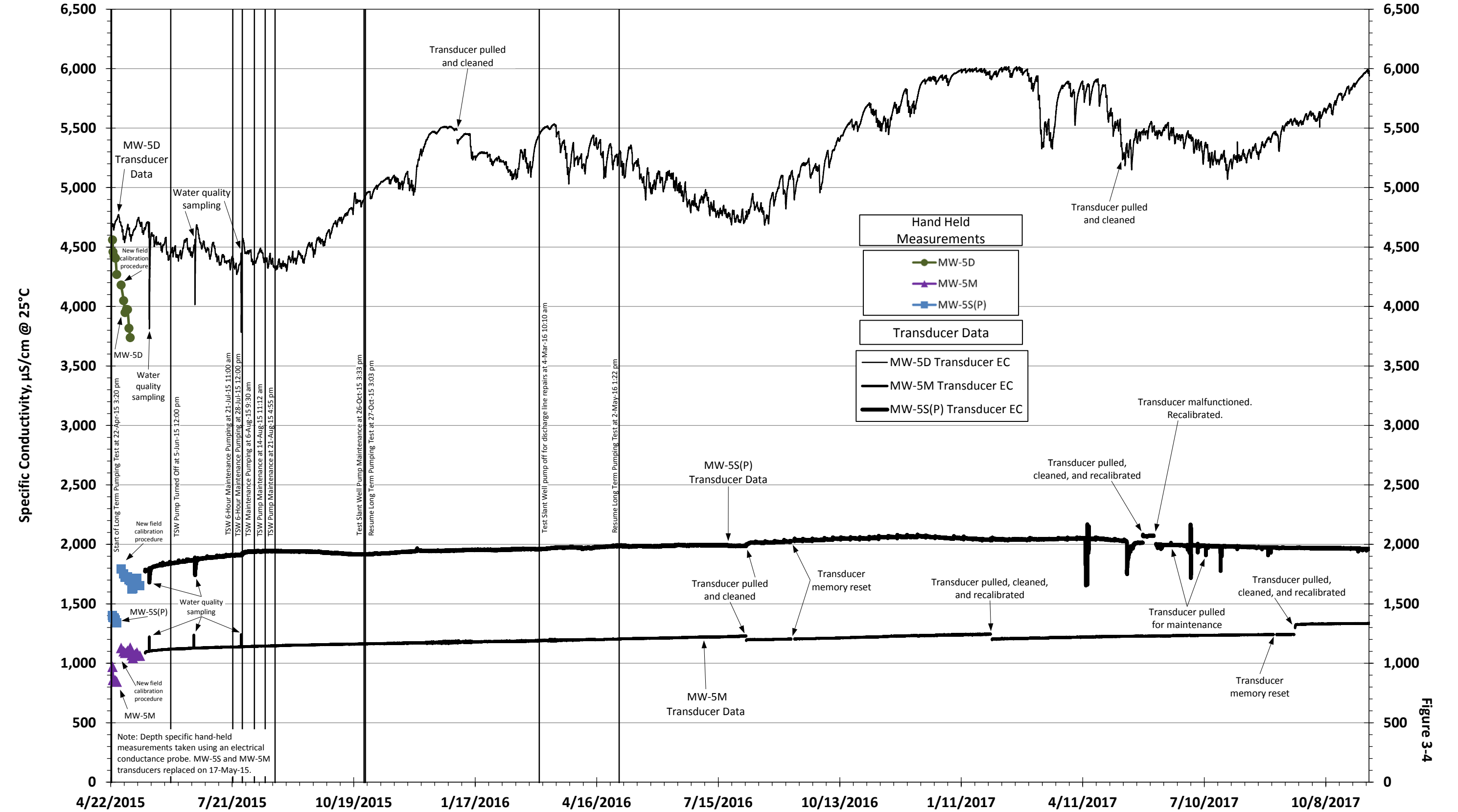


Figure 3-3

Specific Conductivity in MPWSP MW-5



Specific Conductivity in MPWSP MW-6

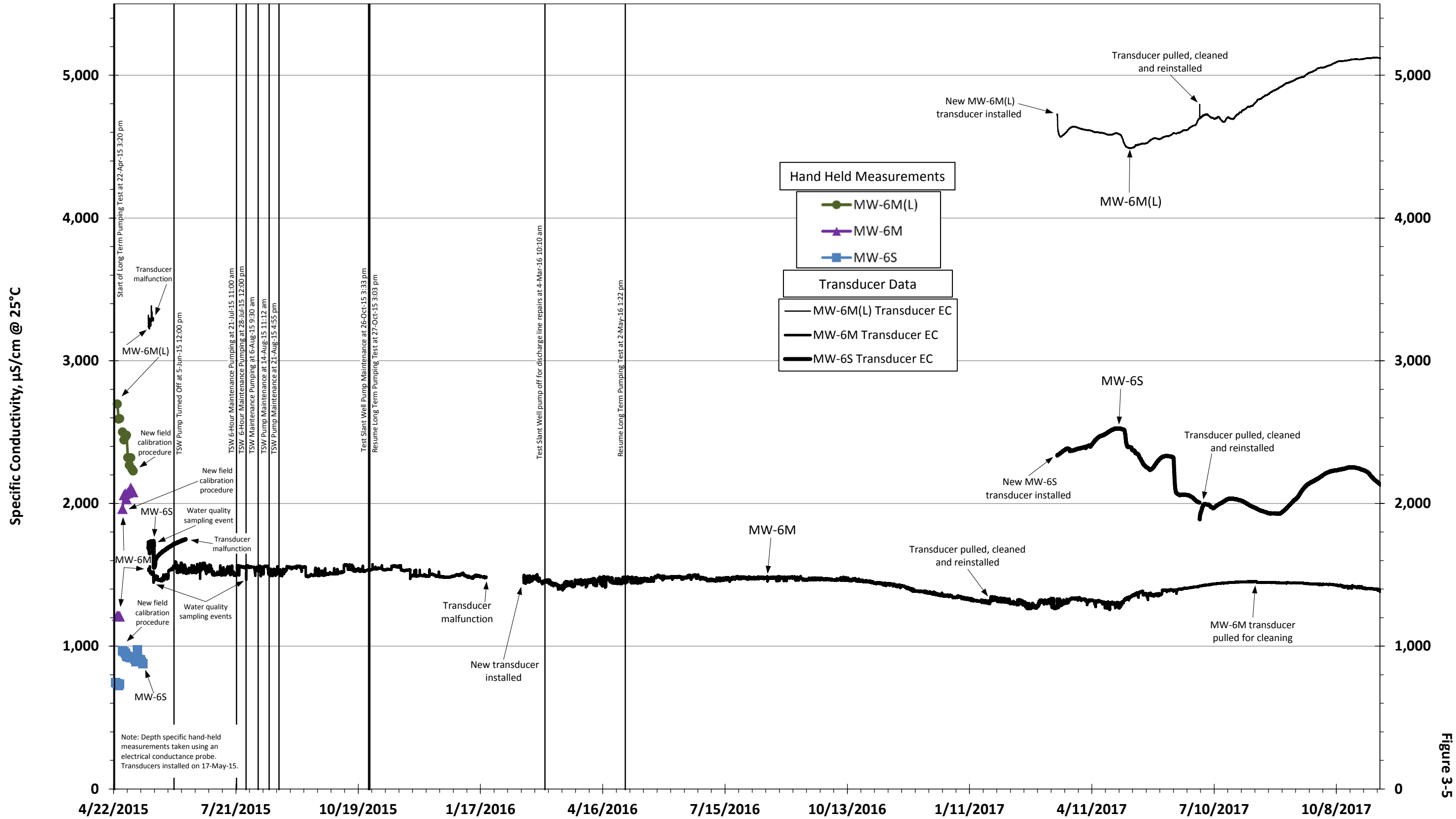


Figure 3-5

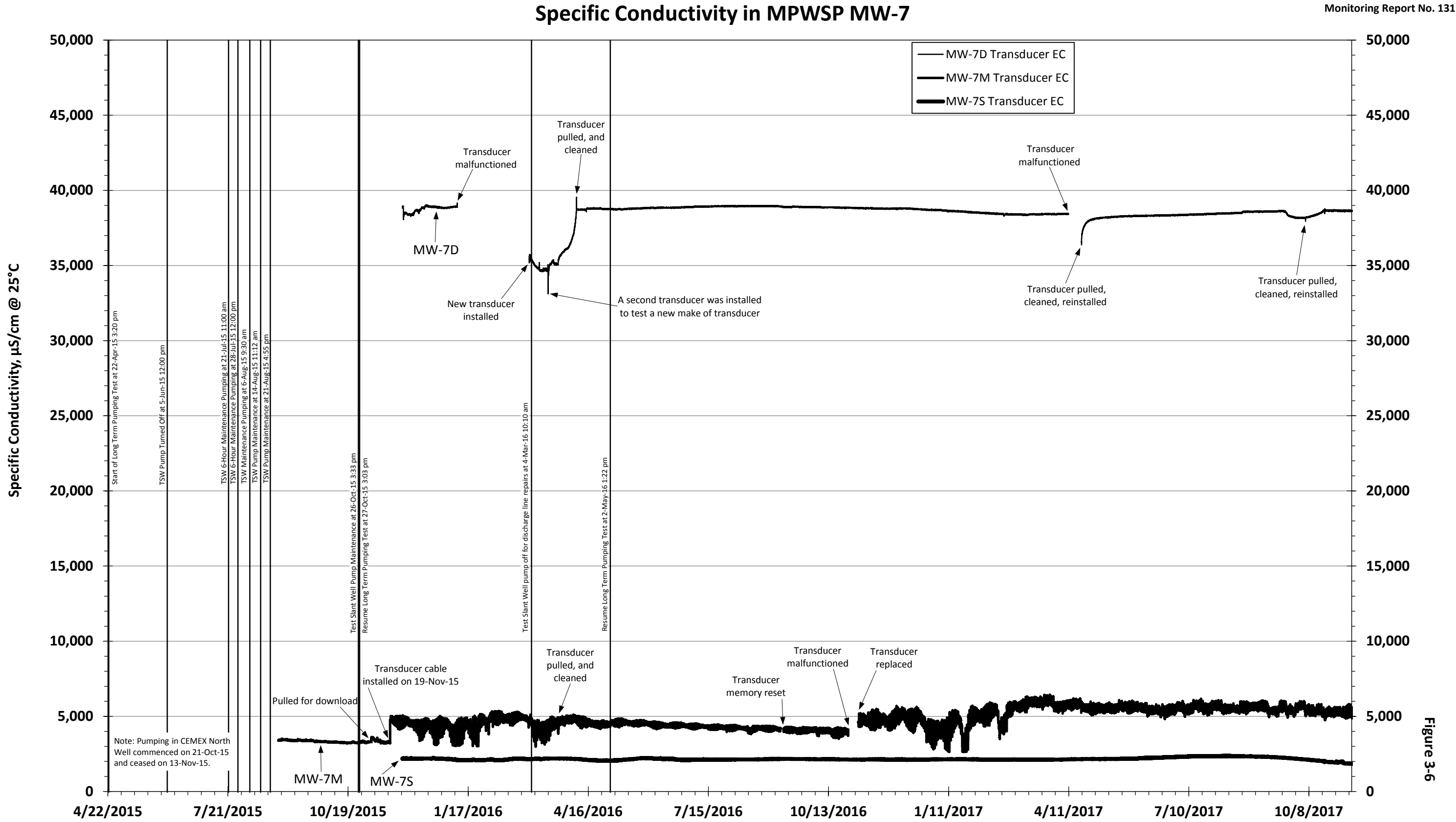


Figure 3-6

Specific Conductivity in MPWSP MW-8

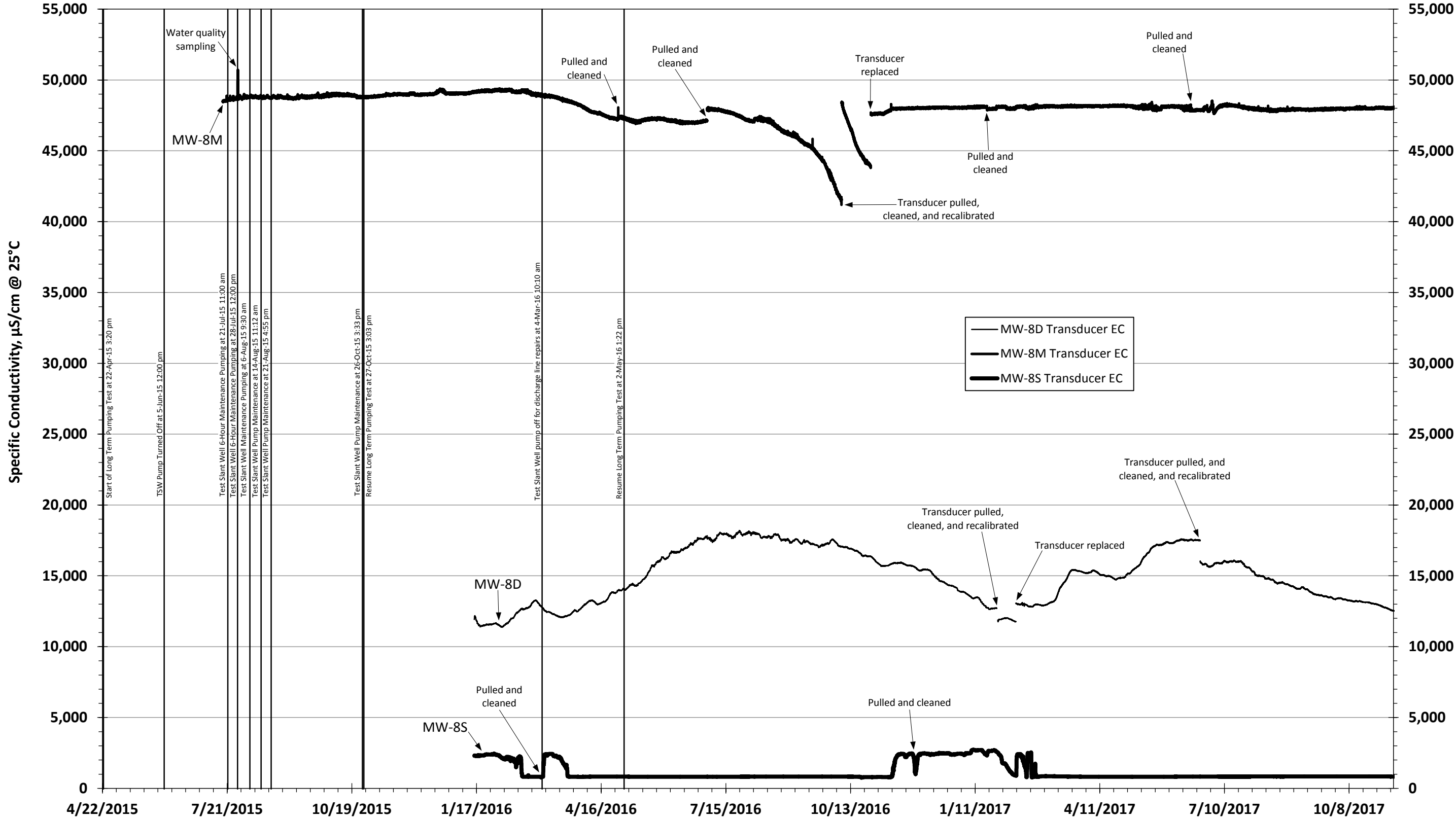


Figure 3-7

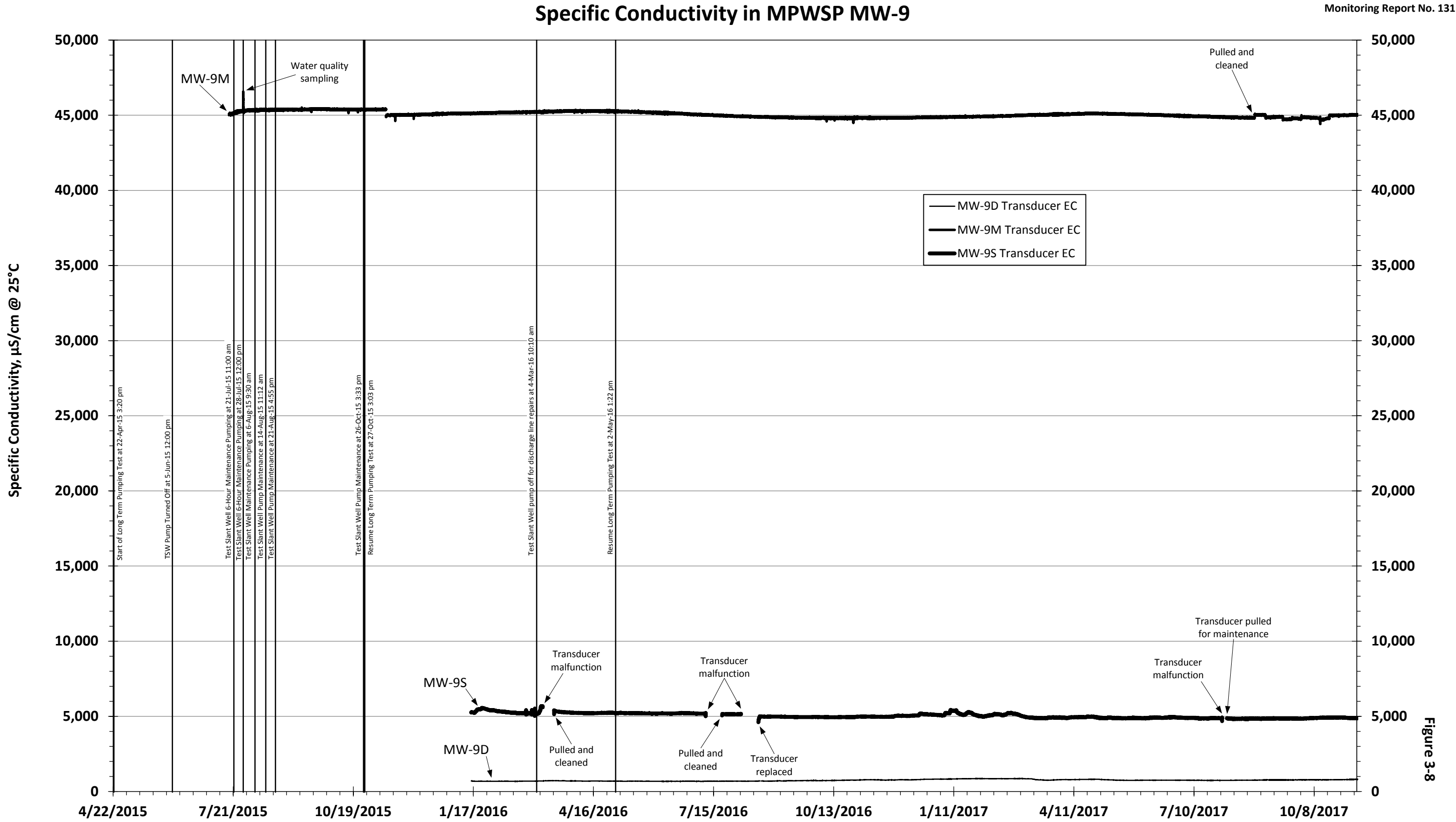


Figure 3-8

Specific Conductivity in Monterey Regional Water Pollution Control Agency Wells

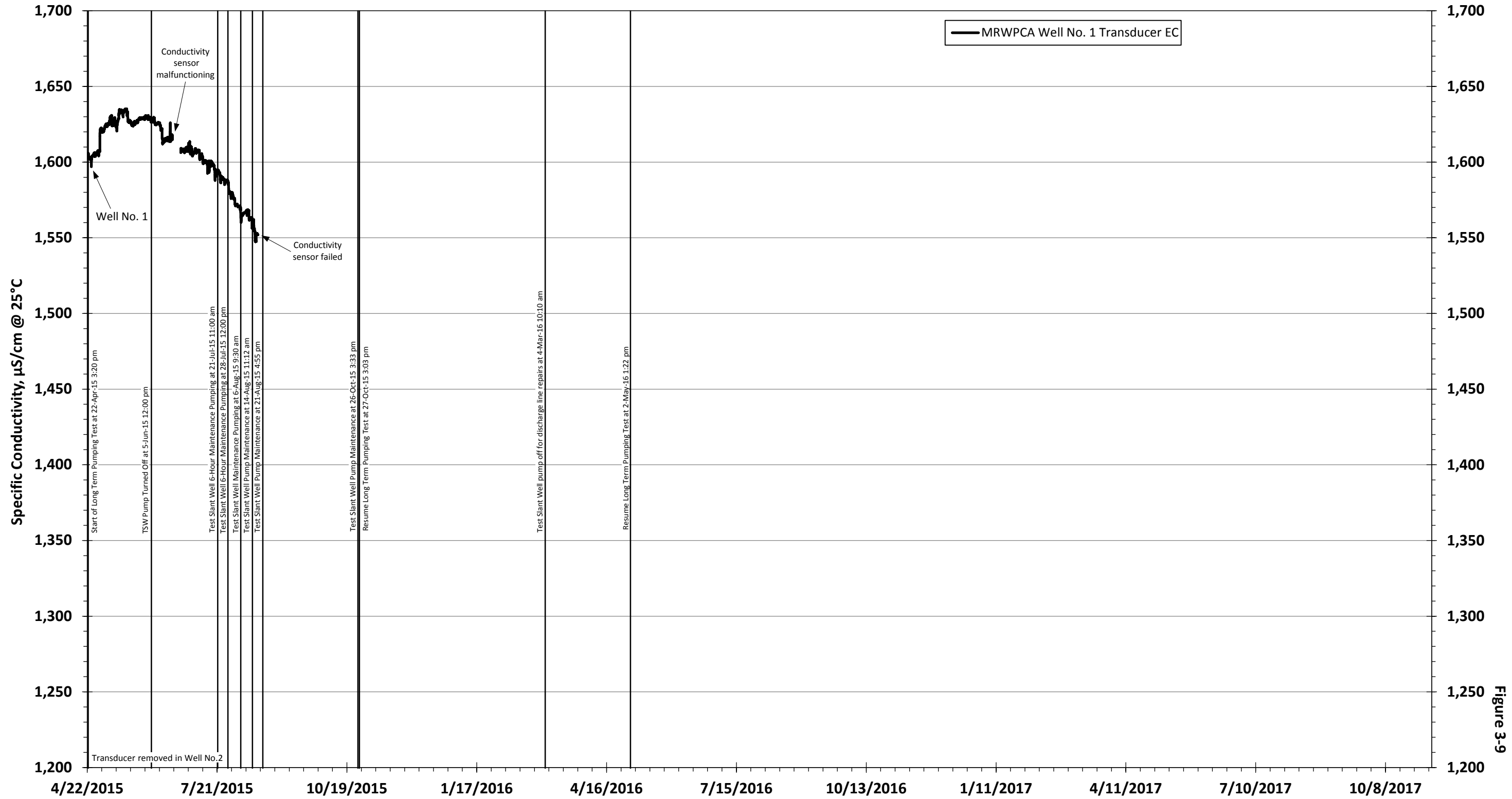
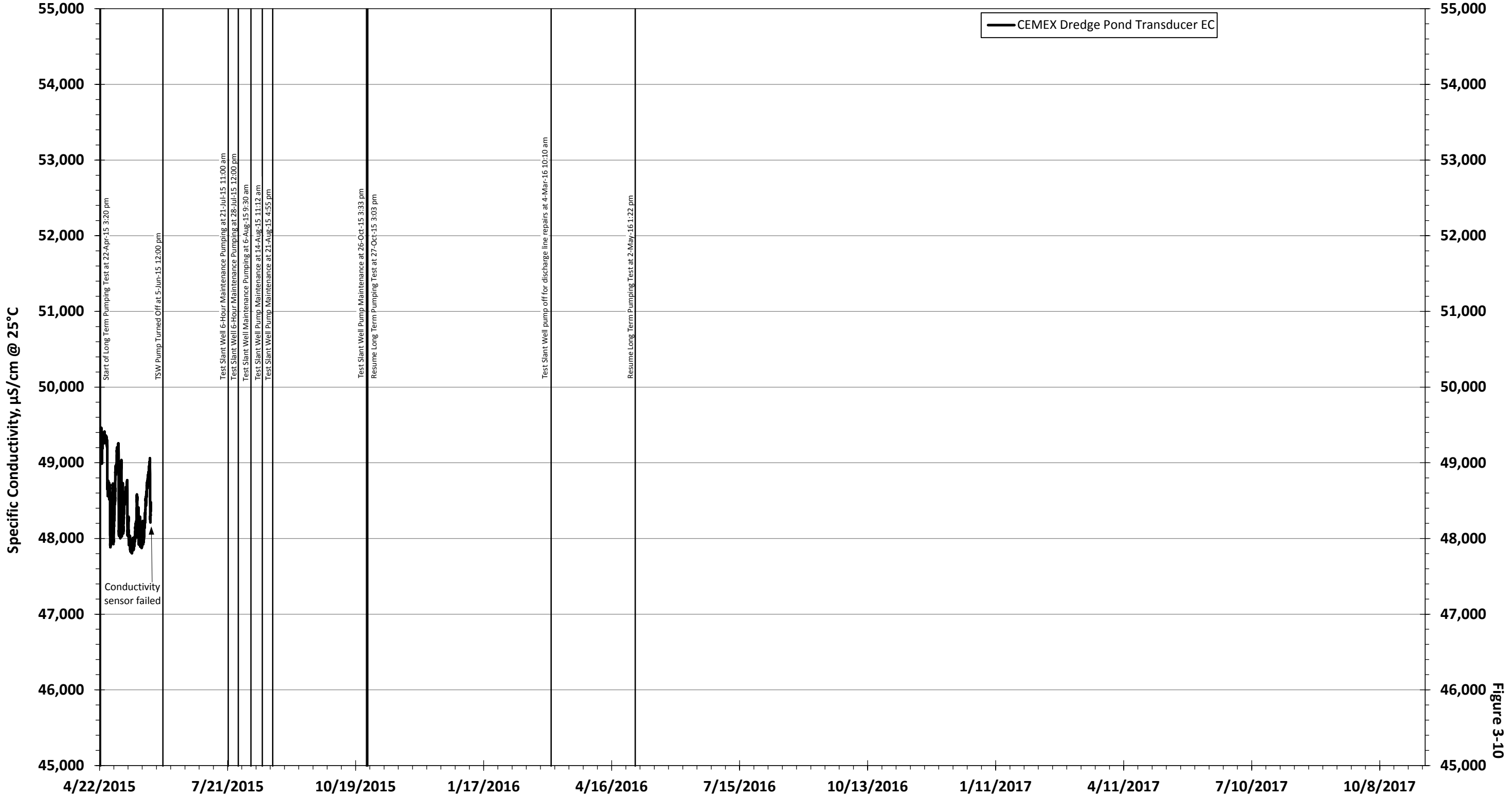


Figure 3-9

Specific Conductivity in CEMEX Dredge Pond



Specific Conductivity in CEMEX North Well

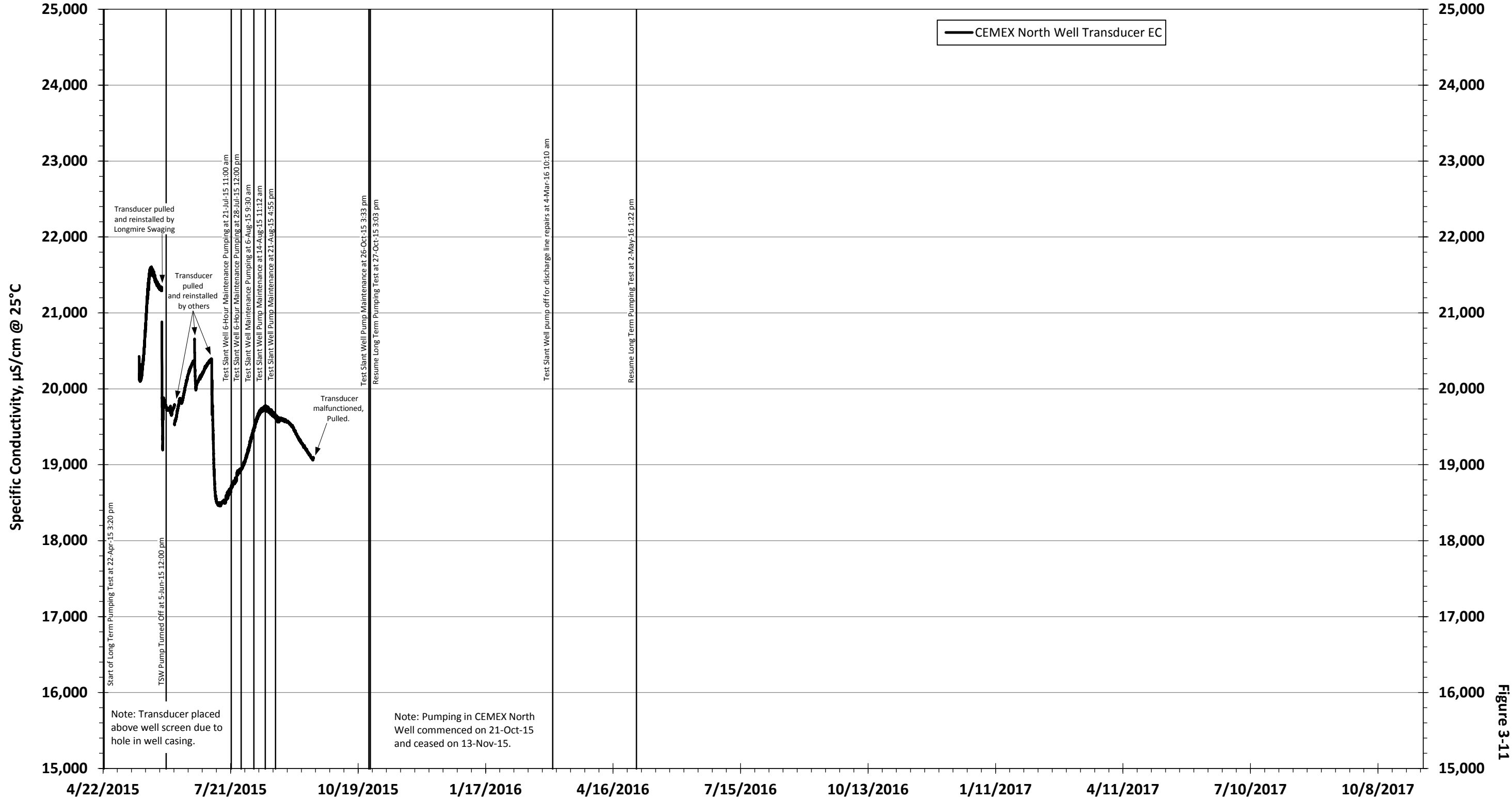
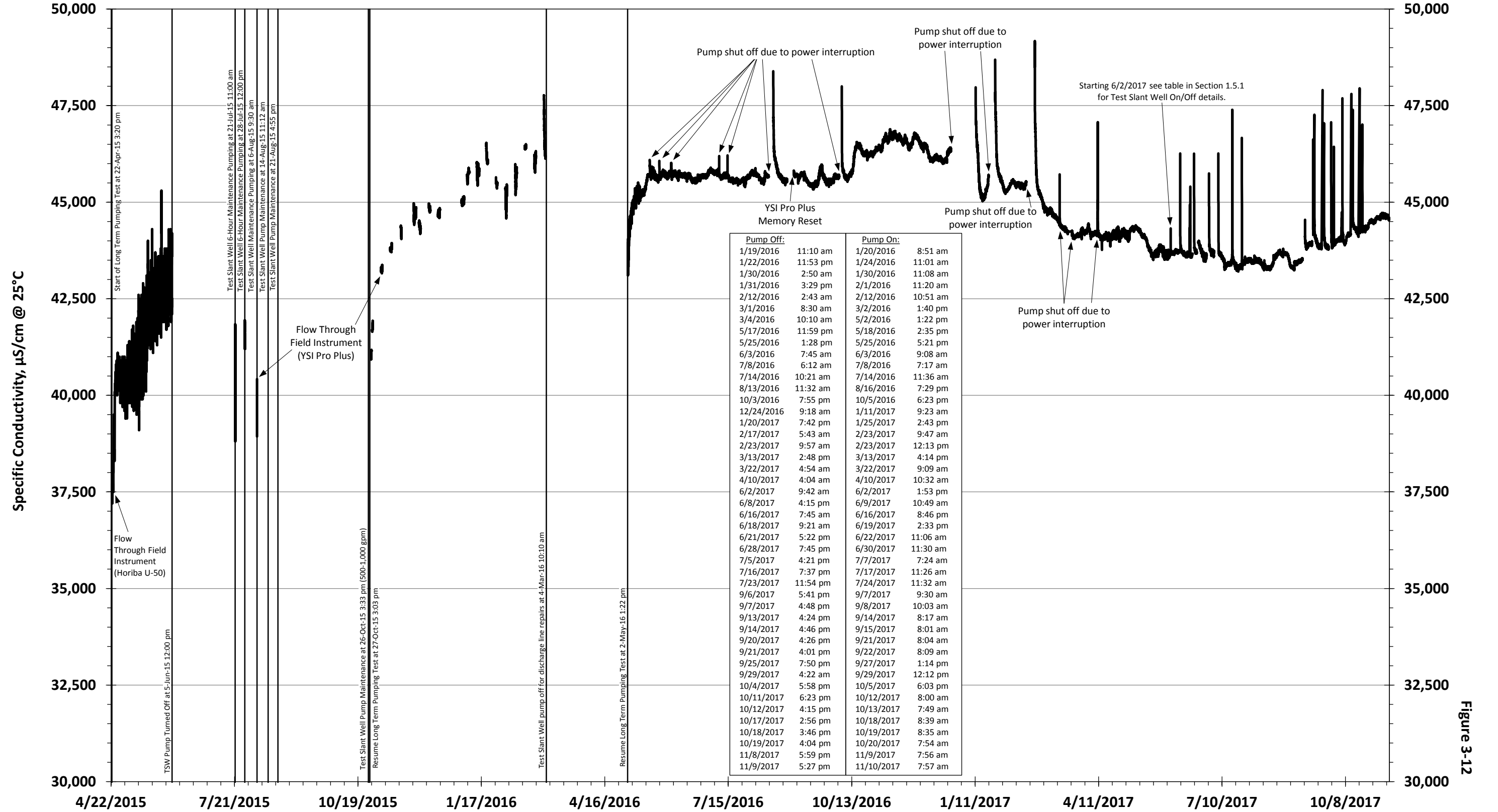


Figure 3-11

Specific Conductivity in MPWSP Test Slant Well



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 ⁴	CEMEX	Ground Surface	2,154,213.90	5,740,998.57	31 ft amsl (GS)	0	1,518	400	506	-	-	-	-

Horizontal Datum:	NAD83 State Plane Zone 4	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 351.0	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
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:			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 351.1	mg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Lead, Total	EPA 200.8	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Lithium	EPA 200.8	µg/L	145	162	128	142	150	135	145	142	152	162
Magnesium	EPA 200.7	mg/L	1,140	1,150	1,120	1,080	1,250	1,140	1,110	1,150	1,230	1,080
Magnesium, Dissolved	EPA 200.7	mg/L	1,150	1,160	1,100	1,090	1,200	1,140	1,160	1,150	1,200	1,010
Manganese, Dissolved	EPA 200.7	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Manganese, Total	EPA 200.7	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MBAS (Surfactants)	SM5540C	mg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Nitrate as 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
pg/L = Picograms per Liter
TON = Threshold Odor Number
µg/L = Micograms per Liter
µmhos/cm = Micromhos per Centimeter

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

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

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

Sample Collection Date:			10-Nov-16	17-Nov-16	23-Nov-16	1-Dec-16	8-Dec-16	15-Dec-16	21-Dec-16	12-Jan-17	19-Jan-17	26-Jan-17
Constituent	Method	Units	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
Alkalinity, Total (as CaCO3)	SM2320B	mg/L	113	115	114	112	106	111	112	107	112	117
Aluminum, Total	EPA 200.8	µg/L	ND	ND	ND	ND	ND	ND	55	160	ND	ND
Ammonia-N, Dissolved	SM4500NH3 D & EPA 350.1	mg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Arsenic, Total ¹	EPA 200.8	µg/L	-	-	-	-	-	-	-	-	-	-
Arsenic, Total	EPA 1640	µg/L	0.25	0.27	0.27	0.26	0.21	0.22	0.26	0.20	0.21	0.28
Barium, Dissolved	EPA 200.8	µg/L	ND	ND	ND	ND	69	ND	65	66	ND	ND
Bicarbonate (as HCO3-)	SM2320B	mg/L	138	140	139	137	129	135	137	131	137	143
Boron, Dissolved	EPA 200.7	mg/L	3.73	3.84	3.29	3.42	3.09	3.10	3.73	3.2	3.30	3.42
Bromide, Dissolved	EPA 300.0	mg/L	53.0	50	52	54	51	54	57	56.7	55.8	58.6
Calcium	EPA 200.7	mg/L	493	517	462	532	540	549	542	407	481	467
Calcium, Dissolved	EPA 200.7	mg/L	503	531	453	536	539	529	543	401	485	466
Carbamates by HPLC (EPA 531)	EPA 531	µg/L	-	-	-	-	-	-	-	-	-	-
Carbonate as CaCO3	SM2320B	mg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloride, Dissolved	EPA 300.0	mg/L	17,651	17,082	17,145	17,215	17,283	18,271	16,460	16,984	16,509	17,164
Chlorinated Pesticides and PCB (EPA 508)	EPA 508	µg/L	-	-	-	-	-	-	-	-	-	-
Color, Apparent (Unfiltered)	SM2120B	Color Units	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Copper	EPA 200.7	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Copper, Total	EPA 200.8	µg/L	-	-	-	-	-	-	-	-	-	-
DBCP & EDB	EPA 504.1	µg/L	-	-	-	-	-	-	-	-	-	-
Dioxin	EPA 1613	pg/L	-	-	-	-	-	-	-	-	-	-
Diquat (EPA 549)	EPA 549	µg/L	-	-	-	-	-	-	-	-	-	-
Dissolved Anions	Calculation	Meq/L	540.88	527.60	533.74	528.40	541.73	569.71	518.18	532.63	523.58	537.43
Total Anions	Calculation	Meq/L	540.88	527.60	533.74	528.40	541.73	569.71	518.18	532.63	523.58	537.43
Dissolved Cations	Calculation	Meq/L	545.78	565.18	540.61	582.47	562.53	557.54	555.00	506.56	514.77	517.04
Total Cations	Calculation	Meq/L	536.10	570.96	527.00	558.83	559.45	569.62	580.06	509.59	505.75	518.85
Fluoride, Dissolved	EPA 300.0	mg/L	0.5	0.8	0.9	0.5	1.0	0.9	1.2	0.9	ND	1.0
Hardness (as CaCO3)	SM2340B/Calc	mg/L	6,185	6,401	5,601	6,344	6,451	6,452	6,542	5,678	5,961	6,050
Hydroxide	SM2320B	mg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Iodide	EPA 9056M	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Iron	EPA 200.7	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Iron, Dissolved	EPA 200.7	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
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	-	-	-	-	-	-	-	-	-	-

Notes:

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

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

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

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

Sample Collection Date:			2-Feb-17	9-Feb-17	15-Feb-17	24-Feb-17	1-Mar-17	8-Mar-17	15-Mar-17	23-Mar-17	29-Mar-17	5-Apr-17
Constituent	Method	Units	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
Alkalinity, Total (as CaCO3)	SM2320B	mg/L	114	117	113	110	113	112	110	109	107	108
Aluminum, Total	EPA 200.8	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Ammonia-N, Dissolved	SM4500NH3 D & 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	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	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
Constituent	Method	Units	Result	Result	Result	Result	Result	Result	Result	Result
Alkalinity, Total (as CaCO3)	SM2320B	mg/L	114	115	114	114	112	113	114	113
Aluminum, Total	EPA 200.8	µg/L	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
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
Barium, Dissolved	EPA 200.8	µg/L	ND	ND	ND	ND	ND	ND	ND	ND
Bicarbonate (as HCO3-)	SM2320B	mg/L	139	140	139	139	137	138	139	138
Boron, Dissolved	EPA 200.7	mg/L	3.39	3.68	3.80	2.67	3.20	3.00	3.30	3.00
Bromide, Dissolved	EPA 300.0	mg/L	53.2	56.1	56.1	53.7	56.0	56.0	57.7	57.8
Calcium	EPA 200.7	mg/L	759	404	535	535	520	440	476	580
Calcium, Dissolved	EPA 200.7	mg/L	824	456	499	515	450	410	502	458
Carbamates by HPLC (EPA 531)	EPA 531	µg/L	-	-	-	-	-	-	-	-
Carbonate as CaCO3	SM2320B	mg/L	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
Chlorinated Pesticides and PCB (EPA 508)	EPA 508	µg/L	-	-	-	-	-	-	-	-
Color, Apparent (Unfiltered)	SM2120B	Color Units	ND	ND	ND	ND	ND	3	ND	ND
Copper	EPA 200.7	µg/L	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
Total Anions	Calculation	Meq/L	520.32	512.79	506.32	503.25	515.78	504.91	515.40	532.93
Dissolved Cations	Calculation	Meq/L	497.84	515.38	516.67	517.83	447.57	458.17	512.27	482.68
Total Cations	Calculation	Meq/L	508.00	529.94	548.05	516.68	521.57	460.18	488.57	506.41
Fluoride, Dissolved	EPA 300.0	mg/L	0.6	0.5	0.6	0.7	0.5	0.7	0.7	0.7
Hardness (as CaCO3)	SM2340B/Calc	mg/L	6,200	5,750	6,210	5,980	6,240	5,220	5,260	5,780
Hydroxide	SM2320B	mg/L	ND	ND	ND	ND	ND	ND	ND	ND
Iodide	EPA 9056M	µg/L	ND	ND	ND	ND	ND	ND	ND	ND
Iron	EPA 200.7	µg/L	ND	ND	ND	ND	ND	ND	ND	ND
Iron, Dissolved	EPA 200.7	µg/L	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
Lead, Total	EPA 200.8	µg/L	ND	ND	ND	ND	ND	ND	ND	ND
Lithium	EPA 200.8	µg/L	214	226	170	153	200	169	172	171
Magnesium	EPA 200.7	mg/L	1,068	1,030	1,180	1,130	1,200	1,000	988	1,050
Magnesium, Dissolved	EPA 200.7	mg/L	1,024	918	1,120	1,110	990	1,000	1,050	1,020
Manganese, Dissolved	EPA 200.7	µg/L	ND	ND	ND	ND	ND	ND	ND	ND
Manganese, Total	EPA 200.7	µg/L	ND	ND	ND	ND	ND	ND	ND	ND
MBAS (Surfactants)	SM5540C	mg/L	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
Nitrate as NO3	EPA 300.0	mg/L	5	6	7	6	7	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
Nitrite as NO2-N, Dissolved	EPA 300.0	mg/L	ND	ND	ND	ND	ND	ND	ND	ND
Odor Threshold at 60 C	SM2150B	TON	1	1	2	1	1	1	2	4
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
pH (Field Test)	SM4500-H+B	pH	7.00	7.01	7.17	7.17	7.06	7.04	7.04	7.30
pH (Laboratory)	SM4500-H+B	pH (H)	7.4	7.2	7.2	7.2	7.2	6.7	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	0.07	0.07	0.08	0.08
Potassium	EPA 200.7	mg/L	279	290	311	283	380	310	266	340
Potassium, Dissolved	EPA 200.7	mg/L	269	269	283	295	510	460	279	274
QC Ratio TDS/SEC	Calculation	-	0.67	0.68	0.68	0.66	0.67	0.66	0.69	0.70
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
Silica as SiO2, Dissolved	EPA 200.7	mg/L	14	12	10	13	13	13	9	ND
Sodium	EPA 200.7	mg/L	8,623	9,600	9,570	8,960	8,900	8,000	8,660	8,790
Sodium, Dissolved	EPA 200.7	mg/L	8,404	9,430	9,020	9,040	7,600	7,900	9,050	8,480
Specific Conductance (E.C)	SM2510B	µmhos/cm	43,710	43,810	44,080	44,030	44,080	44,100	44,130	44,080
Specific Conductance (E.C) (Field)	SM2510B	µmhos/cm	43,261	43,510	43,920	43,820	43,860	44,050	44,170	44,160
Strontium, Dissolved	EPA 200.8	µg/L	6,822	7,060	6,510	5,900	7,770	8,280	7,700	7,770
Sulfate, Dissolved	EPA 300.0	mg/L	2,271	2,262	2,220	2,210	2,270	2,290	2,250	2,280
Temperature (Field)	SM2550	° C	15.9	16.0	16.1	16.3	16.2	16.1	16.1	16.2
Total Diss. Solids	SM2540C	mg/L	29,400	29,700	29,800	29,100	29,700	29,300	30,600	30,900
Turbidity	EPA 180.1	NTU	0.10	0.20	0.15	0.35	0.15	0.15	0.30	0.10
Turbidity (Field)	EPA 180.1	NTU	0.20	0.18	0.05	0.07	0.14	0.28	0.08	0.08
Volatile Org. Compounds (524)	EPA 524	µg/L	-	-	-	-	-	-	-	-
Zinc	EPA 200.7	µg/L	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.

APPENDICES



APPENDIX A-1

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

8-Dec-14



CALIFORNIA COASTAL COMMISSION

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

**COASTAL DEVELOPMENT PERMIT**

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

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

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

CHARLES LESTER
Executive Director

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

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

Permit A-3-MRA-14-0050

December 8, 2014

Page 2 of 12

Acknowledgment:

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

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

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

12/8/14
Date


Signature of Permittee or Representative

STANDARD CONDITIONS

This permit is subject to the following standard conditions:

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

SPECIAL CONDITIONS

This permit is subject to the following special conditions:

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

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

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

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

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

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

5. Hazardous Material Spill Prevention and Response.

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

APPENDIX A-2

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

13-Oct-15



CALIFORNIA COASTAL COMMISSION

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



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

COASTAL DEVELOPMENT PERMIT AMENDMENT

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

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

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

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

CHARLES LESTER
Executive Director

A handwritten signature in black ink, appearing to read "Charles Lester".

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.

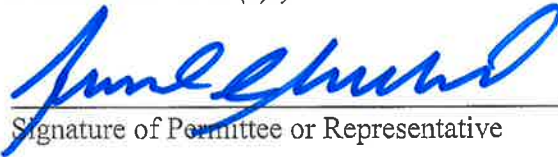
The undersigned permittee(s) acknowledges that Government Code Section 818.4, which states in pertinent part, that: "A public entity is not liable for injury caused by the issuance...of any permit..." applies to the issuance of this permit.

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
1-November-17 - 8-November-17



Report Date: 11/10/2017 8:38
Report User Name: WMassoll
Report Computer Name: WKST52
Application: WinSitu.exe
Application Version: 5.6.27.1

Log File Properties
File Name MPWSP MW-1D LT Test_2017-11-09_09-16-47-904-BaroMerge.wsl
Create Date 11/10/2017 8:36

Device Properties
Device Aqua TROLL 200
Site MPWSP MW-1D
Device Name
Serial Number 482723
Firmware Version 2.01
Hardware Version 4
Device Address 1
Device Comm Cfg 19200 8 Even 1 (Modbus-RTU)
Used Memory 0
Used Battery 4

Log Configuration
Log Name MPWSP MW-1D LT Test
Created By WMassoll
Computer Name PROBOOK10
Application WinSitu.exe
Application Version 5.6.27.1
Create Date 5/19/2017 11:33:58 AM Pacific Daylight Time
Log Setup Time Zone Pacific Daylight Time
Notes Size(bytes) 4096
Overwrite when full Enabled
Scheduled Start Time 5/19/2017 12:00:00 PM Pacific Daylight Time
Scheduled Stop Time No Stop Time
Type Linear
Interval Days: 0 hrs: 00 mins: 15 secs: 00

Level Reference Settings At Log Creation
Level Measurement Mode
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: 9% Used Memory: 12% User Name: WMassoll Interval - Start Time: 8/2/2017 10:00:00 PM Stop Time: 8/10/2017 3:00:00 PM
8/17/2017 8:24 Log Download - Used Battery: 9% Used Memory: 12% User Name: AVanHaitsma Interval - Start Time: 8/9/2017 10:00:00 PM Stop Time: 8/17/2017 9:15:00 AM
8/24/2017 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 PM
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
11/10/2017 8:36 User Note: "Pressure & Level adjusted by baro data from: "MPWSP Barotroll_2017-11-09_18-08-51-172.wsl""

Log Data:
Record Count 722

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

Time Zone: Pacific Daylight Time/Pacific Standard Time

		Sensor: PCTD(A) 658.7ft SNR: 482723	Sensor: PCTD(A) 658.7ft SNR: 482723	Sensor: PCTD(A) 658.7ft SNR: 482723	Sensor: PCTD(A) 658.7ft SNR: 482723	Sensor: PCTD(A) 658.7ft SNR: 482723	Sensor: PCTD(A) 658.7ft SNR: 482723	Sensor: PCTD(A) 658.7ft SNR: 482723	Sensor: PCTD(A) 658.7ft SNR: 482723	Sensor: PCTD(A) 658.7ft SNR: 482723	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)
11/2/2017 0:00	7200	121.589	19.089	273.892	40210.102	45327.387	29.609	30.823	24.869	1.021	14.716
11/2/2017 0:15	8100	121.531	19.089	273.76	40188.965	45303.297	29.591	30.806	24.882	1.021	14.716
11/2/2017 0:30	9000	121.482	19.089	273.651	40217.215	45335.57	29.615	30.828	24.865	1.021	14.726
11/2/2017 0:45	9900	121.473	19.089	273.629	40217.977	45336.094	29.615	30.829	24.865	1.021	14.712
11/2/2017 1:00	10800	121.414	19.089	273.497	40238.25	45359.703	29.632	30.845	24.852	1.021	14.719
11/2/2017 1:15	11700	121.393	19.089	273.449	40217.566	45335.719	29.615	30.828	24.865	1.021	14.719
11/2/2017 1:30	12600	121.342	19.09	273.336	40241.852	45362.48	29.634	30.846	24.85	1.021	14.724
11/2/2017 1:45	13500	121.324	19.09	273.294	40207.539	45323.73	29.606	30.82	24.871	1.021	14.715
11/2/2017 2:00	14400	121.279	19.09	273.194	40227.445	45346.512	29.623	30.836	24.859	1.021	14.722
11/2/2017 2:15	15300	121.262	19.09	273.154	40211.918	45328.496	29.61	30.823	24.868	1.021	14.72
11/2/2017 2:30	16200	121.245	19.09	273.116	40254.555	45376.727	29.645	30.856	24.842	1.021	14.716
11/2/2017 2:45	17100	121.216	19.09	273.051	40227.426	45346.578	29.623	30.836	24.859	1.021	14.718
11/2/2017 3:00	18000	121.193	19.09	272.999	40219.184	45337.109	29.616	30.829	24.864	1.021	14.724
11/2/2017 3:15	18900	121.185	19.091	272.982	40193.246	45306.934	29.594	30.809	24.88	1.021	14.722
11/2/2017 3:30	19800	121.193	19.092	272.999	40202.02	45315.551	29.6	30.815	24.874	1.021	14.724
11/2/2017 3:45	20700	121.198	19.091	273.011	40225.93	45343.016	29.62	30.833	24.86	1.021	14.721
11/2/2017 4:00	21600	121.205	19.091	273.025	40244.297	45364.137	29.636	30.848	24.848	1.021	14.719
11/2/2017 4:15	22500	121.228	19.093	273.072	40248.959	45367.377	29.638	30.85	24.845	1.021	14.745
11/2/2017 4:30	23400	121.237	19.094	273.099	40217.289	45331.234	29.612	30.825	24.865	1.021	14.711
11/2/2017 4:45	24300	121.257	19.094	273.142	40210.066	45322.402	29.605	30.819	24.869	1.021	14.722
11/2/2017 5:00	25200	121.294	19.096	273.227	40229.934	45343.008	29.62	30.833	24.857	1.021	14.714
11/2/2017 5:15	26100	121.334	19.095	273.316	40197.102	45307.113	29.594	30.809	24.877	1.021	14.72
11/2/2017 5:30	27000	121.357	19.097	273.368	40226.145	45337.637	29.617	30.83	24.859	1.021	14.722
11/2/2017 5:45	27900	121.41	19.099	273.488	40205.754	45312.703	29.598	30.813	24.872	1.021	14.721
11/2/2017 6:00	28800	121.455	19.099	273.589	40228.848	45339.398	29.618	30.831	24.858	1.021	14.717
11/2/2017 6:15	29700	121.494	19.099	273.678	40214.711	45322.703	29.606	30.819	24.867	1.021	14.723
11/2/2017 6:30	30600	121.544	19.1	273.789	40186.285	45290.168	29.582	30.797	24.884	1.021	14.72
11/2/2017 6:45	31500	121.597	19.1	273.909	40250.742	45363.055	29.635	30.847	24.844	1.021	14.725
11/2/2017 7:00	32400	121.643	19.099	274.013	40240.637	45352.27	29.627	30.84	24.851	1.021	14.725
11/2/2017 7:15	33300	121.698	19.106	274.136	40223.133	45333.734	29.614	30.827	24.861	1.021	14.729
11/2/2017 7:30	34200	121.735	19.098	274.221	40241.164	45353.715	29.628	30.841	24.85	1.021	14.731
11/2/2017 7:45	35100	121.79	19.096	274.343	40219.465	45330.875	29.612	30.825	24.864	1.021	14.729
11/2/2017 8:00	36000	121.826	19.094	274.424	40222	45335.773	29.615	30.828	24.862	1.021	14.737
11/2/2017 8:15	36900	121.868	19.094	274.519	40216.336	45330.07	29.611	30.824	24.866	1.021	14.736
11/2/2017 8:30	37800	121.904	19.091	274.602	40218.281	45335.324	29.615	30.828	24.864	1.021	14.74
11/2/2017 8:45	38700	121.924	19.09	274.645	40226.145	45344.875	29.621	30.835	24.859	1.021	14.742
11/2/2017 9:00	39600	121.94	19.09	274.681	40229.77	45349.041	29.624	30.837	24.862	1.021	14.749
11/2/2017 9:15	40500	121.955	19.088	274.716	40201.473	45318.68	29.602	30.817	24.875	1.021	14.748
11/2/2017 9:30	41400	121.972	19.089	274.754	40206.137	45322.656	29.605	30.819	24.872	1.021	14.748
11/2/2017 9:45	42300	121.967	19.087	274.742	40184.941	45300.727	29.589	30.804	24.885	1.021	14.75
11/2/2017 10:00	43200	121.97	19.086	274.749	40223.938	45345.793	29.622	30.835	24.861	1.021	14.758
11/2/2017 10:15	44100	121.964	19.086	274.737	40195.348	45314.238	29.599	30.814	24.879	1.021	14.755
11/2/2017 10:30	45000	121.943	19.086	274.689	40217.966	45319.689	29.618	30.831	24.864	1.021	14.757
11/2/2017 10:45	45900	121.935	19.086	274.671	40218.258	45340.066	29.618	30.831	24.864	1.021	14.747
11/2/2017 11:00	46800	121.909	19.087	274.612	40238.746	45362.141	29.634	30.846	24.852	1.021	14.747
11/2/2017 11:15	47700	121.876	19.088	274.538	40192.066	45308.5	29.595	30.81	24.881	1.021	14.741
11/2/2017 11:30	48600	121.84	19.086	274.457	40180.676	45297.695	29.587	30.802	24.888	1.021	14.747
11/2/2017 11:45	49500	121.8	19.084	274.367	40220.055	45343.293	29.62	30.833	24.863	1.021	14.745
11/2/2017 12:00	50400	121.754	19.085	274.263	40203.152	45323.723	29.606	30.82	24.874	1.021	14.743
11/2/2017 12:15	51300	121.716	19.086	274.177	40206.063	45325.977	29.608	30.822	24.872	1.021	14.745
11/2/2017 12:30	52200	121.652	19.086	274.032	40182.211	45298.914	29.588	30.803	24.887	1.021	14.745
11/2/2017 12:45	53100	121.604	19.085	273.924	40176.082	45293.539	29.584	30.8	24.89	1.021	14.743
11/2/2017 13:00	54000	121.549	19.085	273.802	40210.598	45332.539	29.612	30.826	24.869	1.021	14.744
11/2/2017 13:15	54900	121.494	19.087	273.677	40233.707	45356.203	29.63	30.842	24.855	1.021	14.745
11/2/2017 13:30	55800	121.447	19.086	273.572	40198.379	45317.574	29.601	30.816	24.877	1.021	14.747
11/2/2017 13:45	56700	121.401	19.083	273.467	40165.59	45282.906	29.576	30.792	24.897	1.021	14.739
11/2/2017 14:00	57600	121.353	19.084	273.36	40219.891	45343.871	29.62	30.834	24.863	1.021	14.738
11/2/2017 14:15	58500	121.304	19.084	273.249	40213.258	45335.629	29.615	30.828	24.867	1.021	14.734
11/2/2017 14:30	59400	121.259	19.087	273.147	40212.098	45331.676	29.612	30.826	24.868	1.021	14.738
11/2/2017 14:45	60300	121.218	19.09	273.055	40233.219	45296.145	29.586	30.801	24.886	1.021	14.731
11/2/2017 15:00	61200	121.184	19.087	272.979	40209.02	45321.605	29.604	30.819	24.874	1.021	14.734
11/2/2017 15:15	62100	121.156	19.087	272.915	40200.875	45319.535	29.603	30.817	24.875	1.021	14.733
11/2/2017 15:30	63000	121.137	19.091	272.872	40169.766	45280.465	29.575	30.791	24.894	1.021	14.738
11/2/2017 15:45	63900	121.114	19.089	272.821	40189.098	45304.043	29.592	30.807	24.882	1.021	14.735
11/2/2017 16:00	64800	121.103	19.09	272.797	40175.293	45287.813	29.58	30.796	24.891	1.021	14.729
11/2/2017 16:15	65700	121.107	19.089	272.806	40177.344	45290.199	29.582	30.794	24.89	1.021	14.735
11/2/2017 16:30	66600	121.087	19.091	272.767	40186.355	45298.914	29.588	30.803	24.884	1.021	14.737
11/2/2017 16:45	67500	121.095	19.092	272.779	40148.52	45255.328	29.556	30.774	24.908	1.021	14.735
11/2/2017 17:00	68400	121.102	19.091	272.793	40177.188	45288.074	29.58	30.796	24.89	1.021	14.742
11/2/2017 17:15	69300	121.124	19.092	272.843	40164.465	45273.383	29.57	30.786	24.898	1.021	14.737
11/2/2017 17:30	70200	121.143	19.093	272.886	40191.625	45303.148	29.591	30.806	24.881	1.021	14.735
11/2/2017 17:45	71100	121.178	19.093	272.965	40191.656	45302.598	29.591	30.806	24.881	1.021	14.732
11/2/2017 18:00	72000	121.195	19.095	273.033	40188.995	45309.473	29.596	30.81	24.876	1.021	14.741
11/2/2017 18:15	72900	121.248	19.095	273.124	40197.387	45307.18	29.594	30.809	24.877	1.021	14.73
11/2/2017 18:30	73800	121.277	19.095	273.189	40209.801	45321.254	29.605	30.818	24.87	1.021	14.734
11/2/2017 18:45	74700	121.325	19.096	273.296	40194.164	45302.523	29.591	30.806	24.879	1.021	14.738
11/2/2017 19:00	75600	121.364	19.096	273.385	40185.355	45292.43	29.584	30.799	24.885	1.021	14.738
11/2/2017 19:15	76500	121.409	19.097	273.485	40214.137	45324.789	29.607	30.821	24.867	1.021	14.74
11/2/2017 19:30	77400	121.45	19.095	273.579	40175.18	45281.898	29.576	30.789	24.891	1.021	14.74
11/2/2017 19:45	78300	121.505	19.096	273.702	40179.125	45286.094	29.579	30.795	24.889	1.	

11/3/2017 2:30	102600	121.328	19.086	273.303	40195.199	45313.898	29.599	30.813	24.879	1.021	14.746
11/3/2017 2:45	103500	121.31	19.084	273.263	40164.383	45281.203	29.575	30.791	24.898	1.021	14.751
11/3/2017 3:00	104400	121.298	19.086	273.235	40145.078	45256.891	29.557	30.775	24.91	1.021	14.74
11/3/2017 3:15	105300	121.264	19.089	273.159	40162.184	45273.957	29.57	30.786	24.899	1.021	14.745
11/3/2017 3:30	106200	121.259	19.092	273.148	40184.625	45296.027	29.586	30.801	24.885	1.021	14.741
11/3/2017 3:45	107100	121.248	19.091	273.123	40125.613	45230.867	29.599	30.757	24.922	1.021	14.742
11/3/2017 4:00	108000	121.251	19.088	273.151	40164.242	45277.043	29.572	30.778	24.929	1.021	14.738
11/3/2017 4:15	108900	121.261	19.087	273.152	40164.387	45278.148	29.573	30.789	24.898	1.021	14.736
11/3/2017 4:30	109800	121.257	19.087	273.142	40143.422	45253.922	29.555	30.773	24.911	1.021	14.746
11/3/2017 4:45	110700	121.267	19.09	273.167	40194.52	45308.965	29.595	30.81	24.879	1.021	14.744
11/3/2017 5:00	111600	121.285	19.088	273.206	40193.918	45310.332	29.596	30.811	24.879	1.021	14.746
11/3/2017 5:15	112500	121.313	19.088	273.269	40163.09	45275.926	29.571	30.788	24.898	1.021	14.745
11/3/2017 5:30	113400	121.335	19.087	273.318	40151.195	45253.531	29.562	30.779	24.962	1.021	14.752
11/3/2017 5:45	114300	121.367	19.088	273.39	40157.852	45270.02	29.567	30.784	24.902	1.021	14.75
11/3/2017 6:00	115200	121.413	19.09	273.494	40178.77	45291.73	29.583	30.798	24.889	1.021	14.744
11/3/2017 6:15	116100	121.447	19.092	273.571	40181.141	45292.18	29.583	30.799	24.887	1.021	14.748
11/3/2017 6:30	117000	121.501	19.089	273.692	40159.746	45271.305	29.568	30.784	24.901	1.021	14.739
11/3/2017 6:45	117900	121.551	19.089	273.805	40184.695	45298.91	29.588	30.803	24.885	1.021	14.738
11/3/2017 7:00	118800	121.594	19.089	273.919	40179.43	45292.727	29.584	30.799	24.888	1.021	14.746
11/3/2017 7:15	119700	121.649	19.09	274.026	40158.699	45268.848	29.566	30.783	24.901	1.021	14.745
11/3/2017 7:30	120600	121.69	19.089	274.119	40171.227	45283.645	29.577	30.793	24.893	1.021	14.747
11/3/2017 7:45	121500	121.748	19.088	274.249	40180.117	45294.352	29.585	30.8	24.888	1.021	14.748
11/3/2017 8:00	122400	121.799	19.088	274.364	40146.223	45256.648	29.557	30.775	24.909	1.021	14.746
11/3/2017 8:15	123300	121.846	19.087	274.47	40176.277	45291.215	29.582	30.798	24.89	1.021	14.749
11/3/2017 8:30	124200	121.901	19.087	274.596	40173.379	45288.027	29.58	30.796	24.892	1.021	14.745
11/3/2017 8:45	125100	121.928	19.087	274.654	40143.789	45254.59	29.556	30.773	24.91	1.021	14.75
11/3/2017 9:00	126000	121.96	19.089	274.727	40159.242	45270.305	29.567	30.784	24.901	1.021	14.757
11/3/2017 9:15	126900	121.997	19.087	274.81	40190.977	45307.613	29.594	30.809	24.881	1.021	14.758
11/3/2017 9:30	127800	122.028	19.088	274.88	40190.805	45307.078	29.594	30.809	24.881	1.021	14.763
11/3/2017 9:45	128700	122.037	19.09	274.9	40163.543	45274.207	29.57	30.786	24.898	1.021	14.763
11/3/2017 10:00	129600	122.054	19.09	274.939	40175.887	45287.879	29.58	30.796	24.891	1.021	14.765
11/3/2017 10:15	130500	122.069	19.089	274.973	40171.305	45283.734	29.577	30.793	24.893	1.021	14.757
11/3/2017 10:30	131400	122.071	19.087	274.976	40162.094	45275.391	29.571	30.787	24.899	1.021	14.753
11/3/2017 10:45	132300	122.037	19.085	274.9	40168.227	45284.77	29.578	30.794	24.895	1.021	14.762
11/3/2017 11:00	133200	122.029	19.084	274.883	40157.313	45272.727	29.569	30.785	24.902	1.021	14.761
11/3/2017 11:15	134100	122.02	19.084	274.861	40162.652	45279.418	29.574	30.79	24.899	1.021	14.761
11/3/2017 11:30	135000	122.01	19.086	274.84	40196.117	45315.185	29.6	30.814	24.878	1.021	14.765
11/3/2017 11:45	135900	121.947	19.085	274.697	40178.648	45296.016	29.586	30.801	24.889	1.021	14.761
11/3/2017 12:00	136800	121.919	19.085	274.634	40145.918	45259.621	29.559	30.777	24.909	1.021	14.754
11/3/2017 12:15	137700	121.865	19.084	274.512	40200.324	45321.219	29.604	30.818	24.875	1.021	14.752
11/3/2017 12:30	138600	121.813	19.083	274.395	40146.023	45260.848	29.56	30.777	24.909	1.021	14.754
11/3/2017 12:45	139500	121.764	19.082	274.284	40187.508	45308.465	29.595	30.81	24.883	1.021	14.745
11/3/2017 13:00	140400	121.705	19.082	274.165	40170.889	45289.615	29.581	30.797	24.894	1.021	14.747
11/3/2017 13:15	141300	121.659	19.082	274.048	40167.984	45286.643	29.579	30.795	24.895	1.021	14.745
11/3/2017 13:30	142200	121.59	19.08	273.894	40146.609	45264.988	29.563	30.78	24.909	1.021	14.749
11/3/2017 13:45	143100	121.529	19.081	273.756	40143.25	45260.352	29.56	30.777	24.911	1.021	14.747
11/3/2017 14:00	144000	121.485	19.079	273.657	40168.074	45289.785	29.581	30.797	24.895	1.021	14.739
11/3/2017 14:15	144900	121.421	19.081	273.513	40137.035	45253.004	29.554	30.772	24.915	1.021	14.735
11/3/2017 14:30	145800	121.361	19.08	273.379	40168.086	45288.879	29.58	30.796	24.895	1.021	14.741
11/3/2017 14:45	146700	121.314	19.082	273.272	40163.984	45282.875	29.576	30.792	24.898	1.021	14.733
11/3/2017 15:00	147600	121.251	19.083	273.13	40184.352	45304.824	29.592	30.807	24.885	1.021	14.736
11/3/2017 15:15	148500	121.204	19.082	273.025	40153.965	45270.898	29.567	30.784	24.904	1.021	14.737
11/3/2017 15:30	149400	121.166	19.085	272.939	40142.734	45256.031	29.557	30.774	24.911	1.021	14.735
11/3/2017 15:45	150300	121.124	19.084	272.843	40148.281	45262.449	29.561	30.778	24.908	1.021	14.735
11/3/2017 16:00	151200	121.101	19.087	272.792	40164.996	45278.66	29.573	30.789	24.897	1.021	14.732
11/3/2017 16:15	152100	121.069	19.087	272.719	40183.535	45300.07	29.589	30.804	24.886	1.021	14.73
11/3/2017 16:30	153000	121.049	19.088	272.674	40168.75	45281.875	29.576	30.792	24.895	1.021	14.727
11/3/2017 16:45	153900	121.031	19.088	272.634	40184.199	45299.207	29.588	30.803	24.885	1.021	14.733
11/3/2017 17:00	154800	121.033	19.089	272.64	40192.855	45308.027	29.595	30.809	24.88	1.021	14.73
11/3/2017 17:15	155700	121.027	19.092	272.625	40193.551	45306.348	29.594	30.808	24.88	1.021	14.73
11/3/2017 17:30	156600	121.051	19.091	272.634	40169.898	45280.273	29.575	30.791	24.894	1.021	14.727
11/3/2017 17:45	157500	121.052	19.092	272.653	40179.773	45290.643	29.582	30.798	24.882	1.021	14.731
11/3/2017 18:00	158400	121.067	19.092	272.714	40149.871	45257.199	29.558	30.775	24.907	1.021	14.731
11/3/2017 18:15	159300	121.103	19.092	272.797	40159.605	45267.824	29.566	30.782	24.901	1.021	14.725
11/3/2017 18:30	160200	121.126	19.092	272.849	40175.031	45285.129	29.578	30.794	24.891	1.021	14.73
11/3/2017 18:45	161100	121.167	19.092	272.941	40169.367	45278.828	29.574	30.79	24.895	1.021	14.732
11/3/2017 19:00	162000	121.197	19.093	273.008	40179.789	45289.988	29.582	30.797	24.888	1.021	14.731
11/3/2017 19:15	162900	121.241	19.094	273.108	40205.086	45316.608	29.601	30.816	24.872	1.021	14.736
11/3/2017 19:30	163800	121.295	19.093	273.228	40197.027	45308.734	29.595	30.81	24.877	1.021	14.727
11/3/2017 19:45	164700	121.336	19.093	273.321	40162.918	45270.719	29.568	30.784	24.899	1.021	14.734
11/3/2017 20:00	165600	121.402	19.094	273.471	40179.051	45288.043	29.58	30.796	24.889	1.021	14.725
11/3/2017 20:15	166500	121.438	19.093	273.55	40185.832	45296.547	29.586	30.802	24.884	1.021	14.73
11/3/2017 20:30	167400	121.493	19.093	273.674	40166.188	45274.402	29.57	30.787	24.897	1.021	14.731
11/3/2017 20:45	168300	121.529	19.093	273.756	40177.856	45287.785	29.58	30.796	24.889	1.021	14.736
11/3/2017 21:00	169200	121.587	19.091	273.887	40145.973	45253.305	29.555	30.772	24.909	1.021	14.73
11/3/2017 21:15	170100	121.627	19.091	273.978	40179.078	45290.539	29.582	30.798	24.889	1.021	14.732
11/3/2017 21:30	171000	121.667	19.091	274.066	40182.586	45294.242	29.585	30.8	24.886	1.021	14.733
11/3/2017 21:45	171900	121.704	19.091	274.151	40181.219	45293.547	29.584	30.8	24.887	1.021	14.736
11/3/2017 22:00	172800	121.742	19.09	274.236	40165.988	45277.063	29.572	30.788	24.897	1.021	14.734
11/3/2017 22:15	173700	121.76	19.092	274.277	40177.406	45288.402	29.58	30.796	24.89	1.021	14.728
11/3/2017 22:30	174600	121.788	19.089	273.339	40185.629	45300.387	29.589	30.804	24.885	1.021	14.738
11/3/2017 22:45	175500	121.804	19.087	273.475	40145.715	45256.508	29.557	30.774	24.909	1.021	14.741
1											

11/5/2017 6:15	292500	121.555	19.086	273.815	40190.211	45308.445	29.595	30.81	24.882	1.021	14.795
11/5/2017 6:30	293400	121.607	19.084	273.931	40180.609	45299.074	29.588	30.803	24.888	1.021	14.793
11/5/2017 6:45	294300	121.63	19.084	273.983	40196.254	45316.875	29.601	30.815	24.878	1.021	14.8
11/5/2017 7:00	295200	121.69	19.084	274.118	40172.215	45289.863	29.581	30.797	24.893	1.021	14.801
11/5/2017 7:15	296100	121.723	19.084	274.194	40188.406	45307.684	29.594	30.809	24.883	1.021	14.809
11/5/2017 7:30	297000	121.776	19.085	274.313	40176.512	45293.172	29.584	30.799	24.89	1.021	14.803
11/5/2017 7:45	297900	121.839	19.084	274.459	40195.977	45316.156	29.6	30.815	24.881	1.021	14.801
11/5/2017 8:00	298800	121.879	19.084	274.544	40153.125	45268.008	29.565	30.782	24.905	1.021	14.813
11/5/2017 8:15	299700	121.931	19.085	274.662	40197.445	45317.207	29.601	30.816	24.877	1.021	14.808
11/5/2017 8:30	300600	121.979	19.085	274.77	40198.379	45317.824	29.602	30.816	24.877	1.021	14.809
11/5/2017 8:45	301500	122.02	19.085	274.862	40214.82	45336.539	29.615	30.829	24.866	1.021	14.815
11/5/2017 9:00	302400	122.067	19.085	274.946	40192.98	45312	29.597	30.812	24.88	1.021	14.812
11/5/2017 9:15	303300	122.094	19.085	275.028	40196.508	45316.051	29.6	30.815	24.878	1.021	14.811
11/5/2017 9:30	304200	122.122	19.083	275.092	40173.652	45292.082	29.583	30.799	24.892	1.021	14.816
11/5/2017 9:45	305100	122.146	19.083	275.146	40224.965	45350.613	29.625	30.838	24.86	1.021	14.818
11/5/2017 10:00	306000	122.158	19.081	275.174	40186.668	45308.539	29.595	30.81	24.884	1.021	14.816
11/5/2017 10:15	306900	122.175	19.081	275.211	40155.387	45273.695	29.569	30.786	24.903	1.021	14.814
11/5/2017 10:30	307800	122.175	19.08	275.211	40170.859	45291.652	29.582	30.798	24.894	1.021	14.814
11/5/2017 10:45	308700	122.186	19.08	275.236	40170.844	45292.063	29.583	30.799	24.894	1.021	14.813
11/5/2017 11:00	309600	122.167	19.08	275.193	40178.723	45300.684	29.589	30.804	24.889	1.021	14.813
11/5/2017 11:15	310500	122.155	19.078	275.166	40184.066	45308.754	29.595	30.81	24.885	1.021	14.812
11/5/2017 11:30	311400	122.128	19.079	275.106	40201.41	45327.543	29.608	30.823	24.875	1.021	14.805
11/5/2017 11:45	312300	122.102	19.078	275.046	40188.582	45313.938	29.598	30.813	24.883	1.021	14.802
11/5/2017 12:00	313200	122.058	19.078	274.949	40195.801	45324.418	29.605	30.819	24.878	1.021	14.803
11/5/2017 12:15	314100	122.014	19.078	274.85	40187.266	45313.039	29.598	30.813	24.884	1.021	14.804
11/5/2017 12:30	315000	121.976	19.077	274.763	40198.129	45325.375	29.607	30.821	24.877	1.021	14.794
11/5/2017 12:45	315900	121.918	19.078	274.632	40209.938	45338.602	29.616	30.83	24.869	1.021	14.793
11/5/2017 13:00	316800	121.869	19.076	274.521	40188.52	45316.41	29.6	30.815	24.883	1.021	14.786
11/5/2017 13:15	317700	121.814	19.076	274.397	40156.48	45279.77	29.573	30.79	24.903	1.021	14.786
11/5/2017 13:30	318600	121.755	19.076	274.265	40176.988	45302.977	29.59	30.806	24.89	1.021	14.78
11/5/2017 13:45	319500	121.67	19.077	274.074	40170.734	45295.156	29.585	30.801	24.894	1.021	14.787
11/5/2017 14:00	320400	121.61	19.075	273.939	40176.137	45302.789	29.59	30.806	24.89	1.021	14.781
11/5/2017 14:15	321300	121.545	19.074	273.793	40191.957	45321.391	29.604	30.819	24.881	1.021	14.78
11/5/2017 14:30	322200	121.482	19.075	273.649	40191.168	45319.48	29.602	30.817	24.881	1.021	14.778
11/5/2017 14:45	323100	121.406	19.076	273.48	40173.688	45299.352	29.588	30.804	24.892	1.021	14.778
11/5/2017 15:00	324000	121.346	19.076	273.344	40214.348	45344.684	29.621	30.834	24.867	1.021	14.781
11/5/2017 15:15	324900	121.281	19.078	273.224	40193.113	45319.424	29.603	30.817	24.88	1.021	14.779
11/5/2017 15:30	325800	121.248	19.078	273.122	40197.781	45323.965	29.606	30.82	24.877	1.021	14.775
11/5/2017 15:45	326700	121.182	19.079	272.974	40172.973	45295.145	29.585	30.801	24.892	1.021	14.78
11/5/2017 16:00	327600	121.137	19.08	272.872	40199.703	45325.105	29.607	30.821	24.876	1.021	14.777
11/5/2017 16:15	328500	121.101	19.08	272.793	40185.371	45308.871	29.595	30.81	24.885	1.021	14.778
11/5/2017 16:30	329400	121.067	19.083	272.716	40202.242	45324.141	29.606	30.82	24.874	1.021	14.776
11/5/2017 16:45	330300	121.009	19.085	272.63	40172.105	45286.539	29.58	30.796	24.893	1.021	14.793
11/5/2017 17:00	331200	121.008	19.085	272.583	40193.727	45313.012	29.598	30.813	24.88	1.021	14.774
11/5/2017 17:15	332100	120.998	19.084	272.561	40217.926	45340.965	29.618	30.832	24.865	1.021	14.772
11/5/2017 17:30	333000	120.998	19.087	272.56	40216.949	45337.57	29.616	30.83	24.865	1.021	14.766
11/5/2017 17:45	333900	120.961	19.087	272.476	40208.383	45327.152	29.608	30.822	24.87	1.021	14.782
11/5/2017 18:00	334800	120.974	19.088	272.505	40173.262	45286.699	29.579	30.795	24.892	1.021	14.778
11/5/2017 18:15	335700	120.977	19.088	272.548	40226.148	45346.34	29.623	30.836	24.859	1.021	14.795
11/5/2017 18:30	336600	120.991	19.09	272.544	40206.199	45322.219	29.605	30.819	24.872	1.021	14.776
11/5/2017 18:45	337500	121.025	19.092	272.62	40198.891	45312.285	29.598	30.812	24.876	1.021	14.774
11/5/2017 19:00	338400	121.045	19.093	272.665	40200.578	45313.168	29.599	30.813	24.875	1.021	14.78
11/5/2017 19:15	339300	121.073	19.095	272.73	40213.41	45325.07	29.607	30.821	24.867	1.021	14.782
11/5/2017 19:30	340200	121.117	19.095	272.828	40198.496	45308.848	29.595	30.81	24.877	1.021	14.779
11/5/2017 19:45	341100	121.157	19.095	272.918	40207.211	45318.172	29.602	30.816	24.871	1.021	14.781
11/5/2017 20:00	342000	121.188	19.096	272.987	40211.109	45322.051	29.605	30.819	24.869	1.021	14.788
11/5/2017 20:15	342900	121.236	19.096	273.096	40189.535	45297.141	29.587	30.802	24.882	1.021	14.782
11/5/2017 20:30	343800	121.297	19.096	273.234	40219.32	45330.793	29.612	30.825	24.864	1.021	14.782
11/5/2017 20:45	344700	121.347	19.096	273.346	40189.98	45298.488	29.588	30.803	24.882	1.021	14.783
11/5/2017 21:00	345600	121.396	19.095	273.455	40216.574	45329.492	29.61	30.824	24.865	1.021	14.781
11/5/2017 21:15	346500	121.454	19.093	273.588	40222.234	45337.063	29.616	30.829	24.862	1.021	14.788
11/5/2017 21:30	347400	121.488	19.094	273.663	40187.457	45297.098	29.587	30.802	24.867	1.021	14.792
11/5/2017 21:45	348300	121.548	19.097	273.799	40193.313	45300.883	29.59	30.805	24.88	1.021	14.789
11/5/2017 22:00	349200	121.594	19.097	273.902	40215.113	45325.203	29.607	30.821	24.866	1.021	14.787
11/5/2017 22:15	350100	121.647	19.094	274.022	40203.074	45314.953	29.6	30.814	24.874	1.021	14.791
11/5/2017 22:30	351000	121.675	19.094	274.086	40209.066	45321.617	29.605	30.819	24.87	1.021	14.789
11/5/2017 22:45	351900	121.703	19.093	274.147	40152.363	45258.82	29.559	30.776	24.905	1.021	14.792
11/5/2017 23:00	352800	121.738	19.093	274.227	40190.793	45302.895	29.593	30.806	24.881	1.021	14.795
11/5/2017 23:15	353700	121.762	19.091	274.28	40189.52	45302.141	29.59	30.805	24.882	1.021	14.795
11/5/2017 23:30	354600	121.785	19.091	274.331	40194.922	45308.398	29.595	30.81	24.879	1.021	14.792
11/5/2017 23:45	355500	121.803	19.092	274.372	40200.094	45313.543	29.599	30.813	24.876	1.021	14.791
11/6/2017 0:00	356400	121.816	19.091	274.403	40165.391	45275.703	29.571	30.787	24.897	1.021	14.791
11/6/2017 0:15	357300	121.81	19.09	274.388	40192.137	45306.801	29.594	30.809	24.88	1.021	14.797
11/6/2017 0:30	358200	121.817	19.091	274.404	40213.492	45329.59	29.61	30.824	24.867	1.021	14.79
11/6/2017 0:45	359100	121.814	19.093	274.398	40217.219	45331.566	29.612	30.825	24.865	1.021	14.789
11/6/2017 1:00	360000	121.809	19.087	274.387	40194.949	45312.262	29.598	30.812	24.879	1.021	14.786
11/6/2017 1:15	360900	121.782	19.09	274.326	40188.879	45302.867	29.591	30.806	24.883	1.021	14.795
11/6/2017 1:30	361800	121.76	19.089	274.276	40173.961	45286.809	29.579	30.795	24.892	1.021	14.796
11/6/2017 1:45	362700	121.752	19.087	274.257	40202.125	45320.945	29.604	30.818	24.874	1.021	14.796
11/6/2017 2:00	363600	121.729	19.085	274.207	40168.078	45283.587	29.577	30.793	24.895	1.021	14.793
11/6/2017 2:15	364500	121.709	19.087	274.161	40182.516	45298.664	29.588	30.803	24.886	1.021	14.799
11/6/2017 2:30	365400	121.668	19.088	274.068	40216.293	45335.723	29.615	30.828	24.866	1.021	14.79
11/6/											

11/7/2017 11:00	482400	122.156	19.085	275.169	40198.906	45319.098	29.602	30.817	24.876	1.021	14.782
11/7/2017 11:15	483300	122.174	19.081	275.21	40191.809	45314.336	29.599	30.814	24.881	1.021	14.784
11/7/2017 11:30	484200	122.213	19.08	275.297	40149.539	45268.375	29.565	30.782	24.907	1.021	14.769
11/7/2017 11:45	485100	122.208	19.08	275.286	40171.313	45292.508	29.583	30.799	24.893	1.021	14.777
11/7/2017 12:00	486000	122.208	19.079	275.286	40172.168	45294.148	29.584	30.8	24.893	1.021	14.78
11/7/2017 12:15	486900	122.217	19.079	275.305	40170.02	45292.148	29.583	30.799	24.894	1.021	14.769
11/7/2017 12:30	487800	122.201	19.078	275.27	40178.719	45303.402	29.591	30.806	24.889	1.021	14.773
11/7/2017 12:45	488700	122.184	19.078	275.231	40175.867	45299.688	29.588	30.804	24.891	1.021	14.771
11/7/2017 13:00	489600	122.164	19.078	275.187	40157.793	45279.309	29.573	30.79	24.902	1.021	14.766
11/7/2017 13:15	490500	122.138	19.078	275.127	40159.344	45281.391	29.575	30.791	24.901	1.021	14.762
11/7/2017 13:30	491400	122.108	19.077	275.06	40181.566	45307.289	29.594	30.809	24.887	1.021	14.764
11/7/2017 13:45	492300	122.07	19.077	274.975	40169.063	45292.884	29.583	30.799	24.895	1.021	14.763
11/7/2017 14:00	493200	122.024	19.078	274.87	40187.566	45313.133	29.598	30.813	24.883	1.021	14.764
11/7/2017 14:15	494100	121.962	19.078	274.731	40181.391	45306.168	29.593	30.808	24.887	1.021	14.76
11/7/2017 14:30	495000	121.939	19.078	274.679	40187.258	45313.031	29.598	30.813	24.884	1.021	14.764
11/7/2017 14:45	495900	121.879	19.077	274.543	40158.742	45281.219	29.575	30.791	24.901	1.021	14.766
11/7/2017 15:00	496800	121.827	19.077	274.428	40186.109	45312.34	29.597	30.812	24.884	1.021	14.758
11/7/2017 15:15	497700	121.775	19.076	274.31	40207.828	45337.75	29.616	30.83	24.871	1.021	14.756
11/7/2017 15:30	498600	121.745	19.076	274.184	40167.777	45292.688	29.583	30.799	24.896	1.021	14.756
11/7/2017 15:45	499500	121.664	19.077	274.06	40175.094	45299.918	29.588	30.804	24.891	1.021	14.754
11/7/2017 16:00	500400	121.587	19.077	273.887	40177.617	45302.25	29.59	30.806	24.889	1.021	14.751
11/7/2017 16:15	501300	121.522	19.078	273.739	40171.98	45295.805	29.585	30.801	24.893	1.021	14.758
11/7/2017 16:30	502200	121.479	19.079	273.643	40173.598	45296.609	29.586	30.802	24.892	1.021	14.754
11/7/2017 16:45	503100	121.411	19.08	273.489	40169.805	45290.969	29.582	30.798	24.894	1.021	14.754
11/7/2017 17:00	504000	121.356	19.081	273.367	40220.813	45347.621	29.623	30.836	24.863	1.021	14.752
11/7/2017 17:15	504900	121.304	19.081	273.249	40161.484	45280.227	29.574	30.791	24.899	1.021	14.749
11/7/2017 17:30	505800	121.25	19.082	273.128	40177.629	45298.258	29.587	30.803	24.889	1.021	14.759
11/7/2017 17:45	506700	121.2	19.081	273.015	40210.387	45335.707	29.614	30.828	24.869	1.021	14.756
11/7/2017 18:00	507600	121.171	19.082	272.949	40185.34	45306.195	29.593	30.808	24.885	1.021	14.755
11/7/2017 18:15	508500	121.123	19.084	272.842	40181.688	45300.371	29.589	30.804	24.887	1.021	14.761
11/7/2017 18:30	509400	121.092	19.087	272.771	40180.242	45295.848	29.586	30.801	24.888	1.021	14.764
11/7/2017 18:45	510300	121.072	19.086	272.727	40159.23	45273.258	29.569	30.786	24.901	1.021	14.765
11/7/2017 19:00	511200	121.048	19.086	272.673	40199.551	45318.715	29.602	30.817	24.876	1.021	14.758
11/7/2017 19:15	512100	121.048	19.086	272.671	40190.336	45308.172	29.595	30.81	24.882	1.021	14.758
11/7/2017 19:30	513000	121.031	19.087	272.634	40200.223	45318.039	29.602	30.816	24.875	1.021	14.764
11/7/2017 19:45	513900	121.044	19.09	272.662	40170	45281.074	29.575	30.791	24.894	1.021	14.754
11/7/2017 20:00	514800	121.031	19.092	272.634	40166.883	45275.773	29.571	30.788	24.896	1.021	14.765
11/7/2017 20:15	515700	121.056	19.093	272.691	40194.793	45306.043	29.593	30.808	24.879	1.021	14.758
11/7/2017 20:30	516600	121.068	19.093	272.717	40197.777	45309.496	29.596	30.81	24.877	1.021	14.759
11/7/2017 20:45	517500	121.086	19.093	272.759	40212.781	45326.742	29.608	30.822	24.868	1.021	14.763
11/7/2017 21:00	518400	121.106	19.094	272.802	40188.617	45298.918	29.588	30.803	24.883	1.021	14.766
11/7/2017 21:15	519300	121.139	19.094	272.877	40203.125	45315.008	29.6	30.814	24.874	1.021	14.768
11/7/2017 21:30	520200	121.18	19.094	272.971	40192.309	45302.73	29.591	30.806	24.88	1.021	14.769
11/7/2017 21:45	521100	121.222	19.094	273.065	40183.078	45291.82	29.583	30.798	24.886	1.021	14.768
11/7/2017 22:00	522000	121.265	19.093	273.162	40176.012	45284.875	29.578	30.794	24.89	1.021	14.776
11/7/2017 22:15	522900	121.299	19.093	273.238	40206.719	45319.91	29.603	30.818	24.871	1.021	14.777
11/7/2017 22:30	523800	121.351	19.095	273.356	40198.105	45308.676	29.595	30.81	24.877	1.021	14.772
11/7/2017 22:45	524700	121.401	19.095	273.468	40187.348	45295.613	29.586	30.801	24.883	1.021	14.776
11/7/2017 23:00	525600	121.46	19.091	273.601	40209.684	45323.594	29.606	30.82	24.87	1.021	14.766
11/7/2017 23:15	526500	121.509	19.092	273.71	40182.023	45293.094	29.584	30.799	24.887	1.021	14.773
11/7/2017 23:30	527400	121.547	19.095	273.797	40205.781	45317.234	29.602	30.816	24.872	1.021	14.77
11/7/2017 23:45	528300	121.578	19.094	273.867	40175.785	45284.363	29.578	30.793	24.891	1.021	14.774
11/8/2017 0:00	529200	121.639	19.092	274.003	40206.129	45320.613	29.604	30.818	24.872	1.021	14.765
11/8/2017 0:15	530100	121.679	19.092	274.094	40184.383	45295.246	29.585	30.801	24.885	1.021	14.769
11/8/2017 0:30	531000	121.721	19.093	274.188	40217.023	45331.777	29.612	30.826	24.865	1.021	14.759
11/8/2017 0:45	531900	121.745	19.093	274.243	40191.598	45303.279	29.591	30.806	24.881	1.021	14.764
11/8/2017 1:00	532800	121.772	19.092	274.304	40202.082	45315.703	29.6	30.815	24.874	1.021	14.763
11/8/2017 1:15	533700	121.792	19.09	274.349	40191.781	45305.707	29.593	30.808	24.881	1.021	14.765
11/8/2017 1:30	534600	121.837	19.091	274.449	40214.965	45331.164	29.612	30.825	24.866	1.021	14.752
11/8/2017 1:45	535500	121.846	19.091	274.47	40176.953	45288.656	29.581	30.796	24.89	1.021	14.752
11/8/2017 2:00	536400	121.86	19.09	274.502	40209.016	45325.223	29.607	30.821	24.87	1.021	14.756
11/8/2017 2:15	537300	121.866	19.088	274.515	40183.313	45298.795	29.588	30.803	24.886	1.021	14.763
11/8/2017 2:30	538200	121.885	19.087	274.557	40162.012	45275.637	29.571	30.787	24.899	1.021	14.739
11/8/2017 2:45	539100	121.875	19.087	274.535	40190.004	45306.688	29.594	30.809	24.882	1.021	14.742
11/8/2017 3:00	540000	121.869	19.088	274.521	40193.91	45309.973	29.596	30.811	24.879	1.021	14.74
11/8/2017 3:15	540900	121.885	19.084	274.557	40186.242	45305.586	29.593	30.808	24.884	1.021	14.732
11/8/2017 3:30	541800	121.868	19.085	274.521	40212.07	45334.199	29.613	30.827	24.868	1.021	14.729
11/8/2017 3:45	542700	121.848	19.087	274.475	40189.414	45306.275	29.593	30.808	24.88	1.021	14.735
11/8/2017 4:00	543600	121.853	19.088	274.485	40170.207	45283.77	29.577	30.793	24.894	1.021	14.727
11/8/2017 4:15	544500	121.823	19.087	274.418	40199.043	45317.125	29.601	30.816	24.876	1.021	14.733
11/8/2017 4:30	545400	121.812	19.083	274.393	40168.219	45286.379	29.579	30.795	24.895	1.021	14.736
11/8/2017 4:45	546300	121.793	19.084	274.351	40181.605	45300.281	29.589	30.804	24.887	1.021	14.732
11/8/2017 5:00	547200	121.783	19.082	274.327	40205.633	45329.742	29.61	30.824	24.872	1.021	14.736
11/8/2017 5:15	548100	121.758	19.083	274.271	40173.32	45291.875	29.583	30.785	24.892	1.021	14.732
11/8/2017 5:30	549000	121.731	19.083	274.21	40209.324	45332.125	29.612	30.826	24.87	1.021	14.738
11/8/2017 5:45	549900	121.726	19.084	274.199	40209.242	45331.777	29.612	30.826	24.87	1.021	14.741
11/8/2017 6:00	550800	121.715	19.081	274.174	40162.113	45280.855	29.575	30.791	24.899	1.021	14.746
11/8/2017 6:15	551700	121.696	19.082	274.133	40151.934	45269.035	29.566	30.783	24.905	1.021	14.75
11/8/2017 6:30	552600	121.687	19.083	274.112	40170.391	45288.316	29.58	30.796	24.894	1.021	14.747
11/8/2017 6:45	553500	121.683	19.085	274.102	40167.039	45283.002	29.576	30.792	24.896	1.021	14.752
11/8/2017 7:00	554400	121.686	19.084	274.11	40191.18	45311.242	29.597	30.812	24.881	1.021	14.755
11/8/2017 7:15	555300	121.678	19.083	274.091	40200.586	45322.695	29.605	30.819	24.875	1.021	14.75

Report Date: 11/10/2017 8:39
Report User Name: WMassoll
Report Computer Name: WKST52
Application: WinSitu.exe
Application Version: 5.6.27.1

Log File Properties
File Name MPWSP MW-1M Pre Test_2017-11-09_09-20-14-831-BaroMerge.wsl
Create Date 11/10/2017 8:36

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
Specific Gravity 1.024
Depth

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: AVanHaitisma 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: AVanHaitisma 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: AVanHaitisma 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: AVanHaitisma 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: AVanHaitisma 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: AVanHaitisma 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: AVanHaitisma 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: AVanHaitisma 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: AVanHaitisma 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: AVanHaitisma 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: AVanHaitisma 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: AVanHaitisma 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: AVanHaitisma 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: AVanHaitisma 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: AVanHaitisma 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: AVanHaitisma 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: AVanHaitisma 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: 10/26/2017 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: AVanHaitisma Interval - Start Time: 11/1/2017 10:00:00 PM Stop Time: 11/9/2017 10:15:00 AM
11/10/2017 8:36 User Note: "Pressure & Level adjusted by baro data from: "MPWSP Barotroll_2017-11-09_18-08-51-172.wsl""

Log Data:
Record Count 722
Sensors 2
1 469248 PCTD 100 PSIA (60.1m/197.3ft)
2 0 Baro-Adjustment Calc

Time Zone: Pacific Daylight Time/Pacific Standard Time

		Sensor: PCTD(A) 197.3ft SNR: 469248		Sensor: PCTD(A) 197.3ft SNR: 469248		Sensor: PCTD(A) 197.3ft SNR: 469248		Sensor: PCTD(A) 197.3ft SNR: 469248		Sensor: PCTD(A) 197.3ft SNR: 469248		Sensor: PCTD(A) 197.3ft SNR: 469248		Sensor: PCTD(A) 197.3ft SNR: 469248		Sensor: Baro-Adj Calc SNR: 000000	
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)			
Date and Time	11/2/2017 0:00	7200	67.99	15.765	153.154	41948.52	50932.871	33.511	34.634	23.839	1.025	14.716					
	11/2/2017 0:15	8100	67.988	15.764	153.15	41975.793	50966.734	33.536	34.657	23.823	1.025	14.716					
	11/2/2017 0:30	9000	67.976	15.764	153.123	41973.664	50964.051	33.534	34.656	23.824	1.025	14.726					
	11/2/2017 0:45	9900	67.986	15.764	153.145	41934.773	50916.711	33.499	34.623	23.847	1.025	14.712					
	11/2/2017 1:00	10800	67.972	15.764	153.113	41959.617	50947.391	33.521	34.644	23.832	1.025	14.719					
	11/2/2017 1:15	11700	67.967	15.763	153.101	41928.301	50909.988	33.494	34.619	23.85	1.025	14.719					
	11/2/2017 1:30	12600	67.954	15.764	153.073	41949.84	50935.43	33.513	34.636	23.838	1.025	14.724					
	11/2/2017 1:45	13500	67.958	15.764	153.083	41940.008	50922.863	33.503	34.628	23.844	1.025	14.715					
	11/2/2017 2:00	14400	67.945	15.765	153.054	41957.332	50943.273	33.519	34.641	23.834	1.025	14.722					
	11/2/2017 2:15	15300	67.938	15.764	153.036	41938.207	50920.883	33.502	34.626	23.845	1.025	14.72					
	11/2/2017 2:30	16200	67.941	15.765	153.044	41950.395	50934.531	33.512	34.635	23.838	1.025	14.716					
	11/2/2017 2:45	17100	67.929	15.765	153.017	41961.867	50948.68	33.522	34.645	23.831	1.025	14.718					
	11/2/2017 3:00	18000	67.922	15.765	153.001	41984.586	50976.57	33.543	34.664	23.818	1.025	14.723					
	11/2/2017 3:15	18900	67.913	15.765	152.98	41958.309	50943.934	33.519	34.642	23.833	1.025	14.722					
	11/2/2017 3:30	19800	67.911	15.765	152.977	41943.941	50926.602	33.506	34.63	23.841	1.025	14.724					
	11/2/2017 3:45	20700	67.907	15.765	152.968	41981.664	50972.402	33.54	34.661	23.82	1.025	14.721					
	11/2/2017 4:00	21600	67.903	15.766	152.957	41963	50949.109	33.523	34.645	23.831	1.025	14.719					
	11/2/2017 4:15	22500	67.901	15.766	152.954	41936.395	50916.906	33.499	34.623	23.846	1.025	14.718					
	11/2/2017 4:30	23400	67.907	15.767	152.967	41975.52	50963.156	33.533	34.655	23.823	1.025	14.711					
	11/2/2017 4:45	24300	67.896	15.767	152.943	41960.996	50945.523	33.52	34.643	23.832	1.025	14.722					
	11/2/2017 5:00	25200	67.905	15.767	152.962	41951.805	50934.168	33.512	34.635	23.837	1.025	14.714					
	11/2/2017 5:15	26100	67.905	15.767	152.962	41934.988	50913.219	33.497	34.621	23.846	1.025	14.72					
	11/2/2017 5:30	27000	67.904	15.767	152.961	41971.391	50957.945	33.529	34.651	23.826	1.025	14.722					
	11/2/2017 5:45	27900	67.91	15.767	152.974	41942.781	50922.68	33.504	34.627	23.842	1.025	14.721					
	11/2/2017 6:00	28800	67.915	15.768	152.986	41953.281	50934.488	33.512	34.635	23.836	1.025	14.717					
	11/2/2017 6:15	29700	67.911	15.768	152.976	41979.25	50966.016	33.535	34.657	23.821	1.025	14.723					
	11/2/2017 6:30	30600	67.929	15.768	153.016	41938.195	50916.813	33.499	34.623	23.845	1.025	14.72					
	11/2/2017 6:45	31500	67.927	15.768	153.012	41953.422	50934.977	33.513	34.636	23.836	1.025	14.725					
	11/2/2017 7:00	32400	67.937	15.768	153.035	41972.199	50957.992	33.53	34.651	23.825	1.025	14.725					
	11/2/2017 7:15	33300	67.945	15.768	153.045	41964.367	50948.266	33.522	34.645	23.805	1.025	14.719					
	11/2/2017 7:30	34200	67.947	15.768	153.057	41975.609	50961.496	33.532	34.654	23.823	1.025	14.731					
	11/2/2017 7:45	35100	67.961	15.768	153.088	41944.125	50923.59	33.504	34.628	23.841	1.025	14.729					
	11/2/2017 8:00	36000	67.964	15.768	153.095	41979.078	50966.551	33.536	34.657	23.821	1.025	14.737					
	11/2/2017 8:15	36900	67.974	15.768	153.118	41973.434	50958.551	33.53	34.652	23.825	1.025	14.736					
	11/2/2017 8:30	37800	67.985	15.768	153.142	41985.488	50940.711	33.517	34.64	23.833	1.025	14.74					
	11/2/2017 8:45	38700	67.989	15.768	153.153	41978.707	50965.891	33.535	34.657	23.822	1.025	14.742					
	11/2/2017 9:00	39600	67.995	15.768	153.164	41946.934	50926.898	33.507	34.63	23.84	1.025	14.749					
	11/2/2017 9:15	40500	68.002	15.767	153.182	41929.332	50907.082	33.492	34.617	23.85	1.025	14.748					
	11/2/2017 9:30	41400	68.01	15.767	153.2	41932.273	50910.551	33.495	34.619	23.848	1.025	14.748					
	11/2/2017 9:45	42300	68.018	15.766	153.217	41954.762	50938.691	33.515	34.638	23.835	1.025	14.75					
	11/2/2017 10:00	43200	68.015	15.766	153.21	41933.18	50912.598	33.496	34.621	23.847	1.025	14.758					
	11/2/2017 10:15	44100	68.032	15.766	153.248	41954.773	50938.605	33.515	34.638	23.835	1.025	14.755					
	11/2/2017 10:30	45000	68.03	15.765	153.243	41979.285	50969.609	33.538	34.659	23.821	1.025	14.757					
	11/2/2017 10:45	45900	68.048	15.766	153.284	41957.199	50942.273	33.518	34.641	23.834	1.025	14.747					
	11/2/2017 11:00	46800	68.052	15.764	153.294	41923.711	50903.281	33.489	34.614	23.853	1.025	14.747					
	11/2/2017 11:15	47700	68.054	15.764	153.298	42015.387	51014.594	33.571	34.669	23.801	1.025	14.741					
	11/2/2017 11:30	48600	68.049	15.765	153.286	41988.988	50982.008	33.547	34.668	23.816	1.025	14.747					
	11/2/2017 11:45	49500	68.053	15.764	153.295	42008.539	51006.295	33.565	34.684	23.805	1.025	14.745					
	11/2/2017 12:00	50400	68.061	15.763	153.314	42056.672	51066.082	33.609	34.725	23.777	1.025	14.748					
	11/2/2017 12:15	51300	68.047	15.763	153.283	42023.945	51026.348	33.579	34.698	23.796	1.025	14.745					
	11/2/2017 12:30	52200	68.044	15.762	153.277	42059.355	51070.281	33.612	34.728	23.776	1.025	14.745					
	11/2/2017 12:45	53100	68.036	15.762	153.258	41981.578	50975.723	33.542	34.663	23.802	1.025	14.743					
	11/2/2017 13:00	54000	68.031	15.763	153.241	42059.691	51070.271	33.612	34.728	23.776	1.025	14.744					
	11/2/2017 13:15	54900	68.023	15.762	153.228	42014.168	51016.035	33.572	34.691	23.821	1.025	14.745					
	11/2/2017 13:30	55800	68.019	15.762	153.219	42040.711	51047.43	33.595	34.712	23.786	1.025	14.741					
	11/2/2017 13:45	56700	68.007	15.761	153.192	42024.27	51028.727	33.581	34.7	23.796	1.025	14.739					
	11/2/2017 14:00	57600	67.999	15.761	153.174	42041.789	51050.102	33.597	34.714	23.786	1.025	14.738					
	11/2/2017 14:15	58500	67.995	15.762	153.165	42037.219	51043.285	33.592	34.709	23.788	1.025	14.734					
	11/2/2017 14:30	59400	67.982	15.762	153.136	42034.055	51039.865	33.589	34.707	23.79	1.025	14.742					
	11/2/2017 14:45	60300	67.981	15.762	153.135	42012.387	51013.875	33.57	34.689	23.803	1.025	14.731					
	11/2/2017 15:00	61200	67.97	15.762	153.109	42073.625	51087.809	33.625	34.74	23.768	1.025	14.734					
	11/2/2017 15:15	62100	67.963	15.762	153.093	42053.953	51063.508	33.607	34.723	23.779	1.025	14.733					
	11/2/2017 15:30	63000	67.952	15.763	153.068	42039.934	51045.762	33.594	34.711	23.787	1.025	14.738					
	11/2/2017 15:45	63900	67.947	15.762	153.058	41974.563	50967.727	33.536	34.658	23.824	1.025	14.735					
	11/2/2017 16:00	64800	67.944	15.763	153.05	41915.629	50905.344	33.483	34.609	23.857	1.025	14.729					
	11/2/2017 16:15	65700	67.938	15.763	153.038	41944.414	50893.125	33.482	34.607	23.858	1.025	14.735					
	11/2/2017 16:30	66600	67.927	15.763	153.012	41979.75	50972.258	33.54	34.661	23.821	1.025	14.737					
	11/2/2017 16:45	67500	67.922	15.764	153	41926.59	50907.09	33.492	34.617	23.851	1.025	14.735					
	11/2/2017 17:00	68400	67.909	15.763	152.973	41934.117	51016.852	33.499	34.623	23.847	1.025	14.742					
	11/2/2017 17:15	69300	67.907	15.764	152.968	41928.477	50909.578	33.494	34.619	23.85	1.025	14.737					
	11/2/2017 17:30	70200	67.904	15.764	152.961	41959.305	50946.91	33.521	34.643	23.833	1.025	14.735		</			

11/2/2017 20:00	79200	67914	15766	152984	41927.773	50905.926	33.491	34.616	23851	1.025	14.744
11/2/2017 20:15	80100	67925	15766	153008	41941.426	50922.184	33.503	34.627	23843	1.025	14.734
11/2/2017 20:30	81000	67917	15766	15299	41929.723	50908.191	33.493	34.618	23849	1.025	14.741
11/2/2017 20:45	81900	67924	15768	153005	41933.504	50911.117	33.495	34.62	23847	1.025	14.738
11/2/2017 21:00	82800	67935	15767	15303	41908.309	50881.77	33.473	34.6	23862	1.025	14.736
11/2/2017 21:15	83700	6793	15766	153019	41910.184	50884.449	33.475	34.601	23861	1.025	14.743
11/2/2017 21:30	84600	67948	15767	153059	41924.367	50907.773	33.487	34.613	23852	1.025	14.735
11/2/2017 21:45	85500	67939	15767	153039	41936.012	50915.305	33.498	34.622	23846	1.025	14.744
11/2/2017 22:00	86400	67946	15767	153056	41936.063	50914.43	33.498	34.622	23846	1.025	14.746
11/2/2017 22:15	87300	67956	15766	153077	41944.941	50926.672	33.506	34.63	23841	1.025	14.739
11/2/2017 22:30	88200	67954	15767	153072	41953.938	50936.754	33.514	34.637	23836	1.025	14.742
11/2/2017 22:45	89100	67949	15767	153061	41948.841	50931.539	33.51	34.633	23838	1.025	14.745
11/2/2017 23:00	90000	6795	15766	153063	41912.956	50888.69	33.478	34.604	23859	1.025	14.747
11/2/2017 23:15	90900	67961	15766	153088	41902.152	50874.926	33.468	34.595	23865	1.025	14.741
11/2/2017 23:30	91800	6796	15766	153087	41959.172	50944.352	33.519	34.642	23833	1.025	14.744
11/2/2017 23:45	92700	67955	15766	153075	41906.809	50880.371	33.472	34.599	23862	1.025	14.749
11/3/2017 0:00	93600	67958	15766	153083	41934.734	50915	33.498	34.622	23847	1.025	14.745
11/3/2017 0:15	94500	67956	15765	153077	41903.508	50877.301	33.47	34.597	23864	1.025	14.75
11/3/2017 0:30	95400	67962	15766	15309	41925.902	50903.961	33.49	34.615	23852	1.025	14.746
11/3/2017 0:45	96300	67958	15765	153082	41952.34	50937.512	33.514	34.638	23837	1.025	14.744
11/3/2017 1:00	97200	67955	15765	153074	41916.152	50892.957	33.482	34.607	23857	1.025	14.744
11/3/2017 1:15	98100	67947	15765	153058	41924.363	50902.832	33.489	34.614	23852	1.025	14.746
11/3/2017 1:30	99000	67945	15765	153052	41921.871	50900	33.487	34.612	23854	1.025	14.739
11/3/2017 1:45	99900	67941	15765	153043	41904.684	50879.25	33.471	34.598	23864	1.025	14.743
11/3/2017 2:00	100800	67932	15765	153023	41923.457	50902.043	33.488	34.613	23853	1.025	14.749
11/3/2017 2:15	101700	67929	15765	153016	41951.93	50936.715	33.514	34.637	23837	1.025	14.748
11/3/2017 2:30	102600	67921	15765	153	41914.336	50890.34	33.48	34.605	23858	1.025	14.746
11/3/2017 2:45	103500	67907	15765	152967	41933.391	50913.68	33.497	34.621	23847	1.025	14.751
11/3/2017 3:00	104400	67907	15765	152968	41950.652	50935.262	33.513	34.636	23838	1.025	14.74
11/3/2017 3:15	105300	679	15766	152952	41914.773	50890.652	33.48	34.606	23858	1.025	14.745
11/3/2017 3:30	106200	67989	15766	152908	41948.648	50911.566	33.51	34.633	23839	1.025	14.749
11/3/2017 3:45	107100	67887	15766	152923	41921.688	50899.047	33.486	34.611	23854	1.025	14.742
11/3/2017 4:00	108000	67886	15766	152921	41898.52	50870.605	33.465	34.592	23867	1.025	14.732
11/3/2017 4:15	108900	67881	15766	15291	41946.594	50928.883	33.508	34.632	23.84	1.025	14.736
11/3/2017 4:30	109800	67872	15767	152889	41955.051	50938.422	33.515	34.638	23.835	1.025	14.746
11/3/2017 4:45	110700	67876	15767	152896	41926.832	50903.734	33.49	34.615	23.851	1.025	14.744
11/3/2017 5:00	111600	6787	15766	152883	41945.016	50916.338	33.479	34.63	23.841	1.025	14.746
11/3/2017 5:15	112500	67869	15768	152881	41935.5	50913.641	33.497	34.621	23.846	1.025	14.745
11/3/2017 5:30	113400	67867	15767	152877	41900.246	50871.145	33.466	34.592	23.866	1.025	14.752
11/3/2017 5:45	114300	67868	15767	152878	41934.418	50912.434	33.496	34.62	23.847	1.025	14.75
11/3/2017 6:00	115200	67876	15768	152897	41971.453	50957.086	33.529	34.651	23.826	1.025	14.744
11/3/2017 6:15	116100	67878	15767	152901	41951.68	50933.391	33.511	34.635	23.837	1.025	14.748
11/3/2017 6:30	117000	67889	15768	152926	41929.633	50905.726	33.491	34.616	23.849	1.025	14.749
11/3/2017 6:45	117900	67894	15768	152939	41938.945	50916.984	33.499	34.624	23.844	1.025	14.738
11/3/2017 7:00	118800	67894	15768	152938	41920.664	50894.484	33.483	34.608	23.855	1.025	14.746
11/3/2017 7:15	119700	67909	15769	152972	41916.34	50889.125	33.479	34.605	23.857	1.025	14.74
11/3/2017 7:30	120600	67914	15768	152984	41912.293	50884.625	33.476	34.602	23.859	1.025	14.745
11/3/2017 7:45	121500	67914	15768	152984	41948.73	50928.965	33.508	34.632	23.839	1.025	14.748
11/3/2017 8:00	122400	67920	15768	153014	41929.59	50905.944	33.495	34.616	23.86	1.025	14.746
11/3/2017 8:15	123300	67925	15768	153029	41952.348	50933.16	33.511	34.635	23.837	1.025	14.749
11/3/2017 8:30	124200	67954	15768	153073	41948.879	50928.836	33.508	34.632	23.839	1.025	14.745
11/3/2017 8:45	125100	67949	15768	153063	41918.996	50893.18	33.482	34.607	23.856	1.025	14.75
11/3/2017 9:00	126000	67956	15768	153079	41933.691	50911.238	33.495	34.62	23.847	1.025	14.757
11/3/2017 9:15	126900	6797	15768	153109	41913.094	50886.34	33.477	34.603	23.859	1.025	14.758
11/3/2017 9:30	127800	67977	15768	153125	41906.168	50880.457	33.473	34.599	23.862	1.025	14.763
11/3/2017 9:45	128700	6799	15767	153154	41914.781	50889.215	33.479	34.605	23.858	1.025	14.765
11/3/2017 10:00	129600	67992	15767	153158	41929.852	50907.512	33.492	34.617	23.849	1.025	14.765
11/3/2017 10:15	130500	68006	15767	153191	41912.238	50886.539	33.477	34.603	23.859	1.025	14.757
11/3/2017 10:30	131400	68018	15766	153218	41917.25	50893.051	33.482	34.607	23.857	1.025	14.753
11/3/2017 10:45	132300	68009	15766	153198	41954.465	50938.531	33.515	34.638	23.835	1.025	14.762
11/3/2017 11:00	133200	68012	15766	153204	41945.219	50927.73	33.507	34.631	23.841	1.025	14.761
11/3/2017 11:15	134100	68018	15765	153217	41930.316	50910.059	33.494	34.619	23.849	1.025	14.761
11/3/2017 11:30	135000	68014	15765	153208	41924.914	50903.813	33.49	34.615	23.852	1.025	14.765
11/3/2017 11:45	135900	68015	15764	15321	41916.5	50894.645	33.483	34.608	23.857	1.025	14.761
11/3/2017 12:00	136800	68019	15764	15322	41944.199	50928.156	33.507	34.631	23.841	1.025	14.754
11/3/2017 12:15	137700	68019	15763	153218	41930.625	50912.613	33.496	34.621	23.849	1.025	14.752
11/3/2017 12:30	138600	68014	15763	153208	41921.176	50901.453	33.488	34.613	23.854	1.025	14.754
11/3/2017 12:45	139500	68013	15762	153206	41961.438	50951.387	33.524	34.647	23.831	1.025	14.749
11/3/2017 13:00	140400	68009	15762	153196	41930.391	50913.473	33.496	34.621	23.849	1.025	14.746
11/3/2017 13:15	141300	68005	15762	153189	41919.684	50901.309	33.487	34.613	23.855	1.025	14.745
11/3/2017 13:30	142200	68001	15762	153179	41916.43	50897.238	33.484	34.61	23.857	1.025	14.749
11/3/2017 13:45	143100	67991	15762	153157	41902.953	50880.371	33.472	34.599	23.865	1.025	14.747
11/3/2017 14:00	144000	67991	15762	153157	41907.703	50886.449	33.477	34.603	23.862	1.025	14.739
11/3/2017 14:15	144900	67981	15761	153133	419015.48	50889.026	33.488	34.623	23.849	1.025	14.743
11/3/2017 14:30	145800	67967	15761	153103	41903.441	50881.891	33.473	34.6	23.864	1.025	14.741
11/3/2017 14:45	146700	67965	15762	153099	41897.766	50874.898	33.468	34.595	23.868	1.025	14.733
11/3/2017 15:00	147600	67955	15762	153075	41901.012	50878.418	33.471	34.597	23.866	1.025	14.736
11/3/2017 15:15	148500	67945	15762	153052	41902.996	50880.523	33.472	34.599	23.865	1.025	14.737
11/3/2017 15:30	149400	67938	15762	153037	41904.719	50882.824	33.474	34.6	23.864	1.025	14.735
11/3/2017 15:45	150300	67936	15763	153034	41922.363	50902.363	33.488	34.614	23.854	1.025	14.736
11/3/2017 16:00	151200	67924	15762	153005	41936.977	50922.09	33.503	34.627	23.845	1.025	14.732
11/3/2017 16:15	152100	67913	15762	15298	41933.414	50917.145	33.499	34.624	23.847	1.025	14.73
11/3/2017 16:30	153000	67909	15762	152973	41928.836	50911.484	33.495	34.62	23.85	1.025	14.727
11/3/2017 16:45	153900	67898	15763	152947	41906.793	50883.992	33.475	34.601	23.862	1.025	14.733
11/3/2017 17:00	154800	6789	15763	152929	41902.871	50878.805	33.471				

11/5/2017 0:45	269100	67.889	15.767	152.926	41913.625	50887.281	33.478	34.603	23.859	1.025	14.781
11/5/2017 1:00	270000	67.89	15.768	152.929	41932.391	50909.551	33.494	34.618	23.848	1.025	14.782
11/5/2017 1:15	270900	67.893	15.767	152.935	41908.594	50881.281	33.473	34.599	23.861	1.025	14.782
11/5/2017 1:30	271800	67.892	15.766	152.933	41900.801	50872.859	33.467	34.594	23.866	1.025	14.782
11/5/2017 1:45	272700	67.89	15.768	152.928	41931.625	50908.938	33.493	34.618	23.848	1.025	14.782
11/5/2017 2:00	273600	67.899	15.767	152.948	41948.328	50929.949	33.509	34.632	23.839	1.025	14.778
11/5/2017 2:15	274500	67.886	15.767	152.921	41919.067	50874.754	33.483	34.608	23.855	1.025	14.786
11/5/2017 2:30	275400	67.889	15.767	152.926	41968.641	50954.496	33.527	34.649	23.827	1.025	14.783
11/5/2017 2:45	276300	67.883	15.766	152.913	41957.16	50941.18	33.517	34.64	23.834	1.025	14.783
11/5/2017 2:00	277200	67.883	15.766	152.913	41925.629	50902.898	33.489	34.614	23.852	1.025	14.781
11/5/2017 2:15	278100	67.864	15.767	152.87	41927.039	50903.988	33.49	34.615	23.851	1.025	14.789
11/5/2017 2:30	279000	67.876	15.767	152.898	41896	50869.401	33.462	34.589	23.869	1.025	14.782
11/5/2017 2:45	279900	67.87	15.767	152.885	41929.805	5097.467	33.493	34.617	23.849	1.025	14.78
11/5/2017 3:00	280800	67.854	15.766	152.847	41901.797	50874.188	33.468	34.594	23.865	1.025	14.79
11/5/2017 3:15	281700	67.855	15.766	152.85	41932.047	50911.016	33.495	34.619	23.848	1.025	14.781
11/5/2017 3:30	282600	67.847	15.766	152.832	41926.047	50903.512	33.489	34.614	23.852	1.025	14.786
11/5/2017 3:45	283500	67.848	15.766	152.835	41912.68	50887.176	33.477	34.603	23.859	1.025	14.784
11/5/2017 4:00	284400	67.845	15.767	152.827	41890.438	50859.551	33.457	34.584	23.872	1.025	14.782
11/5/2017 4:15	285300	67.845	15.767	152.827	41923.23	50899.473	33.486	34.612	23.853	1.025	14.784
11/5/2017 4:30	286200	67.834	15.767	152.802	41891.828	50861.141	33.458	34.586	23.871	1.025	14.788
11/5/2017 4:45	287100	67.833	15.767	152.801	41919	50893.715	33.482	34.608	23.856	1.025	14.789
11/5/2017 5:00	288000	67.832	15.767	152.798	41893.27	50863.098	33.46	34.587	23.87	1.025	14.792
11/5/2017 5:15	288900	67.843	15.768	152.824	41933.918	50911.516	33.495	34.62	23.847	1.025	14.794
11/5/2017 5:30	289800	67.829	15.768	152.792	41893.645	50862.727	33.46	34.587	23.87	1.025	14.79
11/5/2017 5:45	290700	67.831	15.768	152.797	41951.523	50933.894	33.511	34.635	23.837	1.025	14.792
11/5/2017 6:00	291600	67.84	15.768	152.816	41930.164	50906.422	33.492	34.616	23.849	1.025	14.791
11/5/2017 6:15	292500	67.84	15.768	152.816	41909.719	50882.242	33.474	34.6	23.861	1.025	14.795
11/5/2017 6:30	293400	67.846	15.768	152.83	41940.707	50919.121	33.501	34.625	23.843	1.025	14.793
11/5/2017 6:45	294300	67.846	15.768	152.83	41906.383	50877.551	33.47	34.597	23.863	1.025	14.8
11/5/2017 7:00	295200	67.852	15.768	152.843	41942.125	50921.262	33.503	34.626	23.842	1.025	14.801
11/5/2017 7:15	296100	67.852	15.768	152.843	41930.59	50906.742	33.492	34.617	23.849	1.025	14.809
11/5/2017 7:30	297000	67.868	15.769	152.88	41921.895	50895.871	33.484	34.609	23.854	1.025	14.803
11/5/2017 7:45	297900	67.877	15.768	152.899	41902.832	50873.141	33.467	34.594	23.865	1.025	14.801
11/5/2017 8:00	298800	67.875	15.768	152.894	41898.242	50867.359	33.463	34.59	23.867	1.025	14.813
11/5/2017 8:15	299700	67.896	15.768	152.941	41899.477	50869.59	33.465	34.591	23.867	1.025	14.808
11/5/2017 8:30	300600	67.908	15.768	152.97	41925.574	50901.066	33.488	34.613	23.852	1.025	14.809
11/5/2017 8:45	301500	67.905	15.768	152.962	41968.145	50952.34	33.525	34.648	23.826	1.025	14.818
11/5/2017 9:00	302400	67.925	15.768	153.008	41914.559	50887.898	33.478	34.604	23.858	1.025	14.815
11/5/2017 9:15	303300	67.934	15.768	153.029	41931.629	50908.734	33.493	34.618	23.848	1.025	14.811
11/5/2017 9:30	304200	67.939	15.767	153.04	41924.559	50900.777	33.487	34.613	23.852	1.025	14.816
11/5/2017 9:45	305100	67.945	15.767	153.053	41890.543	50859.676	33.457	34.585	23.872	1.025	14.818
11/5/2017 10:00	306000	67.956	15.766	153.077	41862.145	50826.352	33.433	34.562	23.888	1.025	14.816
11/5/2017 10:15	306900	67.946	15.766	153.1	41907.273	50881.449	33.473	34.599	23.862	1.025	14.814
11/5/2017 10:30	307800	67.978	15.766	153.127	41887.508	50857.234	33.455	34.583	23.873	1.025	14.814
11/5/2017 10:45	308700	67.986	15.766	153.146	41930.43	50909.563	33.494	34.619	23.849	1.025	14.813
11/5/2017 11:00	309600	67.991	15.765	153.157	41926.895	50906.102	33.491	34.616	23.851	1.025	14.813
11/5/2017 11:15	310500	67.993	15.764	153.16	41886.813	50858.273	33.456	34.584	23.874	1.025	14.812
11/5/2017 11:30	311400	67.999	15.763	153.174	41925.68	50906.605	33.491	34.616	23.852	1.025	14.805
11/5/2017 11:45	312300	67.946	15.764	153.177	41896.824	50871.148	33.465	34.592	23.868	1.025	14.808
11/5/2017 12:00	313200	68.001	15.763	153.178	41952.789	50939.523	33.516	34.639	23.836	1.025	14.803
11/5/2017 12:15	314100	67.997	15.763	153.169	41927.746	50909.008	33.493	34.618	23.851	1.025	14.799
11/5/2017 12:30	315000	67.995	15.762	153.166	41935.125	50919.223	33.501	34.625	23.846	1.025	14.794
11/5/2017 12:45	315900	67.995	15.762	153.166	41943.125	50929.348	33.508	34.632	23.842	1.025	14.793
11/5/2017 13:00	316800	67.996	15.762	153.169	41908.719	50888.102	33.478	34.604	23.861	1.025	14.786
11/5/2017 13:15	317700	67.989	15.76	153.151	41956.578	50947.875	33.522	34.645	23.834	1.025	14.786
11/5/2017 13:30	318600	67.985	15.761	153.142	41960.949	5095.138	33.525	34.647	23.832	1.025	14.78
11/5/2017 13:45	319500	67.972	15.761	153.113	41933.328	50919.23	33.501	34.625	23.847	1.025	14.787
11/5/2017 14:00	320400	67.968	15.76	153.105	41925.059	50910.121	33.494	34.619	23.852	1.025	14.781
11/5/2017 14:15	321300	67.963	15.76	153.094	41928.359	50914.023	33.497	34.622	23.85	1.025	14.78
11/5/2017 14:30	322200	67.956	15.76	153.078	41930.09	50915.809	33.498	34.623	23.849	1.025	14.778
11/5/2017 14:45	323100	67.945	15.76	153.053	41964.465	50957.688	33.529	34.651	23.83	1.025	14.778
11/5/2017 15:00	324000	67.934	15.763	153.029	41899.117	50877.895	33.47	34.597	23.867	1.025	14.791
11/5/2017 15:15	324900	67.928	15.76	153.014	41972.18	50966.82	33.535	34.657	23.825	1.025	14.777
11/5/2017 15:30	325800	67.922	15.76	153.001	41936.125	50923.137	33.503	34.628	23.846	1.025	14.775
11/5/2017 15:45	326700	67.906	15.759	152.964	41896	50875.152	33.468	34.595	23.869	1.025	14.78
11/5/2017 16:00	327600	67.903	15.76	152.957	41918.297	50901.184	33.487	34.613	23.856	1.025	14.777
11/5/2017 16:15	328500	67.883	15.76	152.914	41923.914	50908.309	33.492	34.618	23.853	1.025	14.778
11/5/2017 16:30	329400	67.87	15.761	152.885	41893.316	50875.805	33.465	34.592	23.87	1.025	14.781
11/5/2017 16:45	330300	67.859	15.761	152.859	41941.859	50929.281	33.508	34.632	23.843	1.025	14.779
11/5/2017 17:00	331200	67.851	15.762	152.841	41867.352	50837.645	33.441	34.57	23.885	1.025	14.774
11/5/2017 17:15	332100	67.845	15.761	152.828	41896.672	50873.891	33.467	34.594	23.868	1.025	14.772
11/5/2017 17:30	333000	67.84	15.761	152.816	41911.543	50891.73	33.48	34.606	23.86	1.025	14.766
11/5/2017 17:45	333900	67.818	15.762	152.767	41903.082	50880.313	33.472	34.599	23.865	1.025	14.782
11/5/2017 18:00	334800	67.813	15.763	152.755	41935.34	50925.34	33.501	34.625	23.846	1.025	14.785
11/5/2017 18:15	335700	67.81	15.763	152.749	41895.91	50871.309	33.465	34.592	23.869	1.025	14.781
11/5/2017 18:30	336600	67.803	15.764	152.732	41923.5	50903.336	33.489	34.614	23.853	1.025	14.776
11/5/2017 18:45	337500	67.802	15.764	152.73	41893.785	50867.457	33.463	34.59	23.87	1.025	14.774
11/5/2017 19:00	338400	67.797	15.764	152.718	41899.762	50874.094	33.468	34.594	23.866	1.025	14.78
11/5/2017 19:15	339300	67.791	15.765	152.707	41919.215	50896.992	33.485	34.61	23.855	1.025	14.782
11/5/2017 19:30	340200	67.794	15.765	152.712	41932.652	50913.329	33.496	34.621	23.848	1.025	14.79
11/5/2017 19:45	341100	67.786	15.765	152.695	41902.383	50875.828	33.469	34.596	23.865	1.025	14.781
11/5/2017 20:00	342000	67.785	15.765	152.692	41909.172	50884.07	33.475	34.601	23.861	1.025	14.788
11/5/2017 20:15	342900	67.792	15.766	152.709	41899.098	50870.91	33.465	34.5			

11/7/2017 4:30	459000	67.803	15.768	152.733	41904.703	50875.727	33.469	34.595	23.864	1.025	14.783
11/7/2017 4:45	459900	67.804	15.768	152.735	41925.254	50900.777	33.488	34.613	23.852	1.025	14.781
11/7/2017 5:00	460800	67.81	15.768	152.748	41913.68	50886.527	33.477	34.603	23.859	1.025	14.78
11/7/2017 5:15	461700	67.795	15.768	152.714	41895.145	50864.547	33.461	34.588	23.869	1.025	14.789
11/7/2017 5:30	462600	67.793	15.768	152.71	41954.699	50936.109	33.514	34.637	23.835	1.025	14.788
11/7/2017 5:45	463500	67.789	15.768	152.702	41931.881	50908.734	33.493	34.618	23.848	1.025	14.795
11/7/2017 6:00	464400	67.793	15.768	152.711	41907.598	50878.664	33.472	34.598	23.862	1.025	14.787
11/7/2017 6:15	465300	67.788	15.767	152.698	41926.09	50902.738	33.489	34.614	23.851	1.025	14.791
11/7/2017 6:30	466200	67.787	15.768	152.696	41936.926	50914.949	33.498	34.622	23.845	1.025	14.794
11/7/2017 6:45	467100	67.785	15.768	152.691	41932.09	50908.977	33.494	34.618	23.848	1.025	14.791
11/7/2017 7:00	468000	67.792	15.767	152.707	41882.785	50849.84	33.45	34.578	23.876	1.025	14.79
11/7/2017 7:15	468900	67.798	15.768	152.721	41927.686	50903.828	33.49	34.615	23.851	1.025	14.791
11/7/2017 7:30	469800	67.798	15.768	152.721	41933.594	50910.805	33.495	34.619	23.847	1.025	14.79
11/7/2017 7:45	470700	67.797	15.768	152.718	41938.461	50917.031	33.499	34.624	23.844	1.025	14.792
11/7/2017 8:00	471600	67.805	15.768	152.738	41947.918	50928.512	33.508	34.631	23.839	1.025	14.792
11/7/2017 8:15	472500	67.813	15.768	152.756	41925.449	50901.438	33.488	34.613	23.852	1.025	14.791
11/7/2017 8:30	473400	67.811	15.768	152.752	41947.219	50927.867	33.507	34.631	23.839	1.025	14.801
11/7/2017 8:45	474300	67.817	15.768	152.765	41922.172	50897.254	33.485	34.61	23.854	1.025	14.801
11/7/2017 9:00	475200	67.822	15.767	152.776	41936.609	50915.512	33.498	34.623	23.846	1.025	14.796
11/7/2017 9:15	476100	67.832	15.768	152.799	41905.887	50877.164	33.47	34.596	23.863	1.025	14.796
11/7/2017 9:30	477000	67.841	15.767	152.819	41906.328	50878.422	33.471	34.597	23.863	1.025	14.79
11/7/2017 9:45	477900	67.85	15.767	152.839	41924.078	50899.973	33.487	34.612	23.853	1.025	14.788
11/7/2017 10:00	478800	67.86	15.768	152.861	41904.543	50876.055	33.469	34.596	23.864	1.025	14.778
11/7/2017 10:15	479700	67.862	15.767	152.866	41927.57	50905.055	33.491	34.615	23.851	1.025	14.784
11/7/2017 10:30	480600	67.876	15.767	152.897	41926.328	50903.434	33.489	34.614	23.851	1.025	14.787
11/7/2017 10:45	481500	67.881	15.766	152.909	41944.43	50925.949	33.506	34.63	23.841	1.025	14.782
11/7/2017 11:00	482400	67.886	15.766	152.921	41908.574	50882.191	33.474	34.6	23.861	1.025	14.782
11/7/2017 11:15	483300	67.888	15.766	152.924	41902.871	50875.375	33.469	34.595	23.865	1.025	14.784
11/7/2017 11:30	484200	67.91	15.766	152.974	41923.164	50900.527	33.487	34.612	23.853	1.025	14.769
11/7/2017 11:45	485100	67.907	15.765	152.967	41912.934	50888.953	33.479	34.604	23.859	1.025	14.777
11/7/2017 12:00	486000	67.906	15.764	152.964	41919.025	50898.09	33.485	34.611	23.855	1.025	14.78
11/7/2017 12:15	486900	67.911	15.764	152.977	41929.434	50909.922	33.494	34.619	23.85	1.025	14.769
11/7/2017 12:30	487800	67.917	15.764	152.99	41904.348	50880.082	33.472	34.598	23.864	1.025	14.773
11/7/2017 12:45	488700	67.917	15.764	152.99	41914.008	50892.238	33.481	34.607	23.858	1.025	14.771
11/7/2017 13:00	489600	67.922	15.763	153.002	41917.68	50897.211	33.485	34.61	23.856	1.025	14.766
11/7/2017 13:15	490500	67.928	15.763	153.015	41902.461	50878.73	33.471	34.598	23.865	1.025	14.762
11/7/2017 13:30	491400	67.923	15.763	153.003	41905.943	50882.789	33.474	34.6	23.863	1.025	14.764
11/7/2017 13:45	492300	67.927	15.761	153.012	41898.406	50876.094	33.469	34.596	23.867	1.025	14.763
11/7/2017 14:00	493200	67.921	15.762	152.998	41891.148	50866.766	33.462	34.589	23.871	1.025	14.764
11/7/2017 14:15	494100	67.926	15.762	153.011	41909.625	50889.301	33.479	34.605	23.861	1.025	14.76
11/7/2017 14:30	495000	67.916	15.761	152.986	41920.594	50903.34	33.489	34.614	23.855	1.025	14.764
11/7/2017 14:45	495900	67.907	15.76	152.967	41882.441	50857.75	33.455	34.583	23.876	1.025	14.766
11/7/2017 15:00	496800	67.909	15.76	152.972	41899.098	50878.987	33.47	34.597	23.867	1.025	14.758
11/7/2017 15:15	497700	67.905	15.76	152.962	41887.488	50864.078	33.46	34.588	23.873	1.025	14.756
11/7/2017 15:30	498600	67.895	15.76	152.939	41899.031	50878.32	33.47	34.597	23.867	1.025	14.756
11/7/2017 15:45	499500	67.89	15.76	152.93	41898.906	50878.465	33.47	34.597	23.867	1.025	14.754
11/7/2017 16:00	500400	67.883	15.759	152.914	41897.07	50877.277	33.47	34.597	23.868	1.025	14.751
11/7/2017 16:15	501300	67.868	15.76	152.88	41927.941	50913.723	33.496	34.621	23.85	1.025	14.758
11/7/2017 16:30	502200	67.868	15.759	152.885	41956.965	50949.492	33.523	34.646	23.834	1.025	14.754
11/7/2017 16:45	503100	67.861	15.759	152.863	41919.809	50904.992	33.49	34.615	23.855	1.025	14.754
11/7/2017 17:00	504000	67.848	15.759	152.834	41887.918	50865.445	33.461	34.589	23.873	1.025	14.752
11/7/2017 17:15	504900	67.842	15.759	152.821	41919.574	50903.988	33.489	34.615	23.855	1.025	14.749
11/7/2017 17:30	505800	67.819	15.76	152.768	41918.98	50902.742	33.488	34.614	23.856	1.025	14.759
11/7/2017 17:45	506700	67.819	15.76	152.768	41943.754	50932.301	33.51	34.634	23.841	1.025	14.756
11/7/2017 18:00	507600	67.812	15.76	152.754	41883.594	50859.348	33.456	34.584	23.876	1.025	14.755
11/7/2017 18:15	508500	67.796	15.76	152.718	41904.773	50884.762	33.475	34.602	23.864	1.025	14.754
11/7/2017 18:30	509400	67.789	15.761	152.701	41925.211	50908.742	33.493	34.618	23.852	1.025	14.764
11/7/2017 18:45	510300	67.77	15.761	152.658	41882.781	50856.805	33.455	34.583	23.876	1.025	14.765
11/7/2017 19:00	511200	67.769	15.761	152.656	41914.395	50895.309	33.483	34.609	23.858	1.025	14.758
11/7/2017 19:15	512100	67.767	15.762	152.651	41906.348	50884.691	33.475	34.602	23.863	1.025	14.758
11/7/2017 19:30	513000	67.751	15.762	152.616	41892.711	50867.816	33.463	34.59	23.871	1.025	14.764
11/7/2017 19:45	513900	67.756	15.762	152.626	41903.945	50914.669	33.497	34.622	23.849	1.025	14.759
11/7/2017 20:00	514800	67.739	15.763	152.589	41911.379	50890.184	33.479	34.605	23.86	1.025	14.765
11/7/2017 20:15	515700	67.74	15.764	152.59	41934.484	50916.984	33.499	34.624	23.847	1.025	14.758
11/7/2017 20:30	516600	67.736	15.764	152.581	41909.703	50887.012	33.477	34.603	23.861	1.025	14.759
11/7/2017 20:45	517500	67.729	15.764	152.567	41901.887	50876.676	33.47	34.596	23.865	1.025	14.753
11/7/2017 21:00	518400	67.724	15.765	152.555	41883.938	50854.16	33.453	34.581	23.876	1.025	14.766
11/7/2017 21:15	519300	67.725	15.765	152.557	41924.23	50882.789	33.489	34.614	23.853	1.025	14.758
11/7/2017 21:30	520200	67.728	15.765	152.563	41887.219	50857.828	33.456	34.583	23.874	1.025	14.769
11/7/2017 21:45	521100	67.733	15.766	152.575	41908.262	50882.344	33.474	34.6	23.862	1.025	14.768
11/7/2017 22:00	522000	67.73	15.766	152.569	41884.496	50853.688	33.453	34.581	23.875	1.025	14.776
11/7/2017 22:15	522900	67.724	15.767	152.555	41908.227	50881.352	33.473	34.599	23.862	1.025	14.777
11/7/2017 22:30	523800	67.728	15.767	152.564	41884.473	50852.309	33.452	34.58	23.875	1.025	14.772
11/7/2017 22:45	524700	67.728	15.768	152.563	41912.629	50885.875	33.477	34.602	23.859	1.025	14.759
11/7/2017 23:00	525600	67.74	15.767	152.591	41900.492	50871.559	33.466	34.593	23.866	1.025	14.766
11/7/2017 23:15	526500	67.737	15.768	152.584	41912.75	50885.598	33.476	34.602	23.859	1.025	14.773
11/7/2017 23:30	527400	67.738	15.768	152.586	41919.559	50893.762	33.482	34.608	23.855	1.025	14.77
11/7/2017 23:45	528300	67.737	15.768	152.584	41913.328	50885.98	33.477	34.602	23.859	1.025	14.774
11/8/2017 0:00	529200	67.753	15.768	152.619	41933.902	50910.859	33.495	34.619	23.847	1.025	14.765
11/8/2017 0:15	530100	67.761	15.768	152.616	41897.785	50866.805	33.463	34.589	23.868	1.025	14.769
11/8/2017 0:30	531000	67.764	15.769	152.645	41914.379	50886.125	33.477	34.603	23.858	1.025	14.759
11/8/2017 0:45	531900	67.761	15.77	152.639	41900.781	50869.098	33.464	34.591	23.866	1.025	14.764
11/8/2017 1:00	532800	67.762	15.769	152.64	41920.305						

Report Date: 11/10/2017 8:39
Report User Name: WMassoll
Report Computer Name: WKST52
Application: WinSitu.exe
Application Version: 5.6.27.1

Log File Properties

File Name	MPWSP MW-1S LT Test_2017-11-09_09-22-32-346.wsl
Create Date	11/9/2017 9:22

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-15 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		

Notes:		Date and Time									
Note											
10/27/2015 10:02	Used Battery: 1% Used Memory: 3% User Name: reynolds										
10/27/2015 11:43	Log Download - Used Battery: 1% Used Memory: 3% User Name: reynolds										
10/29/2015 14:42	Log Download - Used Battery: 2% Used Memory: 3% User Name: KMaker										
11/5/2015 13:40	Log Download - Used Battery: 2% Used Memory: 3% User Name: KMaker 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: KMaker 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: KMaker Interval -	Start Time:	11/18/2015 7:00:00 AM	Stop Time:	12/3/2015 10:30:00 AM						
12/10/2015 8:58	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: KMaker 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: KMaker 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: KMaker 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: KMaker 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: KMaker 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: KMaker 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:	3/1/2016 12:00:00 PM	Stop Time:	3/3/2016 9:00:00 AM						
3/10/2016 8:32	Log Download - Used Battery: 8% Used Memory: 18% User Name: KMaker 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: KMaker 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 12:00:0								

Log Data:	
Record Count	722
Sensors	1
	1 421436 PCTD 100 PSIG (70m/231ft)

Time Zone: Pacific Daylight Time/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	Sensor: PCTD(G) 231ft	
		SN#: 421436 Pressure (PSI)	SN#: 421436 Temperature (C)	SN#: 421436 Depth (ft)	SN#: 421436 Actual Conductivity (µS/cm)	SN#: 421436 Specific Conductivity (µS/cm)	SN#: 421436 Salinity (PSU)	SN#: 421436 Total Dissolved Solids (ppm)	SN#: 421436 Resistivity (ohm-cm)	SN#: 421436 Water Density (g/cm3)		
11/2/2017 0:00	7200	19.118	14.822	43.066	41165.902	51099.316	33.558	34747.535	24.292	1.025		
11/2/2017 0:15	8100	19.118	14.822	43.065	41132.18	51057.668	33.528	34719.215	24.312	1.025		
11/2/2017 0:30	9000	19.115	14.82	43.059	41129.129	51056.246	33.527	34718.246	24.314	1.025		
11/2/2017 0:45	9900	19.12	14.819	43.069	41158.996	51094.395	33.555	34744.191	24.296	1.025		
11/2/2017 1:00	10800	19.123	14.822	43.077	41133.258	51058.594	33.529	34719.844	24.311	1.025		
11/2/2017 1:15	11700	19.118	14.823	43.066	41160.148	51091.324	33.553	34742.105	24.295	1.025		
11/2/2017 1:30	12600	19.121	14.821	43.072	41133.066	51060.176	33.53	34720.922	24.311	1.025		
11/2/2017 1:45	13500	19.117	14.82	43.062	41150.129	51082.105	33.546	34735.832	24.301	1.025		
11/2/2017 2:00	14400	19.119	14.817	43.068	41156.41	51093.543	33.554	34743.609	24.298	1.025		
11/2/2017 2:15	15300	19.114	14.822	43.056	41119.527	51042.074	33.516	34708.609	24.319	1.025		
11/2/2017 2:30	16200	19.118	14.822	43.065	41155.691	51086.965	33.549	34739.141	24.298	1.025		
11/2/2017 2:45	17100	19.113	14.823	43.054	41159.574	51090.715	33.552	34741.688	24.296	1.025		
11/2/2017 3:00	18000	19.105	14.82	43.037	41129.34	51056.723	33.527	34718.57	24.314	1.025		
11/2/2017 3:15	18900	19.101	14.819	43.028	41125.467	51052.762	33.524	34715.883	24.316	1.025		
11/2/2017 3:30	19800	19.102	14.819	43.029	41126.547	51054.859	33.525	34717.309	24.315	1.025		
11/2/2017 3:45	20700	19.098	14.819	43.021	41137.449	51067.969	33.535	34726.219	24.309	1.025		
11/2/2017 4:00	21600	19.095	14.821	43.013	41151.234	51083.273	33.546	34736.625	24.301	1.025		
11/2/2017 4:15	22500	19.085	14.822	42.99	41164.945	51098.777	33.558	34747.168	24.293	1.025		
11/2/2017 4:30	23400	19.084	14.82	42.988	41160.367	51095.563	33.555	34744.988	24.295	1.025		
11/2/2017 4:45	24300	19.085	14.824	42.99	41146.676	51073.629	33.54	34730.066	24.303	1.025		
11/2/2017 5:00	25200	19.085	14.823	42.991	41166.242	51099.094	33.558	34747.383	24.292	1.025		
11/2/2017 5:15	26100	19.081	14.827	42.983	41165.664	51093.551	33.555	34743.613	24.292	1.025		
11/2/2017 5:30	27000	19.078	14.82	42.975	41119.961	51045.512	33.519	34710.953	24.319	1.025		
11/2/2017 5:45	27900	19.079	14.825	42.977	41140.664	51064.461	33.533	34723.836	24.307	1.025		
11/2/2017 6:00	28800	19.079	14.824	42.976	41121.066	51041.953	33.516	34708.531	24.318	1.025		
11/2/2017 6:15	29700	19.076	14.819	42.97	41107.52	51031.238	33.508	34701.246	24.326			

11/2/2017 10:00	43200	19.102	14.825	43.029	41146.75	51071.805	33.538	34728.828	24.303	1.025
11/2/2017 10:15	44100	19.112	14.824	43.052	51066.734	51140.859	33.535	34725.379	24.307	1.025
11/2/2017 10:30	45000	19.119	14.823	43.068	41148.898	51077.566	33.542	34732.746	24.302	1.025
11/2/2017 10:45	45900	19.124	14.827	43.079	41128.078	51046.262	33.52	34711.461	24.314	1.025
11/2/2017 11:00	46800	19.124	14.823	43.078	41141.113	51067.902	33.535	34726.176	24.307	1.025
11/2/2017 11:15	47700	19.133	14.823	43.099	41166.336	51098.691	33.558	34747.113	24.292	1.025
11/2/2017 11:30	48600	19.13	14.822	43.092	41110.152	51030.762	33.508	34700.922	24.325	1.025
11/2/2017 11:45	49500	19.142	14.822	43.118	41143.418	51071.621	33.538	34728.707	24.305	1.025
11/2/2017 12:00	50400	19.138	14.822	43.111	41134.359	51060.809	33.53	34721.352	24.311	1.025
11/2/2017 12:15	51300	19.146	14.822	43.128	41123.555	51046.547	33.52	34711.656	24.317	1.025
11/2/2017 12:30	52200	19.15	14.819	43.136	41135.422	51065.02	33.533	34724.215	24.31	1.025
11/2/2017 12:45	53100	19.144	14.823	43.125	41145.113	51072.664	33.539	34729.41	24.304	1.025
11/2/2017 13:00	54000	19.146	14.825	43.129	41138.051	51061.965	33.531	34722.137	24.308	1.025
11/2/2017 13:15	54900	19.151	14.823	43.139	41173.051	51106.906	33.564	34752.695	24.288	1.025
11/2/2017 13:30	55800	19.143	14.824	43.122	41120.734	51040.898	33.516	34707.813	24.319	1.025
11/2/2017 13:45	56700	19.147	14.82	43.131	41125.039	51051.07	33.523	34714.73	24.316	1.025
11/2/2017 14:00	57600	19.146	14.822	43.129	41139.227	51066.961	33.535	34725.535	24.308	1.025
11/2/2017 14:15	58500	19.14	14.821	43.115	41158.016	51091.031	33.552	34741.906	24.297	1.025
11/2/2017 14:30	59400	19.142	14.823	43.119	41141.145	51067.531	33.535	34725.922	24.307	1.025
11/2/2017 14:45	60300	19.14	14.822	43.114	41131.266	51056.223	33.527	34718.23	24.312	1.025
11/2/2017 15:00	61200	19.144	14.821	43.124	41173.027	51109.781	33.566	34754.652	24.288	1.025
11/2/2017 15:15	62100	19.139	14.82	43.112	41118.711	51044.074	33.518	34709.977	24.32	1.025
11/2/2017 15:30	63000	19.139	14.822	43.112	41132.055	51057.305	33.528	34718.973	24.312	1.025
11/2/2017 15:45	63900	19.136	14.817	43.105	41113.77	51040.605	33.515	34707.613	24.323	1.025
11/2/2017 16:00	64800	19.135	14.82	43.102	41078.863	50993.535	33.481	34675.605	24.343	1.025
11/2/2017 16:15	65700	19.124	14.819	43.079	41107.598	51031.238	33.508	34701.246	24.326	1.025
11/2/2017 16:30	66600	19.121	14.819	43.072	41112.082	51036.156	33.512	34704.586	24.324	1.025
11/2/2017 16:45	67500	19.12	14.819	43.07	41090.875	51010.375	33.493	34687.059	24.336	1.025
11/2/2017 17:00	68400	19.115	14.821	43.059	41121.098	51045.316	33.519	34710.82	24.318	1.025
11/2/2017 17:15	69300	19.111	14.821	43.05	41120.277	51044.512	33.518	34710.27	24.319	1.025
11/2/2017 17:30	70200	19.105	14.822	43.037	41138.191	51064.715	33.533	34724.012	24.308	1.025
11/2/2017 17:45	71100	19.104	14.823	43.033	41121.77	51044	33.518	34709.922	24.318	1.025
11/2/2017 18:00	72000	19.101	14.823	43.026	41119.391	51041.047	33.516	34707.918	24.319	1.025
11/2/2017 18:15	72900	19.097	14.821	43.018	41116.063	51039.383	33.514	34706.785	24.321	1.025
11/2/2017 18:30	73800	19.09	14.819	43.001	41132.492	51061.273	33.53	34721.668	24.312	1.025
11/2/2017 18:45	74700	19.088	14.82	42.998	41094.684	51013.59	33.495	34689.242	24.334	1.025
11/2/2017 19:00	75600	19.088	14.822	42.998	4118.012	51039.668	33.515	34706.973	24.32	1.025
11/2/2017 19:15	76500	19.085	14.819	42.99	41093.418	51013.734	33.495	34689.344	24.335	1.025
11/2/2017 19:30	77400	19.078	14.823	42.975	41128	51051.965	33.524	34715.336	24.314	1.025
11/2/2017 19:45	78300	19.076	14.821	42.97	41133.223	51059.934	33.529	34720.758	24.311	1.025
11/2/2017 20:00	79200	19.075	14.822	42.967	41127.77	51052.094	33.524	34715.426	24.314	1.025
11/2/2017 20:15	80100	19.073	14.819	42.964	41110.645	51034.152	33.51	34703.223	24.325	1.025
11/2/2017 20:30	81000	19.066	14.822	42.949	41111.539	51032.594	33.509	34702.168	24.324	1.025
11/2/2017 20:45	81900	19.064	14.825	42.944	41062.242	50967.766	33.462	34658.086	24.353	1.025
11/2/2017 21:00	82800	19.065	14.82	42.947	41111.184	51034.305	33.511	34703.332	24.324	1.025
11/2/2017 21:15	83700	19.059	14.822	42.931	41134.188	51060.391	33.53	34721.07	24.311	1.025
11/2/2017 21:30	84600	19.067	14.822	42.949	41124.098	51047.324	33.52	34712.18	24.317	1.025
11/2/2017 21:45	85500	19.063	14.82	42.94	41103.707	51024.793	33.504	34696.859	24.329	1.025
11/2/2017 22:00	86400	19.066	14.823	42.949	41126.352	51049.477	33.522	34713.645	24.315	1.025
11/2/2017 22:15	87300	19.071	14.82	42.96	41064.816	50976.199	33.468	34663.82	24.352	1.025
11/2/2017 22:30	88200	19.065	14.824	42.947	41152.379	51080.934	33.545	34735.035	24.3	1.025
11/2/2017 22:45	89100	19.071	14.822	42.959	41113.781	51035.488	33.512	34704.137	24.323	1.025
11/2/2017 23:00	90000	19.064	14.821	42.944	41096.191	51013.855	33.496	34689.422	24.333	1.025
11/2/2017 23:15	90900	19.065	14.825	42.946	41109.406	51025.766	33.505	34697.52	24.325	1.025
11/2/2017 23:30	91800	19.072	14.823	42.961	41121.387	51043.211	33.517	34709.387	24.318	1.025
11/2/2017 23:45	92700	19.071	14.822	42.959	41122.305	51045.309	33.519	34710.813	24.318	1.025
11/3/2017 0:00	93600	19.074	14.823	42.965	41122.086	51043.645	33.518	34709.684	24.318	1.025
11/3/2017 0:15	94500	19.08	14.825	42.979	41105.406	51021.547	33.502	34694.652	24.328	1.025
11/3/2017 0:30	95400	19.072	14.821	42.962	41108.875	51030.461	33.508	34700.719	24.326	1.025
11/3/2017 0:45	96300	19.079	14.818	42.978	41144.223	51077.773	33.542	34732.887	24.305	1.025
11/3/2017 1:00	97200	19.078	14.821	42.975	41079.855	50994.008	33.481	34675.926	24.343	1.025
11/3/2017 1:15	98100	19.079	14.823	42.976	41128.578	51052.238	33.524	34715.527	24.314	1.025
11/3/2017 1:30	99000	19.08	14.823	42.979	41140.922	51067.895	33.535	34726.168	24.307	1.025
11/3/2017 1:45	99900	19.08	14.823	42.979	41104.77	51022.27	33.502	34695.145	24.328	1.025
11/3/2017 2:00	100800	19.072	14.823	42.962	41127.313	51051	33.523	34714.68	24.315	1.025
11/3/2017 2:15	101700	19.078	14.821	42.976	41081.379	50995.578	33.482	34676.996	24.342	1.025
11/3/2017 2:30	102600	19.069	14.826	42.954	41113.172	51029.258	33.507	34699.898	24.323	1.025
11/3/2017 2:45	103500	19.071	14.82	42.959	41132.902	51060.719	33.53	34721.289	24.311	1.025
11/3/2017 3:00	104400	19.073	14.822	42.964	41127.59	51052.406	33.524	34715.637	24.315	1.025
11/3/2017 3:15	105300	19.068	14.823	42.952	41131.059	51055.113	33.526	34717.48	24.313	1.025
11/3/2017 3:30	106200	19.067	14.824	42.949	41127.918	51049.816	33.522	34713.875	24.314	1.025
11/3/2017 3:45	107100	19.061	14.825	42.937	41109.516	51025.801	33.505	34697.543	24.325	1.025
11/3/2017 4:00	108000	19.06	14.826	42.934	41106.762	51021.098	33.501	34694.352	24.327	1.025
11/3/2017 4:15	108900	19.053	14.827	42.919	41120.895	51037.449	33.513	34705.469	24.319	1.025
11/3/2017 4:30	109800	19.054	14.823	42.92	41143.293	51070.605	33.537	34728.012	24.305	1.025
11/3/2017 4:45	110700	19.052	14.82	42.917	41103.652	51024.953	33.504	34696.973	24.329	1.025
11/3/2017 5:00	111600	19.051	14.825	42.915	41129.168	51050.191	33.523	34714.129	24.314	1.025
11/3/2017 5:15	112500	19.051	14.822	42.915	41127.488	51051.848	33.524	34715.258	24.315	1.025
11/3/2017 5:30	113400	19.047	14.824	42.906	41105.34	51021.789	33.502	34694.816	24.328	1.025
11/3/2017 5:45	114300	19.048	14.822	42.907	41126.117	51049.832	33.522	34713.891	24.315	1.025
11/3/2017 6:00	115200	19.046	14.82	42.903	41105.492	51026.805	33.505	34698.227	24.328	1.025
11/3/2017 6:15	116100	19.048	14.822	42.907	41147.074	51076.492	33.542	34732.016	24.303	1.025
11/3/2017 6:30	117000	19.042	14.828	42.894	41120.621	51036.785	33.513	34705.016	24.319	1.025
11/3/2017 6:45	117900	19.042	14.824	42.894	41131.262	51053.965	33.525	34716.699	24.312	1.025
11/3/2017 7:00	118800	19.042	14.821	42.894	41123.207	51048.047	33.521	34712.672	24.317	1.025
11/3/2017 7:15	119700	19.044	14.824	42.898	41130.664	51054.082	33.525	34716.777	24.313	1.025
11/3/2017 7:30	120600	19.043	14.823	42.896	41120.344	51042.461	33.517	34708.879	24.319	1.025
11/3/2017 7:45	121500	19.044	14.825	42.9	41116.512	51035.008	33.511	34703.809	24.321	1.025
11/3/2017 8:00	122400	1								

11/4/2017 6:30	203400	19.011	14.833	42.823	41146.5	51062.691	33.532	34722.629	24.303	1.025
11/4/2017 6:45	204300	19.016	14.83	42.835	41108.605	51019.094	33.5	34692.984	24.326	1.025
11/4/2017 7:00	205200	19.012	14.834	42.826	41143.465	51057.539	33.529	34719.129	24.305	1.025
11/4/2017 7:15	206100	19.013	14.83	42.829	41116.711	51028.5	33.507	34699.379	24.321	1.025
11/4/2017 7:30	207000	19.014	14.828	42.831	41116.742	51031.012	33.509	34701.09	24.321	1.025
11/4/2017 7:45	207900	19.016	14.827	42.835	41152.109	51076.512	33.542	34732.027	24.3	1.025
11/4/2017 8:00	208800	19.011	14.83	42.823	41107.523	51017.098	33.499	34691.629	24.326	1.025
11/4/2017 8:15	209700	19.013	14.826	42.829	41119.848	51037.23	33.513	34705.32	24.319	1.025
11/4/2017 8:30	210600	19.016	14.831	42.835	41141.84	51058.41	33.529	34719.719	24.306	1.025
11/4/2017 8:45	211500	19.007	14.831	42.816	41122.801	51034.781	33.512	34703.656	24.317	1.025
11/4/2017 9:00	212400	19.016	14.832	42.835	41120.105	51030.59	33.509	34700.801	24.319	1.025
11/4/2017 9:15	213300	19.018	14.833	42.841	41132.223	51044.438	33.519	34710.219	24.312	1.025
11/4/2017 9:30	214200	19.023	14.83	42.852	41116.512	51028.695	33.507	34699.512	24.321	1.025
11/4/2017 9:45	215100	19.022	14.832	42.849	41133.723	51048.016	33.522	34712.652	24.311	1.025
11/4/2017 10:00	216000	19.03	14.83	42.867	41142.359	51060.672	33.531	34721.262	24.306	1.025
11/4/2017 10:15	216900	19.04	14.828	42.89	41135.609	51054.328	33.526	34716.945	24.31	1.025
11/4/2017 10:30	217800	19.048	14.832	42.907	41102	51008.648	33.493	34685.883	24.33	1.025
11/4/2017 10:45	218700	19.058	14.832	42.929	41132.164	51045.324	33.52	34710.824	24.312	1.025
11/4/2017 11:00	219600	19.062	14.833	42.938	41122.445	51032.305	33.51	34701.969	24.318	1.025
11/4/2017 11:15	220500	19.062	14.83	42.938	41116.02	51028.508	33.507	34699.387	24.321	1.025
11/4/2017 11:30	221400	19.064	14.829	42.944	41139.426	51058.418	33.529	34719.723	24.308	1.025
11/4/2017 11:45	222300	19.06	14.83	42.934	41126.836	51041.176	33.516	34708	24.315	1.025
11/4/2017 12:00	223200	19.064	14.829	42.943	41119.652	51034.094	33.511	34703.188	24.319	1.025
11/4/2017 12:15	224100	19.067	14.829	42.951	41116.754	51029.641	33.508	34700.156	24.321	1.025
11/4/2017 12:30	225000	19.069	14.831	42.955	41093.961	50999.094	33.486	34679.387	24.334	1.025
11/4/2017 12:45	225900	19.076	14.831	42.97	41145.875	51063.52	33.533	34723.199	24.304	1.025
11/4/2017 13:00	226800	19.079	14.832	42.977	41127.668	51040.289	33.516	34707.402	24.315	1.025
11/4/2017 13:15	227700	19.077	14.83	42.972	41086.945	50991.668	33.48	34674.34	24.339	1.025
11/4/2017 13:30	228600	19.085	14.83	42.99	41100.082	51008.094	33.492	34685.504	24.331	1.025
11/4/2017 13:45	229500	19.085	14.828	42.99	41111.27	51024.758	33.504	34696.84	24.324	1.025
11/4/2017 14:00	230400	19.09	14.83	43.001	41139.316	51056.785	33.528	34718.617	24.308	1.025
11/4/2017 14:15	231300	19.092	14.83	43.006	41117.18	51029.523	33.508	34700.082	24.321	1.025
11/4/2017 14:30	232200	19.092	14.826	43.006	41113.152	51029.355	33.507	34699.961	24.323	1.025
11/4/2017 14:45	233100	19.09	14.83	43.003	41105.527	51015.273	33.497	34690.387	24.328	1.025
11/4/2017 15:00	234000	19.094	14.83	43.011	41106.219	51016.344	33.498	34691.117	24.327	1.025
11/4/2017 15:15	234900	19.099	14.829	43.023	41114.91	51028.211	33.507	34699.184	24.322	1.025
11/4/2017 15:30	235800	19.094	14.828	43.011	41140.633	51060.453	33.53	34721.109	24.307	1.025
11/4/2017 15:45	236700	19.096	14.831	43.016	41131.645	51045.973	33.52	34711.262	24.312	1.025
11/4/2017 16:00	237600	19.092	14.828	43.007	41104.273	51015.535	33.497	34690.563	24.328	1.025
11/4/2017 16:15	238500	19.096	14.825	43.016	41111.496	51028.047	33.506	34699.074	24.324	1.025
11/4/2017 16:30	239400	19.095	14.827	43.014	41111.008	51025.945	33.505	34697.648	24.324	1.025
11/4/2017 16:45	240300	19.095	14.827	43.012	41123.133	51040.227	33.515	34707.355	24.317	1.025
11/4/2017 17:00	241200	19.091	14.827	43.005	41155.113	51079.922	33.545	34734.348	24.298	1.025
11/4/2017 17:15	242100	19.087	14.826	42.996	41122.988	51041.441	33.516	34708.18	24.317	1.025
11/4/2017 17:30	243000	19.079	14.828	42.978	41133.859	51052.156	33.524	34715.465	24.311	1.025
11/4/2017 17:45	243900	19.085	14.828	42.99	41151.277	51074.41	33.541	34730.598	24.301	1.025
11/4/2017 18:00	244800	19.074	14.828	42.965	41126.898	51044.363	33.519	34710.172	24.315	1.025
11/4/2017 18:15	245700	19.076	14.827	42.97	41142.242	51064.48	33.533	34723.852	24.306	1.025
11/4/2017 18:30	246600	19.068	14.826	42.953	41117.984	51035.461	33.512	34704.117	24.32	1.025
11/4/2017 18:45	247500	19.066	14.828	42.948	41127.734	51044.445	33.519	34710.223	24.314	1.025
11/4/2017 19:00	248400	19.059	14.826	42.931	41136.91	51058.723	33.529	34719.938	24.309	1.025
11/4/2017 19:15	249300	19.055	14.824	42.922	41131.934	51055.555	33.526	34717.777	24.312	1.025
11/4/2017 19:30	250200	19.051	14.828	42.915	41136.117	51055.48	33.527	34717.727	24.31	1.025
11/4/2017 19:45	251100	19.042	14.823	42.895	41118.883	51040.309	33.515	34707.414	24.32	1.025
11/4/2017 20:00	252000	19.044	14.829	42.897	41118.648	51032.527	33.51	34702.117	24.32	1.025
11/4/2017 20:15	252900	19.035	14.83	42.878	41151.992	51072.184	33.539	34729.086	24.3	1.025
11/4/2017 20:30	253800	19.032	14.828	42.872	41161.301	51086.215	33.549	34738.629	24.295	1.025
11/4/2017 20:45	254700	19.03	14.826	42.866	41129.887	51049.578	33.522	34713.715	24.313	1.025
11/4/2017 21:00	255600	19.027	14.834	42.861	41156.574	51073.695	33.541	34730.113	24.297	1.025
11/4/2017 21:15	256500	19.024	14.828	42.854	41153.98	51077.977	33.543	34733.023	24.299	1.025
11/4/2017 21:30	257400	19.02	14.826	42.844	41095.02	51007.047	33.491	34684.797	24.334	1.025
11/4/2017 21:45	258300	19.022	14.83	42.848	41091.984	50998.152	33.485	34678.746	24.336	1.025
11/4/2017 22:00	259200	19.017	14.831	42.837	41123.227	51036.383	33.513	34704.742	24.317	1.025
11/4/2017 22:15	260100	19.01	14.825	42.821	41133.125	51055.102	33.526	34717.473	24.311	1.025
11/4/2017 22:30	261000	19.01	14.831	42.822	41178.559	51104.406	33.563	34751	24.284	1.025
11/4/2017 22:45	261900	19.01	14.829	42.821	41105.602	51016.656	33.498	34691.328	24.328	1.025
11/4/2017 23:00	262800	19.007	14.829	42.815	41131.891	51048.742	33.522	34713.145	24.312	1.025
11/4/2017 23:15	263700	19.003	14.828	42.805	41104.133	51015.574	33.497	34690.59	24.328	1.025
11/4/2017 23:30	264600	19.004	14.833	42.808	41098.949	51003.578	33.489	34682.434	24.332	1.025
11/4/2017 23:45	265500	19.003	14.831	42.807	41118.332	51029.238	33.508	34699.887	24.32	1.025
11/5/2017 0:00	266400	18.999	14.828	42.797	41130.145	51048.184	33.521	34712.77	24.313	1.025
11/5/2017 0:15	267300	18.999	14.828	42.797	41138.086	51057.289	33.528	34718.961	24.308	1.025
11/5/2017 0:30	268200	19	14.832	42.8	41122.438	51033.586	33.511	34702.844	24.318	1.025
11/5/2017 0:45	269100	18.999	14.831	42.797	41124.195	51037.477	33.514	34705.484	24.317	1.025
11/5/2017 1:00	270000	19.002	14.831	42.804	41131.719	51045.75	33.52	34711.109	24.312	1.025
11/5/2017 1:15	270900	19.007	14.832	42.815	41112.648	51021.539	33.502	34694.648	24.323	1.025
11/5/2017 1:30	271800	19.003	14.83	42.807	41122.457	51036.398	33.513	34704.75	24.318	1.025
11/5/2017 1:45	272700	19	14.831	42.8	41113.711	51023.5	33.504	34695.984	24.323	1.025
11/5/2017 2:00	273600	18.998	14.83	42.795	41138.73	51056.371	33.528	34718.336	24.308	1.025
11/5/2017 2:15	274500	18.999	14.833	42.797	41124.75	51035.375	33.512	34704.055	24.316	1.025
11/5/2017 2:30	275400	19.003	14.831	42.807	41123.578	51036.488	33.513	34704.816	24.317	1.025
11/5/2017 2:45	276300	19.002	14.827	42.804	41109.34	51023.219	33.503	34695.789	24.325	1.025
11/5/2017 2:00	277200	18.997	14.833	42.792	41091.461	50993.641	33.482	34675.68	24.336	1.025
11/5/2017 2:15	278100	19.003	14.83	42.805	41120.809	51034.449	33.511	34703.426	24.319	1.025
11/5/2017 2:30	279000	18.999	14.83	42.797	41106.254	51016.387	33.498	34691.148	24.327	1.025
11/5/2017 2:45	279900	18.997	14.831	42.793	41130.344	51044.246	33.519	34710.086	24.313	1.025
11/5/2017 3:00	280800	18.997	14.827	42.794	41112.988	51027.957	33.506	34699.012	24.323	1.025
11/5/2017 3:15	281700	19.002	14.83	42.804	41149.742	51069.395	33.537	34727.188	24.301	1.025
11/5										

11/6/2017 2:00	363600	18.956	14.839	42.7	41123.105	51025.723	33.506	34697.496	24.317	1.025
11/6/2017 2:15	364500	18.954	14.839	42.696	41133.383	51039.016	33.516	34706.531	24.311	1.025
11/6/2017 2:30	365400	18.956	14.834	42.699	41149.883	51065.707	33.535	34724.684	24.301	1.025
11/6/2017 2:45	366300	18.954	14.837	42.695	41158.711	51072.59	33.54	34729.367	24.296	1.025
11/6/2017 3:00	367200	18.95	14.833	42.687	41121.418	51030.602	33.509	34700.809	24.318	1.025
11/6/2017 3:15	368100	18.95	14.836	42.687	41148.402	51060.434	33.531	34721.098	24.302	1.025
11/6/2017 3:30	369000	18.951	14.837	42.689	41147.969	51059.695	33.531	34720.598	24.303	1.025
11/6/2017 3:45	369900	18.951	14.834	42.689	41130.25	51040.602	33.516	34707.609	24.313	1.025
11/6/2017 4:00	370800	18.949	14.835	42.684	41160.172	51076.867	33.543	34732.27	24.295	1.025
11/6/2017 4:15	371700	18.95	14.837	42.687	41125.039	51031.242	33.51	34701.25	24.316	1.025
11/6/2017 4:30	372600	18.946	14.837	42.677	41137.43	51046.07	33.521	34711.332	24.309	1.025
11/6/2017 4:45	373500	18.947	14.839	42.679	41149.672	51058.797	33.53	34719.98	24.302	1.025
11/6/2017 5:00	374400	18.947	14.833	42.68	41103.238	51008.469	33.493	34685.762	24.329	1.025
11/6/2017 5:15	375300	18.942	14.838	42.669	41117.031	51020.012	33.502	34693.609	24.321	1.025
11/6/2017 5:30	376200	18.944	14.838	42.674	41155.348	51066.598	33.536	34725.289	24.298	1.025
11/6/2017 5:45	377100	18.943	14.839	42.671	41120.203	51022.887	33.504	34695.563	24.319	1.025
11/6/2017 6:00	378000	18.941	14.838	42.667	41121.465	51024.777	33.505	34696.852	24.318	1.025
11/6/2017 6:15	378900	18.941	14.841	42.666	41128.148	51029.855	33.509	34700.301	24.314	1.025
11/6/2017 6:30	379800	18.941	14.834	42.667	41115.336	51021.875	33.503	34694.879	24.322	1.025
11/6/2017 6:45	380700	18.939	14.837	42.662	41089.559	50986.57	33.477	34670.867	24.337	1.025
11/6/2017 7:00	381600	18.937	14.841	42.658	41145.117	51050.68	33.524	34714.461	24.304	1.025
11/6/2017 7:15	382500	18.94	14.839	42.663	41104.117	51002.926	33.489	34681.992	24.328	1.025
11/6/2017 7:30	383400	18.939	14.838	42.662	41097.949	50996.02	33.484	34677.297	24.332	1.025
11/6/2017 7:45	384300	18.939	14.839	42.662	41134.355	51039.582	33.516	34706.922	24.311	1.025
11/6/2017 8:00	385200	18.936	14.838	42.654	41132.973	51039.055	33.516	34706.563	24.311	1.025
11/6/2017 8:15	386100	18.937	14.838	42.657	41146.34	51056.379	33.528	34718.344	24.303	1.025
11/6/2017 8:30	387000	18.944	14.842	42.674	41133.008	51034.801	33.513	34703.668	24.311	1.025
11/6/2017 8:45	387900	18.942	14.838	42.669	41143.223	51051.773	33.525	34715.211	24.305	1.025
11/6/2017 9:00	388800	18.955	14.835	42.697	41122.738	51030.305	33.509	34700.609	24.317	1.025
11/6/2017 9:15	389700	18.96	14.84	42.71	41157.941	51067.68	33.537	34726.023	24.297	1.025
11/6/2017 9:30	390600	18.965	14.837	42.721	41167.441	51082.895	33.548	34736.371	24.291	1.025
11/6/2017 9:45	391500	18.972	14.837	42.735	41142.254	51051.742	33.525	34715.188	24.306	1.025
11/6/2017 10:00	392400	18.97	14.841	42.732	41159.145	51068.52	33.537	34726.598	24.296	1.025
11/6/2017 10:15	393300	18.965	14.837	42.721	41141.02	51050.855	33.524	34714.586	24.307	1.025
11/6/2017 10:30	394200	18.962	14.838	42.714	41101.887	51001.453	33.488	34680.988	24.33	1.025
11/6/2017 10:45	395100	18.967	14.84	42.726	41106.43	51003.766	33.49	34682.563	24.327	1.025
11/6/2017 11:00	396000	18.972	14.838	42.736	41175.023	51091.012	33.554	34741.891	24.287	1.025
11/6/2017 11:15	396900	18.976	14.842	42.745	41158.59	51066.012	33.536	34724.887	24.296	1.025
11/6/2017 11:30	397800	18.979	14.84	42.752	41125.883	51028.762	33.508	34699.563	24.316	1.025
11/6/2017 11:45	398700	18.986	14.836	42.767	41121.672	51027.496	33.507	34698.699	24.318	1.025
11/6/2017 12:00	399600	18.988	14.836	42.771	41088.586	50986.641	33.477	34670.918	24.338	1.025
11/6/2017 12:15	400500	18.988	14.839	42.773	41144.734	51053.215	33.526	34716.191	24.304	1.025
11/6/2017 12:30	401400	18.993	14.841	42.783	41140.137	51044.5	33.52	34710.262	24.307	1.025
11/6/2017 12:45	402300	18.997	14.841	42.794	41138.539	51043.063	33.519	34709.281	24.308	1.025
11/6/2017 13:00	403200	19.001	14.839	42.802	41137.297	51043.551	33.519	34709.613	24.309	1.025
11/6/2017 13:15	404100	19.005	14.839	42.81	41120.797	51023.398	33.504	34695.91	24.319	1.025
11/6/2017 13:30	405000	19.007	14.835	42.816	41121.57	51028.754	33.508	34699.555	24.318	1.025
11/6/2017 13:45	405900	19.009	14.84	42.819	41131.602	51035.859	33.513	34704.383	24.312	1.025
11/6/2017 14:00	406800	19.014	14.837	42.83	41171.418	51088.793	33.552	34740.379	24.289	1.025
11/6/2017 14:15	407700	19.013	14.839	42.829	41133.875	51038.879	33.515	34706.441	24.311	1.025
11/6/2017 14:30	408600	19.017	14.842	42.838	41152.188	51058.598	33.53	34719.848	24.3	1.025
11/6/2017 14:45	409500	19.014	14.842	42.831	41136.566	51038.688	33.516	34706.309	24.309	1.025
11/6/2017 15:00	410400	19.017	14.838	42.838	41116.84	51019.773	33.501	34693.445	24.321	1.025
11/6/2017 15:15	411300	19.025	14.838	42.855	41123.602	51027.961	33.507	34699.016	24.317	1.025
11/6/2017 15:30	412200	19.022	14.836	42.849	41161.445	51077.273	33.543	34732.547	24.295	1.025
11/6/2017 15:45	413100	19.022	14.837	42.849	41148.305	51059.465	33.53	34720.441	24.302	1.025
11/6/2017 16:00	414000	19.022	14.839	42.849	41145.117	51053.691	33.526	34716.516	24.304	1.025
11/6/2017 16:15	414900	19.022	14.838	42.848	41141.859	51050.293	33.524	34714.199	24.306	1.025
11/6/2017 16:30	415800	19.02	14.841	42.845	41113.152	51011.563	33.496	34687.867	24.323	1.025
11/6/2017 16:45	416700	19.02	14.838	42.845	41126.02	51030.961	33.51	34701.059	24.316	1.025
11/6/2017 17:00	417600	19.017	14.837	42.837	41119.648	51023.801	33.504	34696.188	24.319	1.025
11/6/2017 17:15	418500	19.02	14.837	42.846	41115.859	51019.207	33.501	34693.066	24.322	1.025
11/6/2017 17:30	419400	19.017	14.837	42.838	41140.773	51050.867	33.524	34714.594	24.307	1.025
11/6/2017 17:45	420300	19.013	14.836	42.829	41126.254	51033.184	33.511	34702.566	24.315	1.025
11/6/2017 18:00	421200	19.007	14.836	42.815	41153.121	51066.723	33.536	34725.371	24.299	1.025
11/6/2017 18:15	422100	19.007	14.837	42.815	41171.207	51088.316	33.552	34740.055	24.289	1.025
11/6/2017 18:30	423000	18.999	14.836	42.798	41132.023	51040.344	33.516	34707.438	24.312	1.025
11/6/2017 18:45	423900	18.997	14.837	42.792	41119.047	51022.945	33.504	34695.602	24.32	1.025
11/6/2017 19:00	424800	18.991	14.839	42.78	41166.625	51080.488	33.546	34734.734	24.292	1.025
11/6/2017 19:15	425700	18.991	14.838	42.779	41139.656	51047.348	33.522	34712.195	24.307	1.025
11/6/2017 19:30	426600	18.981	14.835	42.757	41112.723	51017.672	33.5	34692.016	24.323	1.025
11/6/2017 19:45	427500	18.977	14.837	42.747	41160.988	51075.953	33.542	34731.652	24.295	1.025
11/6/2017 20:00	428400	18.972	14.836	42.736	41143.391	51054.973	33.527	34717.383	24.305	1.025
11/6/2017 20:15	429300	18.968	14.834	42.727	41110.563	51016.172	33.498	34691	24.325	1.025
11/6/2017 20:30	430200	18.963	14.837	42.717	41130.039	51037.547	33.514	34705.531	24.313	1.025
11/6/2017 20:45	431100	18.962	14.84	42.713	41162.402	51073.734	33.541	34730.141	24.294	1.025
11/6/2017 21:00	432000	18.951	14.836	42.688	41130.031	51038.184	33.515	34705.969	24.313	1.025
11/6/2017 21:15	432900	18.951	14.837	42.69	41128.762	51034.898	33.512	34703.73	24.314	1.025
11/6/2017 21:30	433800	18.949	14.839	42.684	41151.105	51061.008	33.532	34721.484	24.301	1.025
11/6/2017 21:45	434700	18.943	14.841	42.67	41166.148	51076.672	33.543	34732.141	24.292	1.025
11/6/2017 22:00	435600	18.939	14.84	42.663	41152.375	51061.086	33.532	34721.543	24.3	1.025
11/6/2017 22:15	436500	18.941	14.838	42.667	41111.75	51012.723	33.496	34688.656	24.324	1.025
11/6/2017 22:30	437400	18.936	14.838	42.654	41135.387	51042.582	33.518	34708.957	24.31	1.025
11/6/2017 22:45	438300	18.929	14.838	42.64	41098.43	50995.969	33.484	34677.262	24.332	1.025
11/6/2017 23:00	439200	18.929	14.839	42.64	41162.141	51073.953	33.541	34730.289	24.294	1.025
11/6/2017 23:15	440100	18.929	14.839	42.638	41115.844	51016.824	33.499	34691.445	24.322	1.025
11/6/2017 23:30	441000	18.925	14.839	42.63	41151.613	51060.781	33.532	34721.332	24.3	1.025
11/6/2017 23:45	441900	18.925	14.84	42.631	41119.449	51020.781	33.502	34694		

11/7/2017 22:30	523800	18.932	14.842	42.645	41129.852	51031.313	33.51	34701.293	24.313	1.025
11/7/2017 22:45	524700	18.923	14.84	42.627	41128.68	51031.262	33.51	34701.258	24.314	1.025
11/7/2017 23:00	525600	18.923	14.84	42.626	41144.563	51051.078	33.525	34714.738	24.305	1.025
11/7/2017 23:15	526500	18.919	14.845	42.616	41148.859	51051.254	33.525	34714.852	24.302	1.025
11/7/2017 23:30	527400	18.915	14.841	42.607	41143.121	51048.961	33.523	34713.297	24.305	1.025
11/7/2017 23:45	528300	18.912	14.848	42.6	41166.074	51068.758	33.538	34726.758	24.292	1.025
11/8/2017 0:00	529200	18.907	14.843	42.589	41148.043	51052.074	33.525	34715.414	24.302	1.025
11/8/2017 0:15	530100	18.91	14.844	42.598	41113.965	51008.504	33.494	34685.785	24.323	1.025
11/8/2017 0:30	531000	18.909	14.846	42.594	41140.363	51039.43	33.516	34706.813	24.307	1.025
11/8/2017 0:45	531900	18.907	14.841	42.589	41158.039	51066.824	33.536	34725.445	24.297	1.025
11/8/2017 1:00	532800	18.905	14.843	42.584	41170.078	51079.84	33.546	34734.293	24.289	1.025
11/8/2017 1:15	533700	18.902	14.844	42.579	41133.012	51032.027	33.511	34701.777	24.311	1.025
11/8/2017 1:30	534600	18.899	14.842	42.572	41136.141	51037.938	33.515	34705.801	24.31	1.025
11/8/2017 1:45	535500	18.9	14.843	42.575	41119.359	51016.055	33.499	34690.918	24.319	1.025
11/8/2017 2:00	536400	18.9	14.843	42.574	41138.816	51041.055	33.517	34707.922	24.308	1.025
11/8/2017 2:15	537300	18.9	14.846	42.575	41161.395	51065.922	33.535	34724.492	24.295	1.025
11/8/2017 2:30	538200	18.898	14.844	42.57	41154.945	51059.348	33.531	34720.355	24.298	1.025
11/8/2017 2:45	539100	18.897	14.843	42.567	41144.496	51047.453	33.522	34712.273	24.305	1.025
11/8/2017 3:00	540000	18.893	14.845	42.559	41158.949	51063.344	33.534	34723.074	24.296	1.025
11/8/2017 3:15	540900	18.894	14.847	42.561	41154.586	51055.895	33.529	34718.012	24.299	1.025
11/8/2017 3:30	541800	18.9	14.847	42.574	41108.051	50997.414	33.486	34678.246	24.326	1.025
11/8/2017 3:45	542700	18.901	14.846	42.577	41162.023	51066.199	33.536	34725.016	24.294	1.025
11/8/2017 4:00	543600	18.894	14.845	42.561	41182.367	51091.766	33.555	34742.406	24.282	1.025
11/8/2017 4:15	544500	18.894	14.846	42.561	41153.105	51054.492	33.527	34717.055	24.3	1.025
11/8/2017 4:30	545400	18.9	14.846	42.575	41134.477	51031.922	33.511	34701.711	24.311	1.025
11/8/2017 4:45	546300	18.902	14.847	42.58	41133.691	51028.91	33.509	34699.66	24.311	1.025
11/8/2017 5:00	547200	18.9	14.845	42.575	41160.121	51065.227	33.535	34724.359	24.295	1.025
11/8/2017 5:15	548100	18.9	14.845	42.575	41135.301	51034.434	33.513	34703.414	24.31	1.025
11/8/2017 5:30	549000	18.9	14.847	42.573	41123.316	51016.473	33.5	34691.203	24.317	1.025
11/8/2017 5:45	549900	18.9	14.847	42.574	41176.824	51082.523	33.548	34736.117	24.286	1.025
11/8/2017 6:00	550800	18.9	14.845	42.575	41154.273	51057.758	33.53	34719.281	24.299	1.025
11/8/2017 6:15	551700	18.902	14.846	42.58	41167.109	51072.406	33.541	34729.242	24.291	1.025
11/8/2017 6:30	552600	18.905	14.845	42.585	41175.949	51084.113	33.549	34737.203	24.286	1.025
11/8/2017 6:45	553500	18.9	14.847	42.575	41141.598	51038.918	33.516	34706.465	24.306	1.025
11/8/2017 7:00	554400	18.898	14.85	42.571	41163.074	51061.926	33.533	34722.109	24.294	1.025
11/8/2017 7:15	555300	18.902	14.848	42.579	41149.496	51047.973	33.523	34712.625	24.302	1.025
11/8/2017 7:30	556200	18.899	14.844	42.572	41130.426	51029.141	33.509	34699.816	24.313	1.025
11/8/2017 7:45	557100	18.901	14.845	42.577	41112.5	51006.031	33.492	34684.105	24.324	1.025
11/8/2017 8:00	558000	18.903	14.845	42.581	41163.574	51068.547	33.538	34726.617	24.293	1.025
11/8/2017 8:15	558900	18.905	14.847	42.584	41152.121	51052.509	33.526	34715.422	24.3	1.025
11/8/2017 8:30	559800	18.899	14.846	42.572	41133.859	51030.512	33.51	34700.754	24.311	1.025
11/8/2017 8:45	560700	18.9	14.855	42.573	41175.789	51072.023	33.541	34728.977	24.286	1.025
11/8/2017 9:00	561600	18.901	14.851	42.577	41144.809	51037.875	33.516	34705.758	24.304	1.025
11/8/2017 9:15	562500	18.901	14.85	42.577	41149.434	51045.008	33.521	34710.605	24.302	1.025
11/8/2017 9:30	563400	18.9	14.845	42.575	41126.645	51023.379	33.505	34695.898	24.315	1.025
11/8/2017 9:45	564300	18.899	14.848	42.571	41148.5	51046.625	33.522	34711.707	24.302	1.025
11/8/2017 10:00	565200	18.902	14.846	42.579	41122.383	51016.273	33.499	34691.066	24.318	1.025
11/8/2017 10:15	566100	18.904	14.847	42.584	41136.414	51033.348	33.512	34702.68	24.309	1.025
11/8/2017 10:30	567000	18.903	14.848	42.581	41133.605	51027.734	33.508	34698.859	24.311	1.025
11/8/2017 10:45	567900	18.905	14.847	42.586	41166.047	51069.152	33.538	34727.023	24.292	1.025
11/8/2017 11:00	568800	18.91	14.848	42.598	41139.008	51034.852	33.513	34703.699	24.308	1.025
11/8/2017 11:15	569700	18.909	14.845	42.594	41146.883	51047.941	33.523	34712.605	24.303	1.025
11/8/2017 11:30	570600	18.912	14.849	42.601	41145.695	51041.984	33.519	34708.555	24.304	1.025
11/8/2017 11:45	571500	18.912	14.847	42.601	41168.375	51072.039	33.54	34728.988	24.29	1.025
11/8/2017 12:00	572400	18.914	14.852	42.606	41143.664	51036.156	33.515	34704.586	24.305	1.025
11/8/2017 12:15	573300	18.915	14.849	42.607	41141.398	51036.008	33.514	34704.488	24.306	1.025
11/8/2017 12:30	574200	18.919	14.846	42.616	41126.441	51021.41	33.503	34694.563	24.315	1.025
11/8/2017 12:45	575100	18.925	14.852	42.629	41126.031	51014.168	33.498	34689.637	24.316	1.025
11/8/2017 13:00	576000	18.925	14.849	42.63	41163.41	51063.313	33.534	34723.059	24.293	1.025
11/8/2017 13:15	576900	18.925	14.85	42.63	41151.473	51047.535	33.523	34712.324	24.3	1.025
11/8/2017 13:30	577800	18.932	14.848	42.647	41174.348	51078.172	33.545	34733.156	24.287	1.025
11/8/2017 13:45	578700	18.932	14.85	42.646	41116.613	51004.828	33.491	34683.289	24.321	1.025
11/8/2017 14:00	579600	18.937	14.848	42.658	41147.375	51044.918	33.521	34710.543	24.303	1.025
11/8/2017 14:15	580500	18.94	14.847	42.663	41157.852	51059.844	33.531	34720.695	24.297	1.025
11/8/2017 14:30	581400	18.948	14.848	42.682	41121.008	51012.953	33.497	34688.809	24.318	1.025
11/8/2017 14:45	582300	18.951	14.85	42.689	41126.098	51016.715	33.5	34691.367	24.315	1.025
11/8/2017 15:00	583200	18.955	14.846	42.697	41145.535	51045.422	33.521	34710.887	24.304	1.025
11/8/2017 15:15	584100	18.953	14.847	42.694	41135.797	51032.27	33.511	34701.945	24.31	1.025
11/8/2017 15:30	585000	18.961	14.848	42.712	41134.793	51030.168	33.51	34700.516	24.31	1.025
11/8/2017 15:45	585900	18.962	14.845	42.713	41170.293	51077.73	33.544	34732.855	24.289	1.025
11/8/2017 16:00	586800	18.96	14.844	42.71	41151.762	51054.965	33.528	34717.375	24.3	1.025
11/8/2017 16:15	587700	18.967	14.852	42.724	41120.008	51006.266	33.493	34684.266	24.319	1.025
11/8/2017 16:30	588600	18.965	14.843	42.721	41131.832	51031.418	33.51	34701.367	24.312	1.025
11/8/2017 16:45	589500	18.965	14.851	42.72	41123.563	51012.168	33.497	34688.273	24.317	1.025
11/8/2017 17:00	590400	18.965	14.85	42.72	41149.051	51044.855	33.521	34710.508	24.302	1.025
11/8/2017 17:15	591300	18.961	14.847	42.712	41131.512	51027.27	33.508	34698.543	24.312	1.025
11/8/2017 17:30	592200	18.956	14.855	42.699	41160.172	51052.449	33.527	34715.664	24.295	1.025
11/8/2017 17:45	593100	18.957	14.842	42.703	41128.699	51028.824	33.508	34699.605	24.314	1.025
11/8/2017 18:00	594000	19.585	14.839	44.118	41137.754	51044.344	33.519	34710.156	24.309	1.025
11/8/2017 18:15	594900	19.808	14.811	44.619	41098.113	51028.895	33.506	34699.648	24.332	1.025
11/8/2017 18:30	595800	19.939	14.804	44.915	41085.066	51021.16	33.5	34694.395	24.34	1.025
11/8/2017 18:45	596700	20.045	14.799	45.154	41093.523	51038.215	33.512	34705.988	24.335	1.025
11/8/2017 19:00	597600	20.136	14.799	45.358	41111.652	51060.508	33.528	34721.145	24.324	1.025
11/8/2017 19:15	598500	20.213	14.799	45.531	41077.289	51017.395	33.496	34691.828	24.344	1.025
11/8/2017 19:30	599400	20.282	14.788	45.687	41112.25	51073.699	33.537	34730.117	24.324	1.025
11/8/2017 19:45	600300	20.342	14.787	45.822	41103.711	51064.488	33.53	34723.855	24.329	1.025
11/8/2017 20:00	601200	20.395	14.785	45.942	41081.734	51040.301	33.512	34707.41	24.342	1.025
11/8/2017 20:15	602100	20.443	14.783	46.049	41084.734	51046.273	33.516	34711.469	24.34	1.025

Report Date: 11/10/2017 8:39
Report User Name: WMassoll
Report Computer Name: WKST52
Application: WinSitu.exe
Application Version: 5.6.27.1

Log File Properties
File Name MPWSP MW-3D LT Test_2017-11-09_07-44-22-347-BaroMerge.ws
Create Date 11/10/2017 8:36

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

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

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

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

Note

3/9/2016 18:36 Used Battery: 0% Used Memory: 3% User Name: KMKar
 3/9/2016 18:37 Sensor Sn: 446752 Cache Timeout: 1000 User Name: KMKar
 3/9/2016 18:37 Device Action Done
 3/9/2016 18:39 Device Put Online
 3/9/2016 18:39 Sensor Sn: 446752 Cache Timeout: 1750 User Name: KMKar
 3/9/2016 17:02 Log Download - Used Battery: 0% Used Memory: 3% User Name: Skuiper Interval - Start Time: 3/17/2016 9:00:00 AM Stop Time: 3/17/2016 5:00:00 PM
 3/24/2016 13:04 Log Download - Used Battery: 1% Used Memory: 4% User Name: KMKar Interval - Start Time: 3/15/2016 12:00:00 PM Stop Time: 3/24/2016 11:55:00 PM
 3/31/2016 8:47 Log Download - Used Battery: 1% Used Memory: 4% User Name: Skuiper Interval - Start Time: 3/22/2016 12:00:00 PM Stop Time: 3/31/2016 9:30:00 AM
 3/31/2016 13:07 Log Download - Used Battery: 1% Used Memory: 4% User Name: Skuiper Interval - Start Time: 3/24/2016 12:00:00 PM Stop Time: 3/31/2016 9:30:00 AM
 4/14/2016 12:53 Log Download - Used Battery: 2% Used Memory: 6% User Name: Skuiper Interval - Start Time: 4/5/2016 12:00:00 PM Stop Time: 4/14/2016 1:45:00 PM
 4/21/2016 11:16 Log Download - Used Battery: 2% Used Memory: 7% User Name: Elinden Interval - Start Time: 4/12/2016 1:30:00 PM Stop Time: 4/21/2016 12:15:00 PM
 4/28/2016 15:06 Log Download - Used Battery: 2% Used Memory: 7% User Name: KMKar Interval - Start Time: 4/19/2016 5:00:00 PM Stop Time: 4/28/2016 3:00:00 PM
 5/5/2016 10:41 Log Download - Used Battery: 3% Used Memory: 9% User Name: Skuiper Interval - Start Time: 3/31/2016 12:00:00 PM Stop Time: 5/5/2016 10:30:00 AM
 5/12/2016 12:05 Log Download - Used Battery: 3% Used Memory: 9% User Name: Skuiper Interval - Start Time: 5/3/2016 12:00:00 PM Stop Time: 5/12/2016 12:00:00 PM
 5/12/2016 14:53 Log Download - Used Battery: 4% Used Memory: 10% User Name: Skuiper Interval - Start Time: 5/3/2016 12:00:00 PM Stop Time: 5/12/2016 3:30:00 PM
 5/26/2016 13:29 Log Download - Used Battery: 4% Used Memory: 10% User Name: Skuiper Interval - Start Time: 5/17/2016 6:00:00 PM Stop Time: 5/26/2016 2:00:00 PM
 6/2/2016 14:01 Log Download - Used Battery: 4% Used Memory: 12% User Name: Skuiper Interval - Start Time: 4/31/2016 10:00:00 PM Stop Time: 6/2/2016 2:44:45 PM
 6/9/2016 10:11 Log Download - Used Battery: 5% Used Memory: 12% User Name: CSchw Interval - Start Time: 5/3/2016 5:00:00 PM Stop Time: 6/9/2016 11:00:00 AM
 6/16/2016 16:19 Log Download - Used Battery: 5% Used Memory: 14% User Name: Skuiper Interval - Start Time: 6/7/2016 10:30:00 AM Stop Time: 6/16/2016 5:15:00 PM
 6/23/2016 11:55 Log Download - Used Battery: 5% Used Memory: 14% User Name: Skuiper Interval - Start Time: 6/15/2016 10:00:00 PM Stop Time: 6/23/2016 12:00:00 PM
 7/1/2016 7:41 Log Download - Used Battery: 6% Used Memory: 15% User Name: Skuiper Interval - Start Time: 5/31/2016 12:00:00 PM Stop Time: 7/1/2016 7:35:00 PM
 7/8/2016 6:42 Log Download - Used Battery: 6% Used Memory: 15% User Name: Skuiper Interval - Start Time: 6/29/2016 10:00:00 PM Stop Time: 7/8/2016 4:15:00 PM
 7/14/2016 19:36 Log Download - Used Battery: 6% Used Memory: 17% User Name: Elinden Interval - Start Time: 7/5/2016 12:00:00 PM Stop Time: 7/14/2016 8:30:00 PM
 7/21/2016 12:16 Log Download - Used Battery: 7% Used Memory: 17% User Name: Skuiper Interval - Start Time: 7/13/2016 10:00:00 PM Stop Time: 7/21/2016 12:15:00 PM
 7/28/2016 9:23 Log Download - Used Battery: 7% Used Memory: 18% User Name: Skuiper Interval - Start Time: 7/20/2016 10:00:00 PM Stop Time: 7/28/2016 10:00:00 AM
 8/4/2016 9:13 Log Download - Used Battery: 8% Used Memory: 18% User Name: Skuiper Interval - Start Time: 6/30/2016 10:00:00 PM Stop Time: 8/4/2016 9:45:00 AM
 8/18/2016 9:16 Log Download - Used Battery: 8% Used Memory: 20% User Name: Elinden Interval - Start Time: 8/3/2016 12:00:00 PM Stop Time: 8/18/2016 1:50:45 PM
 8/25/2016 9:16 Log Download - Used Battery: 8% Used Memory: 21% User Name: Skuiper Interval - Start Time: 8/10/2016 10:00:00 PM Stop Time: 8/25/2016 8:35:00 PM
 8/31/2016 16:13 Log Download - Used Battery: 9% Used Memory: 21% User Name: Elinden Interval - Start Time: 8/17/2016 10:00:00 PM Stop Time: 8/31/2016 5:00:00 PM
 9/1/2016 12:53 Log Download - Used Battery: 9% Used Memory: 23% User Name: Skuiper Interval - Start Time: 7/31/2016 10:00:00 PM Stop Time: 9/1/2016 1:45:00 PM
 9/8/2016 11:08 Log Download - Used Battery: 9% Used Memory: 23% User Name: Skuiper Interval - Start Time: 8/31/2016 10:00:00 PM Stop Time: 9/8/2016 6:15:00 PM
 9/22/2016 11:10 Log Download - Used Battery: 9% Used Memory: 23% User Name: Skuiper Interval - Start Time: 8/31/2016 10:00:00 PM Stop Time: 9/22/2016 11:00:00 AM
 9/25/2016 10:00 Log Download - Used Battery: 9% Used Memory: 25% User Name: Skuiper Interval - Start Time: 9/14/2016 12:00:00 PM Stop Time: 10/2/2016 8:00:00 AM
 9/28/2016 15:10 Log Download - Used Battery: 10% Used Memory: 25% User Name: Anoris Interval - Start Time: 9/14/2016 10:00:00 PM Stop Time: 9/28/2016 4:00:00 PM
 10/2/2016 7:50 Log Download - Used Battery: 11% Used Memory: 26% User Name: Anoris Interval - Start Time: 9/21/2016 10:00:00 PM Stop Time: 10/2/2016 8:49:58 AM
 10/7/2016 18:02 Log Download - Used Battery: 11% Used Memory: 26% User Name: Skuiper Interval - Start Time: 9/28/2016 10:00:00 PM Stop Time: 10/7/2016 6:00:00 PM
 10/13/2016 9:39 Log Download - Used Battery: 11% Used Memory: 28% User Name: Skuiper Interval - Start Time: 10/5/2016 10:00:00 PM Stop Time: 10/13/2016 8:50:00 PM
 10/13/2016 8:49 Log Download - Used Battery: 12% Used Memory: 28% User Name: Skuiper Interval - Start Time: 10/12/2016 12:00:00 AM Stop Time: 10/20/2016 7:45:00 PM
 9/25/2016 8:52 Log Download - Used Battery: 12% Used Memory: 28% User Name: Skuiper Interval - Start Time: 10/2/2016 12:00:00 PM Stop Time: 10/20/2016 8:45:00 AM
 10/27/2016 9:57 Log Download - Used Battery: 12% Used Memory: 29% User Name: Skuiper Interval - Start Time: 10/19/2016 10:00:00 PM Stop Time: 10/27/2016 9:45:00 AM
 11/1/2016 8:51 Log Download - Used Battery: 12% Used Memory: 29% User Name: Skuiper Interval - Start Time: 9/30/2016 10:00:00 PM Stop Time: 11/3/2016 6:15:00 PM
 11/10/2016 13:01 Log Download - Used Battery: 13% Used Memory: 31% User Name: Skuiper Interval - Start Time: 11/2/2016 10:00:00 PM Stop Time: 11/10/2016 11:55:00 AM
 11/17/2016 8:14 Log Download - Used Battery: 13% Used Memory: 31% User Name: Skuiper Interval - Start Time: 11/9/2016 10:00:00 PM Stop Time: 11/17/2016 9:00:00 PM
 11/24/2016 15:02 Log Download - Used Battery: 13% Used Memory: 32% User Name: Skuiper Interval - Start Time: 11/15/2016 10:00:00 PM Stop Time: 11/24/2016 4:00:00 PM
 12/1/2016 15:53 Log Download - Used Battery: 14% Used Memory: 32% User Name: Skuiper Interval - Start Time: 10/31/2016 10:00:00 PM Stop Time: 12/1/2016 1:45:00 PM
 12/1/2016 10:08 Log Download - Used Battery: 14% Used Memory: 34% User Name: Skuiper Interval - Start Time: 11/30/2016 10:00:00 PM Stop Time: 12/1/2016 8:45:00 AM
 12/8/2016 8:44 Log Download - Used Battery: 14% Used Memory: 34% User Name: Skuiper Interval - Start Time: 11/30/2016 10:00:00 PM Stop Time: 12/8/2016 11:00:00 AM
 12/15/2016 8:07 Log Download - Used Battery: 14% Used Memory: 34% User Name: Skuiper Interval - Start Time: 12/7/2016 10:00:00 PM Stop Time: 12/15/2016 11:55:00 AM
 12/22/2016 18:55 Log Download - Used Battery: 15% Used Memory: 35% User Name: Anoris Interval - Start Time: 12/14/2016 10:00:00 PM Stop Time: 12/22/2016 7

Log Data:
Record Count 715

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

Time Zone: Pacific Daylight Time/Pacific Standard Time

[illegible]

11/2/2017 17:00	68400	123 59	19 637	278 398	41662 969	46417 207	30 428	31 564	24 002	1 021	14 742
11/2/2017 17:15	69300	123 605	19 638	278 433	41658 52	46412 004	30 424	31 56	24 005	1 021	14 737
11/2/2017 17:30	70200	123 615	19 64	278 455	41685 055	46439 402	30 444	31 579	23 989	1 021	14 735
11/2/2017 17:45	71100	123 633	19 633	278 496	41657 672	46415 699	30 427	31 563	24 005	1 021	14 732
11/2/2017 18:00	72000	123 644	19 637	278 521	41666 547	46422 055	30 431	31 567	24	1 021	14 741
11/2/2017 18:15	72900	123 684	19 638	278 61	41682 395	46438 203	30 443	31 578	23 991	1 021	14 743
11/2/2017 18:30	73800	123 71	19 631	278 669	41689 358	46452 659	30 454	31 588	23 984	1 021	14 734
11/2/2017 18:45	74700	123 738	19 637	278 732	41669 242	46424 453	30 433	31 569	23 999	1 021	14 738
11/2/2017 19:00	75600	123 777	19 634	278 82	41725 211	46490 27	30 481	31 613	23 966	1 021	14 738
11/2/2017 19:15	76500	123 808	19 629	278 889	41655 824	46418 039	30 428	31 564	24 006	1 021	14 74
11/2/2017 19:30	77400	123 845	19 637	278 973	41712 023	46472 043	30 468	31 601	23 974	1 021	14 74
11/2/2017 19:45	78300	123 884	19 639	279 061	41675 371	46469 227	30 437	31 572	23 995	1 021	14 738
11/2/2017 20:00	79200	123 917	19 642	279 135	41703 754	46458 004	30 458	31 581	23 979	1 021	14 741
11/2/2017 20:15	80100	123 962	19 639	279 235	41677 051	46431 348	30 438	31 573	23 994	1 021	14 734
11/2/2017 20:30	81000	123 989	19 642	279 297	41672 867	46423 512	30 433	31 568	23 996	1 021	14 741
11/2/2017 20:45	81900	124 053	19 642	279 442	41698 316	46451 773	30 453	31 587	23 982	1 021	14 738
11/2/2017 21:00	82800	124 06	19 642	279 458	41690 066	46442 922	30 447	31 581	23 987	1 021	14 736
11/2/2017 21:15	83700	124 08	19 637	279 501	41677 469	46434 313	30 44	31 575	23 994	1 021	14 743
11/2/2017 21:30	84600	124 115	19 636	279 581	41710 73	46472 059	30 468	31 601	23 975	1 021	14 733
11/2/2017 21:45	85500	124 121	19 641	279 595	41671 934	46424 184	30 433	31 568	23 997	1 021	14 744
11/2/2017 22:00	86400	124 138	19 643	279 633	41726 777	46483 297	30 476	31 609	23 965	1 021	14 746
11/2/2017 22:15	87300	124 156	19 633	279 673	41680 34	46441 039	30 445	31 58	23 992	1 021	14 739
11/2/2017 22:30	88200	124 163	19 636	279 688	41676 391	46433 461	30 44	31 575	23 994	1 021	14 742
11/2/2017 22:45	89100	124 161	19 636	279 685	41691 836	46450 824	30 452	31 587	23 986	1 021	14 745
11/2/2017 23:00	90000	124 16	19 626	279 683	41669	46435 297	30 441	31 576	23 999	1 021	14 747
11/2/2017 23:15	90900	124 154	19 627	279 669	41684 098	46450 738	30 452	31 587	23 99	1 021	14 741
11/2/2017 23:30	91800	124 142	19 631	279 643	41708 289	46474 52	30 47	31 603	23 976	1 021	14 744
11/2/2017 23:45	92700	124 124	19 637	279 601	41684 254	46441 352	30 446	31 58	23 99	1 021	14 749
11/3/2017 0:00	93600	124 109	19 64	279 567	41662 27	46413 93	30 426	31 561	24 003	1 021	14 745
11/3/2017 0:15	94500	124 084	19 64	279 511	41703 02	46459 328	30 459	31 592	23 979	1 021	14 75
11/3/2017 0:30	95400	124 062	19 637	279 463	41665 645	46421 141	30 431	31 566	24 001	1 021	14 748
11/3/2017 0:45	96300	124 041	19 634	279 414	41670 191	46428 355	30 436	31 571	23 998	1 021	14 744
11/3/2017 1:00	97200	124 007	19 637	279 338	41662 359	46417 48	30 428	31 564	24 002	1 021	14 744
11/3/2017 1:15	98100	123 974	19 634	279 263	41693 539	46454 891	30 455	31 589	23 985	1 021	14 746
11/3/2017 1:30	99000	123 954	19 642	279 219	41682 918	46434 957	30 441	31 576	23 991	1 021	14 739
11/3/2017 1:45	99900	123 92	19 64	279 141	41714 168	46471 672	30 468	31 601	23 973	1 021	14 743
11/3/2017 2:00	100800	123 887	19 638	279 068	41650 699	46469 988	30 422	31 559	24 009	1 021	14 740
11/3/2017 2:15	101700	123 856	19 636	278 997	41697 613	46457 445	30 457	31 591	23 982	1 021	14 748
11/3/2017 2:30	102600	123 824	19 631	278 927	41711 676	46478 371	30 472	31 605	23 974	1 021	14 746
11/3/2017 2:45	103500	123 795	19 636	278 861	41681 926	46439 445	30 444	31 579	23 991	1 021	14 751
11/3/2017 3:00	104400	123 779	19 639	278 824	41674 195	46428 164	30 436	31 571	23 996	1 021	14 74
11/3/2017 3:15	105300	123 756	19 633	278 773	41680 594	46440 895	30 445	31 58	23 992	1 021	14 745
11/3/2017 3:30	106200	123 745	19 636	278 745	41678 982	46449 871	30 451	31 586	23 993	1 021	14 746
11/3/2017 3:45	107100	123 728	19 625	278 71	41672 949	46431 086	30 438	31 573	23 996	1 021	14 742
11/3/2017 4:00	108000	123 73	19 636	278 714	41695 867	46455 242	30 456	31 59	23 983	1 021	14 732
11/3/2017 4:15	108900	123 731	19 639	278 715	41694 871	46450 77	30 453	31 587	23 984	1 021	14 736
11/3/2017 4:30	109800	123 721	19 635	278 694	41666 145	46422 813	30 432	31 568	24	1 021	14 746
11/3/2017 4:45	110700	123 729	19 624	278 713	41638 969	46403 371	30 417	31 554	24 016	1 021	14 744
11/3/2017 5:00	111600	123 74	19 624	278 737	41672 031	46440 137	30 444	31 579	23 997	1 021	14 749
11/3/2017 5:15	112500	123 753	19 62	278 767	41649 031	46418 902	30 428	31 565	24 01	1 021	14 745
11/3/2017 5:30	113400	123 768	19 622	278 799	41691 844	46464 195	30 462	31 596	23 986	1 021	14 752
11/3/2017 5:45	114300	123 796	19 629	278 864	41672 543	46436 23	30 441	31 577	23 997	1 021	14 75
11/3/2017 6:00	115200	123 826	19 636	278 931	41678 66	46436 59	30 442	31 577	23 993	1 021	14 744
11/3/2017 6:15	116100	123 858	19 623	279 001	41672 105	46441 52	30 445	31 58	23 997	1 021	14 748
11/3/2017 6:30	117000	123 899	19 625	279 095	41674 219	46441 793	30 445	31 58	23 996	1 021	14 739
11/3/2017 6:45	117900	123 942	19 623	279 191	41654 23	46421 844	30 431	31 567	24 007	1 021	14 738
11/3/2017 7:00	118800	123 97	19 638	279 255	41694 535	46452 203	30 454	31 587	23 984	1 021	14 746
11/3/2017 7:15	119700	124 018	19 644	279 364	41701 891	46453 77	30 455	31 589	23 98	1 021	14 74
11/3/2017 7:30	120600	124 05	19 642	279 435	41706 789	46461 301	30 46	31 594	23 977	1 021	14 745
11/3/2017 7:45	121500	124 102	19 642	279 553	41676 375	46427 586	30 436	31 571	23 994	1 021	14 748
11/3/2017 8:00	122400	124 145	19 635	279 648	41681 43	46440 27	30 445	31 579	23 991	1 021	14 746
11/3/2017 8:15	123300	124 185	19 631	279 739	41664 363	46434 739	30 423	31 569	24 001	1 021	14 749
11/3/2017 8:30	124200	124 228	19 635	279 836	41664 879	46422 27	30 432	31 567	24 001	1 021	14 745
11/3/2017 8:45	125100	124 263	19 636	279 915	41661 852	46417 863	30 428	31 564	24 003	1 021	14 75
11/3/2017 9:00	126000	124 291	19 645	279 978	41673 602	46422 086	30 432	31 567	23 996	1 021	14 757
11/3/2017 9:15	126900	124 324	19 64	280 051	41699 801	46455 832	30 456	31 59	23 981	1 021	14 758
11/3/2017 9:30	127800	124 351	19 644	280 114	41706 512	46459 438	30 459	31 592	23 977	1 021	14 763
11/3/2017 9:45	128700	124 374	19 626	280 165	41652 801	46417 065	30 427	31 564	24 008	1 021	14 748
11/3/2017 10:00	129600	124 388	19 62	280 197	41682 34	46456 184	30 456	31 59	23 991	1 021	14 765
11/3/2017 10:15	130500	124 403	19 639	280 23	41690 707	46447 078	30 45	31 584	23 986	1 021	14 757
11/3/2017 10:30	131400	124 414	19 639	280 255	41704 668	46462 113	30 461	31 594	23 978	1 021	14 753
11/3/2017 10:45	132300	124 401	19 64	280 225	41706 277	46463 402	30 462	31 595	23 977	1 021	14 762
11/3/2017 11:00	133200	124 396	19 636	280 214	41688 691	46447 594	30 445	31 584	23 987	1 021	14 761
11/3/2017 11:15	134100	124 386	19 637	280 191	41667 973	46423 649	30 433	31 568	23 999	1 021	14 768
11/3/2017 11:30	135000	124 359	19 637	280 131	41710 469	46470 988	30 467	31 6	23 975	1 021	14 765
11/3/2017 11:45	135900	124 342	19 64	280 092	41685 512	46439 914	30 445	31 579	23 989	1 021	14 761
11/3/2017 12:00	136800	124 322	19 636	280 048	41669 75	46426 316	30 435	31 57	23 998	1 021	14 754
11/3/2017 12:15	137700	124 288	19 637	279 972	41695 945	46454 129	30 455	31 589	23 983	1 021	14 752
11/3/2017 12:30	138600	124 25	19 633	279 885	41685 926	46447 266	30 445	31 584	23 989	1 021	14 754
11/3/2017 12:45	139500	124 208	19 623	279 791	41678 223	46448 891	30 435	31 585	23 993	1 021	14 745
11/3/2017 13:00	140400	124 161	19 63	279 684	41679 961	46443 891	30 447	31 582	23 992	1 021	14 746
11/3/2017 13:15	141300	124 121	19 639	279 594	41664 051	46416 863	30 428	31 563	24 002	1 021	14 745
11/3/2017 13:30	142200	124 068	19 639								

11/4/2017 21:45	258900	123.93	19.637	279.165	41676.281	46432.129	30.439	31.574	23.994	1.021	14.765
11/4/2017 22:00	259200	123.976	19.629	279.268	41692.91	46458.586	30.458	31.592	23.985	1.021	14.759
11/4/2017 22:15	260100	123.999	19.635	279.321	41676.871	46434.852	30.441	31.576	23.994	1.021	14.777
11/4/2017 22:30	261000	124.038	19.634	279.407	41710.387	46473.75	30.469	31.602	23.975	1.021	14.776
11/4/2017 22:45	261900	124.066	19.639	279.47	41713.91	46471.91	30.468	31.601	23.973	1.021	14.779
11/4/2017 23:00	262800	124.099	19.638	279.546	41710.98	46470.817	30.467	31.6	23.975	1.021	14.777
11/5/2017 23:15	263700	124.127	19.645	279.608	41706.164	46457.414	30.458	31.598	23.972	1.021	14.775
11/4/2017 23:30	264600	124.153	19.639	279.666	41724.535	46484.422	30.477	31.609	23.967	1.021	14.772
11/4/2017 23:45	265500	124.173	19.631	279.713	41714.492	46480.914	30.474	31.607	23.972	1.021	14.776
11/5/2017 0:00	266400	124.188	19.639	279.746	41686.289	46441.992	30.451	31.581	23.989	1.021	14.774
11/5/2017 0:15	267300	124.189	19.642	279.747	41690.207	46443.258	30.447	31.581	23.986	1.021	14.779
11/5/2017 0:30	268200	124.159	19.641	279.68	41706.467	46462.801	30.446	31.595	23.977	1.021	14.783
11/5/2017 0:45	269100	124.189	19.622	279.148	41686.035	46469.348	30.465	31.599	23.983	1.021	14.781
11/5/2017 1:00	270000	124.184	19.625	279.737	41707.797	46479.477	30.473	31.606	23.976	1.021	14.782
11/5/2017 1:15	270900	124.183	19.62	279.735	41644.164	46413.387	30.424	31.561	24.013	1.021	14.782
11/5/2017 1:30	271800	124.169	19.639	279.702	41681.313	46436.445	30.442	31.577	23.992	1.021	14.782
11/5/2017 1:45	272700	124.156	19.624	279.674	41682.098	46451.953	30.453	31.587	23.991	1.021	14.782
11/5/2017 2:00	273600	124.14	19.626	279.637	41688.281	46457.125	30.457	31.591	23.988	1.021	14.778
11/5/2017 2:15	274500	124.115	19.629	279.581	41687.367	46453.188	30.454	31.588	23.988	1.021	14.786
11/5/2017 2:30	275400	124.091	19.637	279.528	41689.211	46447.305	30.45	31.584	23.987	1.021	14.783
11/5/2017 2:45	276300	124.071	19.631	279.483	41689.125	46452.988	30.454	31.588	23.987	1.021	14.783
11/5/2017 2:00	277200	124.048	19.631	279.429	41678.969	46441.578	30.445	31.58	23.993	1.021	14.781
11/5/2017 2:15	278100	124.017	19.617	279.361	41681.508	46458.273	30.457	31.592	23.991	1.021	14.789
11/5/2017 2:30	279000	123.997	19.63	279.315	41686.289	46450.77	30.452	31.587	23.989	1.021	14.782
11/5/2017 2:45	279900	123.974	19.623	279.264	41649.121	46415.641	30.426	31.563	24.01	1.021	14.78
11/5/2017 3:00	280800	123.946	19.616	279.2	41670.426	46446.961	30.449	31.584	23.998	1.021	14.79
11/5/2017 3:15	281700	123.932	19.622	279.168	41707.867	46482.656	30.475	31.608	23.976	1.021	14.781
11/5/2017 3:30	282600	123.912	19.627	279.124	41656.82	46420.254	30.43	31.566	24.006	1.021	14.786
11/5/2017 3:45	283500	123.895	19.635	279.085	41681.988	46441.16	30.445	31.58	23.991	1.021	14.784
11/5/2017 4:00	284400	123.89	19.626	279.074	41712.547	46484.164	30.476	31.609	23.974	1.021	14.782
11/5/2017 4:15	285300	123.879	19.631	279.075	41686.337	46449.895	30.451	31.596	23.989	1.021	14.784
11/5/2017 4:30	286200	123.872	19.628	279.034	41667.988	46432.531	30.439	31.574	23.999	1.021	14.788
11/5/2017 4:45	287100	123.871	19.631	279.032	41685.777	46448.738	30.451	31.585	23.989	1.021	14.789
11/5/2017 5:00	288000	123.875	19.639	279.04	41682.727	46437.594	30.443	31.578	23.991	1.021	14.792
11/5/2017 5:15	288900	123.884	19.636	279.061	41708.418	46468.961	30.466	31.599	23.976	1.021	14.794
11/5/2017 5:30	289800	123.9	19.635	279.097	41706.086	46467.664	30.465	31.598	23.977	1.021	14.79
11/5/2017 5:45	290700	123.945	19.648	279.14	41666.621	46410.651	30.424	31.559	24.024	1.021	14.792
11/5/2017 6:00	291600	123.945	19.637	279.198	41674.602	46430.945	30.438	31.573	23.995	1.021	14.791
11/5/2017 6:15	292500	123.967	19.639	279.248	41697.605	46454.766	30.455	31.589	23.982	1.021	14.795
11/5/2017 6:30	293400	124	19.635	279.323	41666.633	46424.223	30.433	31.568	24	1.021	14.793
11/5/2017 6:45	294300	124.024	19.638	279.376	41703.719	46462.359	30.461	31.594	23.979	1.021	14.8
11/5/2017 7:00	295200	124.065	19.64	279.469	41705.07	46461.883	30.461	31.594	23.978	1.021	14.801
11/5/2017 7:15	296100	124.011	19.64	279.549	41685.094	46453.21	30.454	31.589	23.989	1.021	14.809
11/5/2017 7:30	297000	124.143	19.624	279.645	41680.133	46439.43	30.444	31.579	23.992	1.021	14.803
11/5/2017 7:45	297900	124.185	19.639	279.739	41676.039	46429.879	30.437	31.572	23.995	1.021	14.801
11/5/2017 8:00	298800	124.22	19.641	279.819	41706.52	46462.367	30.461	31.594	23.977	1.021	14.813
11/5/2017 8:15	299700	124.268	19.632	279.926	41673.094	46434.266	30.44	31.575	23.996	1.021	14.808
11/5/2017 8:30	300600	124.308	19.623	280.017	41702.898	46475.652	30.47	31.603	23.979	1.021	14.809
11/5/2017 8:45	301500	124.347	19.631	280.105	41682.309	46456.355	30.467	31.59	23.985	1.021	14.815
11/5/2017 9:00	302400	124.382	19.632	280.182	41702.91	46467.223	30.464	31.598	23.979	1.021	14.812
11/5/2017 9:15	303300	124.422	19.637	280.272	41693.691	46452.215	30.454	31.588	23.984	1.021	14.811
11/5/2017 9:30	304200	124.445	19.647	280.325	41723.824	46475.102	30.471	31.603	23.967	1.021	14.816
11/5/2017 9:45	305100	124.471	19.638	280.382	41695.238	46453.078	30.454	31.588	23.984	1.021	14.818
11/5/2017 10:00	306000	124.489	19.642	280.424	41697.078	46450.391	30.452	31.586	23.982	1.021	14.816
11/5/2017 10:15	306900	124.51	19.639	280.47	41697.113	46453.621	30.455	31.588	23.982	1.021	14.814
11/5/2017 10:30	307800	124.519	19.641	280.491	41712.953	46491.914	30.483	31.615	23.962	1.021	14.814
11/5/2017 10:45	308700	124.524	19.641	280.502	41695.5	46459.66	30.459	31.593	23.983	1.021	14.813
11/5/2017 11:00	309600	124.517	19.645	280.486	41708.418	46460.355	30.46	31.593	23.976	1.021	14.813
11/5/2017 11:15	310500	124.514	19.64	280.479	41670.66	46423.117	30.432	31.568	23.998	1.021	14.812
11/5/2017 11:30	311400	124.501	19.641	280.451	41728.008	46486.652	30.479	31.611	23.965	1.021	14.805
11/5/2017 11:45	312300	124.485	19.639	280.415	41682.016	46414.77	30.426	31.562	24.003	1.021	14.802
11/5/2017 12:00	313200	124.461	19.636	280.36	41681.563	46439.652	30.444	31.579	23.991	1.021	14.799
11/5/2017 12:15	314100	124.426	19.637	280.281	41697.188	46456.027	30.456	31.59	23.982	1.021	14.799
11/5/2017 12:30	315000	124.393	19.623	280.208	41684.766	46456.141	30.456	31.59	23.99	1.021	14.794
11/5/2017 12:45	315900	124.353	19.629	280.117	41679.668	46443.902	30.447	31.582	23.993	1.021	14.793
11/5/2017 13:00	316800	124.318	19.627	280.038	41696.957	46464.98	30.462	31.596	23.983	1.021	14.786
11/5/2017 13:15	317700	124.267	19.637	279.924	41659.086	46413.66	30.425	31.561	24.004	1.021	14.786
11/5/2017 13:30	318600	124.223	19.626	279.824	41694.766	46436.828	30.462	31.595	23.984	1.021	14.787
11/5/2017 13:45	319500	124.162	19.618	279.688	41661.684	46435.063	30.44	31.576	24.003	1.021	14.787
11/5/2017 14:00	320400	124.114	19.637	279.579	41711.617	46471.41	30.468	31.601	23.974	1.021	14.781
11/5/2017 14:15	321300	124.053	19.642	279.442	41693.914	46447.297	30.45	31.584	23.984	1.021	14.78
11/5/2017 14:30	322200	123.998	19.638	279.317	41664.527	46418.344	30.429	31.564	24.001	1.021	14.778
11/5/2017 14:45	323100	123.94	19.637	279.187	41712.059	46472.082	30.468	31.601	23.974	1.021	14.778
11/5/2017 15:00	324000	123.891	19.64	279.091	41687.18	46414.953	30.445	31.583	23.988	1.021	14.781
11/5/2017 15:15	324900	123.835	19.642	279.951	41687.199	46439.816	30.445	31.579	23.988	1.021	14.777
11/5/2017 15:30	325800	123.79	19.643	278.848	41730.094	46486.906	30.479	31.611	23.964	1.021	14.775
11/5/2017 15:45	326700	123.739	19.629	278.733	41690.25	46455.789	30.456	31.59	23.986	1.021	14.78
11/5/2017 16:00	327600	123.695	19.624	278.636	41649.277	46415.375	30.426	31.562	24.01	1.021	14.777
11/5/2017 16:15	328500	123.654	19.622	278.544	41673.871	46444.164	30.447	31.582	23.996	1.021	14.778
11/5/2017 16:30	329400	123.619	19.623	278.461	41720.117	46465.313	30.478	31.611	23.969	1.021	14.776
11/5/2017 16:45	330300	123.586	19.636	278.389	41644.766	46398.203	30.414	31.551	24.013	1.021	14.779
11/5/2017 17:00	331200	123.562	19.64	278.336	41716.855	46475.094	30.47	31.603	23.971	1.021	14.774
11/5/2017 17:15											

11/7/2017 1:30	448200	124.223	19.635	279.824	41740.09	46505.629	30.492	31.624	23.958	1.021	14.795
11/7/2017 1:45	449100	124.221	19.639	279.82	41701.285	46458.52	30.458	31.592	23.98	1.021	14.793
11/7/2017 2:00	450000	124.222	19.635	279.823	41693.887	46454.59	30.455	31.589	23.984	1.021	14.79
11/7/2017 2:15	450900	124.22	19.641	279.819	41686	46439.605	30.444	31.579	23.989	1.021	14.789
11/7/2017 2:30	451800	124.218	19.636	279.813	41682.477	46440.668	30.445	31.58	23.991	1.021	14.777
11/7/2017 2:45	452700	124.203	19.634	279.78	41688.719	46449.52	30.451	31.586	23.987	1.021	14.782
11/7/2017 3:00	453600	124.195	19.635	279.76	41684.578	46444.210	30.448	31.582	23.99	1.021	14.78
11/7/2017 3:15	454500	124.184	19.638	279.736	41722.422	46482.68	30.476	31.608	23.968	1.021	14.779
11/7/2017 3:30	455400	124.16	19.642	279.683	41719.734	46475.633	30.471	31.603	23.969	1.021	14.781
11/7/2017 3:45	456300	124.149	19.639	279.659	41727.445	46487.059	30.479	31.611	23.965	1.021	14.779
11/7/2017 4:00	457200	124.13	19.637	279.615	41701.621	46460.867	30.46	31.593	23.98	1.021	14.783
11/7/2017 4:15	458100	124.122	19.642	279.596	41705.324	46469.668	30.459	31.593	23.978	1.021	14.777
11/7/2017 4:30	459000	124.098	19.641	279.542	41668.547	46419.469	30.43	31.565	23.999	1.021	14.783
11/7/2017 4:45	459900	124.08	19.647	279.503	41666.395	46411.898	30.424	31.56	24	1.021	14.781
11/7/2017 5:00	460800	124.072	19.646	279.485	41696.68	46446.512	30.45	31.584	23.983	1.021	14.78
11/7/2017 5:15	461700	124.055	19.64	279.447	41735.145	46494.777	30.485	31.616	23.961	1.021	14.789
11/7/2017 5:30	462600	124.044	19.643	279.422	41684.242	46435.57	30.442	31.576	23.99	1.021	14.788
11/7/2017 5:45	463500	124.035	19.632	279.4	41694.754	46458.398	30.458	31.592	23.984	1.021	14.795
11/7/2017 6:00	464400	124.037	19.642	279.405	41715.797	46471.676	30.468	31.601	23.972	1.021	14.787
11/7/2017 6:15	465300	124.037	19.643	279.406	41722.477	46478.422	30.473	31.605	23.968	1.021	14.791
11/7/2017 6:30	466200	124.036	19.646	279.402	41726.648	46480.055	30.474	31.606	23.965	1.021	14.794
11/7/2017 6:45	467100	124.045	19.645	279.424	41679.973	46428.238	30.436	31.571	23.992	1.021	14.791
11/7/2017 7:00	468000	124.057	19.639	279.451	41715.914	46474.996	30.47	31.603	23.972	1.021	14.79
11/7/2017 7:15	468900	124.073	19.64	279.487	41668.805	46421.391	30.431	31.567	23.999	1.021	14.791
11/7/2017 7:30	469800	124.092	19.643	279.529	41704.551	46458.195	30.458	31.592	23.978	1.021	14.79
11/7/2017 7:45	470700	124.111	19.64	279.572	41705.996	46462.824	30.461	31.595	23.977	1.021	14.792
11/7/2017 8:00	471600	124.139	19.64	279.635	41699.969	46456.281	30.457	31.59	23.981	1.021	14.792
11/7/2017 8:15	472500	124.165	19.641	279.693	41733.059	46492.031	30.483	31.615	23.962	1.021	14.791
11/7/2017 8:30	473400	124.184	19.637	279.737	41699.512	46458.441	30.458	31.592	23.981	1.021	14.801
11/7/2017 8:45	474300	124.211	19.638	279.797	41675.605	46431.203	30.438	31.573	23.995	1.021	14.801
11/7/2017 9:00	475200	124.247	19.641	279.879	41707.91	46463.664	30.462	31.595	23.976	1.021	14.796
11/7/2017 9:15	476100	124.272	19.644	279.935	41703.141	46455.945	30.457	31.59	23.979	1.021	14.796
11/7/2017 9:30	477000	124.314	19.642	280.029	41755.922	46516.539	30.501	31.631	23.949	1.021	14.79
11/7/2017 9:45	477900	124.346	19.642	280.103	41720.918	46477.039	30.472	31.604	23.969	1.021	14.788
11/7/2017 10:00	478800	124.393	19.642	280.208	41677.863	46429.672	30.437	31.572	23.994	1.021	14.778
11/7/2017 10:15	479700	124.413	19.643	280.252	41757.352	46516.414	30.501	31.631	23.948	1.021	14.784
11/7/2017 10:30	480600	124.446	19.636	280.326	41681.73	46439.227	30.444	31.579	23.991	1.021	14.787
11/7/2017 10:45	481500	124.48	19.643	280.403	41698.02	46460.137	30.459	31.593	23.982	1.021	14.782
11/7/2017 11:00	482400	124.499	19.645	280.446	41687.23	46437.184	30.443	31.577	23.988	1.021	14.782
11/7/2017 11:15	483300	124.516	19.637	280.485	41702.984	46461.789	30.461	31.594	23.979	1.021	14.784
11/7/2017 11:30	484200	124.551	19.625	280.564	41701.805	46472.535	30.468	31.601	23.98	1.021	14.769
11/7/2017 11:45	485100	124.555	19.622	280.573	41672.422	46443.508	30.446	31.582	23.997	1.021	14.777
11/7/2017 12:00	486000	124.562	19.62	280.586	41695.676	46471.145	30.467	31.6	23.983	1.021	14.78
11/7/2017 12:15	486900	124.573	19.619	280.612	41706.336	46483.367	30.476	31.609	23.977	1.021	14.769
11/7/2017 12:30	487800	124.562	19.62	280.588	41676.195	46449.086	30.45	31.585	23.995	1.021	14.773
11/7/2017 12:45	488700	124.56	19.619	280.584	41691.836	46467.469	30.464	31.598	23.986	1.021	14.771
11/7/2017 13:00	489600	124.548	19.621	280.557	41737.332	46516.703	30.5	31.631	23.959	1.021	14.766
11/7/2017 13:15	490500	124.533	19.638	280.524	41714.875	46474.352	30.47	31.603	23.972	1.021	14.762
11/7/2017 13:30	491400	124.51	19.639	280.472	41694.148	46460.247	30.453	31.587	23.984	1.021	14.764
11/7/2017 13:45	492300	124.487	19.64	280.419	41734.074	46494.195	30.484	31.616	23.961	1.021	14.763
11/7/2017 14:00	493200	124.455	19.634	280.348	41694.73	46456.133	30.456	31.59	23.984	1.021	14.764
11/7/2017 14:15	494100	124.424	19.629	280.278	41716.422	46485.645	30.478	31.61	23.971	1.021	14.76
11/7/2017 14:30	495000	124.379	19.63	280.177	41703.57	46470.281	30.466	31.6	23.979	1.021	14.764
11/7/2017 14:45	495900	124.336	19.642	280.078	41691.789	46445.023	30.448	31.583	23.986	1.021	14.766
11/7/2017 15:00	496800	124.295	19.646	279.986	41728.832	46481.879	30.476	31.608	23.964	1.021	14.758
11/7/2017 15:15	497700	124.25	19.644	279.885	41695.127	46442.492	30.447	31.581	23.967	1.021	14.766
11/7/2017 15:30	498600	124.2	19.642	279.773	41707.758	46462.973	30.462	31.595	23.976	1.021	14.756
11/7/2017 15:45	499500	124.155	19.631	279.672	41718.543	46485.77	30.478	31.61	23.97	1.021	14.754
11/7/2017 16:00	500400	124.103	19.627	279.553	41680.574	46447.59	30.45	31.584	23.992	1.021	14.751
11/7/2017 16:15	501300	124.044	19.631	279.421	41705.688	46470.922	30.467	31.6	23.978	1.021	14.758
11/7/2017 16:30	502200	124.028	19.637	279.385	41686.766	46444.07	30.448	31.582	23.988	1.021	14.754
11/7/2017 16:45	503100	123.944	19.637	279.197	41704.611	46463.727	30.462	31.595	23.978	1.021	14.755
11/7/2017 17:00	504000	123.896	19.642	279.087	41706.063	46460.316	30.46	31.593	23.977	1.021	14.752
11/7/2017 17:15	504900	123.851	19.634	278.986	41677.035	46436.418	30.442	31.577	23.994	1.021	14.749
11/7/2017 17:30	505800	123.804	19.631	278.881	41707.758	46473.832	30.469	31.602	23.976	1.021	14.759
11/7/2017 17:45	506700	123.756	19.629	278.771	41713.27	46481.273	30.474	31.607	23.973	1.021	14.756
11/7/2017 18:00	507600	123.724	19.623	278.701	41711.82	46485.316	30.477	31.61	23.974	1.021	14.755
11/7/2017 18:15	508500	123.682	19.624	278.612	41646.512	46412.641	30.424	31.561	24.002	1.021	14.761
11/7/2017 18:30	509400	123.649	19.624	278.532	41677.113	46445.969	30.448	31.583	23.994	1.021	14.764
11/7/2017 18:45	510300	123.623	19.625	278.474	41681.57	46450.074	30.451	31.586	23.991	1.021	14.765
11/7/2017 19:00	511200	123.6	19.638	278.422	41695.254	46452.492	30.454	31.588	23.984	1.021	14.758
11/7/2017 19:15	512100	123.594	19.626	278.407	41690.797	46459.242	30.458	31.592	23.986	1.021	14.758
11/7/2017 19:30	513000	123.568	19.625	278.348	41699.117	46469.895	30.466	31.6	23.981	1.021	14.764
11/7/2017 19:45	513900	123.565	19.636	278.343	41693.418	46462.743	30.461	31.595	23.985	1.021	14.765
11/7/2017 20:00	514800	123.557	19.636	278.325	41687.105	46445.215	30.448	31.583	23.988	1.021	14.765
11/7/2017 20:15	515700	123.57	19.639	278.354	41706.406	46464.57	30.463	31.596	23.977	1.021	14.758
11/7/2017 20:30	516600	123.571	19.63	278.356	41683.758	46447.527	30.45	31.584	23.99	1.021	14.759
11/7/2017 20:45	517500	123.588	19.625	278.393	41690.316	46460.086	30.459	31.593	23.986	1.021	14.763
11/7/2017 21:00	518400	123.602	19.625	278.425	41686.418	46455.91	30.456	31.59	23.989	1.021	14.766
11/7/2017 21:15	519300	123.621	19.628	278.468	41668.988	464625.031	30.434	31.569	23.999	1.021	14.769
11/7/2017 21:30	520200	123.648	19.624	278.53	41699.785	46471.93	30.467	31.601	23.981	1.021	14.769
11/7/2017 21:45	521100	123.716	19.622	278.683	41692.301	46464.969	30.462	31.596	23.985	1.021	14.768
11/7/2017 22:00	5220										

Report Date: 11/10/2017 8:39
Report User Name: WMassoll
Report Computer Name: WKST52
Application: WinSitu.exe
Application Version: 5.6.27.1

Log File Properties
File Name: MPWSP MW-3M Pre Test_2017-11-09_07-47-38-860.wsl
Create Date: 11/9/2017 7:47

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

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

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

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

Log Notes:
Date and Time Note
8/4/2016 9:51 Sensor SN: 395601 Factory calibration has expired.: 12/15/2015 5:21:19 PM
8/4/2016 9:51 Used Battery: 28% Used Memory: 67% User Name: SKuiper
8/4/2016 18:34 Log Download - Used Battery: 28% Used Memory: 67% User Name: SKuiper
8/11/2016 13:16 Log Download - Used Battery: 28% Used Memory: 67% User Name: ELinden Interval - Start Time: 8/3/2016 7:00:00 AM Stop Time: 8/11/2016 2:15:00 PM
8/18/2016 9:21 Log Download - Used Battery: 29% Used Memory: 68% User Name: SKuiper Interval - Start Time: 8/10/2016 10:00:00 PM Stop Time: 8/18/2016 9:15:00 AM
8/25/2016 16:07 Log Download - Used Battery: 29% Used Memory: 68% User Name: ELinden Interval - Start Time: 8/17/2016 10:00:00 PM Stop Time: 8/25/2016 5:00:00 PM
9/1/2016 12:59 Log Download - Used Battery: 29% Used Memory: 70% User Name: skuiper Interval - Start Time: 7/31/2016 10:00:00 PM Stop Time: 9/1/2016 1:45:00 PM
9/8/2016 11:13 Log Download - Used Battery: 30% Used Memory: 70% User Name: SKuiper Interval - Start Time: 8/31/2016 10:00:00 PM Stop Time: 9/8/2016 11:00:00 AM
9/15/2016 18:58 Log Download - Used Battery: 30% Used Memory: 71% User Name: ANorris Interval - Start Time: 9/7/2016 10:00:00 PM Stop Time: 9/15/2016 7:45:00 PM
9/22/2016 15:14 Log Download - Used Battery: 30% Used Memory: 71% User Name: ANorris Interval - Start Time: 9/14/2016 10:00:00 PM Stop Time: 9/22/2016 4:00:00 PM
10/2/2016 8:04 Log Download - Used Battery: 31% Used Memory: 73% User Name: ANorris Interval - Start Time: 9/21/2016 10:00:00 PM Stop Time: 10/2/2016 9:00:00 AM
10/7/2016 18:04 Log Download - Used Battery: 31% Used Memory: 73% User Name: SKuiper Interval - Start Time: 9/28/2016 10:00:00 PM Stop Time: 10/7/2016 6:00:00 PM
10/13/2016 9:44 Log Download - Used Battery: 31% Used Memory: 75% User Name: SKuiper Interval - Start Time: 10/5/2016 10:00:00 PM Stop Time: 10/13/2016 9:30:00 AM
10/20/2016 8:55 Log Download - Used Battery: 32% Used Memory: 75% User Name: SKuiper Interval - Start Time: 10/12/2016 10:00:00 PM Stop Time: 10/20/2016 8:45:00 AM
10/27/2016 10:03 Log Download - Used Battery: 32% Used Memory: 76% User Name: SKuiper Interval - Start Time: 10/19/2016 10:00:00 PM Stop Time: 10/27/2016 10:45:00 AM
11/3/2016 8:57 Log Download - Used Battery: 32% Used Memory: 76% User Name: SKuiper Interval - Start Time: 9/30/2016 10:00:00 PM Stop Time: 11/3/2016 10:45:00 AM
11/10/2016 13:07 Log Download - Used Battery: 33% Used Memory: 78% User Name: SKuiper Interval - Start Time: 11/2/2016 10:00:00 PM Stop Time: 11/10/2016 1:00:00 PM
11/17/2016 8:17 Log Download - Used Battery: 33% Used Memory: 78% User Name: SKuiper Interval - Start Time: 11/9/2016 10:00:00 PM Stop Time: 11/17/2016 10:15:00 AM
11/24/2016 15:09 Log Download - Used Battery: 34% Used Memory: 79% User Name: SKuiper Interval - Start Time: 11/15/2016 10:00:00 PM Stop Time: 11/24/2016 3:00:00 PM
12/1/2016 13:58 Log Download - Used Battery: 34% Used Memory: 79% User Name: SKuiper Interval - Start Time: 10/31/2016 10:00:00 PM Stop Time: 12/1/2016 1:45:00 PM
12/8/2016 8:48 Log Download - Used Battery: 34% Used Memory: 81% User Name: SKuiper Interval - Start Time: 11/30/2016 10:00:00 PM Stop Time: 12/8/2016 8:45:00 AM
12/15/2016 8:10 Log Download - Used Battery: 35% Used Memory: 81% User Name: SKuiper Interval - Start Time: 12/7/2016 10:00:00 PM Stop Time: 12/15/2016 8:00:00 PM
12/22/2016 18:59 Log Download - Used Battery: 35% Used Memory: 82% User Name: ANorris Interval - Start Time: 12/14/2016 10:00:00 PM Stop Time: 12/22/2016 7:45:00 PM
1/5/2017 14:30 Log Download - Used Battery: 36% Used Memory: 84% User Name: SKuiper Interval - Start Time: 11/30/2016 10:00:00 PM Stop Time: 1/5/2017 2:30:00 PM
1/12/2017 8:49 Log Download - Used Battery: 36% Used Memory: 85% User Name: SKuiper Interval - Start Time: 1/4/2017 10:00:00 PM Stop Time: 1/12/2017 8:45:00 AM
1/19/2017 10:02 Log Download - Used Battery: 36% Used Memory: 85% User Name: EHernandez Interval - Start Time: 1/11/2017 10:00:00 PM Stop Time: 1/19/2017 11:00:00 AM
1/26/2017 13:31 Log Download - Used Battery: 37% Used Memory: 87% User Name: SKuiper Interval - Start Time: 1/18/2017 10:00:00 PM Stop Time: 1/26/2017 1:30:00 PM
2/2/2017 7:55 Log Download - Used Battery: 37% Used Memory: 87% User Name: WMassoll Interval - Start Time: 12/31/2016 10:00:00 PM Stop Time: 2/2/2017 7:45:00 PM
2/9/2017 10:53 Log Download - Used Battery: 38% Used Memory: 89% User Name: EHernandez Interval - Start Time: 2/1/2017 12:00:00 AM Stop Time: 2/9/2017 11:45:00 AM
2/16/2017 13:53 Log Download - Used Battery: 38% Used Memory: 89% User Name: WMassoll Interval - Start Time: 2/8/2017 10:00:00 PM Stop Time: 2/16/2017 2:45:00 PM
2/23/2017 8:39 Log Download - Used Battery: 38% Used Memory: 90% User Name: EHernandez Interval - Start Time: 2/15/2017 12:00:00 AM Stop Time: 2/23/2017 9:30:00 AM
3/2/2017 10:31 Log Download - Used Battery: 39% Used Memory: 90% User Name: SKuiper Interval - Start Time: 1/31/2017 10:00:00 PM Stop Time: 3/2/2017 10:30:00 AM
3/9/2017 17:11 Log Download - Used Battery: 39% Used Memory: 92% User Name: WMassoll Interval - Start Time: 3/1/2017 11:30:00 PM Stop Time: 3/9/2017 6:00:00 PM
3/16/2017 18:22 Log Download - Used Battery: 39% Used Memory: 92% User Name: WMassoll Interval - Start Time: 3/8/2017 10:00:00 PM Stop Time: 3/16/2017 7:15:00 PM
3/23/2017 10:41 Log Download - Used Battery: 40% Used Memory: 93% User Name: AVanHaitsma Interval - Start Time: 3/15/2017 10:00:00 PM Stop Time: 3/23/2017 11:30:00 AM
3/30/2017 8:51 Log Download - Used Battery: 40% Used Memory: 93% User Name: AVanHaitsma Interval - Start Time: 3/22/2017 10:00:00 PM Stop Time: 3/30/2017 9:45:00 AM
4/6/2017 16:43 Log Download - Used Battery: 40% Used Memory: 95% User Name: WMassoll Interval - Start Time: 2/28/2017 12:00:00 PM Stop Time: 4/6/2017 5:30:00 PM
4/13/2017 14:21 Log Download - Used Battery: 41% Used Memory: 95% User Name: SKuiper Interval - Start Time: 4/5/2017 10:00:00 PM Stop Time: 4/13/2017 3:00:00 PM
4/20/2017 8:32 Log Download - Used Battery: 41% Used Memory: 96% User Name: AVanHaitsma Interval - Start Time: 4/12/2017 10:00:00 PM Stop Time: 4/20/2017 9:30:00 AM
4/27/2017 18:15 Log Download - Used Battery: 41% Used Memory: 96% User Name: WMassoll Interval - Start Time: 4/19/2017 10:00:00 PM Stop Time: 4/27/2017 6:15:00 PM
5/4/2017 8:29 Log Download - Used Battery: 42% Used Memory: 98% User Name: AVanHaitsma Interval - Start Time: 3/31/2017 10:00:00 PM Stop Time: 5/4/2017 9:15:00 AM
5/10/2017 15:38 Log Download - Used Battery: 42% Used Memory: 98% User Name: AVanHaitsma Interval - Start Time: 5/3/2017 10:00:00 PM Stop Time: 5/10/2017 3:30:00 PM
5/11/2017 8:37 Log Download - Used Battery: 42% Used Memory: 98% User Name: AVanHaitsma Interval - Start Time: 5/3/2017 10:00:00 PM Stop Time: 5/11/2017 9:30:00 AM
5/18/2017 12:36 Log Download - Used Battery: 43% Used Memory: 100% User Name: WMassoll Interval - Start Time: 5/10/2017 10:00:00 PM Stop Time: 5/18/2017 1:30:00 PM
5/25/2017 7:38 Log Download - Used Battery: 43% Used Memory: 100% User Name: AVanHaitsma Interval - Start Time: 5/17/2017 10:00:00 PM Stop Time: 5/25/2017 7:30:00 AM
6/1/2017 11:06 Log Download - Used Battery: 43% Used Memory: 100% User Name: WMassoll Interval - Start Time: 4/30/2017 10:00:00 PM Stop Time: 6/1/2017 12:00:00 PM
6/8/2017 14:46 Log Download - Used Battery: 44% Used Memory: 100% User Name: WMassoll Interval - Start Time: 5/31/2017 10:00:00 PM Stop Time: 6/8/2017 3:45:00 PM
6/15/2017 16:19 Log Download - Used Battery: 44% Used Memory: 100% User Name: AVanHaitsma Interval - Start Time: 6/7/2017 10:00:00 PM Stop Time: 6/15/2017 5:00:00 PM
6/22/2017 14:21 Log Download - Used Battery: 45% Used Memory: 100% User Name: AVanHaitsma Interval - Start Time: 6/14/2017 10:00:00 PM Stop Time: 6/22/2017 3:15:00 PM
6/29/2017 12:18 Log Download - Used Battery: 45% Used Memory: 100% User Name: WMassoll Interval - Start Time: 6/21/2017 10:00:00 PM Stop Time: 6/29/2017 12:15:00 PM
7/6/2017 11:50 Log Download - Used Battery: 45% Used Memory: 100% User Name: AVanHaitsma Interval - Start Time: 5/31/2017 10:00:00 PM Stop Time: 7/6/2017 12:45:00 PM
7/13/2017 17:16 Log Download - Used Battery: 46% Used Memory: 100% User Name: WMassoll Interval - Start Time: 7/5/2017 10:00:00 PM Stop Time: 7/13/2017 5:15:00 PM
7/20/2017 16:39 Log Download - Used Battery: 46% Used Memory: 100% User Name: WMassoll Interval - Start Time: 7/12/2017 10:00:00 PM Stop Time: 7/20/2017 4:30:00 PM
7/27/2017 8:41 Log Download - Used Battery: 46% Used Memory: 100% User Name: AVanHaitsma Interval - Start Time: 7/19/2017 10:00:00 PM Stop Time: 7/27/2017 9:30:00 AM
8/3/2017 7:22 Log Download - Used Battery: 47% Used Memory: 100% User Name: AVanHaitsma Interval - Start Time: 6/30/2017 10:00:00 PM Stop Time: 8/3/2017 8:15:00 AM
8/10/2017 15:08 Log Download - Used Battery: 47% Used Memory: 100% User Name: WMassoll Interval - Start Time: 8/2/2017 10:00:00 PM Stop Time: 8/10/2017 4:00:00 PM
8/17/2017 7:40 Log Download - Used Battery: 47% Used Memory: 100% User Name: AVanHaitsma Interval - Start Time: 8/9/2017 10:00:00 PM Stop Time: 8/17/2017 8:30:00 AM
8/17/2017 7:41 Log Download - Used Battery: 47% Used Memory: 100% User Name: AVanHaitsma Interval - Start Time: 8/9/2017 10:00:00 PM Stop Time: 8/17/2017 8:30:00 AM
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: 716

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

Time Zone: Pacific Daylight Time/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)
11/2/2017 0:00	7200	65.232	17.193	146.942	35135.672	41293.27	26.612	28.079	28.461	
11/2/2017 0:15	8100	65.227	17.192	146.931	35114.668	41268.992	26.595	28.063	28.478	
11/2/2017 0:30	9000	65.229	17.193	146.935	35132.656	41289.891	26.61	28.077	28.464	
11/2/2017 0:45	9900	65.224	17.193	146.923	35136.039	41293.867	26.613	28.08	28.461	
11/2/2017 1:00	10800	65.223	17.193	146.922	35116.516	41270.43	26.596	28.064	28.477	
11/2/2017 1:15	11700	65.22	17.193	146.915	35108.227	41260.77	26.589	28.057	28.483	
11/2/2017 1:30	12600	65.212	17.193	146.897	35137.094	41294.77	26.614	28.08	28.46	
11/2/2017 1:45	13500	65.212	17.193	146.897	35145.539	41304.789	26.621	28.087	28.453	
11/2/2017 2:00	14400	65.205	17.193	146.881	35115.277	41269.383	26.595	28.063	28.478	
11/2/2017 2:15	15300	65.203	17.192	146.877	35126.922	41283.23	26.605	28.073	28.468	
11/2/2017 2:30	16200	65.197	17.193	146.862	35114.242	41268.004	26.594	28.062	28.478	
11/2/2017 2:45	17100	65.196	17.192	146.86	35107.813	41260.852	26.589	28.057	28.484	
11/2/2017 3:00	18000	65.193	17.193	146.853	35114.664	41268.5	26.595	28.063	28.478	
11/2/2017 3:15	18900	65.189	17.193	146.845	35128.355	41284.672	26.606	28.074	28.467	
11/2/2017 3:30	19800	65.19	17.193	146.848	35132.383	41289.324	26.61	28.077	28.464	
11/2/2017 3:45	20700	65.189	17.193	146.844	35147.379	41307.113	26.622	28.089	28.452	
11/2/2017 4:00	21600	65.19	17.193	146.847	35098.945	41249.863	26.581	28.05	28.491	
11/2/2017 4:15	22500	65.186	17.193	146.839	35107.77	41260.398	26.589	28.057	28.484	
11/2/2017 4:30	23400	65.185	17.192	146.835	35135.23	41293.074	26.612	28.079	28.461	
11/2/2017 4:45	24300	65.185	17.193	146.836	35110.004	41263.188	26.591	28.059	28.482	
11/2/2017 5:00	25200	65.186	17.193	146.839	35126.887	41282.867	26.605	28.072	28.468	
11/2/2017 5:15	26100	65.189	17.193	146.845	35115.973	41270.199	26.596	28.064	28.477	
11/2/2017 5:30	27000	65.19	17.193	146.846	35114.496	41268.141	26.595	28.062	28.478	
11/2/2017 5:45	27900	65.196	17.193	146.86	35119.813	41274.629	26.599	28.067	28.474	
11/2/2017 6:00	28800	65.199	17.193	146.867	35114.336	41267.949	26.594	28.062	28.478	
11/2/2017 6:15	29700	65.201	17.193	146.871	35098.117	41249.301	26.581	28.05	28.492	
11/2/2017 6:30	30600	65.205	17.193	146.88	35138.973	41296.82	26.615	28.082	28.458	
11/2/2017 6:45	31500	65.209	17.193	146.89	35078.148	41225.34	26.564	28.033	28.508	
11/2/2017 7:00	32400	65.212	17.193	146.896	35135.496	41292.891	26.612	28.079	28.461	
11/2/2017 7:15	33300	65.217	17.193	146.908	35125.297	41281.074	26.604	28.071	28.47	
11/2/2017 7:30	34200	65.222	17.193	146.92	35109.754	41262.73	26.591	28.059	28.482	
11/2/2017 7:45	35100	65.224	17.193	146.923	35131.957	41288.988	26.609	28.077	28.464	
11/2/2017 8:00	36000	65.231	17.193	146.94	35142.508	41301.305	26.618	28.085	28.456	
11/2/2017 8:15	36900	65.236	17.193	146.95	35112.949	41266.648	26.593	28.061	28.48	
11/2/2017 8:30	37800	65.245	17.193	146.97	35122.727	41277.883	26.601	28.069	28.472	
11/2/2017 8:45	38700	65.244	17.193	146.968	35115.328	41269.359	26.595	28.063	28.478	
11/2/2017 9:00	39600	65.248	17.193	146.978	35113.477	41266.773	26.594	28.061	28.479	
11/2/2017 9:15	40500	65.254	17.193	146.992	35124.617	41279.949	26.603	28.07	28.47	
11/2/2017 9:30	41400	65.259	17.193	147.003	35150.266	41310.176	26.625	28.091	28.449	
11/2/2017 9:45	42300	65.258	17.193	147.001	35121.672	41276.574	26.601	28.068	28.472	
11/2/2017 10:00	43200	65.264	17.193	147.013	35113.031	41266.488	26.593	28.061	28.479	
11/2/2017 10:15	44100	65.264	17.193	147.015	35149.719	41309.449	26.624	28.09	28.45	
11/2/2017 10:30	45000	65.27	17.193	147.027	35118.668	41272.711	26.598	28.065	28.475	

11/2/2017 10:45	45900	65.268	17.193	147.023	35110.867	41263.629	26.591	28.059	28.481	1.019
11/2/2017 11:00	46800	65.27	17.193	147.028	35141.242	41299.816	26.617	28.084	28.457	1.019
11/2/2017 11:15	47700	65.267	17.193	147.02	35114.492	41268.301	26.595	28.062	28.478	1.019
11/2/2017 11:30	48600	65.266	17.193	147.018	35128.641	41284.762	26.606	28.074	28.467	1.019
11/2/2017 11:45	49500	65.262	17.192	147.009	35111.266	41264.832	26.592	28.06	28.481	1.019
11/2/2017 12:00	50400	65.274	17.193	147.036	35126.828	41282.633	26.605	28.072	28.468	1.019
11/2/2017 12:15	51300	65.259	17.193	147.003	35124.25	41279.676	26.603	28.07	28.47	1.019
11/2/2017 12:30	52200	65.257	17.193	146.997	35131.668	41288.648	26.609	28.076	28.464	1.019
11/2/2017 12:45	53100	65.247	17.193	146.976	35103.781	41255.711	26.586	28.054	28.487	1.019
11/2/2017 13:00	54000	65.249	17.193	146.981	35107.078	41259.746	26.588	28.057	28.484	1.019
11/2/2017 13:15	54900	65.238	17.193	146.954	35121.801	41276.641	26.601	28.068	28.472	1.019
11/2/2017 13:30	55800	65.235	17.193	146.949	35117.242	41271.438	26.597	28.065	28.476	1.019
11/2/2017 13:45	56700	65.235	17.193	146.948	35127.727	41283.852	26.606	28.073	28.468	1.019
11/2/2017 14:00	57600	65.225	17.193	146.926	35123.273	41278.699	26.602	28.07	28.471	1.019
11/2/2017 14:15	58500	65.216	17.193	146.905	35134.48	41291.457	26.611	28.078	28.462	1.019
11/2/2017 14:30	59400	65.212	17.193	146.897	35122.566	41277.223	26.601	28.069	28.472	1.019
11/2/2017 14:45	60300	65.207	17.193	146.886	35099.426	41250.594	26.582	28.05	28.49	1.019
11/2/2017 15:00	61200	65.201	17.193	146.872	35117.645	41272.004	26.597	28.065	28.476	1.019
11/2/2017 15:15	62100	65.196	17.193	146.86	35109.52	41262.617	26.591	28.059	28.482	1.019
11/2/2017 15:30	63000	65.187	17.193	146.841	35086.578	41235.57	26.571	28.04	28.501	1.019
11/2/2017 15:45	63900	65.187	17.193	146.841	35118.09	41272.527	26.598	28.065	28.475	1.019
11/2/2017 16:00	64800	65.18	17.193	146.824	35154.328	41314.953	26.628	28.094	28.446	1.019
11/2/2017 16:15	65700	65.179	17.193	146.822	35100.586	41252.203	26.583	28.052	28.49	1.019
11/2/2017 16:30	66600	65.176	17.193	146.815	35106.664	41259.176	26.588	28.056	28.485	1.019
11/2/2017 16:45	67500	65.173	17.193	146.809	35147.008	41306.348	26.622	28.088	28.452	1.019
11/2/2017 17:00	68400	65.168	17.193	146.798	35123.898	41278.859	26.602	28.07	28.471	1.019
11/2/2017 17:15	69300	65.167	17.193	146.794	35110.926	41263.859	26.591	28.059	28.481	1.019
11/2/2017 17:30	70200	65.17	17.193	146.802	35122.609	41277.59	26.601	28.069	28.472	1.019
11/2/2017 17:45	71100	65.167	17.193	146.794	35108.039	41260.621	26.589	28.057	28.484	1.019
11/2/2017 18:00	72000	65.166	17.193	146.794	35153.301	41313.746	26.627	28.093	28.447	1.019
11/2/2017 18:15	72900	65.168	17.193	146.798	35125.422	41281.145	26.604	28.071	28.469	1.019
11/2/2017 18:30	73800	65.171	17.193	146.803	35107.266	41259.715	26.588	28.057	28.484	1.019
11/2/2017 18:45	74700	65.172	17.194	146.806	35115.25	41267.723	26.594	28.062	28.478	1.019
11/2/2017 19:00	75600	65.175	17.193	146.812	35130.406	41286.754	26.608	28.075	28.465	1.019
11/2/2017 19:15	76500	65.177	17.193	146.817	35106.594	41258.523	26.588	28.056	28.485	1.019
11/2/2017 19:30	77400	65.181	17.193	146.827	35108.641	41261.012	26.589	28.057	28.483	1.019
11/2/2017 19:45	78300	65.189	17.193	146.845	35102.121	41253.762	26.584	28.053	28.488	1.019
11/2/2017 20:00	79200	65.187	17.193	146.84	35103.742	41255.664	26.586	28.054	28.487	1.019
11/2/2017 20:15	80100	65.191	17.193	146.849	35150.02	41309.719	26.624	28.091	28.449	1.019
11/2/2017 20:30	81000	65.195	17.193	146.859	35119.535	41273.977	26.599	28.066	28.474	1.019
11/2/2017 20:45	81900	65.202	17.193	146.874	35100.004	41250.777	26.582	28.051	28.49	1.019
11/2/2017 21:00	82800	65.206	17.193	146.882	35099.891	41250.973	26.582	28.051	28.49	1.019
11/2/2017 21:15	83700	65.207	17.193	146.885	35110.906	41264.086	26.592	28.06	28.481	1.019
11/2/2017 21:30	84600	65.214	17.193	146.9	35111.738	41264.813	26.592	28.06	28.481	1.019
11/2/2017 21:45	85500	65.218	17.193	146.911	35094.262	41244.523	26.578	28.046	28.495	1.019
11/2/2017 22:00	86400	65.221	17.193	146.917	35124.07	41279.391	26.603	28.07	28.471	1.019
11/2/2017 22:15	87300	65.221	17.193	146.918	35103.184	41254.844	26.585	28.053	28.487	1.019
11/2/2017 22:30	88200	65.226	17.193	146.928	35144.457	41303.422	26.62	28.086	28.454	1.019
11/2/2017 22:45	89100	65.228	17.194	146.933	35097.363	41247.27	26.58	28.048	28.492	1.019
11/2/2017 23:00	90000	65.229	17.193	146.934	35110.395	41263.234	26.591	28.059	28.482	1.019
11/2/2017 23:15	90900	65.231	17.193	146.94	35091.543	41241.078	26.575	28.044	28.497	1.019
11/2/2017 23:30	91800	65.234	17.193	146.946	35128.129	41283.992	26.606	28.073	28.467	1.019
11/2/2017 23:45	92700	65.233	17.194	146.944	35105.051	41256.543	26.586	28.054	28.486	1.019
11/3/2017 0:00	93600	65.228	17.193	146.933	35114.383	41267.762	26.594	28.062	28.478	1.019
11/3/2017 0:15	94500	65.229	17.193	146.935	35133.113	41290.09	26.61	28.077	28.463	1.019
11/3/2017 0:30	95400	65.229	17.193	146.935	35111.141	41264.359	26.592	28.06	28.481	1.019
11/3/2017 0:45	96300	65.224	17.193	146.923	35119.328	41273.488	26.598	28.066	28.474	1.019
11/3/2017 1:00	97200	65.225	17.193	146.926	35113.824	41267.422	26.594	28.062	28.479	1.019
11/3/2017 1:15	98100	65.218	17.193	146.911	35156.063	41316.586	26.629	28.095	28.445	1.019
11/3/2017 1:30	99000	65.217	17.193	146.907	35084.668	41232.684	26.569	28.038	28.502	1.019
11/3/2017 1:45	99900	65.213	17.194	146.899	35124.344	41279.219	26.602	28.07	28.47	1.019
11/3/2017 2:00	100800	65.215	17.193	146.903	35144.016	41302.504	26.619	28.086	28.454	1.019
11/3/2017 2:15	101700	65.209	17.193	146.889	35124.617	41279.633	26.603	28.07	28.47	1.019
11/3/2017 2:30	102600	65.206	17.193	146.884	35117.855	41271.84	26.597	28.065	28.476	1.019
11/3/2017 2:45	103500	65.202	17.193	146.874	35096.957	41247.598	26.58	28.048	28.492	1.019
11/3/2017 3:00	104400	65.193	17.194	146.854	35131.785	41287.887	26.609	28.076	28.464	1.019
11/3/2017 3:15	105300	65.195	17.194	146.858	35119.816	41273.656	26.598	28.066	28.474	1.019
11/3/2017 3:30	106200	65.192	17.194	146.851	35120.555	41274.766	26.599	28.067	28.473	1.019
11/3/2017 3:45	107100	65.189	17.193	146.845	35133.316	41289.855	26.61	28.077	28.463	1.019
11/3/2017 4:00	108000	65.181	17.193	146.828	35084.262	41232.359	26.569	28.038	28.503	1.019
11/3/2017 4:15	108900	65.197	17.193	146.863	35133.59	41290.652	26.611	28.078	28.463	1.019
11/3/2017 4:30	109800	65.185	17.193	146.835	35116.035	41269.703	26.596	28.063	28.477	1.019
11/3/2017 4:45	110700	65.193	17.193	146.853	35110.332	41263.16	26.591	28.059	28.482	1.019
11/3/2017 5:00	111600	65.181	17.193	146.828	35124.355	41279.727	26.603	28.07	28.47	1.019
11/3/2017 5:15	112500	65.195	17.194	146.858	35137.582	41294.699	26.614	28.08	28.46	1.019
11/3/2017 5:30	113400	65.183	17.193	146.83	35147.07	41306.094	26.622	28.088	28.452	1.019
11/3/2017 5:45	114300	65.18	17.193	146.825	35094.402	41244.441	26.578	28.046	28.495	1.019
11/3/2017 6:00	115200	65.187	17.193	146.841	35130.199	41286.191	26.607	28.075	28.466	1.019
11/3/2017 6:15	116100	65.187	17.193	146.84	35104.98	41256.625	26.586	28.055	28.486	1.019
11/3/2017 6:30	117000	65.192	17.194	146.851	35107.883	41259.711	26.589	28.057	28.484	1.019
11/3/2017 6:45	117900	65.194	17.194	146.857	35125.059	41279.738	26.603	28.07	28.47	1.019
11/3/2017 7:00	118800	65.201	17.193	146.872	35148.254	41307.484	26.623	28.089	28.451	1.019
11/3/2017 7:15	119700	65.199	17.193	146.866	35119.031	41273.066	26.598	28.066	28.475	1.019
11/3/2017 7:30	120600	65.207	17.193	146.886	35113.414	41266.539	26.593	28.061	28.479	1.019
11/3/2017 7:45	121500	65.213	17.194	146.899	35129.457	41284.988	26.607	28.074	28.466	1.019
11/3/2017 8:00	122400	65.217	17.193	146.909	35101.316	41252.32	26.583	28.052	28.489	1.019
11/3/2017 8:15	123300	65.22	17.193	146.915	35120.777	41275.191	26.6	28.067	28.473	1.019
11/3/2017 8:30	124200	65.223	17.193	146.922	35108.656	41260.875	26.589	28.057	28.483	1.019
11/3/2017 8:45	125100	65.236	17.193	146.951	35122.336	41276.949	26.601	28.068	28.472	1.019
11/3/2017 9:00	126000	65.233	17.194	1						

11/4/2017 7:15	206100	65.173	17.194	146.808	35096.559	41246.484	26.579	28.048	28.493	1.019
11/4/2017 7:30	207000	65.179	17.194	146.823	35098.117	41247.996	26.58	28.049	28.492	1.019
11/4/2017 7:45	207900	65.183	17.194	146.83	35113.578	41266.488	26.593	28.061	28.479	1.019
11/4/2017 8:00	208800	65.185	17.194	146.837	35109.324	41261.164	26.59	28.058	28.482	1.019
11/4/2017 8:15	209700	65.196	17.194	146.86	35134.969	41291.387	26.611	28.078	28.462	1.019
11/4/2017 8:30	210600	65.201	17.193	146.872	35119.668	41273.887	26.599	28.066	28.474	1.019
11/4/2017 8:45	211500	65.203	17.194	146.876	35089.699	41238.34	26.573	28.042	28.498	1.019
11/4/2017 9:00	212400	65.206	17.194	146.884	35128.84	41284.102	26.606	28.073	28.467	1.019
11/4/2017 9:15	213300	65.21	17.194	146.891	35113.289	41265.91	26.593	28.061	28.479	1.019
11/4/2017 9:30	214200	65.22	17.194	146.915	35108.965	41260.984	26.589	28.057	28.483	1.019
11/4/2017 9:45	215100	65.228	17.194	146.932	35113.184	41265.297	26.593	28.06	28.479	1.019
11/4/2017 10:00	216000	65.225	17.194	146.925	35123.879	41278.355	26.602	28.069	28.471	1.019
11/4/2017 10:15	216900	65.228	17.194	146.933	35130.035	41285.828	26.607	28.074	28.466	1.019
11/4/2017 10:30	217800	65.236	17.194	146.95	35131.887	41287.68	26.609	28.076	28.464	1.019
11/4/2017 10:45	218700	65.237	17.194	146.953	35139.785	41296.965	26.615	28.082	28.458	1.019
11/4/2017 11:00	219600	65.244	17.194	146.968	35109.289	41261.125	26.59	28.058	28.482	1.019
11/4/2017 11:15	220500	65.245	17.194	146.972	35109.922	41261.867	26.59	28.058	28.482	1.019
11/4/2017 11:30	221400	65.246	17.194	146.973	35138.906	41296.094	26.615	28.081	28.458	1.019
11/4/2017 11:45	222300	65.245	17.194	146.97	35095.863	41245.508	26.578	28.047	28.493	1.019
11/4/2017 12:00	223200	65.245	17.194	146.97	35142.863	41300.492	26.618	28.084	28.455	1.019
11/4/2017 12:15	224100	65.249	17.194	146.981	35112.301	41264.664	26.592	28.06	28.48	1.019
11/4/2017 12:30	225000	65.24	17.194	146.96	35135.426	41292.004	26.612	28.079	28.461	1.019
11/4/2017 12:45	225900	65.24	17.194	146.96	35107.547	41258.988	26.588	28.056	28.484	1.019
11/4/2017 13:00	226800	65.242	17.194	146.963	35129.461	41285.152	26.607	28.074	28.466	1.019
11/4/2017 13:15	227700	65.231	17.194	146.939	35095.457	41245.109	26.578	28.047	28.494	1.019
11/4/2017 13:30	228600	65.229	17.194	146.935	35102.969	41253.457	26.584	28.052	28.488	1.019
11/4/2017 13:45	229500	65.226	17.194	146.929	35082.746	41229.93	26.567	28.036	28.504	1.019
11/4/2017 14:00	230400	65.22	17.194	146.915	35130.734	41286.652	26.608	28.075	28.465	1.019
11/4/2017 14:15	231300	65.21	17.194	146.893	35131.098	41286.836	26.608	28.075	28.465	1.019
11/4/2017 14:30	232200	65.207	17.194	146.885	35132.977	41288.801	26.609	28.076	28.463	1.019
11/4/2017 14:45	233100	65.197	17.194	146.862	35127.734	41283.125	26.605	28.073	28.468	1.019
11/4/2017 15:00	234000	65.192	17.194	146.852	35144.457	41302.129	26.619	28.085	28.454	1.019
11/4/2017 15:15	234900	65.185	17.194	146.835	35118.367	41272.117	26.597	28.065	28.475	1.019
11/4/2017 15:30	235800	65.175	17.194	146.814	35117.863	41271.363	26.597	28.065	28.476	1.019
11/4/2017 15:45	236700	65.172	17.193	146.806	35108.016	41260.195	26.589	28.057	28.484	1.019
11/4/2017 16:00	237600	65.164	17.194	146.788	35118.758	41272.09	26.597	28.065	28.475	1.019
11/4/2017 16:15	238500	65.154	17.194	146.767	35108.656	41260.219	26.589	28.057	28.483	1.019
11/4/2017 16:30	239400	65.151	17.194	146.759	35122.672	41276.527	26.601	28.068	28.472	1.019
11/4/2017 16:45	240300	65.14	17.194	146.735	35124.082	41278.27	26.602	28.069	28.47	1.019
11/4/2017 17:00	241200	65.135	17.194	146.723	35125.859	41280.512	26.603	28.071	28.469	1.019
11/4/2017 17:15	242100	65.133	17.194	146.719	35131.254	41286.773	26.608	28.075	28.465	1.019
11/4/2017 17:30	243000	65.125	17.194	146.699	35123.621	41277.727	26.601	28.069	28.471	1.019
11/4/2017 17:45	243900	65.125	17.194	146.701	35118.52	41271.73	26.597	28.065	28.475	1.019
11/4/2017 18:00	244800	65.122	17.194	146.693	35112.418	41264.715	26.592	28.06	28.48	1.019
11/4/2017 18:15	245700	65.116	17.194	146.681	35125.059	41279.738	26.603	28.07	28.47	1.019
11/4/2017 18:30	246600	65.118	17.194	146.685	35107.223	41258.535	26.588	28.056	28.484	1.019
11/4/2017 18:45	247500	65.112	17.194	146.672	35121.117	41275.109	26.6	28.067	28.473	1.019
11/4/2017 19:00	248400	65.113	17.194	146.673	35114.145	41266.59	26.593	28.061	28.479	1.019
11/4/2017 19:15	249300	65.112	17.194	146.671	35115.559	41268.492	26.595	28.063	28.477	1.019
11/4/2017 19:30	250200	65.112	17.194	146.671	35138.625	41295.277	26.614	28.081	28.459	1.019
11/4/2017 19:45	251100	65.114	17.194	146.675	35092.973	41241.707	26.576	28.044	28.496	1.019
11/4/2017 20:00	252000	65.116	17.194	146.668	35128.719	41283.957	26.606	28.073	28.467	1.019
11/4/2017 20:15	252900	65.117	17.194	146.683	35096.859	41246.84	26.579	28.048	28.493	1.019
11/4/2017 20:30	253800	65.122	17.194	146.693	35127.543	41282.172	26.605	28.072	28.468	1.019
11/4/2017 20:45	254700	65.124	17.194	146.697	35111.043	41262.781	26.591	28.059	28.481	1.019
11/4/2017 21:00	255600	65.126	17.194	146.702	35133.941	41289.934	26.61	28.077	28.463	1.019
11/4/2017 21:15	256500	65.148	17.194	146.752	35123.395	41277.699	26.601	28.069	28.471	1.019
11/4/2017 21:30	257400	65.131	17.194	146.714	35137.859	41294.941	26.614	28.081	28.459	1.019
11/4/2017 21:45	258300	65.143	17.194	146.741	35104.973	41255.727	26.586	28.054	28.486	1.019
11/4/2017 22:00	259200	65.146	17.194	146.748	35118.766	41272.422	26.598	28.065	28.475	1.019
11/4/2017 22:15	260100	65.151	17.194	146.758	35108.418	41259.859	26.589	28.057	28.483	1.019
11/4/2017 22:30	261000	65.153	17.194	146.763	35134.816	41291.527	26.611	28.078	28.462	1.019
11/4/2017 22:45	261900	65.159	17.194	146.777	35150.199	41309.527	26.624	28.09	28.449	1.019
11/4/2017 23:00	262800	65.161	17.194	146.782	35112.797	41265.246	26.592	28.06	28.48	1.019
11/4/2017 23:15	263700	65.17	17.194	146.801	35103.145	41253.578	26.584	28.052	28.487	1.019
11/4/2017 23:30	264600	65.173	17.194	146.81	35129.953	41285.168	26.607	28.074	28.466	1.019
11/4/2017 23:45	265500	65.175	17.194	146.814	35113.684	41266.289	26.593	28.061	28.479	1.019
11/5/2017 0:00	266400	65.178	17.194	146.82	35122.688	41276.547	26.601	28.068	28.472	1.019
11/5/2017 0:15	267300	65.181	17.194	146.826	35095.594	41245.113	26.578	28.047	28.494	1.019
11/5/2017 0:30	268200	65.18	17.194	146.824	35132.777	41288.402	26.609	28.076	28.463	1.019
11/5/2017 0:45	269100	65.181	17.194	146.828	35124.305	41278.934	26.602	28.07	28.47	1.019
11/5/2017 1:00	270000	65.186	17.194	146.839	35088.098	41236.219	26.572	28.041	28.5	1.019
11/5/2017 1:15	270900	65.186	17.194	146.838	35103.996	41254.664	26.585	28.053	28.487	1.019
11/5/2017 1:30	271800	65.185	17.194	146.835	35123.906	41277.977	26.602	28.069	28.471	1.019
11/5/2017 1:45	272700	65.187	17.194	146.841	35101.277	41251.469	26.583	28.051	28.489	1.019
11/5/2017 2:00	273600	65.181	17.194	146.826	35110.152	41261.66	26.59	28.058	28.482	1.019
11/5/2017 2:15	274500	65.183	17.194	146.832	35111.781	41263.891	26.592	28.059	28.48	1.019
11/5/2017 2:30	275400	65.179	17.194	146.822	35124.777	41278.922	26.602	28.07	28.47	1.019
11/5/2017 2:45	276300	65.18	17.194	146.825	35104.922	41255.828	26.586	28.054	28.486	1.019
11/5/2017 2:00	277200	65.175	17.194	146.812	35119.844	41273.441	26.598	28.066	28.474	1.019
11/5/2017 2:15	278100	65.174	17.194	146.811	35094.473	41243.387	26.577	28.046	28.495	1.019
11/5/2017 2:30	279000	65.168	17.194	146.798	35117.348	41270.113	26.596	28.064	28.476	1.019
11/5/2017 2:45	279900	65.17	17.194	146.801	35119.449	41273.148	26.598	28.066	28.474	1.019
11/5/2017 3:00	280800	65.162	17.194	146.785	35113.066	41265.648	26.593	28.061	28.479	1.019
11/5/2017 3:15	281700	65.162	17.194	146.784	35123.723	41278	26.602	28.069	28.471	1.019
11/5/2017 3:30	282600	65.164	17.194	146.788	35098.563	41248.43	26.58	28.049	28.491	1.019
11/5/2017 3:45	283500	65.157	17.194	146.772	35128.422	41283.691	26.606	28.073	28.467	1.019
11/5/2017 4:00	284400	65.156	17.194	146.77	35110.777	41262.711	26.591	28.059	28.481	1.019
11/5/2017 4:15	285300	65.153	17.194	146.763	35121.863	41275.578	26.6	28.067	28.472	1.019

11/6/2017 2:45	366300	65.154	17.195	146.766	35109.891	41260.855	26.589	28.057	28.482	1.019
11/6/2017 3:00	367200	65.151	17.194	146.759	35097.609	41247.074	26.58	28.048	28.492	1.019
11/6/2017 3:15	368100	65.15	17.194	146.756	35097.574	41246.875	26.579	28.048	28.492	1.019
11/6/2017 3:30	369000	65.147	17.194	146.751	35101.082	41251.316	26.583	28.051	28.489	1.019
11/6/2017 3:45	369900	65.144	17.195	146.743	35098.809	41248.242	26.58	28.049	28.491	1.019
11/6/2017 4:00	370800	65.14	17.194	146.734	35114.773	41267.57	26.594	28.062	28.478	1.019
11/6/2017 4:15	371700	65.138	17.194	146.729	35106.387	41257.234	26.587	28.055	28.485	1.019
11/6/2017 4:30	372600	65.139	17.194	146.732	35125.801	41280.203	26.603	28.071	28.469	1.019
11/6/2017 4:45	373500	65.134	17.194	146.72	35100.273	41250.203	26.582	28.05	28.49	1.019
11/6/2017 5:00	374400	65.135	17.194	146.724	35111.512	41263.258	26.591	28.059	28.481	1.019
11/6/2017 5:15	375300	65.139	17.194	146.731	35119.277	41272.383	26.598	28.065	28.474	1.019
11/6/2017 5:30	376200	65.132	17.194	146.716	35101.852	41252.059	26.583	28.051	28.489	1.019
11/6/2017 5:45	377100	65.139	17.194	146.732	35090.238	41238.254	26.573	28.042	28.498	1.019
11/6/2017 6:00	378000	65.131	17.195	146.714	35120.84	41273.559	26.598	28.066	28.473	1.019
11/6/2017 6:15	378900	65.128	17.194	146.708	35099.219	41248.809	26.581	28.049	28.491	1.019
11/6/2017 6:30	379800	65.146	17.194	146.748	35111.57	41263.324	26.591	28.059	28.481	1.019
11/6/2017 6:45	380700	65.137	17.195	146.727	35137.203	41293.277	26.613	28.079	28.46	1.019
11/6/2017 7:00	381600	65.134	17.194	146.72	35105.926	41256.766	26.586	28.055	28.485	1.019
11/6/2017 7:15	382500	65.14	17.195	146.735	35099.848	41249.223	26.581	28.049	28.49	1.019
11/6/2017 7:30	383400	65.141	17.194	146.737	35123.281	41277.164	26.601	28.068	28.471	1.019
11/6/2017 7:45	384300	65.142	17.195	146.739	35121.977	41275.469	26.6	28.067	28.472	1.019
11/6/2017 8:00	385200	65.151	17.195	146.759	35109.777	41261.133	26.59	28.058	28.482	1.019
11/6/2017 8:15	386100	65.149	17.195	146.755	35116.313	41268.727	26.595	28.063	28.477	1.019
11/6/2017 8:30	387000	65.156	17.194	146.77	35108.02	41259.309	26.588	28.056	28.484	1.019
11/6/2017 8:45	387900	65.163	17.195	146.787	35105.148	41255.605	26.586	28.054	28.486	1.019
11/6/2017 9:00	388800	65.168	17.194	146.797	35127.383	41282.148	26.605	28.072	28.468	1.019
11/6/2017 9:15	389700	65.172	17.195	146.807	35133.563	41288.59	26.609	28.076	28.463	1.019
11/6/2017 9:30	390600	65.177	17.194	146.818	35130.734	41285.848	26.607	28.074	28.465	1.019
11/6/2017 9:45	391500	65.179	17.195	146.823	35124.617	41278.41	26.602	28.069	28.47	1.019
11/6/2017 10:00	392400	65.19	17.195	146.848	35109.066	41260.211	26.589	28.057	28.483	1.019
11/6/2017 10:15	393300	65.194	17.195	146.857	35120.371	41273.418	26.598	28.066	28.474	1.019
11/6/2017 10:30	394200	65.197	17.194	146.862	35120.863	41274.641	26.599	28.067	28.473	1.019
11/6/2017 10:45	395100	65.198	17.194	146.864	35099.113	41248.926	26.581	28.049	28.491	1.019
11/6/2017 11:00	396000	65.203	17.195	146.877	35108.676	41259.676	26.589	28.057	28.483	1.019
11/6/2017 11:15	396900	65.207	17.195	146.885	35117.77	41270.363	26.596	28.064	28.476	1.019
11/6/2017 11:30	397800	65.207	17.194	146.885	35134.898	41290.895	26.611	28.078	28.462	1.019
11/6/2017 11:45	398700	65.206	17.195	146.884	35124.938	41278.863	26.602	28.07	28.47	1.019
11/6/2017 12:00	399600	65.212	17.194	146.896	35100.809	41250.754	26.582	28.051	28.489	1.019
11/6/2017 12:15	400500	65.21	17.195	146.893	35105.898	41256.574	26.586	28.054	28.485	1.019
11/6/2017 12:30	401400	65.212	17.194	146.897	35127.602	41282.73	26.605	28.072	28.468	1.019
11/6/2017 12:45	402300	65.206	17.194	146.884	35117.797	41270.641	26.596	28.064	28.476	1.019
11/6/2017 13:00	403200	65.207	17.194	146.886	35117.172	41269.984	26.596	28.064	28.476	1.019
11/6/2017 13:15	404100	65.203	17.195	146.876	35132.496	41287.59	26.608	28.076	28.464	1.019
11/6/2017 13:30	405000	65.198	17.194	146.864	35127.219	41281.789	26.604	28.072	28.468	1.019
11/6/2017 13:45	405900	65.199	17.195	146.866	35120.953	41274.023	26.599	28.066	28.473	1.019
11/6/2017 14:00	406800	65.19	17.195	146.847	35097.559	41246.77	26.579	28.048	28.492	1.019
11/6/2017 14:15	407700	65.182	17.195	146.828	35116.898	41269.5	26.596	28.063	28.476	1.019
11/6/2017 14:30	408600	65.18	17.195	146.824	35148.078	41305.902	26.622	28.088	28.451	1.019
11/6/2017 14:45	409500	65.174	17.194	146.811	35143.996	41301.824	26.619	28.085	28.454	1.019
11/6/2017 15:00	410400	65.169	17.194	146.8	35117.73	41270.719	26.596	28.064	28.476	1.019
11/6/2017 15:15	411300	65.158	17.195	146.775	35157.836	41317.449	26.63	28.096	28.443	1.019
11/6/2017 15:30	412200	65.15	17.195	146.757	35100.582	41249.996	26.582	28.05	28.49	1.019
11/6/2017 15:45	413100	65.148	17.194	146.752	35118.277	41271.281	26.597	28.064	28.475	1.019
11/6/2017 16:00	414000	65.143	17.194	146.741	35113.285	41265.496	26.593	28.061	28.479	1.019
11/6/2017 16:15	414900	65.131	17.195	146.713	35120.309	41273.012	26.598	28.066	28.474	1.019
11/6/2017 16:30	415800	65.124	17.195	146.698	35140.488	41296.895	26.615	28.082	28.457	1.019
11/6/2017 16:45	416700	65.116	17.194	146.681	35102.453	41252.766	26.584	28.052	28.488	1.019
11/6/2017 17:00	417600	65.106	17.194	146.657	35113.273	41265.645	26.593	28.061	28.479	1.019
11/6/2017 17:15	418500	65.108	17.194	146.661	35115.359	41267.934	26.594	28.062	28.478	1.019
11/6/2017 17:30	419400	65.094	17.194	146.631	35121.543	41275.285	26.6	28.067	28.473	1.019
11/6/2017 17:45	420300	65.089	17.195	146.62	35122.109	41275.383	26.6	28.067	28.472	1.019
11/6/2017 18:00	421200	65.082	17.194	146.604	35118.773	41272.109	26.597	28.065	28.475	1.019
11/6/2017 18:15	422100	65.078	17.195	146.594	35116.473	41269	26.595	28.063	28.477	1.019
11/6/2017 18:30	423000	65.072	17.195	146.58	35124.367	41278.191	26.602	28.069	28.47	1.019
11/6/2017 18:45	423900	65.072	17.195	146.58	35127.328	41281.594	26.604	28.071	28.468	1.019
11/6/2017 19:00	424800	65.064	17.195	146.563	35120.164	41273.254	26.598	28.066	28.474	1.019
11/6/2017 19:15	425700	65.06	17.195	146.555	35091.066	41239.141	26.574	28.043	28.497	1.019
11/6/2017 19:30	426600	65.062	17.195	146.559	35112.102	41263.863	26.592	28.059	28.48	1.019
11/6/2017 19:45	427500	65.058	17.194	146.55	35134.125	41289.906	26.61	28.077	28.462	1.019
11/6/2017 20:00	428400	65.056	17.195	146.544	35112.234	41263.934	26.592	28.059	28.48	1.019
11/6/2017 20:15	429300	65.057	17.195	146.548	35091.414	41238.977	26.574	28.043	28.497	1.019
11/6/2017 20:30	430200	65.058	17.195	146.55	35132.27	41287.48	26.608	28.075	28.464	1.019
11/6/2017 20:45	431100	65.058	17.194	146.55	35118.066	41271.113	26.597	28.064	28.475	1.019
11/6/2017 21:00	432000	65.059	17.195	146.553	35105.012	41255.199	26.585	28.054	28.486	1.019
11/6/2017 21:15	432900	65.061	17.195	146.556	35098.293	41247.473	26.58	28.048	28.491	1.019
11/6/2017 21:30	433800	65.062	17.195	146.559	35101.492	41251.395	26.583	28.051	28.489	1.019
11/6/2017 21:45	434700	65.071	17.195	146.579	35119.719	41272.484	26.598	28.065	28.474	1.019
11/6/2017 22:00	435600	65.069	17.195	146.574	35118.211	41270.801	26.596	28.064	28.475	1.019
11/6/2017 22:15	436500	65.075	17.195	146.588	35096.75	41245.492	26.578	28.047	28.493	1.019
11/6/2017 22:30	437400	65.082	17.195	146.603	35129.141	41283.477	26.606	28.073	28.466	1.019
11/6/2017 22:45	438300	65.085	17.195	146.61	35101.125	41250.879	26.582	28.051	28.489	1.019
11/6/2017 23:00	439200	65.087	17.195	146.616	35109.313	41260.254	26.589	28.057	28.482	1.019
11/6/2017 23:15	440100	65.092	17.194	146.626	35094.461	41243.219	26.577	28.045	28.495	1.019
11/6/2017 23:30	441000	65.097	17.195	146.636	35096.977	41245.594	26.579	28.047	28.492	1.019
11/6/2017 23:45	441900	65.101	17.195	146.646	35089.969	41237.77	26.573	28.042	28.498	1.019
11/7/2017 0:00	442800	65.106	17.195	146.658	35116.344	41268.688	26.595	28.063	28.477	1.019
11/7/2017 0:15	443700	65.113	17.194	146.673	35102.313	41252.52	26.583	28.052	28.488	1.019
11/7/2017 0:30	444600	65.114	17.194	146.676	35104.84	41255.488	26.586	28.054	28.486	1.019
11/7/2017 0:45	445500	65.118	17.195	146.684	35116.762	41269.34	26.595	28.063	28.476	1.019

11/7/2017 23:15	526500	65.054	17.195	146.54	35106.785	41257.285	26.587	28.055	28.485	1.019
11/7/2017 23:30	527400	65.063	17.195	146.561	35097.324	41245.926	26.579	28.047	28.492	1.019
11/7/2017 23:45	528300	65.065	17.195	146.564	35109.902	41261.039	26.59	28.058	28.482	1.019
11/8/2017 0:00	529200	65.073	17.195	146.584	35122.348	41275.574	26.6	28.067	28.472	1.019
11/8/2017 0:15	530100	65.078	17.195	146.595	35117.957	41270.504	26.596	28.064	28.475	1.019
11/8/2017 0:30	531000	65.084	17.195	146.609	35129.223	41283.328	26.605	28.073	28.466	1.019
11/8/2017 0:45	531900	65.088	17.195	146.616	35109.676	41260.133	26.589	28.057	28.483	1.019
11/8/2017 1:00	532800	65.09	17.195	146.621	35134.645	41289.781	26.61	28.077	28.462	1.019
11/8/2017 1:15	533700	65.109	17.195	146.665	35109.676	41260.93	26.589	28.057	28.482	1.019
11/8/2017 1:30	534600	65.103	17.195	146.65	35114.016	41265.617	26.593	28.061	28.479	1.019
11/8/2017 1:45	535500	65.104	17.195	146.652	35123.105	41276.383	26.6	28.068	28.471	1.019
11/8/2017 2:00	536400	65.108	17.194	146.663	35107.012	41258.043	26.587	28.055	28.484	1.019
11/8/2017 2:15	537300	65.113	17.195	146.673	35116.969	41269.344	26.595	28.063	28.476	1.019
11/8/2017 2:30	538200	65.117	17.195	146.682	35121.902	41275.379	26.6	28.067	28.472	1.019
11/8/2017 2:45	539100	65.116	17.196	146.679	35131.012	41285.102	26.607	28.074	28.465	1.019
11/8/2017 3:00	540000	65.121	17.195	146.692	35113.211	41264.926	26.592	28.06	28.479	1.019
11/8/2017 3:15	540900	65.124	17.195	146.697	35097.344	41246.277	26.579	28.047	28.492	1.019
11/8/2017 3:30	541800	65.127	17.195	146.704	35100.602	41250.02	26.582	28.05	28.49	1.019
11/8/2017 3:45	542700	65.122	17.195	146.693	35136.43	41291.797	26.612	28.078	28.46	1.019
11/8/2017 4:00	543600	65.125	17.195	146.7	35121.215	41274.242	26.599	28.066	28.473	1.019
11/8/2017 4:15	544500	65.124	17.195	146.698	35117.352	41269.539	26.596	28.063	28.476	1.019
11/8/2017 4:30	545400	65.128	17.195	146.707	35127.918	41281.793	26.604	28.072	28.467	1.019
11/8/2017 4:45	546300	65.125	17.195	146.701	35138.184	41293.941	26.613	28.08	28.459	1.019
11/8/2017 5:00	547200	65.125	17.195	146.701	35137.234	41293.316	26.613	28.079	28.46	1.019
11/8/2017 5:15	548100	65.122	17.195	146.694	35125.66	41279.301	26.603	28.07	28.469	1.019
11/8/2017 5:30	549000	65.12	17.195	146.69	35144.777	41301.445	26.618	28.085	28.454	1.019
11/8/2017 5:45	549900	65.121	17.195	146.692	35123.84	41276.93	26.601	28.068	28.471	1.019
11/8/2017 6:00	550800	65.119	17.195	146.686	35137.453	41293.324	26.613	28.079	28.46	1.019
11/8/2017 6:15	551700	65.118	17.195	146.684	35133.758	41288.816	26.609	28.076	28.463	1.019
11/8/2017 6:30	552600	65.119	17.195	146.686	35115.922	41268.27	26.595	28.062	28.477	1.019
11/8/2017 6:45	553500	65.113	17.195	146.673	35108.07	41258.398	26.588	28.056	28.483	1.019
11/8/2017 7:00	554400	65.116	17.195	146.681	35117.5	41269.965	26.596	28.064	28.476	1.019
11/8/2017 7:15	555300	65.113	17.195	146.674	35133.73	41289.117	26.61	28.077	28.463	1.019
11/8/2017 7:30	556200	65.116	17.195	146.679	35158.102	41317.68	26.63	28.096	28.443	1.019
11/8/2017 7:45	557100	65.111	17.195	146.67	35122.23	41275.355	26.6	28.067	28.472	1.019
11/8/2017 8:00	558000	65.11	17.195	146.667	35112.465	41263.879	26.592	28.059	28.48	1.019
11/8/2017 8:15	558900	65.112	17.195	146.672	35123.453	41276.793	26.601	28.068	28.471	1.019
11/8/2017 8:30	559800	65.115	17.195	146.678	35123.328	41276.484	26.601	28.068	28.471	1.019
11/8/2017 8:45	560700	65.132	17.195	146.716	35127.035	41281.082	26.604	28.071	28.468	1.019
11/8/2017 9:00	561600	65.121	17.195	146.692	35126.051	41279.684	26.603	28.07	28.469	1.019
11/8/2017 9:15	562500	65.119	17.195	146.687	35121.301	41273.945	26.599	28.066	28.473	1.019
11/8/2017 9:30	563400	65.138	17.195	146.73	35117.895	41270.016	26.596	28.064	28.476	1.019
11/8/2017 9:45	564300	65.128	17.195	146.707	35140.773	41296.828	26.615	28.082	28.457	1.019
11/8/2017 10:00	565200	65.132	17.196	146.717	35149.68	41307.039	26.622	28.089	28.45	1.019
11/8/2017 10:15	566100	65.133	17.196	146.718	35109.152	41259.34	26.588	28.056	28.483	1.019
11/8/2017 10:30	567000	65.139	17.195	146.733	35140.031	41296.191	26.615	28.081	28.458	1.019
11/8/2017 10:45	567900	65.137	17.195	146.728	35117.988	41270.051	26.596	28.064	28.475	1.019
11/8/2017 11:00	568800	65.144	17.195	146.743	35119.867	41272.418	26.598	28.065	28.474	1.019
11/8/2017 11:15	569700	65.146	17.195	146.748	35107.844	41258.695	26.588	28.056	28.484	1.019
11/8/2017 11:30	570600	65.151	17.195	146.758	35123.629	41276.914	26.601	28.068	28.471	1.019
11/8/2017 11:45	571500	65.156	17.195	146.77	35109.441	41260.164	26.589	28.057	28.482	1.019
11/8/2017 12:00	572400	65.159	17.195	146.777	35115.086	41266.551	26.593	28.061	28.478	1.019
11/8/2017 12:15	573300	65.161	17.195	146.782	35152.359	41310.934	26.625	28.091	28.448	1.019
11/8/2017 12:30	574200	65.163	17.196	146.786	35104.742	41253.66	26.584	28.052	28.486	1.019
11/8/2017 12:45	575100	65.167	17.195	146.796	35107.305	41257.496	26.587	28.055	28.484	1.019
11/8/2017 13:00	576000	65.172	17.195	146.806	35127.184	41280.859	26.604	28.071	28.468	1.019
11/8/2017 13:15	576900	65.176	17.195	146.816	35137.563	41293.129	26.612	28.079	28.46	1.019
11/8/2017 13:30	577800	65.177	17.195	146.818	35137.465	41293.012	26.612	28.079	28.46	1.019
11/8/2017 13:45	578700	65.173	17.195	146.81	35138.375	41294.082	26.613	28.08	28.459	1.019
11/8/2017 14:00	579600	65.176	17.196	146.816	35123.32	41275.824	26.6	28.068	28.471	1.019
11/8/2017 14:15	580500	65.173	17.195	146.808	35124.074	41277.277	26.601	28.069	28.471	1.019
11/8/2017 14:30	581400	65.175	17.196	146.812	35118.309	41270.176	26.596	28.064	28.475	1.019
11/8/2017 14:45	582300	65.171	17.196	146.805	35138.211	41293.488	26.613	28.08	28.459	1.019
11/8/2017 15:00	583200	65.17	17.195	146.801	35115.871	41267.719	26.594	28.062	28.477	1.019
11/8/2017 15:15	584100	65.171	17.195	146.803	35093.434	41241.195	26.575	28.044	28.495	1.019
11/8/2017 15:30	585000	65.162	17.196	146.784	35109.316	41259.438	26.588	28.056	28.482	1.019
11/8/2017 15:45	585900	65.168	17.195	146.797	35117.434	41269.719	26.596	28.063	28.476	1.019
11/8/2017 16:00	586800	65.162	17.195	146.783	35133.613	41288.648	26.609	28.076	28.463	1.019
11/8/2017 16:15	587700	65.155	17.195	146.769	35118.035	41270.18	26.596	28.064	28.475	1.019
11/8/2017 16:30	588600	65.15	17.195	146.757	35087.867	41234.566	26.571	28.04	28.5	1.019
11/8/2017 16:45	589500	65.143	17.195	146.742	35123.66	41276.789	26.601	28.068	28.471	1.019
11/8/2017 17:00	590400	65.139	17.195	146.731	35139.277	41295.07	26.614	28.081	28.458	1.019
11/8/2017 17:15	591300	65.135	17.195	146.724	35143.086	41299.457	26.617	28.084	28.455	1.019
11/8/2017 17:30	592200	65.128	17.195	146.707	35125.605	41279.004	26.602	28.07	28.469	1.019
11/8/2017 17:45	593100	65.122	17.195	146.694	35137.313	41292.832	26.612	28.079	28.46	1.019
11/8/2017 18:00	594000	65.115	17.195	146.677	35126.535	41280.008	26.603	28.07	28.469	1.019
11/8/2017 18:15	594900	65.132	17.195	146.716	35128.387	41282.43	26.605	28.072	28.467	1.019
11/8/2017 18:30	595800	65.152	17.195	146.761	35122.68	41275.801	26.6	28.068	28.472	1.019
11/8/2017 18:45	596700	65.166	17.196	146.793	35135.109	41289.75	26.61	28.077	28.462	1.019
11/8/2017 19:00	597600	65.18	17.195	146.825	35119.945	41272.352	26.598	28.065	28.474	1.019
11/8/2017 19:15	598500	65.187	17.195	146.841	35092.238	41239.793	26.574	28.043	28.496	1.019
11/8/2017 19:30	599400	65.197	17.195	146.862	35094.203	41242.172	26.576	28.045	28.495	1.019
11/8/2017 19:45	600300	65.202	17.195	146.874	35118.352	41270.879	26.597	28.064	28.475	1.019
11/8/2017 20:00	601200	65.205	17.195	146.882	35090.238	41237.512	26.573	28.042	28.498	1.019
11/8/2017 20:15	602100	65.209	17.196	146.889	35086.344	41232.609	26.569	28.038	28.501	1.019
11/8/2017 20:30	603000	65.212	17.195	146.897	35079.059	41224.535	26.563	28.033	28.507	1.019
11/8/2017 20:45	603900	65.214	17.196	146.901	35135.824	41290.844	26.611	28.078	28.461	1.019
11/8/2017 21:00	604800	65.218	17.196	146.911	35075.402	41219.586	26.56	28.029	28.51	1.019
11/8/2017 21:15	605700	65.221	17.195	146.917	35112.133	41263.242	26.591	28.059	28.48	1.019
11/8/2017 21:										

Report Date: 11/10/2017 8:40
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 Pre Test_2017-11-09_07-50-23-671.wsl
Create Date 11/9/2017 7:50

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

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

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

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

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

TDS Factor: 0.68

Log Notes:
Date and Time Note
3/13/2015 18:58 Used Battery: 2% Used Memory: 6% User Name: nreynolds
3/20/2015 16:02 Log Download - Used Battery: 2% Used Memory: 6% User Name: GSSI
3/27/2015 10:43 Log Download - Used Battery: 2% Used Memory: 7% User Name: GSSI
4/3/2015 13:47 Log Download - Used Battery: 3% Used Memory: 7% User Name: ECrowWillard
4/10/2015 8:44 Log Download - Used Battery: 3% Used Memory: 9% User Name: ECrowWillard
4/17/2015 12:18 Log Download - Used Battery: 4% Used Memory: 9% User Name: AKieta
4/21/2015 14:05 Log Download - Used Battery: 4% Used Memory: 9% User Name: ECrowWillard
4/24/2015 11:08 Log Download - Used Battery: 4% Used Memory: 10% User Name: ECrowWillard
4/24/2015 11:12 Log Download - Used Battery: 4% Used Memory: 10% User Name: ECrowWillard
4/30/2015 14:05 Log Download - Used Battery: 4% Used Memory: 10% User Name: GSSI
5/7/2015 12:30 Log Download - Used Battery: 5% Used Memory: 12% User Name: ECrowWillard Interval - Start Time: 4/30/2015 2:00:00 PM
5/14/2015 16:06 Log Download - Used Battery: 5% Used Memory: 12% User Name: BDuarte
5/21/2015 11:34 Log Download - Used Battery: 5% Used Memory: 14% User Name: CShaw
5/28/2015 9:06 Log Download - Used Battery: 6% Used Memory: 14% User Name: ECrowWillard Interval - Start Time: 5/7/2015 12:30:00 PM
6/4/2015 12:21 Log Download - Used Battery: 6% Used Memory: 15% User Name: BDuarte
6/11/2015 11:48 Log Download - Used Battery: 6% Used Memory: 15% User Name: BDuarte Interval - Start Time: 6/4/2015 12:15:00 PM
6/17/2015 8:00 Log Download - Used Battery: 7% Used Memory: 17% User Name: CShaw Interval - Start Time: 5/21/2015 11:30:00 AM
6/18/2015 8:47 Log Download - Used Battery: 7% Used Memory: 17% User Name: CShaw
6/25/2015 8:49 Log Download - Used Battery: 7% Used Memory: 17% User Name: BDuarte Interval - Start Time: 6/11/2015 11:45:00 AM
6/30/2015 11:08 Log Download - Used Battery: 7% Used Memory: 18% User Name: BDuarte
7/2/2015 9:20 Log Download - Used Battery: 8% Used Memory: 18% User Name: CShaw
7/7/2015 11:29 Log Download - Used Battery: 8% Used Memory: 18% User Name: CShaw
7/7/2015 11:41 Log Download - Used Battery: 8% Used Memory: 18% User Name: CShaw
7/9/2015 9:14 Log Download - Used Battery: 8% Used Memory: 18% User Name: BDuarte Interval - Start Time: 6/30/2015 11:00:00 AM
7/13/2015 12:23 Log Download - Used Battery: 8% Used Memory: 20% User Name: BDuarte Interval - Start Time: 7/9/2015 9:00:00 AM
7/16/2015 9:03 Log Download - Used Battery: 8% Used Memory: 20% User Name: CShaw Interval - Start Time: 7/7/2015 11:30:00 AM
7/23/2015 16:42 Log Download - Used Battery: 9% Used Memory: 20% User Name: KMakar
7/30/2015 10:25 Log Download - Used Battery: 9% Used Memory: 21% User Name: BDuarte Interval - Start Time: 7/13/2015 12:15:00 PM
8/6/2015 15:00 Log Download - Used Battery: 10% Used Memory: 21% User Name: CShaw Interval - Start Time: 7/14/2015 2:15:00 PM Stop Time: 8/6/2015 1:30:00 PM
8/13/2015 13:34 Log Download - Used Battery: 10% Used Memory: 23% User Name: KMakar Interval - Start Time: 7/23/2015 4:30:00 PM
8/20/2015 11:01 Log Download - Used Battery: 10% Used Memory: 23% User Name: BDuarte Interval - Start Time: 7/30/2015 10:15:00 AM
8/27/2015 10:58 Log Download - Used Battery: 11% Used Memory: 25% User Name: KMakar Interval - Start Time: 8/13/2015 5:15:00 PM Stop Time: 8/27/2015 10:55:00 AM
9/3/2015 9:39 Log Download - Used Battery: 11% Used Memory: 25% User Name: CShaw Interval - Start Time: 8/1/2015 6:10:00 PM Stop Time: 9/3/2015 9:30:00 AM
9/10/2015 11:32 Log Download - Used Battery: 11% Used Memory: 26% User Name: KMakar Interval - Start Time: 8/10/2015 8:30:00 AM Stop Time: 9/10/2015 11:30:00 AM
9/17/2015 10:53 Log Download - Used Battery: 12% Used Memory: 28% User Name: KMakar Interval - Start Time: 9/1/2015 5:30:00 AM Stop Time: 9/17/2015 10:55:00 AM
9/24/2015 9:32 Log Download - Used Battery: 12% Used Memory: 28% User Name: CShaw Interval - Start Time: 9/1/2015 5:30:00 PM Stop Time: 9/24/2015 9:00:00 AM
10/1/2015 14:15 Log Download - Used Battery: 12% Used Memory: 29% User Name: KMakar Interval - Start Time: 9/15/2015 7:30:00 AM Stop Time: 10/1/2015 2:15:00 PM
10/8/2015 10:29 Log Download - Used Battery: 13% Used Memory: 29% User Name: CShaw Interval - Start Time: 9/14/2015 5:30:00 PM Stop Time: 10/8/2015 10:30:00 PM
10/15/2015 13:16 Log Download - Used Battery: 13% Used Memory: 31% User Name: KMakar Interval - Start Time: 9/30/2015 7:30:00 AM Stop Time: 10/15/2015 1:15:00 PM
10/22/2015 15:17 Log Download - Used Battery: 13% Used Memory: 31% User Name: CShaw Interval - Start Time: 10/1/2015 3:05:00 AM Stop Time: 10/22/2015 12:15:00 PM
10/29/2015 15:30 Log Download - Used Battery: 14% Used Memory: 32% User Name: KMakar Interval - Start Time: 10/13/2015 6:15:00 AM Stop Time: 10/29/2015 3:30:00 PM
11/5/2015 14:29 Log Download - Used Battery: 14% Used Memory: 32% User Name: KMakar Interval - Start Time: 10/20/2015 7:45:00 AM Stop Time: 11/5/2015 2:30:00 PM
11/12/2015 10:01 Log Download - Used Battery: 15% Used Memory: 34% User Name: CShaw Interval - Start Time: 10/26/2015 1:00:00 PM Stop Time: 11/12/2015 10:00:00 AM
11/12/2015 10:03 Log Download - Used Battery: 15% Used Memory: 34% User Name: CShaw Interval - Start Time: 10/26/2015 1:00:00 PM Stop Time: 11/12/2015 10:00:00 AM
11/12/2015 10:11 Log Download - Used Battery: 15% Used Memory: 34% User Name: CShaw Interval - Start Time: 10/26/2015 1:00:00 PM Stop Time: 11/12/2015 10:00:00 AM
11/19/2015 15:27 Log Download - Used Battery: 15% Used Memory: 34% User Name: KMakar Interval - Start Time: 11/1/2015 7:00:00 AM Stop Time: 11/19/2015 3:30:00 PM
11/29/2015 9:54 Log Download - Used Battery: 15% Used Memory: 35% User Name: CShaw Interval - Start Time: 11/13/2015 1:00:00 AM Stop Time: 11/29/2015 10:45:00 AM
12/3/2015 11:09 Log Download - Used Battery: 16% Used Memory: 35% User Name: KMakar Interval - Start Time: 11/18/2015 7:00:00 AM Stop Time: 12/3/2015 11:08:00 AM
12/10/2015 9:22 Log Download - Used Battery: 16% Used Memory: 37% User Name: CShaw Interval - Start Time: 10/13/2015 1:45:00 AM Stop Time: 12/10/2015 10:15:00 AM
12/17/2015 10:49 Log Download - Used Battery: 16% Used Memory: 37% User Name: KMakar Interval - Start Time: 12/1/2015 12:00:00 PM Stop Time: 12/17/2015 10:45:00 AM
1/3/2016 10:43 Log Download - Used Battery: 17% Used Memory: 40% User Name: CShaw Interval - Start Time: 11/30/2015 1:00:00 AM Stop Time: 1/3/2016 11:30:00 AM
1/7/2016 10:40 Log Download - Used Battery: 17% Used Memory: 40% User Name: KMakar Interval - Start Time: 12/31/2015 10:00:00 AM Stop Time: 1/7/2016 10:45:00 AM
1/14/2016 8:38 Log Download - Used Battery: 18% Used Memory: 40% User Name: KMakar Interval - Start Time: 1/4/2016 10:00:00 AM Stop Time: 1/14/2016 8:30:00 AM
1/21/2016 12:00 Log Download - Used Battery: 18% Used Memory: 42% User Name: KMakar Interval - Start Time: 1/12/2016 11:00:00 AM Stop Time: 1/21/2016 12:00:00 PM
1/28/2016 14:16 Log Download - Used Battery: 19% Used Memory: 42% User Name: KMakar Interval - Start Time: 1/18/2016 11:45:00 AM Stop Time: 1/28/2016 2:15:00 PM
2/4/2016 9:33 Log Download - Used Battery: 19% Used Memory: 43% User Name: CShaw Interval - Start Time: 12/31/2015 1:00:00 AM Stop Time: 2/4/2016 10:30:00 AM
2/11/2016 9:16 Log Download - Used Battery: 19% Used Memory: 45% User Name: CShaw Interval - Start Time: 2/2/2016 2:30:00 PM Stop Time: 2/11/2016 9:15:00 AM
2/18/2016 9:09 Log Download - Used Battery: 20% Used Memory: 45% User Name: CShaw Interval - Start Time: 2/4/2016 5:30:00 PM Stop Time: 2/18/2016 10:00:00 AM
2/25/2016 12:22 Log Download - Used Battery: 20% Used Memory: 46% User Name: KMakar Interval - Start Time: 2/15/2016 5:30:00 PM Stop Time: 2/25/2016 12:15:00 PM
3/3/2016 9:37 Log Download - Used Battery: 20% Used Memory: 46% User Name: SKuiper Interval - Start Time: 1/31/2016 12:00:01 AM Stop Time: 3/3/2016 10:30:00 AM
3/10/2016 10:21 Log Download - Used Battery: 21% Used Memory: 48% User Name: KMakar Interval - Start Time: 3/1/2016 12:00:00 PM Stop Time: 3/10/2016 10:15:00 AM
3/17/2016 19:50 Log Download - Used Battery: 21% Used Memory: 48% User Name: SKuiper Interval - Start Time: 3/8/2016 9:00:00 AM Stop Time: 3/17/2016 7:45:00 PM
3/24/2016 13:10 Log Download - Used Battery: 21% Used Memory: 50% User Name: KMakar Interval - Start Time: 3/15/2016 12:00:00 PM Stop Time: 3/24/2016 1:00:00 PM
3/31/2016 8:26 Log Download - Used Battery: 22% Used Memory: 50% User Name: SKuiper Interval - Start Time: 3/22/2016 12:00:00 PM Stop Time: 3/31/2016 9:00:00 AM
4/7/2016 13:15 Log Download - Used Battery: 22% Used Memory: 51% User Name: KMakar Interval - Start Time: 2/29/2016 5:00:00 PM Stop Time: 4/7/2016 1:15:00 PM

Log Data:
Record Count 716

Sensors 1

1 396211 PCTD 100 PSIG (70m/231ft)

Time Zone: Pacific Daylight Time/Pacific Standard Time

Date and Time	Elapsed Time Seconds	Sensor: PCTD(G) 231ft SN#: 396211 Pressure (PSI)	Sensor: PCTD(G) 231ft SN#: 396211 Temperature (C)	Sensor: PCTD(G) 231ft SN#: 396211 Depth (ft)	Sensor: PCTD(G) 231ft SN#: 396211 Actual Conductivity (µS/cm)	Sensor: PCTD(G) 231ft SN#: 396211 Specific Conductivity (µS/cm)	Sensor: PCTD(G) 231ft SN#: 396211 Salinity (PSU)	Sensor: PCTD(G) 231ft SN#: 396211 Total Dissolved Solids (ppt)	Sensor: PCTD(G) 231ft SN#: 396211 Resistivity (ohm-cm)	Sensor: PCTD(G) 231ft SN#: 396211 Water Density (g/cm3)	
11/2/2017 0:00	7200	19.025	17.299	42.855	35789.355	41961.262	27.095	28.534	27.941	1.019	
11/2/2017 0:15	8100	19.028	17.299	42.863	35809.762	41985.27	27.112	28.55	27.925	1.019	
11/2/2017 0:30	9000	19.025	17.299	42.855	35787.047	41958.391	27.093	28.532	27.943	1.019	
11/2/2017 0:45	9900	19.021	17.299	42.847	35791.109	41963.484	27.097	28.535	27.94	1.019	
11/2/2017 1:00	10800	19.024	17.299	42.854	35792.414	41964.59	27.098	28.536	27.939	1.019	
11/2/2017 1:15	11700	19.025	17.3	42.855	35769.527	41937.59	27.078	28.518	27.957	1.019	
11/2/2017 1:30	12600	19.026	17.3	42.858	35807.688	41982.426	27.11	28.548	27.927	1.019	
11/2/2017 1:45	13500	19.023	17.3	42.852	35791.098	41962.559	27.096	28.535	27.94	1.019	
11/2/2017 2:00	14400	19.026	17.299	42.858	35800.645	41974.496	27.105	28.543	27.932	1.019	
11/2/2017 2:15	15300	19.029	17.299	42.864	35799.262	41972.785	27.103	28.541	27.934	1.019	
11/2/2017 2:30	16200	19.024	17.299	42.854	35777.984	41947.766	27.086	28.524	27.95	1.019	
11/2/2017 2:45	17100	19.027	17.299	42.859	35779.52	41950.059	27.087	28.526	27.949	1.019	
11/2/2017 3:00	18000	19.029	17.298	42.865	35826.992	42006.781	27.128	28.565	27.912	1.019	
11/2/2017 3:15	18900	19.027	17.296	42.861	35796.75	41972.484	27.103	28.541	27.935	1.019	
11/2/2017 3:30	19800	19.026	17.296	42.859	35772.539	41944.262	27.083	28.522	27.954	1.019	
11/2/2017 3:45	20700	19.028	17.296	42.861	35780.453	41953.949	27.09	28.529	27.948	1.019	
11/2/2017 4:00	21600	19.028	17.296	42.861	35786.109	41960.828	27.095	28.533	27.944	1.019	
11/2/2017 4:15	22500	19.029	17.295	42.865	35776.895	41950.438	27.087	28.526	27.951	1.019	
11/2/2017 4:30	23400	19.026	17.296	42.859	35785.102	41959.398	27.094	28.532	27.945	1.019	
11/2/2017 4:45	24300	19.029	17.296	42.864	35765.082	41935.691	27.077	28.516	27.96	1.019	
11/2/2017 5:00	25200	19.026	17.295	42.859	35741.703	41909.746	27.058	28.499	27.979	1.019	
11/2/2017 5:15	26100	19.029	17.295	42.865	35770.93	41943.445	27.082	28.522	27.956	1.019	
11/2/2017 5:30	27000	19.031	17.295	42.87	35764.957	41937.012	27.078	28.517	27.96	1.019	
11/2/2017 5:45	27900	19.029	17.295	42.865	35767.012	41938.598	27.079	28.518	27.959	1.019	
11/2/2017 6:00	28800	19.029	17.295	42.865	35747.141	41916.043	27.063	28.503	27.974	1.019	
11/2/2017 6:15	29700	19.026	17.294	42.858	35751.098	41921.012	27.066	28.506	27.971	1.019	
11/2/2017 6:30	30600	19.03	17.294	42.866	35770.594	41944.125	27.083	28.522	27.956	1.019	
11/2/2017 6:45	31500	19.027	17.294	42.861	35757.906	41928.992	27.072	28.512	27.966	1.019	
11/2/2017 7:00	32400	19.026	17.294	42.858	35763.68	41936.094	27.077	28.517	27.961	1.019	
11/2/2017 7:15	33300	19.029	17.295	42.865	35761.473	41932.77	27.075	28.514	27.963	1.019	
11/2/2017 7:30	34200	19.032	17.294	42.873	35713.609	41877.305	27.035	28.477	28.001	1.019	
11/2/2017 7:45	35100	19.032	17.294	42.871	35746.754	41916.168	27.063	28.503	27.975	1.019	
11/2/2017 8:00	36000	19.03	17.294	42.867	35747.152	41917.039	27.063	28.504	27.974	1.019	
11/2/2017 8:15	36900	19.029	17.294	42.865	35794.27	41972.207	27.103	28.541	27.937	1.019	
11/2/2017 8:30	37800	19.028	17.294	42.861	35767.906	41940.148	27.09	28.519	27.959	1.019	
11/2/2017 8:45	38700	19.031	17.294	42.869	35725.742	41891.695	27.045	28.486	27.991	1.019	
11/2/2017 9:00	39600	19.034	17.294	42.877	35766.047	41938.375	27.079	28.518	27.959	1.019	
11/2/2017 9:15	40500	19.03	17.294	42.866	35760.996	41932.785	27.075	28.514	27.963	1.019	
11/2/2017 9:30	41400	19.029	17.295	42.864	35753.539	41923.293	27.068	28.508	27.969	1.019	
11/2/2017 9:45	42300	19.03	17.295	42.867	35751.539	41921.035	27.066	28.506	27.971	1.019	

11/2/2017 10:00	43200	19.03	17.295	42.867	35778.141	41951.73	27.088	28.527	27.95	1.019
11/2/2017 10:15	44100	19.03	17.296	42.867	35779	41952.168	27.089	28.527	27.949	1.019
11/2/2017 10:30	45000	19.032	17.296	42.871	35778.066	41950.656	27.087	28.526	27.95	1.019
11/2/2017 10:45	45900	19.032	17.297	42.873	35784.582	41957.965	27.093	28.531	27.945	1.019
11/2/2017 11:00	46800	19.032	17.297	42.871	35804.965	41981.535	27.111	28.547	27.929	1.019
11/2/2017 11:15	47700	19.032	17.297	42.871	35783.363	41956.043	27.091	28.53	27.946	1.019
11/2/2017 11:30	48600	19.03	17.297	42.867	35842.535	42025.508	27.141	28.577	27.9	1.019
11/2/2017 11:45	49500	19.031	17.298	42.87	35793.117	41966.742	27.099	28.537	27.938	1.019
11/2/2017 12:00	50400	19.028	17.298	42.863	35800.125	41975.375	27.105	28.543	27.933	1.019
11/2/2017 12:15	51300	19.031	17.298	42.869	35809.523	41985.809	27.113	28.55	27.926	1.019
11/2/2017 12:30	52200	19.028	17.298	42.862	35827.809	42007.25	27.128	28.565	27.911	1.019
11/2/2017 12:45	53100	19.031	17.299	42.87	35800.023	41973.852	27.104	28.542	27.933	1.019
11/2/2017 13:00	54000	19.03	17.298	42.867	35781.941	41953.801	27.09	28.529	27.947	1.019
11/2/2017 13:15	54900	19.029	17.299	42.865	35803.75	41978.219	27.107	28.545	27.93	1.019
11/2/2017 13:30	55800	19.032	17.299	42.871	35817.242	41994.527	27.119	28.556	27.92	1.019
11/2/2017 13:45	56700	19.036	17.298	42.881	35818.316	41996.121	27.12	28.557	27.919	1.019
11/2/2017 14:00	57600	19.032	17.298	42.871	35807.172	41983.055	27.111	28.548	27.927	1.019
11/2/2017 14:15	58500	19.032	17.297	42.871	35831.801	42013.25	27.132	28.569	27.908	1.019
11/2/2017 14:30	59400	19.03	17.296	42.867	35799.363	41975.793	27.105	28.544	27.933	1.019
11/2/2017 14:45	60300	19.034	17.295	42.875	35783.516	41958.293	27.093	28.532	27.946	1.019
11/2/2017 15:00	61200	19.03	17.295	42.866	35798.434	41976.266	27.106	28.544	27.934	1.019
11/2/2017 15:15	62100	19.03	17.295	42.866	35777.508	41951.57	27.088	28.527	27.951	1.019
11/2/2017 15:30	63000	19.026	17.295	42.858	35785.262	41960.664	27.095	28.533	27.944	1.019
11/2/2017 15:45	63900	19.03	17.294	42.867	35758.082	41929.617	27.072	28.512	27.966	1.019
11/2/2017 16:00	64800	19.028	17.294	42.862	35739.605	41907.457	27.056	28.497	27.98	1.019
11/2/2017 16:15	65700	19.028	17.294	42.863	35773.684	41947.66	27.085	28.524	27.954	1.019
11/2/2017 16:30	66600	19.03	17.293	42.866	35760.105	41932.484	27.074	28.514	27.964	1.019
11/2/2017 16:45	67500	19.031	17.293	42.87	35749.121	41920.258	27.066	28.506	27.973	1.019
11/2/2017 17:00	68400	19.033	17.293	42.873	35746.637	41916.766	27.063	28.503	27.975	1.019
11/2/2017 17:15	69300	19.031	17.293	42.87	35785.781	41963.32	27.096	28.535	27.944	1.019
11/2/2017 17:30	70200	19.027	17.292	42.859	35728.75	41896.949	27.049	28.49	27.989	1.019
11/2/2017 17:45	71100	19.034	17.291	42.877	35747.871	41919.941	27.065	28.506	27.974	1.019
11/2/2017 18:00	72000	19.027	17.291	42.861	35737.402	41907.832	27.057	28.497	27.982	1.019
11/2/2017 18:15	72900	19.03	17.291	42.867	35748.07	41920.262	27.065	28.506	27.974	1.019
11/2/2017 18:30	73800	19.028	17.291	42.861	35735.684	41905.902	27.055	28.496	27.983	1.019
11/2/2017 18:45	74700	19.029	17.293	42.865	35756.902	41929.457	27.072	28.512	27.967	1.019
11/2/2017 19:00	75600	19.029	17.291	42.865	35757.492	41931.641	27.074	28.514	27.966	1.019
11/2/2017 19:15	76500	19.028	17.29	42.863	35734.543	41905.649	27.055	28.496	27.984	1.019
11/2/2017 19:30	77400	19.026	17.29	42.858	35765.984	41942.504	27.081	28.521	27.96	1.019
11/2/2017 19:45	78300	19.029	17.29	42.865	35738.777	41910.691	27.059	28.499	27.981	1.019
11/2/2017 20:00	79200	19.023	17.29	42.852	35751.105	41925.219	27.069	28.509	27.971	1.019
11/2/2017 20:15	80100	19.027	17.29	42.859	35764.684	41940.977	27.08	28.52	27.961	1.019
11/2/2017 20:30	81000	19.028	17.29	42.862	35717.582	41885.41	27.04	28.482	27.997	1.019
11/2/2017 20:45	81900	19.024	17.291	42.854	35756.676	41931.008	27.073	28.513	27.967	1.019
11/2/2017 21:00	82800	19.031	17.29	42.869	35745.18	41917.773	27.064	28.504	27.976	1.019
11/2/2017 21:15	83700	19.028	17.291	42.862	35731.82	41901.617	27.052	28.493	27.986	1.019
11/2/2017 21:30	84600	19.028	17.291	42.862	35753.051	41926.102	27.07	28.51	27.97	1.019
11/2/2017 21:45	85500	19.03	17.292	42.867	35752.832	41924.777	27.069	28.509	27.97	1.019
11/2/2017 22:00	86400	19.027	17.293	42.861	35764.449	41937.652	27.078	28.518	27.961	1.019
11/2/2017 22:15	87300	19.024	17.294	42.853	35769.871	41943.441	27.082	28.522	27.956	1.019
11/2/2017 22:30	88200	19.025	17.294	42.855	35775.172	41949.074	27.086	28.525	27.952	1.019
11/2/2017 22:45	89100	19.026	17.295	42.858	35782.574	41957.262	27.092	28.531	27.947	1.019
11/2/2017 23:00	90000	19.026	17.295	42.859	35763.813	41934.77	27.076	28.516	27.961	1.019
11/2/2017 23:15	90900	19.023	17.295	42.852	35799.734	41977.309	27.107	28.545	27.933	1.019
11/2/2017 23:30	91800	19.024	17.296	42.853	35750.973	41919.547	27.065	28.505	27.971	1.019
11/2/2017 23:45	92700	19.026	17.296	42.859	35783.008	41956.945	27.092	28.531	27.946	1.019
11/3/2017 0:00	93600	19.025	17.296	42.856	35810.664	41989.137	27.115	28.553	27.925	1.019
11/3/2017 0:15	94500	19.03	17.297	42.867	35768.641	41938.945	27.079	28.518	27.957	1.019
11/3/2017 0:30	95400	19.024	17.297	42.853	35783.629	41956.52	27.092	28.53	27.946	1.019
11/3/2017 0:45	96300	19.023	17.298	42.852	35789.566	41962.578	27.096	28.535	27.941	1.019
11/3/2017 1:00	97200	19.024	17.298	42.853	35786.379	41959.004	27.094	28.532	27.944	1.019
11/3/2017 1:15	98100	19.023	17.297	42.852	35769.723	41939.883	27.08	28.519	27.957	1.019
11/3/2017 1:30	99000	19.027	17.298	42.861	35824.715	42003.453	27.125	28.562	27.914	1.019
11/3/2017 1:45	99900	19.024	17.299	42.854	35822.008	42000.039	27.123	28.56	27.916	1.019
11/3/2017 2:00	100800	19.02	17.298	42.845	35779.266	41950.988	27.088	28.527	27.949	1.019
11/3/2017 2:15	101700	19.021	17.299	42.847	35778.504	41949.105	27.086	28.525	27.95	1.019
11/3/2017 2:30	102600	19.024	17.298	42.853	35766.16	41935.219	27.077	28.516	27.959	1.019
11/3/2017 2:45	103500	19.027	17.298	42.861	35819.297	41997.355	27.121	28.558	27.918	1.019
11/3/2017 3:00	104400	19.025	17.299	42.856	35782.246	41953.258	27.089	28.528	27.947	1.019
11/3/2017 3:15	105300	19.023	17.298	42.85	35805.168	41980.629	27.109	28.547	27.929	1.019
11/3/2017 3:30	106200	19.025	17.298	42.855	35774.898	41945.629	27.084	28.523	27.953	1.019
11/3/2017 3:45	107100	19.027	17.297	42.859	35767.969	41937.914	27.078	28.518	27.958	1.019
11/3/2017 4:00	108000	19.025	17.296	42.856	35781.617	41955.238	27.091	28.53	27.947	1.019
11/3/2017 4:15	108900	19.023	17.295	42.852	35809.941	41989.762	27.115	28.553	27.925	1.019
11/3/2017 4:30	109800	19.022	17.295	42.849	35787.32	41962.902	27.096	28.535	27.943	1.019
11/3/2017 4:45	110700	19.02	17.294	42.844	35783.656	41959.277	27.094	28.532	27.946	1.019
11/3/2017 5:00	111600	19.025	17.294	42.855	35746.582	41916.289	27.063	28.503	27.975	1.019
11/3/2017 5:15	112500	19.026	17.294	42.859	35776.539	41951.496	27.088	28.527	27.951	1.019
11/3/2017 5:30	113400	19.022	17.293	42.848	35757.809	41929.695	27.072	28.512	27.966	1.019
11/3/2017 5:45	114300	19.022	17.293	42.849	35786.676	41963.973	27.097	28.536	27.943	1.019
11/3/2017 6:00	115200	19.023	17.293	42.85	35758.137	41930.004	27.073	28.512	27.966	1.019
11/3/2017 6:15	116100	19.024	17.294	42.854	35769.371	41942.926	27.082	28.521	27.957	1.019
11/3/2017 6:30	117000	19.023	17.293	42.85	35789.453	41967.629	27.099	28.538	27.941	1.019
11/3/2017 6:45	117900	19.024	17.293	42.853	35719.313	41884.555	27.04	28.481	27.996	1.019
11/3/2017 7:00	118800	19.023	17.292	42.85	35738.691	41908.195	27.057	28.498	27.981	1.019
11/3/2017 7:15	119700	19.028	17.292	42.861	35729.48	41897.469	27.049	28.49	27.988	1.019
11/3/2017 7:30	120600	19.018	17.292	42.841	35712.797	41877.906	27.035	28.477	28.001	1.019
11/3/2017 7:45	121500	19.024	17.292	42.854	35730.055	41898.07	27.05	28.491	27.988	1.019
11/3/2017 8:00	122400	19.025	17.293	42.856	35730.113	41897.645	27.049	28.49	27.988	1.019
11/3/2017 8:15	123300	19.023	17.292	42.85	35716.688	41882.805	27.039	28.48	27.998	1.019
11/3/2017 8:30	12420									

11/4/2017 6:30	203400	18.995	17.291	42.788	35696.223	41859.793	27.022	28.465	28.014	1.019
11/4/2017 6:45	204300	18.995	17.291	42.789	35743.848	41915.805	27.062	28.503	27.977	1.019
11/4/2017 7:00	205200	18.994	17.29	42.786	35682.805	41844.715	27.011	28.454	28.025	1.019
11/4/2017 7:15	206100	18.994	17.291	42.786	35705.832	41871.383	27.03	28.473	28.007	1.019
11/4/2017 7:30	207000	18.996	17.29	42.79	35700.598	41865.824	27.026	28.469	28.011	1.019
11/4/2017 7:45	207900	18.997	17.29	42.793	35672.758	41832.684	27.003	28.446	28.033	1.019
11/4/2017 8:00	208800	18.992	17.29	42.782	35694.715	41859.09	27.022	28.464	28.015	1.019
11/4/2017 8:15	209700	18.993	17.29	42.782	35678.418	41839.734	27.008	28.451	28.028	1.019
11/4/2017 8:30	210600	18.992	17.29	42.781	35685.563	41848.113	27.014	28.457	28.023	1.019
11/4/2017 8:45	211500	18.995	17.29	42.789	35699.422	41864.609	27.026	28.468	28.012	1.019
11/4/2017 9:00	212400	18.996	17.29	42.791	35693.844	41857.824	27.021	28.463	28.016	1.019
11/4/2017 9:15	213300	18.994	17.291	42.785	35688.359	41850.895	27.016	28.459	28.02	1.019
11/4/2017 9:30	214200	18.99	17.291	42.777	35694.652	41858.113	27.021	28.464	28.015	1.019
11/4/2017 9:45	215100	18.992	17.29	42.782	35684.836	41847.012	27.013	28.456	28.023	1.019
11/4/2017 10:00	216000	18.995	17.291	42.787	35695.477	41859.16	27.022	28.464	28.015	1.019
11/4/2017 10:15	216900	18.994	17.291	42.785	35701.719	41866.238	27.027	28.469	28.01	1.019
11/4/2017 10:30	217800	18.993	17.292	42.783	35691.25	41853.223	27.018	28.46	28.018	1.019
11/4/2017 10:45	218700	18.995	17.291	42.787	35707.5	41872.77	27.031	28.473	28.005	1.019
11/4/2017 11:00	219600	18.995	17.291	42.787	35703.285	41867.574	27.028	28.47	28.009	1.019
11/4/2017 11:15	220500	18.993	17.293	42.782	35719.48	41885.344	27.041	28.482	27.996	1.019
11/4/2017 11:30	221400	18.992	17.293	42.781	35692.527	41853.574	27.018	28.46	28.017	1.019
11/4/2017 11:45	222300	18.99	17.293	42.777	35712.816	41877.105	27.035	28.476	28.001	1.019
11/4/2017 12:00	223200	18.99	17.294	42.776	35737.055	41904.711	27.054	28.495	27.982	1.019
11/4/2017 12:15	224100	18.991	17.295	42.78	35717.457	41881.234	27.038	28.479	27.998	1.019
11/4/2017 12:30	225000	18.992	17.294	42.781	35732.918	41899.781	27.051	28.492	27.985	1.019
11/4/2017 12:45	225900	18.992	17.295	42.781	35730.898	41896.918	27.047	28.49	27.987	1.019
11/4/2017 13:00	226800	18.989	17.295	42.775	35711.098	41873.527	27.032	28.474	28.003	1.019
11/4/2017 13:15	227700	18.988	17.295	42.772	35754.398	41923.895	27.068	28.508	27.969	1.019
11/4/2017 13:30	228600	18.987	17.295	42.771	35755.855	41925.602	27.07	28.509	27.967	1.019
11/4/2017 13:45	229500	18.988	17.296	42.772	35763.023	41933.758	27.075	28.515	27.962	1.019
11/4/2017 14:00	230400	18.986	17.296	42.768	35744.512	41911.805	27.06	28.5	27.976	1.019
11/4/2017 14:15	231300	18.988	17.295	42.772	35734.363	41900.809	27.052	28.493	27.984	1.019
11/4/2017 14:30	232200	18.985	17.294	42.766	35737.523	41905.344	27.055	28.496	27.982	1.019
11/4/2017 14:45	233100	18.987	17.293	42.769	35724.043	41890.359	27.044	28.485	27.992	1.019
11/4/2017 15:00	234000	18.989	17.292	42.774	35722.066	41888.867	27.043	28.484	27.994	1.019
11/4/2017 15:15	234900	18.985	17.292	42.765	35737.613	41907.594	27.056	28.497	27.982	1.019
11/4/2017 15:30	235800	18.984	17.291	42.764	35743.793	41915.246	27.062	28.502	27.977	1.019
11/4/2017 15:45	236700	18.983	17.291	42.761	35705.699	41871.148	27.03	28.472	28.007	1.019
11/4/2017 16:00	237600	18.984	17.29	42.764	35704.473	41870.125	27.03	28.472	28.008	1.019
11/4/2017 16:15	238500	18.984	17.29	42.764	35689.883	41853.422	27.018	28.46	28.019	1.019
11/4/2017 16:30	239400	18.985	17.288	42.766	35709.492	41877.898	27.035	28.477	28.004	1.019
11/4/2017 16:45	240300	18.98	17.288	42.755	35684.602	41849.199	27.014	28.457	28.023	1.019
11/4/2017 17:00	241200	18.984	17.288	42.764	35716.43	41886.289	27.041	28.483	27.998	1.019
11/4/2017 17:15	242100	18.982	17.288	42.759	35698.492	41864.836	27.026	28.468	28.012	1.019
11/4/2017 17:30	243000	18.984	17.287	42.764	35691.305	41857.723	27.021	28.463	28.018	1.019
11/4/2017 17:45	243900	18.984	17.286	42.764	35688.473	41855.055	27.019	28.461	28.02	1.019
11/4/2017 18:00	244800	18.983	17.287	42.761	35671.93	41835.418	27.005	28.448	28.033	1.019
11/4/2017 18:15	245700	18.983	17.286	42.76	35688.258	41854.73	27.018	28.461	28.02	1.019
11/4/2017 18:30	246600	18.984	17.285	42.764	35656.551	41818.434	26.992	28.437	28.045	1.019
11/4/2017 18:45	247500	18.982	17.286	42.759	35637.914	41795.93	26.976	28.421	28.06	1.019
11/4/2017 19:00	248400	18.981	17.285	42.756	35669.41	41833.691	27.003	28.447	28.035	1.019
11/4/2017 19:15	249300	18.978	17.286	42.751	35652.574	41813.449	26.989	28.433	28.048	1.019
11/4/2017 19:30	250200	18.981	17.286	42.756	35666.09	41829.383	27	28.444	28.038	1.019
11/4/2017 19:45	251100	18.981	17.286	42.757	35685.879	41852.184	27.017	28.459	28.022	1.019
11/4/2017 20:00	252000	18.98	17.285	42.755	35665.891	41829.891	27	28.444	28.038	1.019
11/4/2017 20:15	252900	18.979	17.285	42.752	35673.063	41838.141	27.006	28.45	28.032	1.019
11/4/2017 20:30	253800	18.98	17.285	42.754	35693.809	41862.133	27.024	28.466	28.016	1.019
11/4/2017 20:45	254700	18.981	17.286	42.757	35672.809	41837.348	27.006	28.449	28.033	1.019
11/4/2017 21:00	255600	18.981	17.286	42.756	35690.625	41857.914	27.021	28.463	28.019	1.019
11/4/2017 21:15	256500	18.981	17.286	42.756	35699.824	41868.703	27.028	28.471	28.011	1.019
11/4/2017 21:30	257400	18.977	17.287	42.747	35685.215	41850.996	27.016	28.459	28.023	1.019
11/4/2017 21:45	258300	18.978	17.288	42.751	35682.574	41846.91	27.013	28.456	28.025	1.019
11/4/2017 22:00	259200	18.977	17.288	42.747	35684.75	41849.301	27.015	28.458	28.023	1.019
11/4/2017 22:15	260100	18.975	17.29	42.742	35686.879	41849.574	27.015	28.458	28.022	1.019
11/4/2017 22:30	261000	18.975	17.29	42.742	35717.387	41885.605	27.041	28.482	27.998	1.019
11/4/2017 22:45	261900	18.979	17.291	42.752	35710.148	41876.039	27.034	28.476	28.003	1.019
11/4/2017 23:00	262800	18.974	17.291	42.74	35722.637	41890.352	27.044	28.485	27.993	1.019
11/4/2017 23:15	263700	18.976	17.292	42.745	35697.438	41860.316	27.023	28.465	28.013	1.019
11/4/2017 23:30	264600	18.979	17.292	42.753	35714.188	41879.465	27.036	28.478	28	1.019
11/4/2017 23:45	265500	18.977	17.292	42.747	35732.758	41901.313	27.052	28.493	27.986	1.019
11/5/2017 0:00	266400	18.977	17.293	42.747	35725.086	41891.82	27.045	28.486	27.992	1.019
11/5/2017 0:15	267300	18.977	17.295	42.748	35695.914	41855.723	27.019	28.462	28.014	1.019
11/5/2017 0:30	268200	18.979	17.295	42.753	35702.199	41863.02	27.025	28.467	28.009	1.019
11/5/2017 0:45	269100	18.977	17.295	42.747	35734.297	41900.582	27.052	28.492	27.984	1.019
11/5/2017 1:00	270000	18.981	17.295	42.756	35713.895	41876.656	27.034	28.476	28	1.019
11/5/2017 1:15	270900	18.977	17.295	42.748	35718.484	41882.113	27.038	28.48	27.997	1.019
11/5/2017 1:30	271800	18.976	17.296	42.745	35726.375	41890.211	27.044	28.485	27.991	1.019
11/5/2017 1:45	272700	18.978	17.295	42.75	35735.285	41901.398	27.052	28.493	27.984	1.019
11/5/2017 2:00	273600	18.977	17.296	42.748	35711.652	41873.199	27.032	28.474	28.002	1.019
11/5/2017 2:15	274500	18.979	17.296	42.753	35735.535	41900.953	27.052	28.493	27.983	1.019
11/5/2017 2:30	275400	18.977	17.296	42.748	35718.113	41880.359	27.037	28.479	27.997	1.019
11/5/2017 2:45	276300	18.978	17.297	42.749	35731.438	41895.73	27.048	28.489	27.987	1.019
11/5/2017 2:00	277200	18.978	17.297	42.751	35725.973	41889.168	27.043	28.485	27.991	1.019
11/5/2017 2:15	278100	18.979	17.296	42.752	35708.055	41868.824	27.029	28.471	28.005	1.019
11/5/2017 2:30	279000	18.976	17.296	42.745	35721.988	41885.32	27.041	28.482	27.994	1.019
11/5/2017 2:45	279900	18.975	17.296	42.744	35739.508	41906.105	27.056	28.496	27.98	1.019
11/5/2017 3:00	280800	18.98	17.295	42.755	35759.895	41930.254	27.073	28.513	27.964	1.019
11/5/2017 3:15	281700	18.973	17.296	42.738	35738.277	41904.582	27.054	28.495	27.981	1.019
11/5/2017 3:30	282600	18.976	17.297	42.745	35739.703	41905.266	27.055	28.496	27.98	1.019
11/5/2017 3:45	283500	18.976	17.297	42.745	35747.23	41914.336	27.061</			

11/6/2017 2:00	363600	18.955	17.294	42.697	35724.77	41890.137	27.044	28.485	27.992	1.019
11/6/2017 2:15	364500	18.96	17.294	42.708	35729.34	41895.988	27.048	28.489	27.988	1.019
11/6/2017 2:30	365400	18.958	17.294	42.705	35740.195	41908.477	27.057	28.498	27.98	1.019
11/6/2017 2:45	366300	18.959	17.294	42.707	35750.367	41920.152	27.066	28.506	27.972	1.019
11/6/2017 3:00	367200	18.958	17.294	42.704	35752.234	41922.676	27.067	28.507	27.97	1.019
11/6/2017 3:15	368100	18.958	17.294	42.705	35752.805	41922.938	27.068	28.508	27.97	1.019
11/6/2017 3:30	369000	18.953	17.294	42.693	35734.059	41901.031	27.052	28.493	27.985	1.019
11/6/2017 3:45	369900	18.958	17.294	42.704	35757.355	41928.602	27.072	28.511	27.966	1.019
11/6/2017 4:00	370800	18.951	17.292	42.688	35736.453	41906.066	27.055	28.496	27.983	1.019
11/6/2017 4:15	371700	18.954	17.291	42.696	35742.75	41914.52	27.061	28.502	27.978	1.019
11/6/2017 4:30	372600	18.954	17.29	42.695	35749.719	41923.098	27.067	28.508	27.972	1.019
11/6/2017 4:45	373500	18.955	17.289	42.698	35710.613	41878.48	27.035	28.477	28.003	1.019
11/6/2017 5:00	374400	18.955	17.289	42.698	35730.5	41901.801	27.052	28.493	27.987	1.019
11/6/2017 5:15	375300	18.955	17.288	42.697	35724.188	41894.883	27.047	28.489	27.992	1.019
11/6/2017 5:30	376200	18.95	17.288	42.686	35707.324	41875.273	27.033	28.475	28.005	1.019
11/6/2017 5:45	377100	18.954	17.289	42.696	35699.117	41865.238	27.026	28.468	28.012	1.019
11/6/2017 6:00	378000	18.954	17.288	42.696	35690.914	41856.027	27.019	28.462	28.018	1.019
11/6/2017 6:15	378900	18.949	17.288	42.685	35677.176	41840.16	27.008	28.451	28.029	1.019
11/6/2017 6:30	379800	18.951	17.288	42.688	35657.281	41816.828	26.991	28.435	28.045	1.019
11/6/2017 6:45	380700	18.956	17.288	42.7	35660.848	41821.27	26.994	28.438	28.042	1.019
11/6/2017 7:00	381600	18.951	17.287	42.69	35679.477	41843.438	27.01	28.454	28.027	1.019
11/6/2017 7:15	382500	18.952	17.288	42.692	35650.824	41809.434	26.986	28.43	28.05	1.019
11/6/2017 7:30	383400	18.954	17.287	42.696	35653.242	41813.5	26.989	28.433	28.048	1.019
11/6/2017 7:45	384300	18.95	17.286	42.686	35672.961	41836.695	27.005	28.449	28.032	1.019
11/6/2017 8:00	385200	18.95	17.287	42.687	35645.758	41804.723	26.983	28.427	28.054	1.019
11/6/2017 8:15	386100	18.951	17.286	42.688	35669.074	41832.305	27.002	28.446	28.035	1.019
11/6/2017 8:30	387000	18.947	17.286	42.681	35631.398	41788.047	26.971	28.416	28.065	1.019
11/6/2017 8:45	387900	18.946	17.286	42.678	35677.219	41841.945	27.009	28.453	28.029	1.019
11/6/2017 9:00	388800	18.95	17.286	42.686	35652.348	41812.945	26.988	28.433	28.049	1.019
11/6/2017 9:15	389700	18.95	17.287	42.686	35628.914	41784.969	26.968	28.414	28.067	1.019
11/6/2017 9:30	390600	18.948	17.286	42.682	35668.086	41831.48	27.002	28.445	28.036	1.019
11/6/2017 9:45	391500	18.949	17.286	42.684	35654.703	41815.707	26.99	28.435	28.047	1.019
11/6/2017 10:00	392400	18.948	17.286	42.682	35651.484	41811.508	26.987	28.432	28.049	1.019
11/6/2017 10:15	393300	18.947	17.287	42.68	35631.539	41787.461	26.97	28.415	28.065	1.019
11/6/2017 10:30	394200	18.95	17.287	42.686	35659.109	41819.551	26.993	28.437	28.043	1.019
11/6/2017 10:45	395100	18.946	17.288	42.678	35671.414	41833.66	27.003	28.447	28.034	1.019
11/6/2017 11:00	396000	18.947	17.288	42.681	35643.391	41800.297	26.979	28.424	28.056	1.019
11/6/2017 11:15	396900	18.945	17.289	42.675	35636.188	41791.605	26.973	28.418	28.061	1.019
11/6/2017 11:30	397800	18.946	17.289	42.678	35664.578	41824.078	26.997	28.44	28.039	1.019
11/6/2017 11:45	398700	18.945	17.29	42.675	35666.684	41826.055	26.998	28.442	28.037	1.019
11/6/2017 12:00	399600	18.944	17.291	42.674	35681.852	41843.184	27.01	28.453	28.025	1.019
11/6/2017 12:15	400500	18.944	17.29	42.673	35652.32	41808.969	26.986	28.43	28.049	1.019
11/6/2017 12:30	401400	18.947	17.291	42.68	35663.855	41821.914	26.995	28.439	28.04	1.019
11/6/2017 12:45	402300	18.946	17.291	42.677	35686.645	41848.805	27.014	28.457	28.022	1.019
11/6/2017 13:00	403200	18.946	17.291	42.677	35671.828	41831.348	27.002	28.445	28.033	1.019
11/6/2017 13:15	404100	18.95	17.291	42.688	35665.414	41823.332	26.996	28.44	28.038	1.019
11/6/2017 13:30	405000	18.947	17.291	42.679	35694.188	41857.156	27.02	28.463	28.016	1.019
11/6/2017 13:45	405900	18.944	17.292	42.674	35685.566	41846.066	27.012	28.455	28.023	1.019
11/6/2017 14:00	406800	18.943	17.292	42.67	35724.172	41891.582	27.045	28.486	27.992	1.019
11/6/2017 14:15	407700	18.943	17.291	42.67	35693.445	41856.035	27.02	28.462	28.016	1.019
11/6/2017 14:30	408600	18.943	17.292	42.671	35690.461	41852.461	27.017	28.46	28.019	1.019
11/6/2017 14:45	409500	18.944	17.29	42.672	35690.023	41853.426	27.018	28.46	28.019	1.019
11/6/2017 15:00	410400	18.944	17.29	42.672	35696.852	41861.352	27.023	28.466	28.014	1.019
11/6/2017 15:15	411300	18.941	17.288	42.666	35693.77	41859.375	27.022	28.464	28.016	1.019
11/6/2017 15:30	412200	18.942	17.288	42.668	35694.887	41861.352	27.023	28.466	28.015	1.019
11/6/2017 15:45	413100	18.941	17.287	42.668	35694.742	41861.34	27.023	28.466	28.015	1.019
11/6/2017 16:00	414000	18.944	17.288	42.673	35642.402	41799.801	26.979	28.424	28.056	1.019
11/6/2017 16:15	414900	18.939	17.287	42.663	35673.121	41836.813	27.006	28.449	28.032	1.019
11/6/2017 16:30	415800	18.939	17.285	42.661	35680.199	41846.586	27.012	28.456	28.027	1.019
11/6/2017 16:45	416700	18.936	17.285	42.655	35653.484	41815.586	26.99	28.435	28.048	1.019
11/6/2017 17:00	417600	18.938	17.285	42.659	35672.047	41837.188	27.006	28.449	28.033	1.019
11/6/2017 17:15	418500	18.939	17.283	42.661	35649.531	41812.176	26.988	28.432	28.051	1.019
11/6/2017 17:30	419400	18.941	17.282	42.665	35659.453	41824.645	26.997	28.441	28.043	1.019
11/6/2017 17:45	420300	18.939	17.283	42.663	35641.48	41803.398	26.981	28.426	28.057	1.019
11/6/2017 18:00	421200	18.937	17.283	42.659	35643.836	41805.582	26.983	28.428	28.055	1.019
11/6/2017 18:15	422100	18.935	17.281	42.652	35627.422	41788.059	26.97	28.416	28.068	1.019
11/6/2017 18:30	423000	18.936	17.282	42.655	35660.938	41827.043	26.998	28.442	28.042	1.019
11/6/2017 18:45	423900	18.933	17.28	42.649	35643.629	41807.891	26.985	28.429	28.056	1.019
11/6/2017 19:00	424800	18.934	17.281	42.65	35633.477	41795.492	26.976	28.421	28.063	1.019
11/6/2017 19:15	425700	18.931	17.281	42.644	35669.965	41838.531	27.006	28.45	28.035	1.019
11/6/2017 19:30	426600	18.934	17.281	42.65	35629.5	41790.66	26.972	28.418	28.067	1.019
11/6/2017 19:45	427500	18.931	17.281	42.644	35644.855	41809.078	26.985	28.43	28.055	1.019
11/6/2017 20:00	428400	18.939	17.282	42.662	35605.063	41761.25	26.951	28.398	28.086	1.019
11/6/2017 20:15	429300	18.932	17.281	42.646	35637.602	41800.328	26.979	28.424	28.06	1.019
11/6/2017 20:30	430200	18.937	17.281	42.657	35650.625	41815.605	26.99	28.435	28.05	1.019
11/6/2017 20:45	431100	18.935	17.282	42.654	35627.242	41787.52	26.97	28.416	28.068	1.019
11/6/2017 21:00	432000	18.932	17.282	42.646	35653.566	41818.234	26.992	28.436	28.048	1.019
11/6/2017 21:15	432900	18.935	17.283	42.653	35642.16	41804.117	26.982	28.427	28.057	1.019
11/6/2017 21:30	433800	18.932	17.282	42.646	35650.605	41814.922	26.99	28.434	28.05	1.019
11/6/2017 21:45	434700	18.931	17.282	42.643	35657.035	41822.133	26.995	28.439	28.045	1.019
11/6/2017 22:00	435600	18.929	17.283	42.639	35641.711	41803.504	26.982	28.426	28.057	1.019
11/6/2017 22:15	436500	18.93	17.283	42.642	35662.063	41827.289	26.999	28.443	28.041	1.019
11/6/2017 22:30	437400	18.931	17.284	42.645	35651.098	41813.113	26.988	28.433	28.05	1.019
11/6/2017 22:45	438300	18.93	17.284	42.641	35664.668	41829.453	27	28.444	28.039	1.019
11/6/2017 23:00	439200	18.931	17.285	42.643	35668.332	41832.668	27.002	28.446	28.036	1.019
11/6/2017 23:15	440100	18.928	17.287	42.636	35684.613	41849.633	27.015	28.458	28.023	1.019
11/6/2017 23:30	441000	18.935	17.286	42.652	35690.313	41857.211	27.02	28.463	28.019	1.019
11/6/2017 23:45	441900	18.931	17.288	42.644	35686.633	41851.25	27.016	28.459	28.022	1.019
11/7/2017 0:00	442800	18.93	17.289	42.641	35707.637	41874.648	27.033	28.475	28.005	1.019
11/7/2017 0:15	443700	18.932	17.288	42.646	35683.152	41846.762	27.013			

11/7/2017 22:30	523800	18.899	17.281	42.572	35666.672	41834.094	27.003	28.447	28.037	1.019
11/7/2017 22:45	524700	18.899	17.283	42.571	35677.781	41845.898	27.012	28.455	28.029	1.019
11/7/2017 23:00	525600	18.9	17.284	42.574	35679.164	41846.195	27.012	28.455	28.028	1.019
11/7/2017 23:15	526500	18.906	17.284	42.588	35673.328	41839.68	27.007	28.451	28.032	1.019
11/7/2017 23:30	527400	18.902	17.286	42.578	35694.656	41862.641	27.024	28.467	28.015	1.019
11/7/2017 23:45	528300	18.901	17.286	42.576	35695.742	41863.75	27.025	28.467	28.015	1.019
11/8/2017 0:00	529200	18.901	17.287	42.576	35699.77	41867.816	27.028	28.47	28.011	1.019
11/8/2017 0:15	530100	18.901	17.288	42.576	35710.262	41879.383	27.036	28.478	28.003	1.019
11/8/2017 0:30	531000	18.904	17.288	42.582	35729.508	41901.953	27.052	28.493	27.988	1.019
11/8/2017 0:45	531900	18.9	17.289	42.574	35711.945	41879.953	27.037	28.478	28.002	1.019
11/8/2017 1:00	532800	18.897	17.29	42.567	35717.734	41885.426	27.041	28.482	27.997	1.019
11/8/2017 1:15	533700	18.899	17.29	42.571	35700.609	41865.43	27.026	28.468	28.011	1.019
11/8/2017 1:30	534600	18.903	17.29	42.581	35717.43	41885.398	27.04	28.482	27.998	1.019
11/8/2017 1:45	535500	18.906	17.291	42.587	35696.277	41859.441	27.022	28.464	28.014	1.019
11/8/2017 2:00	536400	18.902	17.292	42.578	35731.637	41900.582	27.051	28.492	27.986	1.019
11/8/2017 2:15	537300	18.901	17.291	42.576	35710.742	41876.32	27.034	28.476	28.003	1.019
11/8/2017 2:30	538200	18.901	17.292	42.576	35713.59	41878.926	27.036	28.478	28.001	1.019
11/8/2017 2:45	539100	18.899	17.293	42.571	35733.695	41901.918	27.052	28.493	27.985	1.019
11/8/2017 3:00	540000	18.902	17.292	42.579	35735.203	41904.27	27.054	28.495	27.984	1.019
11/8/2017 3:15	540900	18.903	17.293	42.581	35729.574	41897.414	27.049	28.49	27.988	1.019
11/8/2017 3:30	541800	18.9	17.293	42.575	35734.875	41903.465	27.054	28.494	27.984	1.019
11/8/2017 3:45	542700	18.898	17.293	42.57	35745.352	41915.348	27.062	28.502	27.976	1.019
11/8/2017 4:00	543600	18.903	17.293	42.58	35739.23	41908.008	27.057	28.497	27.98	1.019
11/8/2017 4:15	544500	18.897	17.294	42.568	35757.512	41928.785	27.072	28.512	27.966	1.019
11/8/2017 4:30	545400	18.898	17.294	42.569	35766.906	41940.035	27.08	28.519	27.959	1.019
11/8/2017 4:45	546300	18.904	17.294	42.584	35750.828	41920.859	27.066	28.506	27.971	1.019
11/8/2017 5:00	547200	18.901	17.294	42.576	35780.055	41955.133	27.091	28.529	27.949	1.019
11/8/2017 5:15	548100	18.902	17.294	42.579	35756.852	41928.246	27.071	28.511	27.967	1.019
11/8/2017 5:30	549000	18.902	17.294	42.578	35735.426	41902.723	27.053	28.494	27.983	1.019
11/8/2017 5:45	549900	18.901	17.294	42.576	35740.137	41908.156	27.057	28.498	27.98	1.019
11/8/2017 6:00	550800	18.897	17.293	42.567	35750.598	41921.242	27.066	28.506	27.972	1.019
11/8/2017 6:15	551700	18.899	17.294	42.572	35781.867	41957.016	27.092	28.531	27.947	1.019
11/8/2017 6:30	552600	18.902	17.294	42.578	35777.129	41951.785	27.088	28.527	27.951	1.019
11/8/2017 6:45	553500	18.903	17.293	42.581	35729.641	41896.59	27.049	28.49	27.988	1.019
11/8/2017 7:00	554400	18.898	17.294	42.569	35767.184	41940.445	27.08	28.52	27.959	1.019
11/8/2017 7:15	555300	18.904	17.294	42.583	35763.613	41935.609	27.077	28.516	27.961	1.019
11/8/2017 7:30	556200	18.9	17.294	42.575	35745.223	41914.211	27.061	28.502	27.976	1.019
11/8/2017 7:45	557100	18.902	17.294	42.578	35752.309	41922.762	27.067	28.507	27.97	1.019
11/8/2017 8:00	558000	18.902	17.294	42.579	35756.918	41928.488	27.071	28.511	27.967	1.019
11/8/2017 8:15	558900	18.901	17.294	42.576	35758.754	41930.338	27.073	28.513	27.965	1.019
11/8/2017 8:30	559800	18.902	17.294	42.578	35773.129	41946.766	27.085	28.524	27.954	1.019
11/8/2017 8:45	560700	18.904	17.294	42.582	35742.414	41911.316	27.059	28.5	27.978	1.019
11/8/2017 9:00	561600	18.902	17.294	42.578	35746.555	41916.016	27.063	28.503	27.975	1.019
11/8/2017 9:15	562500	18.906	17.294	42.587	35734.023	41901.078	27.052	28.493	27.985	1.019
11/8/2017 9:30	563400	18.904	17.293	42.582	35734.313	41902.313	27.053	28.494	27.984	1.019
11/8/2017 9:45	564300	18.9	17.294	42.574	35740.527	41909.031	27.058	28.498	27.979	1.019
11/8/2017 10:00	565200	18.901	17.293	42.576	35753.809	41925.008	27.069	28.509	27.969	1.019
11/8/2017 10:15	566100	18.904	17.294	42.583	35750.598	41921.078	27.066	28.506	27.972	1.019
11/8/2017 10:30	567000	18.9	17.293	42.575	35746.918	41916.848	27.063	28.503	27.974	1.019
11/8/2017 10:45	567900	18.902	17.294	42.578	35752.449	41923.012	27.068	28.508	27.97	1.019
11/8/2017 11:00	568800	18.902	17.292	42.578	35745.965	41916.969	27.063	28.504	27.975	1.019
11/8/2017 11:15	569700	18.901	17.292	42.576	35731.129	41899.328	27.051	28.492	27.987	1.019
11/8/2017 11:30	570600	18.906	17.293	42.588	35760.363	41933.516	27.075	28.515	27.964	1.019
11/8/2017 11:45	571500	18.902	17.293	42.578	35765.535	41939.016	27.079	28.519	27.96	1.019
11/8/2017 12:00	572400	18.903	17.293	42.581	35743.398	41913.293	27.061	28.501	27.977	1.019
11/8/2017 12:15	573300	18.899	17.293	42.572	35750.496	41921.043	27.066	28.506	27.972	1.019
11/8/2017 12:30	574200	18.906	17.293	42.588	35771.051	41945.484	27.084	28.523	27.956	1.019
11/8/2017 12:45	575100	18.906	17.294	42.588	35753.422	41924.227	27.068	28.508	27.969	1.019
11/8/2017 13:00	576000	18.904	17.294	42.584	35752.199	41922.957	27.068	28.508	27.97	1.019
11/8/2017 13:15	576900	18.906	17.293	42.588	35778.75	41954.844	27.09	28.529	27.95	1.019
11/8/2017 13:30	577800	18.902	17.293	42.578	35755.609	41927.867	27.071	28.511	27.968	1.019
11/8/2017 13:45	578700	18.903	17.293	42.581	35788.785	41966.188	27.098	28.537	27.942	1.019
11/8/2017 14:00	579600	18.902	17.293	42.578	35754.133	41925.723	27.069	28.509	27.969	1.019
11/8/2017 14:15	580500	18.908	17.293	42.591	35756.824	41929.039	27.072	28.512	27.967	1.019
11/8/2017 14:30	581400	18.903	17.293	42.58	35753.551	41925.043	27.069	28.509	27.969	1.019
11/8/2017 14:45	582300	18.902	17.293	42.578	35765.223	41938.313	27.079	28.518	27.96	1.019
11/8/2017 15:00	583200	18.902	17.293	42.578	35758.32	41930.555	27.073	28.513	27.966	1.019
11/8/2017 15:15	584100	18.902	17.293	42.578	35760.504	41932.859	27.075	28.514	27.964	1.019
11/8/2017 15:30	585000	18.904	17.294	42.583	35775.645	41950.281	27.087	28.526	27.952	1.019
11/8/2017 15:45	585900	18.902	17.294	42.578	35772.969	41946.988	27.085	28.524	27.954	1.019
11/8/2017 16:00	586800	18.901	17.293	42.576	35746.125	41916.09	27.063	28.503	27.975	1.019
11/8/2017 16:15	587700	18.905	17.294	42.585	35775.098	41949.406	27.086	28.526	27.952	1.019
11/8/2017 16:30	588600	18.9	17.293	42.574	35748.859	41919.461	27.065	28.505	27.973	1.019
11/8/2017 16:45	589500	18.901	17.293	42.576	35776.484	41951.691	27.088	28.527	27.951	1.019
11/8/2017 17:00	590400	18.902	17.294	42.579	35774.93	41949.285	27.086	28.526	27.953	1.019
11/8/2017 17:15	591300	18.903	17.293	42.58	35760.859	41933.699	27.075	28.515	27.964	1.019
11/8/2017 17:30	592200	18.904	17.293	42.584	35793.934	41972.152	27.103	28.541	27.938	1.019
11/8/2017 17:45	593100	18.902	17.292	42.578	35761.215	41934.684	27.076	28.516	27.963	1.019
11/8/2017 18:00	594000	18.906	17.292	42.587	35753.898	41926.441	27.07	28.51	27.969	1.019
11/8/2017 18:15	594900	18.902	17.291	42.578	35778.27	41955.504	27.091	28.53	27.95	1.019
11/8/2017 18:30	595800	18.899	17.292	42.572	35759.621	41932.813	27.075	28.514	27.965	1.019
11/8/2017 18:45	596700	18.904	17.292	42.584	35756.066	41929.309	27.072	28.512	27.967	1.019
11/8/2017 19:00	597600	18.903	17.292	42.581	35782.207	41959.789	27.094	28.533	27.947	1.019
11/8/2017 19:15	598500	18.905	17.291	42.586	35776.414	41953.668	27.089	28.528	27.951	1.019
11/8/2017 19:30	599400	18.908	17.292	42.593	35781.898	41959.523	27.094	28.532	27.947	1.019
11/8/2017 19:45	600300	18.905	17.291	42.586	35805.902	41988.734	27.114	28.552	27.928	1.019
11/8/2017 20:00	601200	18.908	17.292	42.592	35795.668	41975.574	27.105	28.543	27.936	1.019
11/8/2017 20:15	602100	18.906	17.292	42.588	35814.043	41997.051	27.12	28.558	27.922	1.019
11/8/2017 20:30	603000	18.908	17.293	42.592	35785.48	41962.313	27.096	28.534	27.944	1.019
11/8/2017 20:45	603900	18.908	17.293	42.592	35807.504	41987				

Report Date: 11/10/2017 8:40
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_2017-11-09_17-54-35-329.wsl
Create Date: 11/9/2017 17:54

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 19:02 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

Log Data:
Record Count: 756

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

Time Zone: Pacific Daylight Time/Pacific Standard Time

Date and Time	Elapsed Time Seconds	Sensor: PCTD(G) 692ft SN#: 483442 Pressure (PSI)	Sensor: PCTD(G) 692ft SN#: 483442 Temperature (C)	Sensor: PCTD(G) 692ft SN#: 483442 Depth (ft)	Sensor: PCTD(G) 692ft SN#: 483442 Actual Conductivity (µS/cm)	Sensor: PCTD(G) 692ft SN#: 483442 Specific Conductivity (µS/cm)	Sensor: PCTD(G) 692ft SN#: 483442 Salinity (PSU)	Sensor: PCTD(G) 692ft SN#: 483442 Total Dissolved Solids (ppt)	Sensor: PCTD(G) 692ft SN#: 483442 Resistivity (ohm-cm)	Sensor: PCTD(G) 692ft SN#: 483442 Water Density (g/cm3)	
11/2/2017 0:00	7200	120.253	20.396	270.881	38292.688	41984.57		27.241	28.55	26.115	1.019
11/2/2017 0:15	8100	120.235	20.396	270.84	38294.727	41987.113		27.242	28.551	26.113	1.019
11/2/2017 0:30	9000	120.228	20.395	270.826	38313.953	42008.43		27.258	28.566	26.1	1.019
11/2/2017 0:45	9900	120.214	20.397	270.793	38280.762	41970.797		27.231	28.54	26.123	1.019
11/2/2017 1:00	10800	120.198	20.395	270.758	38298.043	41990.984		27.245	28.554	26.111	1.019
11/2/2017 1:15	11700	120.169	20.396	270.693	38325.367	42020.789		27.267	28.574	26.092	1.019
11/2/2017 1:30	12600	120.152	20.394	270.654	38313.949	42009.648		27.259	28.567	26.1	1.019
11/2/2017 1:45	13500	120.138	20.397	270.622	38307.57	42000.43		27.252	28.56	26.105	1.019
11/2/2017 2:00	14400	120.121	20.395	270.583	38287.465	41979.387		27.237	28.546	26.118	1.019
11/2/2017 2:15	15300	120.103	20.397	270.543	38294.055	41985.223		27.241	28.55	26.114	1.019
11/2/2017 2:30	16200	120.084	20.395	270.5	38278.75	41970.68		27.23	28.54	26.124	1.019
11/2/2017 2:45	17100	120.07	20.395	270.469	38304.219	41998.605		27.251	28.559	26.107	1.019
11/2/2017 3:00	18000	120.055	20.394	270.436	38265.605	41956.566		27.22	28.53	26.133	1.019
11/2/2017 3:15	18900	120.043	20.395	270.408	38291.527	41984.07		27.24	28.549	26.115	1.019
11/2/2017 3:30	19800	120.037	20.393	270.395	38286.016	41979.719		27.237	28.546	26.119	1.019
11/2/2017 3:45	20700	120.022	20.394	270.362	38307.156	42002.281		27.253	28.562	26.105	1.019
11/2/2017 4:00	21600	120.027	20.396	270.372	38266.492	41956.238		27.22	28.53	26.133	1.019
11/2/2017 4:15	22500	120.019	20.394	270.355	38312.25	42008.254		27.257	28.566	26.101	1.019
11/2/2017 4:30	23400	120.019	20.394	270.355	38261.883	41952.414		27.217	28.528	26.136	1.019
11/2/2017 4:45	24300	120.02	20.394	270.357	38297.305	41991.398		27.245	28.554	26.111	1.019
11/2/2017 5:00	25200	120.021	20.396	270.359	38287.527	41979.059		27.237	28.546	26.118	1.019
11/2/2017 5:15	26100	120.029	20.395	270.378	38311.512	42006.055		27.256	28.564	26.102	1.019
11/2/2017 5:30	27000	120.041	20.395	270.405	38297.961	41991.051		27.245	28.554	26.111	1.019
11/2/2017 5:45	27900	120.055	20.394	270.436	38306.168	42001.117		27.252	28.561	26.105	1.019
11/2/2017 6:00	28800	120.075	20.396	270.482	38279.898	41971.012		27.231	28.54	26.123	1.019
11/2/2017 6:15	29700	120.089	20.393	270.512	38292.395	41987.094		27.242	28.551	26.115	1.019
11/2/2017 6:30	30600	120.103	20.394	270.543	38293.371	41986.863		27.242	28.551	26.114	1.019
11/2/2017 6:45	31500	120.133	20.393	270.612	38322.906	42020.168		27.266	28.574	26.094	1.019
11/2/2017 7:00	32400	120.138	20.396	270.624	38274.945	41965.582		27.227	28.537	26.127	1.019
11/2/2017 7:15	33300	120.164	20.397	270.682	38311.027	42004.148		27.255	28.563	26.102	1.019
11/2/2017 7:30	34200	120.187	20.397	270.734	38267.621	41956.473		27.22	28.53	26.132	1.019
11/2/2017 7:45	35100	120.218	20.395	270.802	38268.891	41959.48		27.222	28.532	26.131	1.019
11/2/2017 8:00	36000	120.243	20.395	270.858	38301.469	41994.973		27.248	28.557	26.109	1.019
11/2/2017 8:15	36900	120.265	20.395	270.909	38294.633	41987.402		27.243	28.551	26.113	1.019
11/2/2017 8:30	37800	120.288	20.394	270.962	38267.961	41959.152		27.222	28.532	26.132	1.019
11/2/2017 8:45	38700	120.307	20.393	271.003	38294.008	41988.48		27.243	28.552	26.114	1.019
11/2/2017 9:00	39600	120.327	20.393	271.049	38316.891	42013.953		27.262	28.569	26.098	1.019
11/2/2017 9:15	40500	120.347	20.395	271.094	38307.93	42002.672		27.253	28.562	26.104	1.019
11/2/2017 9:30	41400	120.362	20.395	271.127	38314.152	42008.723		27.258	28.566	26.1	1.019
11/2/2017 9:45	42300	120.371	20.398	271.148	38342.238	42037.441		27.279	28.585	26.081	1.019
11/2/2017 10:00	43200	120.386	20.396	271.181	38324.223	42019.293		27.266	28.573	26.093	1.019
11/2/2017 10:15	44100	120.393	20.396	271.196	38302.664	41995.438		27.248	28.557	26.108	1.019
11/2/2017 10:30	45000	120.404	20.394	271.221	38313.633	42009.688		27.259	28.567	26.1	1.019
11/2/2017 10:45	45900	120.406	20.397	271.226	38305.125	41997.129		27.25	28.558	26.106	1.019
11/2/2017 11:00	46800	120.407	20.397	271.229	38351.352	42048.273		27.286	28.593	26.075	1.019
11/2/2017 11:15	47700	120.382	20.395	271.171	38333.402	42029.828		27.273	28.58	26.087	1.019
11/2/2017 11:30	48600	120.393	20.395	271.198	38315.664	42010.605		27.259	28.567	26.099	1.019
11/2/2017 11:45	49500	120.39	20.396	271.191	38284.711	41975.824		27.234	28.544	26.12	1.019
11/2/2017 12:00	50400	120.379	20.395	271.165	38322.719	42018.195		27.265	28.572	26.094	1.019
11/2/2017 12:15	51300	120.359	20.396	271.121	38325.105	42020.262		27.266	28.574	26.093	1.019
11/2/2017 12:30	52200	120.346	20.396	271.091	38317.957	42012.586		27.261	28.569	26.097	1.019
11/2/2017 12:45	53100	120.317	20.395	271.027	38281.848	41974.074		27.233	28.542	26.122	1.019
11/2/2017 13:00	54000	120.3	20.396	270.987	38308.398	42001.492		27.253	28.561	26.104	1.019
11/2/2017 13:15	54900	120.273	20.397	270.926	38339.168	42034.684		27.277	28.584	26.083	1.019
11/2/2017 13:30	55800	120.25	20.397	270.875	38332.496	42027.836		27.272	28.579	26.088	1.019
11/2/2017 13:45	56700	120.228	20.398	270.825	38306.332	41997.684		27.25	28.558	26.105	1.019
11/2/2017 14:00	57600	120.206	20.396	270.777	38284.93	41976.453		27.235	28.544	26.12	1.019
11/2/2017 14:15	58500	120.181	20.396	270.719	38334.543	42030.609		27.274	28.581	26.086	1.019
11/2/2017 14:30	59400	120.154	20.398	270.658	38311.383	42002.996		27.254	28.562	26.102	1.019
11/2/2017 14:45	60300	120.125	20.398	270.592	38315.207	42007.414		27.257	28.565	26.099	1.019
11/2/2017 15:00	61200	120.107	20.396	270.552	38307.344	42000.41		27.252	28.56	26.105	1.019
11/2/2017 15:15	62100	120.078	20.395	270.487	38307.359	42001.961		27.253	28.561	26.105	1.019
11/2/2017 15:30	63000	120.053	20.395	270.432	38316.676	42011.953		27.26	28.568	26.098	1.019
11/2/2017 15:45	63900	120.035	20.397	270.391	38315.027	42008.605		27.258	28.566	26.099	1.019
11/2/2017 16:00	64800	120.029	20.396	270.378	38311.781	42005.813		27.256	28.564	26.102	1.019
11/2/2017 16:15	65700	120.003	20.398	270.319	38311.133	42002.793		27.254	28.562	26.102	1.019
11/2/2017 16:30	66600	119.993	20.396	270.296	38325.746	42020.586		27.266	28.574	26.092	1.019
11/2/2017 16:45	67500	119.985	20.396	270.279	38298.855	41991.031		27.245	28.554	26.11	1.019
11/2/2017 17:00	68400	119.98	20.396	270.267	38283.086	41973.898		27.233	28.542	26.121	1.019
11/2/2017 17:15	69300	119.972	20.397	270.248	38313.105	42005.957		27.256	28.564	26.101	1.019
11/2/2017 17:30	70200	119.972	20.397	270.248	38292.398	41983.48		27.24	28.549	26.115	1.019
11/2/2017 17:45	71100	119.981	20.396	270.268	38259.852	41948.422		27.214	28.525	26.137	1.019
11/2/2017 18:00	72000	119.974	20.397	270.252	38308.578	42001.379		27.253	28.561	26.104	1.019

11/3/2017 0:15	94500	120.273	20.395	270.926	38260.727	41950.68	27.216	28.526	26.136	1.019
11/3/2017 0:30	95400	120.266	20.397	270.911	38297.18	41988.797	27.244	28.552	26.112	1.019
11/3/2017 0:45	96300	120.262	20.394	270.901	38291.902	41985.254	27.241	28.55	26.115	1.019
11/3/2017 1:00	97200	120.246	20.394	270.865	38286.91	41979.855	27.237	28.546	26.119	1.019
11/3/2017 1:15	98100	120.231	20.395	270.831	38255.969	41945.539	27.212	28.523	26.14	1.019
11/3/2017 1:30	99000	120.219	20.394	270.804	38276.488	41968.574	27.229	28.539	26.126	1.019
11/3/2017 1:45	99900	120.206	20.397	270.777	38270.105	41958.813	27.222	28.532	26.13	1.019
11/3/2017 2:00	100800	120.183	20.396	270.724	38264.832	41954.418	27.219	28.529	26.134	1.019
11/3/2017 2:15	101700	120.164	20.394	270.682	38276.012	41968.051	27.229	28.538	26.126	1.019
11/3/2017 2:30	102600	120.146	20.397	270.641	38266.398	41955.363	27.219	28.53	26.133	1.019
11/3/2017 2:45	103500	120.136	20.396	270.618	38270.66	41960.566	27.223	28.533	26.13	1.019
11/3/2017 3:00	104400	120.117	20.395	270.575	38270.984	41961.691	27.224	28.534	26.129	1.019
11/3/2017 3:15	105300	120.107	20.393	270.552	38285.77	41979.984	27.237	28.546	26.119	1.019
11/3/2017 3:30	106200	120.091	20.392	270.517	38268.016	41961.359	27.224	28.534	26.131	1.019
11/3/2017 3:45	107100	120.074	20.394	270.478	38267.668	41959.137	27.222	28.532	26.132	1.019
11/3/2017 4:00	108000	120.078	20.391	270.487	38263	41956.402	27.22	28.53	26.135	1.019
11/3/2017 4:15	108900	120.063	20.393	270.453	38275.59	41968.742	27.229	28.539	26.126	1.019
11/3/2017 4:30	109800	120.053	20.392	270.431	38256.004	41947.809	27.214	28.525	26.14	1.019
11/3/2017 4:45	110700	120.052	20.392	270.428	38294.672	41990.289	27.244	28.553	26.113	1.019
11/3/2017 5:00	111600	120.053	20.393	270.431	38254.32	41945.656	27.212	28.523	26.141	1.019
11/3/2017 5:15	112500	120.058	20.389	270.441	38252.836	41947.555	27.214	28.524	26.142	1.019
11/3/2017 5:30	113400	120.062	20.391	270.451	38262.926	41956.633	27.22	28.531	26.135	1.019
11/3/2017 5:45	114300	120.064	20.392	270.456	38271.578	41965.266	27.226	28.536	26.129	1.019
11/3/2017 6:00	115200	120.079	20.391	270.49	38249.375	41941.848	27.21	28.52	26.144	1.019
11/3/2017 6:15	116100	120.094	20.392	270.523	38289.344	41984.746	27.24	28.55	26.117	1.019
11/3/2017 6:30	117000	120.102	20.391	270.541	38295.266	41991.469	27.245	28.554	26.113	1.019
11/3/2017 6:45	117900	120.122	20.393	270.585	38277.023	41970.008	27.23	28.54	26.125	1.019
11/3/2017 7:00	118800	120.145	20.393	270.639	38246.379	41936.406	27.206	28.517	26.146	1.019
11/3/2017 7:15	119700	120.161	20.393	270.675	38303.941	41999.227	27.251	28.559	26.107	1.019
11/3/2017 7:30	120600	120.183	20.395	270.724	38267.992	41958.797	27.222	28.532	26.131	1.019
11/3/2017 7:45	121500	120.211	20.395	270.787	38280.348	41971.883	27.231	28.541	26.123	1.019
11/3/2017 8:00	122400	120.227	20.394	270.822	38287.277	41980.711	27.238	28.547	26.118	1.019
11/3/2017 8:15	123300	120.263	20.394	270.905	38272.668	41964.387	27.226	28.536	26.128	1.019
11/3/2017 8:30	124200	120.282	20.393	270.948	38271.641	41964.184	27.226	28.536	26.129	1.019
11/3/2017 8:45	125100	120.311	20.393	271.013	38288.078	41981.98	27.239	28.548	26.118	1.019
11/3/2017 9:00	126000	120.342	20.393	271.082	38307.891	42004.32	27.255	28.563	26.104	1.019
11/3/2017 9:15	126900	120.355	20.392	271.112	38258.844	41951.223	27.216	28.527	26.138	1.019
11/3/2017 9:30	127800	120.372	20.393	271.15	38271.91	41964.25	27.226	28.536	26.129	1.019
11/3/2017 9:45	128700	120.401	20.394	271.214	38311.617	42007.02	27.257	28.565	26.102	1.019
11/3/2017 10:00	129600	120.424	20.393	271.266	38262.27	41953.68	27.218	28.529	26.135	1.019
11/3/2017 10:15	130500	120.441	20.393	271.306	38273.449	41965.789	27.227	28.537	26.128	1.019
11/3/2017 10:30	131400	120.448	20.396	271.32	38280.129	41970.73	27.231	28.54	26.123	1.019
11/3/2017 10:45	132300	120.452	20.395	271.33	38330.504	42026.73	27.271	28.578	26.089	1.019
11/3/2017 11:00	133200	120.462	20.395	271.352	38289.012	41981.621	27.238	28.548	26.117	1.019
11/3/2017 11:15	134100	120.462	20.394	271.352	38279.609	41972.383	27.232	28.541	26.124	1.019
11/3/2017 11:30	135000	120.466	20.395	271.36	38303.906	41998.172	27.25	28.559	26.107	1.019
11/3/2017 11:45	135900	120.464	20.395	271.357	38293.027	41986.246	27.242	28.551	26.114	1.019
11/3/2017 12:00	136800	120.458	20.395	271.345	38291.289	41983.809	27.24	28.549	26.116	1.019
11/3/2017 12:15	137700	120.443	20.396	271.309	38295.617	41988.246	27.243	28.552	26.113	1.019
11/3/2017 12:30	138600	120.432	20.397	271.284	38298.871	41990.434	27.245	28.553	26.11	1.019
11/3/2017 12:45	139500	120.419	20.397	271.256	38276.371	41965.68	27.227	28.537	26.126	1.019
11/3/2017 13:00	140400	120.396	20.397	271.205	38305.738	41998.496	27.251	28.559	26.106	1.019
11/3/2017 13:15	141300	120.379	20.396	271.165	38302.488	41995.012	27.248	28.557	26.108	1.019
11/3/2017 13:30	142200	120.351	20.395	271.101	38305.863	41999.789	27.251	28.56	26.106	1.019
11/3/2017 13:45	143100	120.335	20.398	271.066	38294.063	41984.535	27.241	28.549	26.114	1.019
11/3/2017 14:00	144000	120.303	20.397	270.994	38270.184	41959.125	27.222	28.532	26.13	1.019
11/3/2017 14:15	144900	120.276	20.397	270.934	38281.316	41971.258	27.231	28.54	26.122	1.019
11/3/2017 14:30	145800	120.246	20.396	270.867	38341.184	42038.051	27.279	28.586	26.082	1.019
11/3/2017 14:45	146700	120.219	20.395	270.806	38272.727	41964.074	27.226	28.536	26.128	1.019
11/3/2017 15:00	147600	120.182	20.394	270.722	38295.277	41988.875	27.244	28.552	26.113	1.019
11/3/2017 15:15	148500	120.143	20.395	270.635	38286.848	41979.559	27.237	28.546	26.119	1.019
11/3/2017 15:30	149400	120.122	20.395	270.587	38291.121	41983.695	27.24	28.549	26.116	1.019
11/3/2017 15:45	150300	120.1	20.394	270.537	38272.805	41964.313	27.226	28.536	26.128	1.019
11/3/2017 16:00	151200	120.074	20.393	270.478	38268.129	41960.105	27.223	28.533	26.131	1.019
11/3/2017 16:15	152100	120.048	20.395	270.421	38288.902	41980.961	27.238	28.547	26.117	1.019
11/3/2017 16:30	153000	120.036	20.393	270.394	38272.836	41965.648	27.227	28.537	26.128	1.019
11/3/2017 16:45	153900	120.018	20.394	270.352	38304.578	41999.531	27.251	28.56	26.107	1.019
11/3/2017 17:00	154800	119.987	20.395	270.283	38295.762	41989.242	27.244	28.553	26.113	1.019
11/3/2017 17:15	155700	119.991	20.394	270.291	38258.082	41948.32	27.214	28.525	26.138	1.019
11/3/2017 17:30	156600	119.97	20.394	270.245	38276.199	41968.727	27.229	28.539	26.126	1.019
11/3/2017 17:45	157500	119.956	20.394	270.213	38276.047	41968.477	27.229	28.539	26.126	1.019
11/3/2017 18:00	158400	119.954	20.393	270.209	38271.828	41964.086	27.226	28.536	26.129	1.019
11/3/2017 18:15	159300	119.949	20.393	270.197	38286.762	41980.535	27.238	28.547	26.119	1.019
11/3/2017 18:30	160200	119.959	20.392	270.22	38293.5	41989.152	27.244	28.553	26.114	1.019
11/3/2017 18:45	161100	119.964	20.392	270.23	38265.094	41957.613	27.221	28.531	26.133	1.019
11/3/2017 19:00	162000	119.97	20.394	270.243	38272.723	41964.371	27.226	28.536	26.128	1.019
11/3/2017 19:15	162900	119.986	20.395	270.281	38258.152	41948.008	27.214	28.525	26.138	1.019
11/3/2017 19:30	163800	119.994	20.392	270.298	38295.477	41990.855	27.245	28.554	26.113	1.019
11/3/2017 19:45	164700	120.01	20.394	270.334	38289.762	41983.129	27.239	28.549	26.117	1.019
11/3/2017 20:00	165600	120.027	20.394	270.372	38286.309	41979.813	27.237	28.546	26.119	1.019
11/3/2017 20:15	166500	120.052	20.391	270.428	38258.027	41950.711	27.216	28.526	26.138	1.019
11/3/2017 20:30	167400	120.072	20.391	270.473	38271.176	41965.441	27.227	28.537	26.129	1.019
11/3/2017 20:45	168300	120.09	20.393	270.515	38271.289	41964.105	27.226	28.536	26.129	1.019
11/3/2017 21:00	169200	120.113	20.393	270.567	38296.27	41991.652	27.245	28.554	26.112	1.019
11/3/2017 21:15	170100	120.133	20.392	270.612	38271.031	41964.441	27.226	28.536	26.129	1.019
11/3/2017 21:30	171000	120.154	20.39	270.659	38260.371	41954.359	27.219	28.529	26.137	1.019
11/3/2017 21:45	171900	120.18	20.394	270.718	38269.949	41961.563	27.224	28.534	26.13	1.019
11/3/2017 22:00	172800	120.198	20.393	270.758	38286.215	41979.938	27.237	28.546	26.119	1.019
11/3/2017 22:15	173700	120.223	20.395	270						

11/4/2017 20:45	254700	120.036	20.392	270.394	38267.211	41960.324	27.223	28.533	26.132	1.019
11/4/2017 21:00	255600	120.051	20.391	270.426	38284.281	41979.57	27.237	28.546	26.12	1.019
11/4/2017 21:15	256500	120.065	20.391	270.458	38264.449	41957.906	27.221	28.531	26.134	1.019
11/4/2017 21:30	257400	120.091	20.392	270.517	38298.445	41994.809	27.248	28.556	26.111	1.019
11/4/2017 21:45	258300	120.116	20.39	270.574	38278.824	41974.367	27.233	28.543	26.124	1.019
11/4/2017 22:00	259200	120.136	20.39	270.618	38271.301	41966.582	27.227	28.537	26.129	1.019
11/4/2017 22:15	260100	120.159	20.391	270.669	38289.156	41985.613	27.241	28.55	26.117	1.019
11/4/2017 22:30	261000	120.187	20.393	270.734	38308.406	42004.723	27.255	28.563	26.104	1.019
11/4/2017 22:45	261900	120.211	20.392	270.786	38298.266	41994.613	27.248	28.556	26.111	1.019
11/4/2017 23:00	262800	120.228	20.392	270.825	38275.719	41969.348	27.229	28.539	26.126	1.019
11/4/2017 23:15	263700	120.238	20.392	270.849	38271.762	41965.469	27.227	28.537	26.129	1.019
11/4/2017 23:30	264600	120.254	20.39	270.883	38298.461	41995.898	27.248	28.557	26.111	1.019
11/4/2017 23:45	265500	120.285	20.393	270.954	38277.004	41970.371	27.23	28.54	26.125	1.019
11/5/2017 0:00	266400	120.29	20.393	270.966	38283.605	41977.383	27.235	28.545	26.121	1.019
11/5/2017 0:15	267300	120.313	20.393	271.016	38299.762	41994.789	27.248	28.556	26.11	1.019
11/5/2017 0:30	268200	120.317	20.394	271.027	38291.074	41984.492	27.24	28.549	26.116	1.019
11/5/2017 0:45	269100	120.329	20.393	271.053	38267.402	41959.926	27.223	28.533	26.132	1.019
11/5/2017 1:00	270000	120.319	20.392	271.031	38296.852	41992.52	27.246	28.555	26.112	1.019
11/5/2017 1:15	270900	120.332	20.393	271.059	38301.125	41996.82	27.249	28.558	26.109	1.019
11/5/2017 1:30	271800	120.336	20.393	271.069	38302.859	41998.414	27.25	28.559	26.108	1.019
11/5/2017 1:45	272700	120.335	20.395	271.066	38273.563	41964.602	27.226	28.536	26.128	1.019
11/5/2017 2:00	273600	120.327	20.395	271.049	38270.758	41961.371	27.224	28.534	26.13	1.019
11/5/2017 2:15	274500	120.327	20.393	271.049	38287.109	41980.77	27.238	28.547	26.118	1.019
11/5/2017 2:30	275400	120.317	20.394	271.027	38334.078	42031.719	27.274	28.582	26.086	1.019
11/5/2017 2:45	276300	120.301	20.393	270.989	38302.992	41998.641	27.251	28.559	26.108	1.019
11/5/2017 2:00	277200	120.295	20.391	270.977	38301.625	41998.516	27.25	28.559	26.109	1.019
11/5/2017 2:15	278100	120.293	20.394	270.972	38271.594	41963.676	27.225	28.535	26.129	1.019
11/5/2017 2:30	279000	120.271	20.393	270.922	38296.906	41991.586	27.245	28.554	26.112	1.019
11/5/2017 2:45	279900	120.253	20.391	270.881	38290.398	41986.363	27.242	28.551	26.116	1.019
11/5/2017 3:00	280800	120.235	20.393	270.842	38307.211	42003.105	27.254	28.562	26.105	1.019
11/5/2017 3:15	281700	120.23	20.392	270.83	38282.664	41977.504	27.235	28.545	26.121	1.019
11/5/2017 3:30	282600	120.221	20.393	270.809	38287.227	41981.582	27.238	28.547	26.118	1.019
11/5/2017 3:45	283500	120.218	20.393	270.802	38299.656	41994.602	27.248	28.556	26.11	1.019
11/5/2017 4:00	284400	120.204	20.393	270.771	38329.867	42027.652	27.271	28.579	26.089	1.019
11/5/2017 4:15	285300	120.187	20.393	270.734	38278.543	41971.449	27.231	28.541	26.124	1.019
11/5/2017 4:30	286200	120.191	20.39	270.743	38277.027	41972.625	27.232	28.541	26.125	1.019
11/5/2017 4:45	287100	120.186	20.392	270.73	38302.324	41998.598	27.25	28.559	26.108	1.019
11/5/2017 5:00	288000	120.187	20.39	270.734	38254.145	41947.613	27.214	28.524	26.141	1.019
11/5/2017 5:15	288900	120.178	20.391	270.713	38267.582	41961.887	27.224	28.534	26.132	1.019
11/5/2017 5:30	289800	120.188	20.391	270.735	38301.371	41998.238	27.25	28.559	26.109	1.019
11/5/2017 5:45	290700	120.196	20.393	270.753	38272.09	41964.449	27.226	28.536	26.129	1.019
11/5/2017 6:00	291600	120.19	20.394	270.74	38290.055	41983.609	27.24	28.549	26.116	1.019
11/5/2017 6:15	292500	120.205	20.393	270.774	38297.426	41992.922	27.246	28.555	26.111	1.019
11/5/2017 6:30	293400	120.23	20.393	270.83	38277.535	41970.727	27.23	28.54	26.125	1.019
11/5/2017 6:45	294300	120.23	20.394	270.83	38286.305	41979.645	27.237	28.546	26.119	1.019
11/5/2017 7:00	295200	120.259	20.392	270.894	38271.195	41964.23	27.226	28.536	26.129	1.019
11/5/2017 7:15	296100	120.259	20.395	270.894	38296.746	41989.719	27.244	28.553	26.112	1.019
11/5/2017 7:30	297000	120.286	20.395	270.957	38305.699	41999.68	27.251	28.56	26.106	1.019
11/5/2017 7:45	297900	120.304	20.395	270.997	38281.867	41974.098	27.233	28.542	26.122	1.019
11/5/2017 8:00	298800	120.338	20.394	271.073	38263.074	41954.027	27.218	28.529	26.135	1.019
11/5/2017 8:15	299700	120.361	20.394	271.126	38261.496	41952.605	27.217	28.528	26.136	1.019
11/5/2017 8:30	300600	120.386	20.394	271.182	38294.574	41988.563	27.243	28.552	26.113	1.019
11/5/2017 8:45	301500	120.412	20.39	271.24	38281.148	41976.98	27.235	28.544	26.123	1.019
11/5/2017 9:00	302400	120.434	20.39	271.289	38270.855	41966.012	27.227	28.537	26.13	1.019
11/5/2017 9:15	303300	120.459	20.39	271.347	38299.848	41997.488	27.25	28.558	26.11	1.019
11/5/2017 9:30	304200	120.488	20.391	271.411	38284.371	41979.91	27.237	28.546	26.12	1.019
11/5/2017 9:45	305100	120.501	20.391	271.441	38286.203	41981.68	27.238	28.548	26.119	1.019
11/5/2017 10:00	306000	120.521	20.394	271.485	38306.551	42001.77	27.253	28.561	26.105	1.019
11/5/2017 10:15	306900	120.543	20.392	271.535	38284.973	41979.875	27.237	28.546	26.12	1.019
11/5/2017 10:30	307800	120.56	20.392	271.573	38296.641	41992.129	27.246	28.555	26.112	1.019
11/5/2017 10:45	308700	120.576	20.393	271.609	38299.098	41993.988	27.247	28.556	26.11	1.019
11/5/2017 11:00	309600	120.581	20.394	271.62	38284.246	41977.238	27.235	28.545	26.12	1.019
11/5/2017 11:15	310500	120.588	20.395	271.636	38264.746	41954.777	27.219	28.529	26.134	1.019
11/5/2017 11:30	311400	120.588	20.394	271.636	38311.066	42006.566	27.256	28.564	26.102	1.019
11/5/2017 11:45	312300	120.596	20.397	271.655	38309.484	42002.605	27.254	28.562	26.103	1.019
11/5/2017 12:00	313200	120.581	20.396	271.62	38304.262	41997.488	27.25	28.558	26.107	1.019
11/5/2017 12:15	314100	120.569	20.394	271.593	38308.898	42003.887	27.254	28.563	26.104	1.019
11/5/2017 12:30	315000	120.565	20.394	271.584	38319.805	42015.848	27.263	28.571	26.096	1.019
11/5/2017 12:45	315900	120.554	20.396	271.559	38314.102	42008.121	27.257	28.566	26.1	1.019
11/5/2017 13:00	316800	120.533	20.397	271.512	38309.059	42001.441	27.253	28.561	26.103	1.019
11/5/2017 13:15	317700	120.518	20.397	271.478	38299.734	41991.219	27.245	28.554	26.11	1.019
11/5/2017 13:30	318600	120.492	20.396	271.42	38332.258	42027.953	27.272	28.579	26.088	1.019
11/5/2017 13:45	319500	120.469	20.395	271.367	38285.219	41977.609	27.235	28.545	26.12	1.019
11/5/2017 14:00	320400	120.44	20.398	271.303	38279.598	41968.992	27.229	28.539	26.124	1.019
11/5/2017 14:15	321300	120.399	20.395	271.21	38294.23	41987.652	27.243	28.552	26.114	1.019
11/5/2017 14:30	322200	120.384	20.394	271.176	38321.582	42017.945	27.264	28.572	26.095	1.019
11/5/2017 14:45	323100	120.354	20.393	271.109	38283.684	41977.012	27.235	28.544	26.121	1.019
11/5/2017 15:00	324000	120.315	20.393	271.022	38270.121	41962.746	27.225	28.535	26.13	1.019
11/5/2017 15:15	324900	120.281	20.393	270.945	38282.82	41976.363	27.234	28.544	26.121	1.019
11/5/2017 15:30	325800	120.248	20.393	270.87	38345.277	42044.547	27.284	28.59	26.079	1.019
11/5/2017 15:45	326700	120.214	20.397	270.793	38314.152	42007.188	27.257	28.565	26.1	1.019
11/5/2017 16:00	327600	120.183	20.396	270.724	38273.023	41963.32	27.225	28.535	26.128	1.019
11/5/2017 16:15	328500	120.142	20.394	270.631	38286.215	41979.707	27.237	28.546	26.119	1.019
11/5/2017 16:30	329400	120.121	20.394	270.583	38290.32	41984.211	27.24	28.549	26.116	1.019
11/5/2017 16:45	330300	120.094	20.392	270.523	38292.473	41988.023	27.243	28.552	26.115	1.019
11/5/2017 17:00	331200	120.069	20.393	270.467	38310.734	42006.969	27.257	28.565	26.102	1.019
11/5/2017 17:15	332100	120.052	20.393	270.428	38276.438	41969.441	27.229	28.539	26.126	1.019
11/5/2017 17:30	333000	120.025	20.393	270.369	38270.547	42028.473	27.272	28.579	26.089	1.019
11/5/2017 17:45	333900	120.011	20.393	270.336						

11/6/2017 16:15	414900	120.317	20.392	271.025	38310.246	42007.363	27.257	28.565	26.103	1.019
11/6/2017 16:30	415800	120.276	20.393	270.934	38279.793	41973.043	27.232	28.542	26.123	1.019
11/6/2017 16:45	416700	120.244	20.392	270.862	38298.551	41994.926	27.248	28.557	26.111	1.019
11/6/2017 17:00	417600	120.21	20.393	270.784	38285.313	41978.871	27.236	28.546	26.12	1.019
11/6/2017 17:15	418500	120.182	20.394	270.722	38311.105	42006.531	27.256	28.564	26.102	1.019
11/6/2017 17:30	419400	120.151	20.395	270.652	38331.461	42027.625	27.272	28.579	26.088	1.019
11/6/2017 17:45	420300	120.139	20.394	270.626	38309.34	42004.754	27.255	28.563	26.103	1.019
11/6/2017 18:00	421200	120.101	20.392	270.539	38327.449	42026.449	27.271	28.578	26.091	1.019
11/6/2017 18:15	422100	120.077	20.391	270.484	38304.82	42002.57	27.253	28.562	26.106	1.019
11/6/2017 18:30	423000	120.058	20.394	270.441	38280.711	41973.203	27.232	28.542	26.123	1.019
11/6/2017 18:45	423900	120.048	20.393	270.421	38288.098	41982.535	27.239	28.548	26.118	1.019
11/6/2017 19:00	424800	120.028	20.39	270.376	38297.293	41994.621	27.248	28.556	26.112	1.019
11/6/2017 19:15	425700	120.013	20.392	270.342	38306.563	42003.086	27.254	28.562	26.105	1.019
11/6/2017 19:30	426600	120.014	20.392	270.343	38297.215	41992.918	27.246	28.555	26.112	1.019
11/6/2017 19:45	427500	120.007	20.394	270.327	38295.215	41989.414	27.244	28.553	26.113	1.019
11/6/2017 20:00	428400	120.015	20.394	270.345	38306.668	42001.973	27.253	28.561	26.105	1.019
11/6/2017 20:15	429300	120.003	20.392	270.319	38296.84	41992.348	27.246	28.555	26.112	1.019
11/6/2017 20:30	430200	120.015	20.394	270.345	38301.645	41996.543	27.249	28.558	26.109	1.019
11/6/2017 20:45	431100	120.014	20.392	270.343	38287.867	41983.285	27.239	28.549	26.118	1.019
11/6/2017 21:00	432000	120.033	20.393	270.386	38285.16	41979.316	27.237	28.546	26.12	1.019
11/6/2017 21:15	432900	120.053	20.394	270.432	38307.715	42003.047	27.254	28.562	26.104	1.019
11/6/2017 21:30	433800	120.065	20.394	270.458	38273.031	41964.863	27.226	28.536	26.128	1.019
11/6/2017 21:45	434700	120.075	20.394	270.48	38295.348	41989.488	27.244	28.553	26.113	1.019
11/6/2017 22:00	435600	120.109	20.395	270.558	38275.918	41967.184	27.228	28.538	26.126	1.019
11/6/2017 22:15	436500	120.116	20.396	270.574	38304.461	41997.789	27.25	28.558	26.107	1.019
11/6/2017 22:30	437400	120.138	20.395	270.624	38298.488	41991.773	27.246	28.554	26.111	1.019
11/6/2017 22:45	438300	120.16	20.394	270.671	38258.906	41949.148	27.215	28.525	26.138	1.019
11/6/2017 23:00	439200	120.187	20.392	270.734	38313.16	42010.633	27.259	28.567	26.101	1.019
11/6/2017 23:15	440100	120.201	20.392	270.765	38317.469	42015.434	27.263	28.57	26.098	1.019
11/6/2017 23:30	441000	120.231	20.391	270.831	38308.441	42006.617	27.256	28.565	26.104	1.019
11/6/2017 23:45	441900	120.251	20.39	270.877	38274.887	41970.742	27.23	28.54	26.127	1.019
11/7/2017 0:00	442800	120.271	20.39	270.921	38322.359	42022.488	27.268	28.575	26.094	1.019
11/7/2017 0:15	443700	120.297	20.39	270.982	38295.625	41992.789	27.246	28.555	26.113	1.019
11/7/2017 0:30	444600	120.308	20.392	271.005	38283.578	41978.426	27.236	28.545	26.121	1.019
11/7/2017 0:45	445500	120.323	20.392	271.04	38273.465	41967.109	27.228	28.538	26.128	1.019
11/7/2017 1:00	446400	120.34	20.39	271.077	38288.703	41985.891	27.241	28.55	26.117	1.019
11/7/2017 1:15	447300	120.356	20.39	271.113	38323.227	42023.438	27.268	28.576	26.094	1.019
11/7/2017 1:30	448200	120.366	20.39	271.137	38304.906	42003.586	27.254	28.562	26.106	1.019
11/7/2017 1:45	449100	120.376	20.394	271.16	38320.367	42016.688	27.264	28.571	26.096	1.019
11/7/2017 2:00	450000	120.379	20.392	271.165	38275.566	41969.641	27.23	28.539	26.126	1.019
11/7/2017 2:15	450900	120.386	20.391	271.181	38299.668	41996.996	27.249	28.558	26.11	1.019
11/7/2017 2:30	451800	120.393	20.393	271.196	38315.668	42012.848	27.261	28.569	26.099	1.019
11/7/2017 2:45	452700	120.396	20.391	271.205	38303.785	42001.273	27.252	28.561	26.107	1.019
11/7/2017 3:00	453600	120.395	20.393	271.2	38285.305	41979.395	27.237	28.546	26.12	1.019
11/7/2017 3:15	454500	120.393	20.393	271.196	38316.27	42013.039	27.261	28.569	26.099	1.019
11/7/2017 3:30	455400	120.384	20.394	271.176	38311.609	42007.555	27.257	28.565	26.102	1.019
11/7/2017 3:45	456300	120.382	20.393	271.172	38282.723	41976.797	27.235	28.544	26.121	1.019
11/7/2017 4:00	457200	120.374	20.391	271.154	38280.617	41975.949	27.234	28.544	26.123	1.019
11/7/2017 4:15	458100	120.37	20.393	271.145	38295.965	41991.082	27.245	28.554	26.112	1.019
11/7/2017 4:30	459000	120.36	20.392	271.122	38306.863	42003.73	27.254	28.563	26.105	1.019
11/7/2017 4:45	459900	120.353	20.393	271.107	38312.148	42008.906	27.258	28.566	26.101	1.019
11/7/2017 5:00	460800	120.371	20.393	271.147	38296.402	41991.797	27.246	28.554	26.112	1.019
11/7/2017 5:15	461700	120.329	20.395	271.053	38320.516	42015.781	27.263	28.571	26.096	1.019
11/7/2017 5:30	462600	120.337	20.393	271.07	38290.977	41985.613	27.241	28.55	26.116	1.019
11/7/2017 5:45	463500	120.327	20.392	271.049	38283.969	41978.234	27.236	28.545	26.121	1.019
11/7/2017 6:00	464400	120.315	20.394	271.022	38321.648	42018.559	27.265	28.573	26.095	1.019
11/7/2017 6:15	465300	120.317	20.393	271.025	38270.953	41963.352	27.225	28.535	26.129	1.019
11/7/2017 6:30	466200	120.32	20.394	271.033	38301.27	41995.98	27.249	28.557	26.109	1.019
11/7/2017 6:45	467100	120.314	20.394	271.018	38297.453	41991.723	27.246	28.554	26.111	1.019
11/7/2017 7:00	468000	120.32	20.393	271.033	38286.949	41981.434	27.238	28.547	26.119	1.019
11/7/2017 7:15	468900	120.328	20.391	271.051	38306.609	42004.297	27.255	28.563	26.105	1.019
11/7/2017 7:30	469800	120.336	20.393	271.069	38245.336	41935.039	27.205	28.516	26.147	1.019
11/7/2017 7:45	470700	120.336	20.392	271.069	38309.727	42006.715	27.256	28.565	26.103	1.019
11/7/2017 8:00	471600	120.339	20.39	271.076	38284.285	41980.355	27.237	28.547	26.12	1.019
11/7/2017 8:15	472500	120.349	20.391	271.098	38280.418	41975.418	27.234	28.543	26.123	1.019
11/7/2017 8:30	473400	120.371	20.392	271.148	38270.391	41963.813	27.225	28.535	26.13	1.019
11/7/2017 8:45	474300	120.389	20.393	271.187	38295.605	41990.688	27.245	28.554	26.113	1.019
11/7/2017 9:00	475200	120.418	20.394	271.253	38302.395	41997.449	27.25	28.558	26.108	1.019
11/7/2017 9:15	476100	120.42	20.393	271.257	38335.492	42033.895	27.276	28.583	26.085	1.019
11/7/2017 9:30	477000	120.444	20.391	271.312	38329.785	42029.785	27.273	28.58	26.089	1.019
11/7/2017 9:45	477900	120.457	20.393	271.342	38317.051	42013.895	27.262	28.569	26.098	1.019
11/7/2017 10:00	478800	120.482	20.391	271.399	38295.125	41992.09	27.246	28.555	26.113	1.019
11/7/2017 10:15	479700	120.498	20.391	271.433	38329.676	42029.664	27.273	28.58	26.089	1.019
11/7/2017 10:30	480600	120.522	20.391	271.487	38317.992	42016.777	27.264	28.571	26.097	1.019
11/7/2017 10:45	481500	120.55	20.391	271.551	38304.617	42002.566	27.253	28.562	26.107	1.019
11/7/2017 11:00	482400	120.572	20.39	271.6	38314.941	42014.277	27.262	28.57	26.099	1.019
11/7/2017 11:15	483300	120.58	20.39	271.618	38328.793	42029.309	27.273	28.58	26.09	1.019
11/7/2017 11:30	484200	120.603	20.393	271.671	38315.996	42013.125	27.261	28.569	26.099	1.019
11/7/2017 11:45	485100	120.621	20.391	271.711	38317.422	42015.836	27.263	28.571	26.098	1.019
11/7/2017 12:00	486000	120.625	20.391	271.72	38292.137	41988.113	27.243	28.552	26.115	1.019
11/7/2017 12:15	486900	120.648	20.391	271.772	38312.922	42011.145	27.259	28.568	26.101	1.019
11/7/2017 12:30	487800	120.649	20.391	271.774	38329.969	42029.984	27.273	28.58	26.089	1.019
11/7/2017 12:45	488700	120.656	20.393	271.789	38346.195	42046.012	27.285	28.591	26.078	1.019
11/7/2017 13:00	489600	120.656	20.393	271.789	38311.715	42007.969	27.257	28.565	26.102	1.019
11/7/2017 13:15	490500	120.649	20.392	271.774	38336.008	42035.297	27.277	28.584	26.085	1.019
11/7/2017 13:30	491400	120.653	20.393	271.782	38320.055	42017.27	27.264	28.572	26.096	1.019
11/7/2017 13:45	492300	120.645	20.391	271.764	38316.707	42015.129	27.262	28.57	26.098	1.019
11/7/2017 14:00	493200	120.641	20.394	271.756	38309.621	42004.754	27.255	28.563	26.103	1.019
11/7/2017 14:15	494100	120.629	20.39							

11/8/2017 12:45	575100	120.619	20.391	271.707	38313.34	42011.832	27.26	28.568	26.101	1.019
11/8/2017 13:00	576000	120.62	20.393	271.708	38312.75	42009.105	27.258	28.566	26.101	1.019
11/8/2017 13:15	576900	120.638	20.392	271.748	38323.746	42022.316	27.268	28.575	26.093	1.019
11/8/2017 13:30	577800	120.638	20.391	271.748	38299.594	41996.289	27.249	28.557	26.11	1.019
11/8/2017 13:45	578700	120.651	20.392	271.777	38301.441	41997.934	27.25	28.559	26.109	1.019
11/8/2017 14:00	579600	120.646	20.392	271.766	38319.469	42017.551	27.264	28.572	26.096	1.019
11/8/2017 14:15	580500	120.649	20.391	271.774	38306.359	42003.633	27.254	28.562	26.105	1.019
11/8/2017 14:30	581400	120.641	20.394	271.756	38308.441	42004.078	27.254	28.563	26.104	1.019
11/8/2017 14:45	582300	120.639	20.393	271.751	38352.445	42053.25	27.29	28.596	26.074	1.019
11/8/2017 15:00	583200	120.631	20.392	271.734	38326.16	42024.656	27.269	28.577	26.092	1.019
11/8/2017 15:15	584100	120.623	20.392	271.716	38302.016	41998.262	27.25	28.559	26.108	1.019
11/8/2017 15:30	585000	120.597	20.393	271.657	38326.48	42024.543	27.269	28.577	26.092	1.019
11/8/2017 15:45	585900	120.593	20.395	271.647	38318.359	42014.02	27.262	28.57	26.097	1.019
11/8/2017 16:00	586800	120.573	20.393	271.602	38326.281	42023.793	27.269	28.576	26.092	1.019
11/8/2017 16:15	587700	120.551	20.393	271.553	38331.371	42029.984	27.273	28.58	26.088	1.019
11/8/2017 16:30	588600	120.528	20.391	271.501	38298.887	41995.512	27.248	28.557	26.11	1.019
11/8/2017 16:45	589500	120.504	20.391	271.447	38309.68	42007.816	27.257	28.565	26.103	1.019
11/8/2017 17:00	590400	120.476	20.391	271.385	38298.129	41995.152	27.248	28.557	26.111	1.019
11/8/2017 17:15	591300	120.452	20.392	271.33	38320.516	42018.309	27.265	28.572	26.096	1.019
11/8/2017 17:30	592200	120.402	20.392	271.217	38347.426	42047.891	27.286	28.593	26.077	1.019
11/8/2017 17:45	593100	120.401	20.391	271.214	38310.863	42008.645	27.258	28.566	26.102	1.019
11/8/2017 18:00	594000	120.364	20.392	271.132	38323.992	42022.66	27.268	28.575	26.093	1.019
11/8/2017 18:15	594900	120.343	20.39	271.084	38306.055	42004.453	27.255	28.563	26.106	1.019
11/8/2017 18:30	595800	120.297	20.393	270.98	38310.938	42007.117	27.257	28.565	26.102	1.019
11/8/2017 18:45	596700	120.277	20.393	270.936	38316.398	42013.262	27.261	28.569	26.098	1.019
11/8/2017 19:00	597600	120.244	20.393	270.862	38310.23	42006.652	27.256	28.565	26.103	1.019
11/8/2017 19:15	598500	120.214	20.393	270.793	38322.305	42019.965	27.266	28.574	26.094	1.019
11/8/2017 19:30	599400	120.193	20.392	270.746	38327.797	42026.367	27.271	28.578	26.091	1.019
11/8/2017 19:45	600300	120.174	20.391	270.704	38272.191	41967.012	27.228	28.538	26.129	1.019
11/8/2017 20:00	601200	120.146	20.392	270.641	38283.383	41978.059	27.236	28.545	26.121	1.019
11/8/2017 20:15	602100	120.131	20.395	270.607	38276.398	41967.863	27.228	28.538	26.126	1.019
11/8/2017 20:30	603000	120.121	20.395	270.583	38296.324	41989.477	27.244	28.553	26.112	1.019
11/8/2017 20:45	603900	120.096	20.394	270.528	38299.563	41993.727	27.247	28.556	26.11	1.019
11/8/2017 21:00	604800	120.085	20.391	270.503	38307.758	42005.555	27.255	28.564	26.104	1.019
11/8/2017 21:15	605700	120.075	20.393	270.48	38310.758	42007.074	27.257	28.565	26.102	1.019
11/8/2017 21:30	606600	120.071	20.392	270.471	38289.801	41985.168	27.241	28.55	26.117	1.019
11/8/2017 21:45	607500	120.069	20.395	270.467	38300.453	41993.699	27.247	28.556	26.109	1.019
11/8/2017 22:00	608400	120.064	20.395	270.455	38285.68	41977.586	27.235	28.545	26.119	1.019
11/8/2017 22:15	609300	120.064	20.395	270.455	38284.008	41975.754	27.234	28.544	26.121	1.019
11/8/2017 22:30	610200	120.077	20.393	270.484	38322.234	42019.887	27.266	28.574	26.095	1.019
11/8/2017 22:45	611100	120.082	20.396	270.497	38305.719	41998.93	27.251	28.559	26.106	1.019
11/8/2017 23:00	612000	120.1	20.396	270.536	38288.832	41980.73	27.238	28.547	26.117	1.019
11/8/2017 23:15	612900	120.106	20.396	270.551	38294.125	41986.375	27.242	28.551	26.114	1.019
11/8/2017 23:30	613800	120.136	20.393	270.618	38281.68	41974.891	27.233	28.543	26.122	1.019
11/8/2017 23:45	614700	120.154	20.396	270.658	38308.777	42002.602	27.253	28.562	26.104	1.019

Report Date: 11/10/2017 8:40
Report User Name: WMassoll
Report Computer Name: WKST52
Application: WinSitu.exe
Application Version: 5.6.27.1

Log File Properties
File Name MPWSP MW-4M LT Test_2017-11-09_17-58-16-901-BaroMerge.wsl
Create Date 11/10/2017 8:36

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: 10/19/2017 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
11/10/2017 8:36 User Note: "Pressure & Level adjusted by baro data from: "MPWSP Barotroll_2017-11-09_18-08-51-wt2.wsl""

Log Data:
Record Count 2268
Sensors 2
1 428901 PCTD 100 PSIA (60.1m/197.3ft)
2 0 Baro-Adjustment Calc

Time Zone: Pacific Daylight Time/Pacific Standard Time

		Sensor: PCTD(A) 197.3ft		Sensor: PCTD(A) 197.3ft		Sensor: PCTD(A) 197.3ft		Sensor: PCTD(A) 197.3ft		Sensor: PCTD(A) 197.3ft		Sensor: PCTD(A) 197.3ft		Sensor: PCTD(A) 197.3ft		Sensor: PCTD(A) 197.3ft		Sensor: Baro-Adj Calc	
		SNR: 428901		SNR: 428901		SNR: 428901		SNR: 428901		SNR: 428901		SNR: 428901		SNR: 428901		SNR: 428901		SNR: 000000	
Date and Time	Elapsed Time Seconds	Corrected Pressure (PSI)	Temperature (C)	Corrected Depth (ft)	Actual Conductivity (µS/cm)	Specific Conductivity (µS/cm)	Salinity (PSU)	Total Dissolved Solids (ppm)	Resistivity (ohm-cm)	Water Density (g/cm3)	Barometric Pressure (PSI)								
11/2/2017 0:00	7200	73.195	17.951	166.834	29814.865	34453.285	21.815	23428.236	33.54	1.015	14.716								
11/2/2017 0:05	7500	73.214	17.951	166.878	29812.855	34451.297	21.814	23426.883	33.543	1.015	14.716								
11/2/2017 0:10	7800	73.194	17.951	166.831	29797.053	34433.305	21.801	23414.648	33.56	1.015	14.716								
11/2/2017 0:15	8100	73.215	17.951	166.88	29803.566	34440.762	21.806	23419.719	33.553	1.015	14.716								
11/2/2017 0:20	8400	73.208	17.951	166.864	29823.213	34463.266	21.822	23435.021	33.531	1.015	14.719								
11/2/2017 0:25	8700	73.201	17.951	166.847	29810.885	34449.02	21.812	23425.334	33.545	1.015	14.723								
11/2/2017 0:30	9000	73.187	17.951	166.817	29800.789	34437.223	21.804	23417.314	33.556	1.015	14.726								
11/2/2017 0:35	9300	73.184	17.951	166.808	29815.887	34454.543	21.816	23429.09	33.539	1.015	14.722								
11/2/2017 0:40	9600	73.21	17.951	166.868	29801.016	34437.414	21.804	23417.441	33.556	1.015	14.717								
11/2/2017 0:45	9900	73.193	17.951	166.83	29822.064	34462.012	21.821	23434.17	33.532	1.015	14.712								
11/2/2017 0:50	10200	73.208	17.951	166.864	29809.715	34447.664	21.811	23424.414	33.546	1.015	14.714								
11/2/2017 0:55	10500	73.186	17.951	166.814	29815.686	34454.766	21.816	23429.24	33.539	1.015	14.717								
11/2/2017 1:00	10800	73.183	17.951	166.807	29811.85	34449.934	21.813	23425.957	33.544	1.015	14.719								
11/2/2017 1:05	11100	73.179	17.951	166.798	29798.141	34434.164	21.802	23415.234	33.559	1.015	14.719								
11/2/2017 1:10	11400	73.178	17.951	166.796	29807.811	34445.133	21.809	23422.693	33.548	1.015	14.719								
11/2/2017 1:15	11700	73.177	17.951	166.792	29799.971	34436.277	21.803	23416.67	33.557	1.015	14.719								
11/2/2017 1:20	12000	73.173	17.951	166.785	29815.066	34454.121	21.816	23428.805	33.54	1.015	14.721								
11/2/2017 1:25	12300	73.175	17.951	166.788	29823.279	34463.414	21.822	23435.121	33.531	1.015	14.722								
11/2/2017 1:30	12600	73.168	17.951	166.773	29805.734	34443.066	21.808	23421.285	33.551	1.015	14.724								
11/2/2017 1:35	12900	73.168	17.951	166.773	29808.17	34445.68	21.81	23423.063	33.548	1.015	14.721								
11/2/2017 1:40	13200	73.186	17.951	166.814	29785.377	34419.285	21.791	23405.115	33.574	1.015	14.718								
11/2/2017 1:45	13500	73.172	17.951	166.782	29803.322	34440.277	21.806	23419.391	33.553	1.015	14.715								
11/2/2017 1:50	13800	73.184	17.951	166.809	29800.51	34437.027	21.804	23417.182	33.556	1.015	14.717								
11/2/2017 1:55	14100	73.162	17.951	166.759	29805.881	34443.035	21.808	23421.266	33.55	1.015	14.72								
11/2/2017 2:00	14400	73.159	17.951	166.753	29799.887	34436.383	21.803	23416.74	33.557	1.015	14.722								
11/2/2017 2:05	14700	73.156	17.951	166.746	29822.027	34461.969	21.821	23434.139	33.532	1.015	14.722								
11/2/2017 2:10	15000	73.155	17.951	166.744	29804.402	34441.461	21.807	23420.195	33.552	1.015	14.721								
11/2/2017 2:15	15300	73.158	17.951	166.749	29810.289	34448.402	21.812	23424.916	33.545	1.015	14.72								
11/2/2017 2:20	15600	73.154	17.951	166.741	29799.586	34435.762	21.803	23416.318	33.558	1.015	14.719								
11/2/2017 2:25	15900	73.176	17.951	166.791	29801.605	34426.484	21.796	23410.012	33.567	1.015	14.718								
11/2/2017 2:30	16200	73.174	17.951	166.787	29807.92	34445.465	21.81	23422.916	33.548	1.015	14.716								
11/2/2017 2:35	16500	73.156	17.951	166.744	29822.371	34462.426	21.821	23434.449	33.532	1.015	14.717								
11/2/2017 2:40	16800	73.155	17.951	166.743	29794.023	34429.531	21.798	23412.082	33.564	1.015	14.717								
11/2/2017 2:45	17100	73.153	17.951	166.739	29819.748	34459.332	21.819	23432.346	33.535	1.015	14.718								
11/2/2017 2:50	17400	73.163	17.951	166.762	29806.719	34436.938	21.804	23417.117	33.556	1.015	14.72								
11/2/2017 2:55	17700	73.159	17.951	166.753	29809.551	34447.277	21.811	23424.15	33.546	1.015	14.721								
11/2/2017 3:00	18000	73.144	17.951	166.718	29789.881	34424.746	21.795	23408.828	33.568	1.015	14.723								
11/2/2017 3:05	18300	73.14	17.951	166.708	29788.973	34423.363	21.794	23407.889	33.569	1.015	14.723								
11/2/2017 3:10	18600	73.136	17.951	166.699	29820.705	34460.5	21.82	23433.143	33.534	1.015	14.722								
11/2/2017 3:15	18900	73.132	17.951	166.691	29788.342	34422.902	21.794	23407.576	33.57	1.015	14.722								
11/2/2017 3:20	19200	73.156	17.951	166.742	29810.658	34438.442	21.805	23418.172	33.555	1.015	14.725								
11/2/2017 3:25	19500	73.151	17.951	166.733	29799.881	34436.238	21.803	23416.643	33.557	1.015	14.724								
11/2/2017 3:30	19800	73.148	17.951	166.728	29805.77	34442.906	21.808	23421.178	33.551	1.015	14.724								
11/2/2017 3:35	20100	73.13	17.951	166.686	29808.467	34445.969	21.81	23423.262	33.548	1.015	14.723								
11/2/2017 3:40	20400	73.127	17.952	166.68	29802.455	34438.816	21.805	23418.396	33.554	1.015	14.722								
11/2/2017 3:45	20700	73.143	17.951	166.717	29795.594	34431.148	21.8	23413.184	33.562	1.015	14.721								
11/2/2017 3:50	21000	73.125	17.951	166.621	29811.391	34449.273	21.812	23425.506	33.542	1.015	14.72								
11/2/2017 3:55	21300	73.128	17.951	166.682	29811.203	34449.258	21.812	23425.496	33.544	1.015	14.719								
11/2/2017 4:00	21600	73.127	17.951	166.68	29809.24	34446.723	21.81	23423.773	33.547	1.015	14.719								
11/2/2017 4:05	21900	73.128	17.951	166.682	29817.451	34456.809	21.818	23430.631	33.537	1.015	14.719								
11/2/2017 4:10	22200	73.125	17.951	166.674	29813.236	34451.867	21.814	23427.271	33.542	1.015	14.718								
11/2/2017 4:15	22500	73.144	17.951	166.717	29806.16	34448.43	21.808	23421.533	33.55	1.015	14.718								
11/2/2017 4:20	22800	73.12	17.951	166.664	29811.131	34449.564	21.812	23425.604	33.545	1.015	14.716								
11/2/2017 4:25	23100	73.129	17.951	166.685	29804.678	34441.645	21.807	23420.318	33.552	1.015	14.713								
11/2/2017 4:30	23400	73.144	17.951	166.719	29817.035	34455.926	21.817	23430.031	33.538	1.015	14.711								
11/2/2017 4:35	23700	73.125	17.951	166.675	29816.695	34455.668	21.817	23429.855	33.538	1.015	14.715								
11/2/2017 4:40	24000	73.127	17.951	166.678	29816.719	34455.559	21.817	23429.781	33.538	1.015	14.718								
11/2/2017 4:45	24300	73.118	17.951	166.659	29810.419	34440.419	21.806	23419.479	33.553	1.015	14.722								
11/2/2017 4:50	24600	73.124	17.951	166.671	29801.518	34437.992	21.804	23417.836	33.555	1.015	14.719								
11/2/2017 4:55	24900	73.142	17.951	166.713	29817.172	34456.156	21.817	23430.188	33.538	1.015	14.717								
11/2/2017 5:00	25200	73.128	17.951	166.682	29809.299	34447.316	21.811	23424.178	33.547	1.015	14.714								
11/2/2017 5:05	25500	73.148	17.951	166.727	29806.928	34444.52	21.809	23422.273	33.549	1.015	14.716								
11/2/2017 5:10	25800	73.127	17.951	166.678	29822.064	34462.07	21.821	23434.209	33.532	1.015	14.718								
11/2/2017 5:15	26100	73.128	17.951	166.681	29810.041	34471.027	21.827	23440.307	33.523	1.015	14.722								
11/2/2017 5:20	26400	73.119	17.951	166.661	29786.299	34420.406	21.792	23405.879											

11/2/2017 6:05	29100	73151	17951	166.734	29810.918	34449.129	21.812	23425.41	33.545	1.015	14.719
11/2/2017 6:10	29400	73133	17951	166.693	29821.432	34461.207	21.821	23433.623	33.533	1.015	14.721
11/2/2017 6:15	29700	73152	17951	166.737	29822.553	34462.633	21.822	23434.592	33.532	1.015	14.723
11/2/2017 6:20	30000	73131	17951	166.688	29826.67	34467.129	21.825	23437.648	33.527	1.015	14.722
11/2/2017 6:25	30300	73134	17951	166.696	29823.057	34462.883	21.822	23434.762	33.531	1.015	14.721
11/2/2017 6:30	30600	73138	17951	166.704	29813.451	34461.984	21.814	23427.352	33.546	1.015	14.722
11/2/2017 6:35	30900	73142	17951	166.712	29805.564	34437.164	21.804	23417.773	33.564	1.015	14.752
11/2/2017 6:40	31200	73138	17951	166.705	29791.811	34426.719	21.797	23410.172	33.566	1.015	14.723
11/2/2017 6:45	31500	73142	17951	166.712	29814.262	34452.922	21.815	23427.988	33.541	1.015	14.725
11/2/2017 6:50	31800	73147	17951	166.725	29816.723	34455.5	21.817	23429.695	33.538	1.015	14.725
11/2/2017 6:55	32100	73144	17951	166.718	29814.074	34452.504	21.815	23427.703	33.541	1.015	14.725
11/2/2017 7:00	32400	73149	17951	166.73	29798.896	34435.297	21.803	23416.002	33.558	1.015	14.725
11/2/2017 7:05	32700	73152	17951	166.735	29805.219	34432.344	21.807	23420.795	33.551	1.015	14.726
11/2/2017 7:10	33000	73151	17951	166.734	29799.848	34436.395	21.803	23416.75	33.557	1.015	14.727
11/2/2017 7:15	33300	73172	17951	166.783	29811.289	34449.559	21.812	23425.701	33.544	1.015	14.729
11/2/2017 7:20	33600	73155	17951	166.742	29825.303	34465.551	21.824	23436.574	33.529	1.015	14.729
11/2/2017 7:25	33900	73156	17951	166.746	29814.895	34453.523	21.815	23428.398	33.54	1.015	14.73
11/2/2017 7:30	34200	73159	17951	166.751	29810.156	34448.309	21.812	23424.85	33.546	1.015	14.731
11/2/2017 7:35	34500	73157	17.95	166.747	29808.113	34446.219	21.81	23423.432	33.548	1.015	14.731
11/2/2017 7:40	34800	73183	17951	166.807	29800.74	34437.23	21.804	23417.318	33.556	1.015	14.73
11/2/2017 7:45	35100	73193	17951	166.829	29805.629	34443.016	21.808	23421.252	33.551	1.015	14.729
11/2/2017 7:50	35400	73171	17951	166.779	29825.584	34465.941	21.824	23436.84	33.528	1.015	14.732
11/2/2017 7:55	35700	73169	17951	166.774	29806.15	34443.348	21.808	23421.479	33.55	1.015	14.735
11/2/2017 8:00	36000	73173	17951	166.783	29819.111	34458.461	21.819	23431.756	33.536	1.015	14.737
11/2/2017 8:05	36300	73177	17951	166.793	29810.869	34449.27	21.812	23435.504	33.545	1.015	14.74
11/2/2017 8:10	36600	73178	17951	166.795	29821.809	34461.441	21.821	23433.783	33.533	1.015	14.736
11/2/2017 8:15	36900	73183	17951	166.806	29809.898	34447.953	21.811	23424.607	33.546	1.015	14.736
11/2/2017 8:20	37200	73183	17951	166.806	29814.68	34453.402	21.815	23428.316	33.541	1.015	14.737
11/2/2017 8:25	37500	73187	17951	166.815	29807.082	34444.367	21.809	23422.17	33.549	1.015	14.739
11/2/2017 8:30	37800	73.19	17951	166.823	29808.322	34445.992	21.81	23423.277	33.548	1.015	14.74
11/2/2017 8:35	38100	73193	17951	166.83	29808.594	34446.832	21.811	23423.848	33.547	1.015	14.741
11/2/2017 8:40	38400	73217	17951	166.883	29814.961	34453.664	21.815	23428.494	33.54	1.015	14.741
11/2/2017 8:45	38700	73198	17951	166.841	29806.383	34443.559	21.808	23421.619	33.55	1.015	14.742
11/2/2017 8:50	39000	73223	17951	166.898	29817.021	34456.047	21.817	23430.113	33.538	1.015	14.744
11/2/2017 8:55	39300	73223	17951	166.897	29791.721	34426.617	21.796	23410.102	33.566	1.015	14.747
11/2/2017 9:00	39600	73222	17951	166.895	29810.775	34448.762	21.812	23425.16	33.545	1.015	14.749
11/2/2017 9:05	39900	73201	17951	166.849	29819.637	34459.137	21.819	23432.215	33.535	1.015	14.745
11/2/2017 9:10	40200	73208	17951	166.864	29790.633	34425.746	21.796	23409.51	33.568	1.015	14.748
11/2/2017 9:15	40500	73207	17951	166.861	29804.891	34442.223	21.807	23420.711	33.552	1.015	14.748
11/2/2017 9:20	40800	73204	17951	166.854	29815.9	34454.684	21.816	23429.186	33.539	1.015	14.748
11/2/2017 9:25	41100	73214	17952	166.878	29802.566	34438.945	21.805	23418.484	33.554	1.015	14.748
11/2/2017 9:30	41400	73215	17951	166.88	29798.182	34434.141	21.802	23415.219	33.559	1.015	14.748
11/2/2017 9:35	41700	73219	17951	166.925	29804.823	34442.823	21.808	23421.127	33.551	1.015	14.749
11/2/2017 9:40	42000	73.22	17951	166.892	29802.727	34439.145	21.805	23418.621	33.555	1.015	14.749
11/2/2017 9:45	42300	73221	17951	166.894	29816.188	34455.145	21.816	23429.498	33.539	1.015	14.75
11/2/2017 9:50	42600	73219	17951	166.889	29806.143	34443.473	21.808	23421.564	33.55	1.015	14.752
11/2/2017 9:55	42900	73215	17951	166.878	29819.768	34459.219	21.819	23432.27	33.535	1.015	14.755
11/2/2017 10:00	43200	73221	17951	166.894	29819.922	34459.461	21.819	23432.434	33.535	1.015	14.758
11/2/2017 10:05	43500	73218	17951	166.896	29800.684	34436.973	21.804	23417.143	33.556	1.015	14.757
11/2/2017 10:10	43800	73241	17951	166.938	29804.961	34442.043	21.807	23420.592	33.551	1.015	14.756
11/2/2017 10:15	44100	73221	17951	166.894	29810.686	34448.723	21.812	23425.133	33.545	1.015	14.755
11/2/2017 10:20	44400	73229	17951	166.911	29809.584	34447.516	21.811	23424.313	33.546	1.015	14.756
11/2/2017 10:25	44700	73229	17951	166.912	29804.488	34441.895	21.807	23420.49	33.552	1.015	14.757
11/2/2017 10:30	45000	73248	17951	166.954	29826.275	34466.805	21.824	23437.43	33.527	1.015	14.757
11/2/2017 10:35	45300	73224	17951	166.9	29810.775	34448.691	21.812	23425.111	33.545	1.015	14.754
11/2/2017 10:40	45600	73234	17951	166.922	29797.123	34432.719	21.801	23414.25	33.56	1.015	14.751
11/2/2017 10:45	45900	73255	17951	166.971	29807.383	34445.105	21.809	23422.672	33.549	1.015	14.747
11/2/2017 10:50	46200	73238	17951	166.931	29808.953	34446.988	21.811	23423.953	33.547	1.015	14.747
11/2/2017 10:55	46500	73242	17951	166.94	29808.264	34446.191	21.81	23423.41	33.548	1.015	14.747
11/2/2017 11:00	46800	73239	17951	166.934	29803.199	34440.008	21.806	23419.207	33.553	1.015	14.747
11/2/2017 11:05	47100	73263	17951	166.988	29813.078	34451.488	21.814	23427.014	33.542	1.015	14.745
11/2/2017 11:10	47400	73243	17951	166.944	29812.982	34451.574	21.814	23427.07	33.542	1.015	14.746
11/2/2017 11:15	47700	73267	17951	166.999	29805.531	34442.703	21.808	23421.039	33.551	1.015	14.741
11/2/2017 11:20	48000	73245	17951	166.948	29788.783	34423.348	21.794	23407.879	33.57	1.015	14.743
11/2/2017 11:25	48300	73243	17951	166.944	29803.566	34440.762	21.806	23419.719	33.553	1.015	14.745
11/2/2017 11:30	48600	73247	17951	166.953	29799.277	34435.348	21.803	23416.039	33.558	1.015	14.747
11/2/2017 11:35	48900	73239	17951	166.934	29826.662	34467.121	21.825	23437.643	33.527	1.015	14.746
11/2/2017 11:40	49200	73241	17951	166.939	29812.299	34456.052	21.813	23426.445	33.543	1.015	14.745
11/2/2017 11:45	49500	73243	17951	166.944	29812.16	34450.426	21.813	23426.291	33.543	1.015	14.745
11/2/2017 11:50	49800	73241	17951	166.938	29807.26	34444.961	21.809	23422.574	33.549	1.015	14.746
11/2/2017 11:55	50100	73259	17951	166.98	29814.535	34453.109	21.815	23428.115	33.541	1.015	14.747
11/2/2017 12:00	50400	73239	17951	166.935	29801.141	34437.559	21.804	23417.541	33.556	1.015	14.748
11/2/2017 12:05	50700	73258	17951	166.978	29793.621	34429.141	21.798	23411.818	33.564	1.015	14.747
11/2/2017 12:10	51000	73235	17951	166.925	29801.005	34437.602	21.804	23417.57	33.556	1.015	14.75
11/2/2017 12:15	51300	73257	17951	166.976	29806.045	34443.168	21.808	23421.354	33.55	1.015	14.745
11/2/2017 12:20	51600	73241	17951	166.939	29827.107	34467.836	21.825	23438.129	33.527	1.015	14.745
11/2/2017 12:25	51900	73236	17951	166.927	29822.576	34462.273	21.821	23434.348	33.532	1.015	14.745
11/2/2017 12:30	52200	73238	17951	166.933	29810.152	34448.105	21.811	23424.713	33.546	1.015	14.745
11/2/2017 12:35	52500	73252	17951	166.965	29814.832	34453.324	21.815	23428.262	33.54	1.015	14.744
11/2/2017 12:40	52800	73229	17951	166.911	29806.791	34444.074	21.809	23421.973	33.549	1.015	14.743
11/2/2017 12:45	53100	73255	17951	166.97	29808.447	34446.137	21.81	23423.375	33.548	1.015	14.744
11/2/2017 12:50	53400	73227	17951	166.906	29802.529	34439.234	21.805	23418.68	33.554	1.015	14.743
11/2/2017 12:55	53700	73245	17951	166.947	29810.252						

11/2/2017 23:40	92400	73.176	17.951	166.792	29835.771	34477.777	21.832	23444.889	33.517	1.015	14.748
11/2/2017 23:45	92700	73.18	17.951	166.8	29818.895	34458.477	21.819	23431.764	33.536	1.015	14.749
11/2/2017 23:50	93000	73.182	17.951	166.804	29829.406	34470.496	21.827	23439.939	33.524	1.015	14.748
11/2/2017 23:55	93300	73.183	17.951	166.806	29824.443	34464.559	21.823	23435.902	33.53	1.015	14.746
11/3/2017 0:00	93600	73.182	17.951	166.805	29813.139	34451.367	21.814	23426.932	33.542	1.015	14.745
11/3/2017 0:05	93900	73.185	17.951	166.812	29811.551	34447.898	21.829	23441.572	33.522	1.015	14.747
11/3/2017 0:10	94200	73.179	17.951	166.797	29805.151	34442.897	21.807	23430.861	33.501	1.015	14.749
11/3/2017 0:15	94500	73.181	17.951	166.803	29826.887	34467.711	21.825	23438.043	33.527	1.015	14.75
11/3/2017 0:20	94800	73.201	17.951	166.847	29831.848	34472.91	21.829	23441.582	33.521	1.015	14.749
11/3/2017 0:25	95100	73.185	17.951	166.812	29823.457	34463.418	21.822	23435.125	33.531	1.015	14.747
11/3/2017 0:30	95400	73.186	17.952	166.812	29819.449	34458.453	21.819	23431.75	33.535	1.015	14.746
11/3/2017 0:35	95700	73.19	17.951	166.824	29830.434	34471.48	21.828	23440.609	33.523	1.015	14.745
11/3/2017 0:40	96000	73.187	17.951	166.815	29806.318	34443.742	21.804	23421.746	33.55	1.015	14.745
11/3/2017 0:45	96300	73.191	17.951	166.824	29844.82	34488.309	21.839	23452.051	33.507	1.015	14.744
11/3/2017 0:50	96600	73.208	17.951	166.864	29825.604	34465.961	21.824	23436.855	33.528	1.015	14.744
11/3/2017 0:55	96900	73.191	17.951	166.825	29809.488	34447.535	21.811	23424.326	33.546	1.015	14.744
11/3/2017 1:00	97200	73.208	17.951	166.865	29825.305	34465.348	21.823	23436.439	33.529	1.015	14.744
11/3/2017 1:05	97500	73.179	17.951	166.797	29831.232	34472.332	21.828	23441.188	33.522	1.015	14.744
11/3/2017 1:10	97800	73.183	17.951	166.807	29828.689	34449.59	21.826	23439.324	33.525	1.015	14.745
11/3/2017 1:15	98100	73.197	17.951	166.839	29823.805	34464.219	21.823	23435.67	33.53	1.015	14.746
11/3/2017 1:20	98400	73.182	17.951	166.805	29836.475	34478.664	21.833	23445.494	33.516	1.015	14.743
11/3/2017 1:25	98700	73.181	17.95	166.802	29834.869	34477.141	21.832	23444.457	33.518	1.015	14.741
11/3/2017 1:30	99000	73.202	17.951	166.849	29814.105	34452.941	21.815	23428.002	33.541	1.015	14.739
11/3/2017 1:35	99300	73.181	17.951	166.802	29834.512	34476.063	21.831	23443.725	33.518	1.015	14.74
11/3/2017 1:40	99600	73.178	17.951	166.795	29833.84	34475.254	21.83	23443.146	33.517	1.015	14.742
11/3/2017 1:45	99900	73.172	17.951	166.782	29820.814	34460.234	21.82	23432.961	33.534	1.015	14.743
11/3/2017 1:50	100200	73.181	17.951	166.802	29811.859	34450.277	21.813	23426.191	33.544	1.015	14.745
11/3/2017 1:55	100500	73.174	17.951	166.787	29824.572	34464.504	21.823	23435.863	33.529	1.015	14.747
11/3/2017 2:00	100800	73.192	17.951	166.827	29829.455	34470.277	21.827	23439.791	33.524	1.015	14.749
11/3/2017 2:05	101100	73.191	17.951	166.825	29827.313	34468.203	21.825	23438.379	33.526	1.015	14.748
11/3/2017 2:10	101400	73.17	17.951	166.776	29811.385	34449.668	21.813	23425.771	33.544	1.015	14.748
11/3/2017 2:15	101700	73.164	17.951	166.763	29855.301	34500.344	21.848	23460.236	33.495	1.015	14.748
11/3/2017 2:20	102000	73.167	17.951	166.77	29811.459	34449.426	21.812	23425.609	33.544	1.015	14.747
11/3/2017 2:25	102300	73.163	17.951	166.762	29824.246	34464.258	21.823	23435.695	33.53	1.015	14.747
11/3/2017 2:30	102600	73.159	17.951	166.752	29823.375	34463.195	21.822	23434.975	33.531	1.015	14.746
11/3/2017 2:35	102900	73.16	17.951	166.754	29826.896	34467.594	21.825	23437.965	33.527	1.015	14.748
11/3/2017 2:40	103200	73.174	17.951	166.786	29816.549	34455.496	21.817	23429.707	33.539	1.015	14.749
11/3/2017 2:45	103500	73.16	17.951	166.755	29833.486	34475.211	21.83	23443.146	33.519	1.015	14.751
11/3/2017 2:50	103800	73.151	17.951	166.733	29829.332	34470.207	21.827	23439.74	33.524	1.015	14.747
11/3/2017 2:55	104100	73.173	17.951	166.783	29826.029	34466.32	21.824	23437.1	33.528	1.015	14.744
11/3/2017 3:00	104400	73.157	17.951	166.747	29834.201	34475.762	21.831	23443.52	33.519	1.015	14.74
11/3/2017 3:05	104700	73.15	17.951	166.732	29815.27	34453.957	21.816	23428.691	33.54	1.015	14.742
11/3/2017 3:10	105000	73.115	17.951	166.72	29806.664	34456.918	21.825	23437.586	33.527	1.015	14.744
11/3/2017 3:15	105300	73.147	17.951	166.724	29829.531	34470.309	21.827	23439.813	33.524	1.015	14.745
11/3/2017 3:20	105600	73.168	17.951	166.772	29821.273	34461.023	21.82	23433.496	33.533	1.015	14.744
11/3/2017 3:25	105900	73.149	17.951	166.729	29821.307	34460.805	21.82	23433.35	33.533	1.015	14.742
11/3/2017 3:30	106200	73.135	17.951	166.697	29820.473	34459.898	21.82	23432.732	33.534	1.015	14.741
11/3/2017 3:35	106500	73.139	17.951	166.707	29821.205	34460.945	21.82	23433.445	33.533	1.015	14.741
11/3/2017 3:40	106800	73.14	17.951	166.709	29823.447	34463.789	21.822	23435.344	33.521	1.015	14.742
11/3/2017 3:45	107100	73.159	17.951	166.752	29827.98	34468.645	21.826	23438.68	33.526	1.015	14.742
11/3/2017 3:50	107400	73.134	17.951	166.694	29822.877	34462.813	21.822	23434.713	33.531	1.015	14.739
11/3/2017 3:55	107700	73.14	17.95	166.71	29831.006	34472.676	21.829	23441.422	33.522	1.015	14.735
11/3/2017 4:00	108000	73.163	17.951	166.761	29829.215	34470.07	21.827	23439.65	33.524	1.015	14.732
11/3/2017 4:05	108300	73.162	17.951	166.758	29826.471	34466.773	21.824	23437.406	33.527	1.015	14.733
11/3/2017 4:10	108600	73.136	17.951	166.7	29825.385	34465.773	21.824	23436.727	33.528	1.015	14.734
11/3/2017 4:15	108900	73.144	17.951	166.718	29822.166	34462.129	21.821	23434.25	33.532	1.015	14.736
11/3/2017 4:20	109200	73.134	17.951	166.694	29817.68	34456.672	21.817	23430.539	33.537	1.015	14.739
11/3/2017 4:25	109500	73.136	17.951	166.699	29815.369	34454.332	21.816	23428.945	33.54	1.015	14.742
11/3/2017 4:30	109800	73.133	17.952	166.692	29827.18	34467.32	21.825	23437.779	33.526	1.015	14.746
11/3/2017 4:35	110100	73.135	17.951	166.698	29807.027	34444.496	21.809	23422.258	33.549	1.015	14.745
11/3/2017 4:40	110400	73.131	17.951	166.688	29826.516	34467.082	21.825	23437.617	33.527	1.015	14.744
11/3/2017 4:45	110700	73.127	17.951	166.68	29809.215	34446.754	21.811	23432.793	33.547	1.015	14.742
11/3/2017 4:50	111000	73.126	17.951	166.677	29827.939	34468.328	21.826	23438.463	33.526	1.015	14.745
11/3/2017 4:55	111300	73.127	17.951	166.679	29836.023	34478.141	21.832	23445.137	33.517	1.015	14.746
11/3/2017 5:00	111600	73.127	17.951	166.679	29810.986	34448.738	21.812	23425.145	33.545	1.015	14.746
11/3/2017 5:05	111900	73.122	17.951	166.667	29817.781	34456.922	21.818	23430.707	33.537	1.015	14.746
11/3/2017 5:10	112200	73.127	17.951	166.679	29829.756	34471.027	21.827	23440.301	33.524	1.015	14.745
11/3/2017 5:15	112500	73.126	17.951	166.676	29815.098	34453.629	21.825	23438.281	33.54	1.015	14.748
11/3/2017 5:20	112800	73.124	17.951	166.671	29840.381	34482.977	21.836	23448.426	33.512	1.015	14.747
11/3/2017 5:25	113100	73.125	17.951	166.675	29826.615	34466.863	21.825	23437.467	33.527	1.015	14.75
11/3/2017 5:30	113400	73.124	17.951	166.673	29827.115	34467.516	21.825	23437.912	33.527	1.015	14.752
11/3/2017 5:35	113700	73.129	17.951	166.684	29818.459	34457.375	21.818	23431.018	33.536	1.015	14.751
11/3/2017 5:40	114000	73.122	17.951	166.666	29827.705	34468.527	21.826	23438.6	33.526	1.015	14.751
11/3/2017 5:45	114300	73.122	17.951	166.667	29826.251	34466.52	21.824	23437.234	33.528	1.015	14.75
11/3/2017 5:50	114600	73.124	17.95	166.673	29818.002	34457.57	21.818	23431.15	33.537	1.015	14.748
11/3/2017 5:55	114900	73.134	17.951	166.695	29829.213	34470.27	21.827	23439.785	33.524	1.015	14.746
11/3/2017 6:00	115200	73.134	17.952	166.695	29829.32	34469.859	21.827	23439.504	33.524	1.015	14.744
11/3/2017 6:05	115500	73.15	17.951	166.732	29818.092	34457.348	21.818	23430.998	33.537	1.015	14.745
11/3/2017 6:10	115800	73.13	17.951	166.685	29839.381	34482.148	21.835	23447.863	33.513	1.015	14.746
11/3/2017 6:15	116100	73.128	17.951	166.681	29828.277	34469.25	21.826	23439.09	33.525	1.015	14.748
11/3/2017 6:20	116400	73.129	17.951	166.683	29817.129	34456.504	21.817	23430.426	33.538	1.015	14.745
11/3/2017 6:25	116700	73.134	17.951	16							

11/3/2017 17:15	155700	73.11	17951	166.639	29828.428	34469.289	21.826	23430.117	33.525	1.015	14.73
11/3/2017 17:20	156000	73.118	17951	166.657	29821.965	34461.895	21.821	23434.09	33.532	1.015	14.729
11/3/2017 17:25	156300	73.11	17951	166.64	29820.869	34460.629	21.82	23433.229	33.534	1.015	14.728
11/3/2017 17:30	156600	73.11	17951	166.641	29829.379	34470.391	21.827	23439.867	33.524	1.015	14.727
11/3/2017 17:35	156900	73.113	17951	166.647	29818.154	34457.355	21.818	23431.004	33.537	1.015	14.727
11/3/2017 17:40	157200	73.108	17951	166.637	29820.095	34460.227	21.82	23432.957	33.534	1.015	14.727
11/3/2017 17:45	157500	73.108	17951	166.636	29824.552	34464.666	21.825	23435.701	33.529	1.015	14.731
11/3/2017 17:50	157800	73.104	17951	166.626	29826.461	34467.219	21.825	23437.709	33.527	1.015	14.729
11/3/2017 17:55	158100	73.102	17951	166.623	29836.072	34477.867	21.832	23444.949	33.516	1.015	14.73
11/3/2017 18:00	158400	73.1	17951	166.618	29814.248	34452.84	21.815	23427.934	33.541	1.015	14.731
11/3/2017 18:05	158700	73.115	17951	166.652	29814.678	34453.402	21.815	23428.316	33.541	1.015	14.729
11/3/2017 18:10	159000	73.118	17951	166.659	29824.432	34464.746	21.823	23436.027	33.53	1.015	14.727
11/3/2017 18:15	159300	73.116	17951	166.654	29816.83	34455.684	21.821	23439.869	33.538	1.015	14.725
11/3/2017 18:20	159600	73.116	17951	166.654	29822.225	34462.324	21.821	23434.381	33.532	1.015	14.726
11/3/2017 18:25	159900	73.093	17951	166.602	29820.59	34460.105	21.82	23432.873	33.534	1.015	14.728
11/3/2017 18:30	160200	73.091	17951	166.596	29828.793	34469.914	21.827	23439.543	33.525	1.015	14.73
11/3/2017 18:35	160500	73.087	17951	166.587	29806.025	34443.477	21.808	23421.566	33.55	1.015	14.73
11/3/2017 18:40	160800	73.09	17951	166.594	29813.576	34452.129	21.814	23427.449	33.542	1.015	14.731
11/3/2017 18:45	161100	73.083	17951	166.578	29832.806	34474.457	21.83	23432.633	33.52	1.015	14.732
11/3/2017 18:50	161400	73.089	17951	166.593	29812.75	34450.918	21.813	23426.627	33.543	1.015	14.732
11/3/2017 18:55	161700	73.087	17951	166.589	29822.674	34462.383	21.821	23434.422	33.532	1.015	14.732
11/3/2017 19:00	162000	73.089	17951	166.592	29808.234	34446.086	21.81	23423.34	33.548	1.015	14.731
11/3/2017 19:05	162300	73.084	17951	166.582	29837.559	34479.586	21.833	23446.119	33.515	1.015	14.732
11/3/2017 19:10	162600	73.109	17951	166.638	29809.723	34447.809	21.811	23424.512	33.546	1.015	14.733
11/3/2017 19:15	162900	73.085	17951	166.584	29837.754	34479.672	21.833	23446.178	33.515	1.015	14.734
11/3/2017 19:20	163200	73.103	17951	166.625	29798.57	34434.922	21.802	23415.748	33.559	1.015	14.731
11/3/2017 19:25	163500	73.088	17951	166.59	29817.191	34456.508	21.817	23430.428	33.538	1.015	14.729
11/3/2017 19:30	163800	73.093	17951	166.601	29836.016	34477.93	21.832	23444.994	33.517	1.015	14.727
11/3/2017 19:35	164100	73.093	17951	166.602	29825.412	34465.41	21.824	23436.48	33.528	1.015	14.729
11/3/2017 19:40	164400	73.088	17951	166.591	29811.711	34449.91	21.813	23425.941	33.544	1.015	14.732
11/3/2017 19:45	164700	73.086	17952	166.585	29804.551	34464.348	21.823	23435.756	33.529	1.015	14.734
11/3/2017 19:50	165000	73.108	17951	166.637	29838.471	34480.641	21.834	23446.836	33.514	1.015	14.731
11/3/2017 19:55	165300	73.096	17951	166.609	29820.566	34460.078	21.82	23432.854	33.534	1.015	14.728
11/3/2017 20:00	165600	73.099	17951	166.616	29828.705	34469.277	21.826	23439.109	33.525	1.015	14.725
11/3/2017 20:05	165900	73.098	17951	166.613	29845.664	34489.41	21.84	23452.801	33.506	1.015	14.726
11/3/2017 20:10	166200	73.114	17951	166.65	29831.041	34472.309	21.828	23441.172	33.522	1.015	14.728
11/3/2017 20:15	166500	73.09	17951	166.595	29804.326	34464.429	21.823	23435.809	33.53	1.015	14.73
11/3/2017 20:20	166800	73.117	17951	166.655	29824.986	34465.113	21.823	23426.279	33.529	1.015	14.733
11/3/2017 20:25	167100	73.099	17951	166.615	29825.541	34465.891	21.824	23436.809	33.528	1.015	14.731
11/3/2017 20:30	167400	73.098	17951	166.612	29829.455	34470.746	21.827	23440.109	33.524	1.015	14.731
11/3/2017 20:35	167700	73.122	17951	166.667	29821.896	34461.68	21.821	23433.945	33.532	1.015	14.731
11/3/2017 20:40	168000	73.107	17951	166.633	29834.666	34476.371	21.831	23443.934	33.518	1.015	14.731
11/3/2017 20:45	168300	73.123	17951	166.669	29797.94	34454.145	21.802	23415.221	33.503	1.015	14.731
11/3/2017 20:50	168600	73.127	17951	166.629	29815.285	34454.102	21.816	23428.791	33.54	1.015	14.731
11/3/2017 20:55	168900	73.11	17951	166.64	29828.711	34469.418	21.826	23439.207	33.525	1.015	14.73
11/3/2017 21:00	169200	73.129	17952	166.684	29835.295	34476.563	21.831	23444.063	33.517	1.015	14.73
11/3/2017 21:05	169500	73.134	17951	166.694	29832.773	34474.246	21.83	23442.49	33.52	1.015	14.73
11/3/2017 21:10	169800	73.116	17951	166.653	29813.797	34452.32	21.814	23427.58	33.542	1.015	14.731
11/3/2017 21:15	170100	73.119	17951	166.661	29836.025	34478.07	21.832	23445.09	33.517	1.015	14.732
11/3/2017 21:20	170400	73.117	17951	166.657	29821.273	34461.023	21.82	23433.496	33.533	1.015	14.732
11/3/2017 21:25	170700	73.123	17951	166.669	29815.869	34454.715	21.816	23429.209	33.539	1.015	14.732
11/3/2017 21:30	171000	73.126	17952	166.676	29825.934	34465.949	21.824	23436.848	33.528	1.015	14.733
11/3/2017 21:35	171300	73.141	17951	166.71	29825.234	34465.602	21.824	23436.611	33.529	1.015	14.734
11/3/2017 21:40	171600	73.125	17951	166.674	29840.314	34483.227	21.836	23448.596	33.512	1.015	14.735
11/3/2017 21:45	171900	73.13	17951	166.685	29832.492	34473.859	21.829	23442.227	33.52	1.015	14.736
11/3/2017 21:50	172200	73.144	17951	166.717	29819.902	34459.105	21.819	23432.191	33.525	1.015	14.735
11/3/2017 21:55	172500	73.132	17951	166.689	29833.396	34453.164	21.83	23443.113	33.519	1.015	14.735
11/3/2017 22:00	172800	73.138	17951	166.704	29835.102	34477.074	21.832	23444.41	33.518	1.015	14.734
11/3/2017 22:05	173100	73.138	17951	166.703	29824.807	34465.043	21.823	23436.23	33.529	1.015	14.734
11/3/2017 22:10	173400	73.142	17951	166.713	29829.152	34469.797	21.827	23439.465	33.524	1.015	14.733
11/3/2017 22:15	173700	73.15	17951	166.731	29841.484	34484.379	21.837	23449.379	33.51	1.015	14.732
11/3/2017 22:20	174000	73.151	17951	166.733	29807.047	34444.582	21.809	23422.18	33.549	1.015	14.749
11/3/2017 22:25	174300	73.148	17951	166.727	29832.293	34473.832	21.829	23442.205	33.521	1.015	14.736
11/3/2017 22:30	174600	73.147	17951	166.724	29821.746	34461.371	21.821	23433.732	33.533	1.015	14.738
11/3/2017 22:35	174900	73.149	17951	166.728	29832.117	34473.629	21.829	23442.07	33.521	1.015	14.739
11/3/2017 22:40	175200	73.173	17951	166.784	29825.121	34465.406	21.824	23436.479	33.529	1.015	14.74
11/3/2017 22:45	175500	73.151	17.95	166.734	29834.117	34476.195	21.831	23443.813	33.519	1.015	14.741
11/3/2017 22:50	175800	73.156	17951	166.756	29830.178	34471.582	21.828	23440.678	33.523	1.015	14.738
11/3/2017 22:55	176100	73.163	17951	166.76	29837.502	34479.648	21.833	23446.164	33.515	1.015	14.734
11/3/2017 23:00	176400	73.188	17951	166.817	29825.1	34465.52	21.824	23436.555	33.529	1.015	14.73
11/3/2017 23:05	176700	73.171	17951	166.779	29834.564	34476.316	21.831	23443.895	33.518	1.015	14.731
11/3/2017 23:10	177000	73.167	17951	166.77	29832.475	34474.168	21.83	23442.434	33.521	1.015	14.733
11/3/2017 23:15	177300	73.169	17951	166.774	29819.086	34458.367	21.819	23431.689	33.536	1.015	14.735
11/3/2017 23:20	177600	73.173	17951	166.784	29808.453	34458.813	21.81	23432.152	33.548	1.015	14.738
11/3/2017 23:25	177900	73.173	17951	166.783	29819.324	34458.516	21.819	23431.791	33.535	1.015	14.734
11/3/2017 23:30	178200	73.195	17951	166.833	29808.137	34446.113	21.81	23423.359	33.548	1.015	14.734
11/3/2017 23:35	178500	73.176	17951	166.791	29848.875	34492.918	21.843	23455.186	33.502	1.015	14.733
11/3/2017 23:40	178800	73.182	17951	166.804	29819.996	34459.348	21.819	23432.357	33.535	1.015	14.732
11/3/2017 23:45	179100	73.202	17951	166.85	29834.801	34476.59	21.831	23444.082	33.518	1.015	14.731
11/3/2017 23:50	179400	73.184	17951	166.81	29847.348	34482.057	21.829	23441.926	33.521	1.015	14.729
11/3/2017 23:55	179700	73.188	17951	166.817	29811.916	34450.211	21.813	23426.146	33.544	1.015	14.728
11/4/2017 0:00	180000	73.193									

11/4/2017 10:50	219000	73.271	17.951	167.006	29838.025	34480.316	21.834	23446.617	33.514	1.015	14.748
11/4/2017 10:55	219300	73.292	17.951	167.056	29836.389	34478.621	21.833	23445.463	33.516	1.015	14.75
11/4/2017 11:00	219600	73.292	17.951	167.055	29833.27	34474.957	21.83	23442.973	33.52	1.015	14.752
11/4/2017 11:05	219900	73.271	17.951	167.008	29822.799	34462.859	21.822	23434.746	33.531	1.015	14.75
11/4/2017 11:10	220200	73.278	17.951	167.023	29828.619	34469.715	21.827	23439.408	33.525	1.015	14.748
11/4/2017 11:15	220500	73.302	17.951	167.078	29834.975	34476.93	21.832	23444.313	33.518	1.015	14.746
11/4/2017 11:20	220800	73.284	17.951	167.066	29828.591	34469.352	21.829	23439.162	33.525	1.015	14.747
11/4/2017 11:25	221100	73.309	17.951	167.095	29827.039	34467.758	21.825	23438.078	33.527	1.015	14.747
11/4/2017 11:30	221400	73.282	17.951	167.031	29817.955	34456.988	21.818	23430.754	33.537	1.015	14.748
11/4/2017 11:35	221700	73.289	17.951	167.049	29827.379	34468.281	21.826	23438.434	33.526	1.015	14.747
11/4/2017 11:40	222000	73.31	17.951	167.096	29835.113	34477.148	21.832	23444.461	33.518	1.015	14.746
11/4/2017 11:45	222300	73.313	17.951	167.103	29833.391	34475.227	21.83	23443.156	33.519	1.015	14.746
11/4/2017 11:50	222600	73.291	17.951	167.053	29839.047	34481.563	21.835	23447.465	33.513	1.015	14.745
11/4/2017 11:55	222900	73.289	17.951	167.048	29822.217	34462.316	21.821	23434.375	33.532	1.015	14.744
11/4/2017 12:00	223200	73.293	17.951	167.058	29822.48	34462.352	21.821	23434.398	33.532	1.015	14.744
11/4/2017 12:05	223500	73.29	17.951	167.05	29832.945	34474.445	21.83	23442.625	33.52	1.015	14.745
11/4/2017 12:10	223800	73.295	17.951	167.061	29829.307	34470.379	21.827	23439.859	33.524	1.015	14.746
11/4/2017 12:15	224100	73.293	17.951	167.058	29838.131	34480.773	21.834	23446.926	33.514	1.015	14.747
11/4/2017 12:20	224400	73.319	17.951	167.104	29832.736	34474.203	21.83	23442.461	33.52	1.015	14.747
11/4/2017 12:25	224700	73.296	17.951	167.063	29834.105	34476.121	21.831	23443.764	33.519	1.015	14.746
11/4/2017 12:30	225000	73.295	17.951	167.062	29814.35	34452.957	21.815	23428.014	33.541	1.015	14.746
11/4/2017 12:35	225300	73.313	17.951	167.103	29825.201	34465.496	21.824	23436.539	33.529	1.015	14.746
11/4/2017 12:40	225600	73.29	17.951	167.05	29813.422	34452.023	21.814	23427.377	33.542	1.015	14.746
11/4/2017 12:45	225900	73.291	17.95	167.052	29837.096	34479.711	21.833	23446.205	33.515	1.015	14.747
11/4/2017 12:50	226200	73.31	17.951	167.097	29811.822	34450.294	21.813	23426.16	33.544	1.015	14.744
11/4/2017 12:55	226500	73.297	17.951	167.067	29835.129	34476.777	21.831	23444.211	33.518	1.015	14.741
11/4/2017 13:00	226800	73.314	17.951	167.105	29845.625	34489.238	21.84	23452.682	33.506	1.015	14.739
11/4/2017 13:05	227100	73.317	17.95	167.113	29810.477	34448.953	21.812	23425.291	33.545	1.015	14.738
11/4/2017 13:10	227400	73.297	17.951	167.068	29840.027	34482.566	21.835	23448.145	33.512	1.015	14.738
11/4/2017 13:15	227700	73.292	17.951	167.054	29823.873	34475.894	21.823	23445.539	33.53	1.015	14.737
11/4/2017 13:20	228000	73.291	17.95	167.052	29823.469	34463.891	21.822	23435.445	33.531	1.015	14.737
11/4/2017 13:25	228300	73.291	17.951	167.054	29812.564	34450.832	21.813	23426.566	33.543	1.015	14.737
11/4/2017 13:30	228600	73.292	17.951	167.056	29820.873	34460.691	21.82	23433.271	33.534	1.015	14.736
11/4/2017 13:35	228900	73.308	17.951	167.091	29828.176	34468.934	21.826	23438.875	33.525	1.015	14.736
11/4/2017 13:40	229200	73.305	17.951	167.084	29815.656	34454.402	21.816	23428.996	33.539	1.015	14.735
11/4/2017 13:45	229500	73.281	17.951	167.03	29815.213	34454.223	21.816	23428.873	33.54	1.015	14.734
11/4/2017 13:50	229800	73.28	17.951	167.028	29813.071	34451.528	21.814	23417.025	33.541	1.015	14.734
11/4/2017 13:55	230100	73.282	17.951	167.032	29819.396	34458.789	21.819	23431.979	33.535	1.015	14.733
11/4/2017 14:00	230400	73.3	17.951	167.073	29835.01	34476.895	21.832	23444.291	33.518	1.015	14.732
11/4/2017 14:05	230700	73.292	17.951	167.055	29820.881	34460.57	21.82	23433.189	33.534	1.015	14.733
11/4/2017 14:10	231000	73.271	17.951	167.007	29822.271	34462.113	21.821	23434.236	33.532	1.015	14.735
11/4/2017 14:15	231300	73.266	17.951	166.997	29830.709	34471.863	21.828	23440.869	33.523	1.015	14.736
11/4/2017 14:20	231600	73.264	17.951	166.991	29825.219	34465.794	21.824	23436.734	33.529	1.015	14.734
11/4/2017 14:25	231900	73.263	17.951	166.989	29817.146	34456.387	21.817	23430.346	33.538	1.015	14.733
11/4/2017 14:30	232200	73.262	17.951	166.987	29831.344	34472.734	21.829	23441.459	33.522	1.015	14.732
11/4/2017 14:35	232500	73.255	17.951	166.971	29840.912	34483.715	21.836	23448.928	33.511	1.015	14.731
11/4/2017 14:40	232800	73.256	17.951	166.973	29824.861	34464.914	21.823	23436.145	33.529	1.015	14.73
11/4/2017 14:45	233100	73.251	17.951	166.962	29808.732	34446.605	21.81	23423.693	33.547	1.015	14.729
11/4/2017 14:50	233400	73.273	17.951	167.011	29814.364	34475.895	21.821	23443.611	33.518	1.015	14.731
11/4/2017 14:55	233700	73.248	17.951	166.955	29817.172	34456.281	21.817	23430.273	33.538	1.015	14.732
11/4/2017 15:00	234000	73.245	17.951	166.949	29823.322	34463.391	21.822	23435.105	33.531	1.015	14.734
11/4/2017 15:05	234300	73.239	17.951	166.934	29825.277	34465.723	21.824	23436.693	33.529	1.015	14.733
11/4/2017 15:10	234600	73.237	17.951	166.931	29818.43	34457.871	21.818	23431.355	33.536	1.015	14.732
11/4/2017 15:15	234900	73.236	17.951	166.927	29828.438	34469.434	21.826	23439.217	33.525	1.015	14.732
11/4/2017 15:20	235200	73.234	17.951	166.923	29836.729	34479.016	21.833	23446.732	33.516	1.015	14.733
11/4/2017 15:25	235500	73.229	17.951	166.919	29822.9	34464.328	21.823	23437.746	33.52	1.015	14.732
11/4/2017 15:30	235800	73.239	17.951	166.934	29809.998	34448.195	21.811	23424.773	33.546	1.015	14.734
11/4/2017 15:35	236100	73.243	17.951	166.942	29829.734	34471.07	21.827	23440.328	33.524	1.015	14.733
11/4/2017 15:40	236400	73.238	17.95	166.933	29829.898	34471.723	21.828	23440.773	33.523	1.015	14.731
11/4/2017 15:45	236700	73.224	17.951	166.899	29820.727	34460.594	21.82	23433.205	33.534	1.015	14.73
11/4/2017 15:50	237000	73.214	17.951	166.878	29821.063	34460.777	21.82	23433.328	33.533	1.015	14.732
11/4/2017 15:55	237300	73.219	17.951	166.913	29810.951	34449.074	21.812	23415.373	33.545	1.015	14.733
11/4/2017 16:00	237600	73.22	17.951	166.89	29831.674	34473.043	21.829	23441.672	33.521	1.015	14.736
11/4/2017 16:05	237900	73.197	17.951	166.838	29808.77	34446.773	21.811	23423.807	33.547	1.015	14.736
11/4/2017 16:10	238200	73.198	17.951	166.842	29819.506	34459.055	21.819	23432.16	33.535	1.015	14.736
11/4/2017 16:15	238500	73.195	17.951	166.835	29808.848	34446.934	21.811	23423.918	33.547	1.015	14.737
11/4/2017 16:20	238800	73.189	17.951	166.819	29807.676	34445.309	21.809	23422.811	33.548	1.015	14.737
11/4/2017 16:25	239100	73.186	17.951	166.803	29818.551	34451.863	21.815	23431.314	33.536	1.015	14.736
11/4/2017 16:30	239400	73.203	17.951	166.851	29826.652	34467.176	21.825	23437.682	33.527	1.015	14.738
11/4/2017 16:35	239700	73.182	17.951	166.805	29820.852	34460.336	21.82	23433.031	33.534	1.015	14.735
11/4/2017 16:40	240000	73.182	17.951	166.804	29818.383	34457.426	21.818	23431.049	33.536	1.015	14.733
11/4/2017 16:45	240300	73.179	17.951	166.799	29821.107	34460.832	21.82	23433.367	33.533	1.015	14.733
11/4/2017 16:50	240600	73.175	17.951	166.788	29819.234	34458.867	21.819	23432.029	33.535	1.015	14.733
11/4/2017 16:55	240900	73.168	17.951	166.773	29814.355	34453.027	21.815	23428.061	33.541	1.015	14.736
11/4/2017 17:00	241200	73.161	17.951	166.757	29834.646	34476.348	21.831	23443.916	33.518	1.015	14.739
11/4/2017 17:05	241500	73.158	17.951	166.75	29848.68	34492.766	21.843	23455.082	33.502	1.015	14.739
11/4/2017 17:10	241800	73.177	17.951	166.792	29820.674	34460.531	21.82	23433.162	33.534	1.015	14.739
11/4/2017 17:15	242100	73.172	17.951	166.782	29823.074	34462.848	21.822	23434.738	33.531	1.015	14.739
11/4/2017 17:20	242400	73.147	17.951	166.724	29821.596	34461.527	21.821	23433.84	33.533	1.015	14.738
11/4/2017 17:25	242700	73.148	17.951	166.727	29815.629	34454.551	21.816	23429.096	33.539	1.015	14.739
11/4/2017 17:30	243000	73.142	17.951	166.714	29831.199	34472.363</					

11/5/2017 3:25	282300	73.183	17.95	166.807	29829.996	34471.434	21.828	23440.574	33.523	1.015	14.785
11/5/2017 3:30	282600	73.181	17.951	166.801	29828.631	34469.598	21.826	23439.328	33.525	1.015	14.786
11/5/2017 3:35	282900	73.185	17.951	166.811	29819.498	34458.773	21.819	23431.969	33.535	1.015	14.786
11/5/2017 3:40	283200	73.202	17.951	166.85	29838.797	34481.348	21.835	23447.316	33.513	1.015	14.785
11/5/2017 3:45	283500	73.205	17.951	166.857	29823.08	34463.109	21.822	23434.916	33.531	1.015	14.784
11/5/2017 3:50	283800	73.177	17.951	166.794	29823.434	34463.52	21.822	23435.193	33.531	1.015	14.784
11/5/2017 3:55	284100	73.183	17.951	166.806	29831.35	34472.867	21.829	23441.551	33.522	1.015	14.783
11/5/2017 4:00	284400	73.18	17.951	166.799	29824.041	34464.355	21.823	23435.762	33.53	1.015	14.782
11/5/2017 4:05	284700	73.182	17.951	166.804	29836.732	34478.887	21.833	23445.645	33.516	1.015	14.783
11/5/2017 4:10	285000	73.18	17.951	166.801	29830.781	34472.082	21.828	23441.018	33.522	1.015	14.783
11/5/2017 4:15	285300	73.181	17.951	166.802	29831.824	34473.348	21.829	23441.877	33.521	1.015	14.784
11/5/2017 4:20	285600	73.174	17.951	166.785	29840.742	34483.52	21.836	23448.793	33.511	1.015	14.785
11/5/2017 4:25	285900	73.171	17.951	166.78	29829.25	34470.512	21.827	23439.949	33.527	1.015	14.787
11/5/2017 4:30	286200	73.171	17.951	166.78	29843.473	34486.945	21.839	23451.125	33.508	1.015	14.788
11/5/2017 4:35	286500	73.177	17.951	166.794	29824.961	34465.418	21.824	23436.484	33.529	1.015	14.788
11/5/2017 4:40	286800	73.173	17.951	166.785	29823.615	34463.863	21.822	23435.428	33.53	1.015	14.789
11/5/2017 4:45	287100	73.19	17.951	166.823	29830.689	34472.035	21.828	23440.984	33.523	1.015	14.789
11/5/2017 4:50	287400	73.17	17.951	166.777	29835.068	34477.039	21.832	23444.387	33.518	1.015	14.79
11/5/2017 4:55	287700	73.164	17.951	166.765	29819.721	34459.488	21.819	23432.455	33.535	1.015	14.791
11/5/2017 5:00	288000	73.169	17.951	166.775	29843.721	34486.961	21.839	23451.133	33.508	1.015	14.792
11/5/2017 5:05	288300	73.17	17.951	166.778	29810.723	34448.703	21.812	23425.119	33.545	1.015	14.793
11/5/2017 5:10	288600	73.168	17.951	166.772	29802.846	34439.859	21.806	23419.107	33.554	1.015	14.793
11/5/2017 5:15	288900	73.167	17.951	166.77	29812.779	34451.078	21.814	23426.732	33.543	1.015	14.794
11/5/2017 5:20	289200	73.166	17.95	166.768	29818.117	34457.707	21.818	23431.242	33.537	1.015	14.793
11/5/2017 5:25	289500	73.187	17.951	166.815	29823.506	34463.871	21.822	23435.432	33.531	1.015	14.792
11/5/2017 5:30	289800	73.172	17.95	166.781	29821.91	34462.164	21.821	23434.273	33.532	1.015	14.79
11/5/2017 5:35	290100	73.189	17.951	166.821	29827.16	34468.098	21.825	23438.307	33.526	1.015	14.791
11/5/2017 5:40	290400	73.169	17.951	166.774	29807.605	34445.164	21.809	23422.713	33.548	1.015	14.791
11/5/2017 5:45	290700	73.171	17.951	166.778	29823.406	34463.621	21.822	23435.262	33.531	1.015	14.792
11/5/2017 5:50	291000	73.172	17.951	166.781	29829.002	34470.223	21.827	23439.752	33.524	1.015	14.791
11/5/2017 5:55	291300	73.195	17.951	166.835	29827.281	34468.168	21.825	23438.355	33.526	1.015	14.791
11/5/2017 6:00	291600	73.174	17.951	166.786	29831.578	34472.867	21.829	23441.551	33.522	1.015	14.791
11/5/2017 6:05	291900	73.178	17.951	166.795	29825.588	34465.613	21.824	23436.619	33.528	1.015	14.792
11/5/2017 6:10	292200	73.174	17.951	166.786	29829.709	34470.844	21.827	23440.174	33.524	1.015	14.793
11/5/2017 6:15	292500	73.188	17.951	166.818	29835.783	34477.922	21.832	23444.988	33.517	1.015	14.795
11/5/2017 6:20	292800	73.178	17.951	166.795	29825.357	34465.945	21.824	23436.846	33.529	1.015	14.794
11/5/2017 6:25	293100	73.175	17.951	166.795	29802.215	34464.405	21.823	23435.945	33.53	1.015	14.795
11/5/2017 6:30	293400	73.182	17.951	166.805	29825.367	34466.023	21.824	23436.896	33.529	1.015	14.793
11/5/2017 6:35	293700	73.18	17.951	166.8	29823.994	34464.238	21.823	23435.682	33.53	1.015	14.795
11/5/2017 6:40	294000	73.2	17.95	166.846	29831.691	34473.469	21.829	23441.959	33.521	1.015	14.797
11/5/2017 6:45	294300	73.175	17.951	166.789	29836.959	34479.223	21.833	23445.871	33.515	1.015	14.8
11/5/2017 6:50	294600	73.175	17.951	166.787	29836.045	34478.094	21.832	23445.105	33.517	1.015	14.8
11/5/2017 6:55	294900	73.182	17.951	166.802	29823.877	34464.164	21.823	23435.634	33.53	1.015	14.803
11/5/2017 7:00	295200	73.184	17.951	166.81	29812.711	34451.203	21.814	23436.818	33.543	1.015	14.801
11/5/2017 7:05	295500	73.2	17.951	166.845	29833.719	34475.539	21.831	23443.369	33.519	1.015	14.804
11/5/2017 7:10	295800	73.188	17.95	166.818	29826.836	34467.781	21.825	23438.094	33.527	1.015	14.806
11/5/2017 7:15	296100	73.205	17.951	166.856	29843.832	34487.293	21.839	23451.361	33.508	1.015	14.809
11/5/2017 7:20	296400	73.19	17.951	166.822	29828.215	34469.246	21.826	23439.088	33.525	1.015	14.807
11/5/2017 7:25	296700	73.189	17.951	166.82	29809.252	34472.254	21.811	23434.133	33.547	1.015	14.807
11/5/2017 7:30	297000	73.193	17.951	166.83	29829.643	34470.766	21.827	23440.123	33.524	1.015	14.803
11/5/2017 7:35	297300	73.201	17.951	166.847	29823.805	34464.148	21.823	23435.621	33.53	1.015	14.802
11/5/2017 7:40	297600	73.2	17.95	166.844	29836.045	34478.625	21.833	23445.465	33.517	1.015	14.802
11/5/2017 7:45	297900	73.223	17.951	166.898	29830.453	34471.762	21.828	23440.799	33.523	1.015	14.801
11/5/2017 7:50	298200	73.206	17.951	166.858	29831.123	34472.676	21.829	23441.422	33.522	1.015	14.805
11/5/2017 7:55	298500	73.206	17.951	166.859	29845.488	34489.137	21.84	23452.613	33.506	1.015	14.809
11/5/2017 8:00	298800	73.204	17.951	166.855	29827.321	34468.133	21.825	23438.332	33.526	1.015	14.813
11/5/2017 8:05	299100	73.23	17.95	166.913	29834.754	34477.008	21.832	23444.367	33.518	1.015	14.811
11/5/2017 8:10	299400	73.235	17.95	166.924	29829.219	34470.609	21.827	23440.014	33.524	1.015	14.81
11/5/2017 8:15	299700	73.215	17.951	166.879	29826.289	34466.891	21.825	23437.486	33.527	1.015	14.808
11/5/2017 8:20	300000	73.225	17.951	166.903	29809.459	34447.57	21.811	23424.25	33.546	1.015	14.808
11/5/2017 8:25	300300	73.224	17.951	166.901	29823.568	34463.945	21.822	23435.484	33.531	1.015	14.809
11/5/2017 8:30	300600	73.246	17.951	166.95	29826.385	34467.817	21.825	23437.65	33.527	1.015	14.809
11/5/2017 8:35	300900	73.226	17.951	166.904	29830.025	34471.406	21.828	23440.557	33.523	1.015	14.811
11/5/2017 8:40	301200	73.233	17.95	166.92	29835.695	34478.219	21.832	23445.191	33.517	1.015	14.813
11/5/2017 8:45	301500	73.229	17.95	166.912	29830.264	34471.816	21.828	23440.838	33.523	1.015	14.815
11/5/2017 8:50	301800	73.239	17.951	166.933	29828.566	34469.582	21.826	23439.318	33.525	1.015	14.814
11/5/2017 8:55	302100	73.257	17.95	166.975	29839.98	34482.969	21.836	23448.422	33.512	1.015	14.813
11/5/2017 9:00	302400	73.282	17.95	166.938	29826.482	34467.645	21.825	23438.332	33.527	1.015	14.812
11/5/2017 9:05	302700	73.246	17.951	166.949	29858.031	34503.633	21.85	23462.471	33.492	1.015	14.813
11/5/2017 9:10	303000	73.252	17.951	166.964	29822.611	34462.641	21.822	23434.598	33.532	1.015	14.812
11/5/2017 9:15	303300	73.272	17.95	167.009	29829.967	34471.473	21.828	23440.604	33.523	1.015	14.811
11/5/2017 9:20	303600	73.274	17.95	167.014	29815.461	34454.77	21.816	23429.244	33.54	1.015	14.813
11/5/2017 9:25	303900	73.255	17.951	166.971	29832.785	34474.457	21.83	23442.633	33.52	1.015	14.814
11/5/2017 9:30	304200	73.259	17.951	166.981	29820.607	34460.523	21.821	23433.156	33.534	1.015	14.814
11/5/2017 9:35	304500	73.28	17.951	167.027	29842.221	34485.301	21.837	23450.004	33.51	1.015	14.817
11/5/2017 9:40	304800	73.264	17.951	166.991	29811.393	34449.805	21.813	23425.869	33.544	1.015	14.817
11/5/2017 9:45	305100	73.262	17.95	166.988	29835.295	34477.758	21.832	23444.875	33.517	1.015	14.818
11/5/2017 9:50	305400	73.267	17.951	166.999	29818.672	34458.148	21.818	23431.541	33.536	1.015	14.817
11/5/2017 9:55	305700	73.291	17.95	167.052	29824.359	34465.121	21.823	23436.285	33.53	1.015	14.816
11/5/2017 10:00	306000	73.273	17.95	167.012	29833.385	34463.793	21.821	23435.381	33.531	1.015	14.815
11/5/2017 10:05	306300	73.282	17.951	167.032	29827.27	34468.152	21.825	23438.346	33.526	1.015	14.815
11/5/2017 10:10	306600	73.2									

11/5/2017 21:00	345600	73.127	17.95	166.68	29807.875	34446.004	21.81	23423.285	33.548	1.015	14.781
11/5/2017 21:05	345900	73.114	17.95	166.649	29816.779	34456.234	21.817	23430.24	33.538	1.015	14.783
11/5/2017 21:10	346200	73.112	17.95	166.645	29812.434	34451.215	21.814	23426.826	33.543	1.015	14.785
11/5/2017 21:15	346500	73.11	17.951	166.639	29827.541	34468.398	21.826	23438.514	33.526	1.015	14.788
11/5/2017 21:20	346800	73.109	17.951	166.637	29820.018	34459.508	21.819	23432.467	33.535	1.015	14.79
11/5/2017 21:25	347100	73.111	17.951	166.642	29826.72	34467.543	21.825	23437.332	33.527	1.015	14.792
11/5/2017 21:30	347400	73.104	17.951	166.626	29822.027	34462.027	21.821	23434.382	33.524	1.015	14.794
11/5/2017 21:35	347700	73.11	17.95	166.64	29819.512	34459.449	21.819	23432.426	33.535	1.015	14.792
11/5/2017 21:40	348000	73.112	17.95	166.646	29809.805	34448.176	21.811	23424.762	33.546	1.015	14.791
11/5/2017 21:45	348300	73.12	17.95	166.663	29811.057	34449.746	21.813	23425.828	33.545	1.015	14.789
11/5/2017 21:50	348600	73.121	17.951	166.665	29815.451	34454.566	21.816	23429.105	33.54	1.015	14.789
11/5/2017 21:55	348900	73.126	17.95	166.677	29812.973	34452.16	21.814	23427.469	33.542	1.015	14.788
11/5/2017 22:00	349200	73.127	17.951	166.679	29816.004	34456.004	21.825	23436.885	33.528	1.015	14.791
11/5/2017 22:05	349500	73.121	17.95	166.666	29825.27	34466.242	21.824	23437.047	33.529	1.015	14.788
11/5/2017 22:10	349800	73.132	17.951	166.69	29835.021	34477.113	21.832	23444.439	33.518	1.015	14.789
11/5/2017 22:15	350100	73.132	17.95	166.691	29820.822	34460.832	21.82	23433.367	33.534	1.015	14.791
11/5/2017 22:20	350400	73.134	17.951	166.695	29820.764	34460.434	21.82	23433.096	33.534	1.015	14.79
11/5/2017 22:25	350700	73.139	17.951	166.707	29823.414	34463.496	21.822	23435.18	33.531	1.015	14.79
11/5/2017 22:30	351000	73.139	17.95	166.706	29822.229	34462.531	21.821	23434.523	33.532	1.015	14.789
11/5/2017 22:35	351300	73.139	17.95	166.705	29826.781	34467.852	21.825	23438.139	33.527	1.015	14.79
11/5/2017 22:40	351600	73.145	17.951	166.719	29815.625	34454.695	21.816	23429.195	33.539	1.015	14.791
11/5/2017 22:45	351900	73.138	17.951	166.704	29826.637	34467.156	21.825	23437.668	33.527	1.015	14.792
11/5/2017 22:50	352200	73.145	17.95	166.72	29825.123	34465.801	21.824	23436.744	33.529	1.015	14.792
11/5/2017 22:55	352500	73.148	17.95	166.727	29818.135	34457.526	21.818	23431.393	33.537	1.015	14.792
11/5/2017 23:00	352800	73.145	17.95	166.721	29829.83	34471.316	21.828	23440.496	33.523	1.015	14.791
11/5/2017 23:05	353100	73.152	17.95	166.735	29826.406	34467.285	21.825	23437.756	33.527	1.015	14.793
11/5/2017 23:10	353400	73.153	17.95	166.739	29833.773	34476.199	21.831	23443.816	33.519	1.015	14.794
11/5/2017 23:15	353700	73.179	17.95	166.796	29833.389	34475.352	21.83	23443.24	33.519	1.015	14.795
11/5/2017 23:20	354000	73.16	17.95	166.754	29823.443	34464.191	21.823	23435.652	33.531	1.015	14.794
11/5/2017 23:25	354300	73.178	17.95	166.796	29827.262	34468.547	21.826	23438.611	33.526	1.015	14.793
11/5/2017 23:30	354600	73.162	17.951	166.759	29834.271	34476.313	21.831	23443.893	33.518	1.015	14.792
11/5/2017 23:35	354900	73.161	17.95	166.755	29825.662	34466.895	21.825	23437.488	33.528	1.015	14.791
11/5/2017 23:40	355200	73.182	17.951	166.804	29827.334	34468.16	21.825	23438.352	33.526	1.015	14.791
11/5/2017 23:45	355500	73.168	17.95	166.773	29840.365	34483.688	21.836	23448.91	33.512	1.015	14.791
11/5/2017 23:50	355800	73.171	17.951	166.78	29834.74	34476.855	21.831	23444.264	33.518	1.015	14.791
11/5/2017 23:55	356100	73.173	17.95	166.784	29817.873	34457.422	21.818	23431.047	33.537	1.015	14.791
11/6/2017 0:00	356400	73.179	17.95	166.798	29836.624	34479.098	21.833	23445.766	33.516	1.015	14.791
11/6/2017 0:05	356700	73.178	17.95	166.795	29818.367	34458.129	21.818	23431.527	33.536	1.015	14.793
11/6/2017 0:10	357000	73.175	17.951	166.787	29818.061	34457.582	21.818	23431.158	33.537	1.015	14.795
11/6/2017 0:15	357300	73.18	17.951	166.799	29823.6	34463.844	21.822	23435.416	33.53	1.015	14.797
11/6/2017 0:20	357600	73.177	17.95	166.793	29825.924	34466.727	21.824	23437.377	33.528	1.015	14.795
11/6/2017 0:25	357900	73.204	17.951	166.854	29818.797	34458.43	21.819	23431.734	33.536	1.015	14.792
11/6/2017 0:30	358200	73.209	17.95	166.866	29838.674	34461.664	21.825	23447.533	33.514	1.015	14.79
11/6/2017 0:35	358500	73.206	17.95	166.859	29826.781	34467.719	21.825	23438.049	33.527	1.015	14.79
11/6/2017 0:40	358800	73.188	17.95	166.817	29824.174	34464.906	21.823	23436.139	33.53	1.015	14.789
11/6/2017 0:45	359100	73.195	17.95	166.835	29818.484	34458.402	21.819	23431.713	33.536	1.015	14.789
11/6/2017 0:50	359400	73.198	17.951	166.841	29840.99	34484.008	21.836	23449.125	33.511	1.015	14.788
11/6/2017 0:55	359700	73.199	17.95	166.844	29834.484	34476.891	21.831	23444.287	33.518	1.015	14.787
11/6/2017 1:00	360000	73.206	17.95	166.856	29824.309	34465.191	21.823	23436.33	33.53	1.015	14.786
11/6/2017 1:05	360300	73.221	17.95	166.893	29826.303	34467.367	21.825	23437.811	33.527	1.015	14.789
11/6/2017 1:10	360600	73.201	17.95	166.848	29821.34	34461.43	21.821	23433.773	33.533	1.015	14.792
11/6/2017 1:15	360900	73.205	17.95	166.857	29815.822	34455.254	21.816	23429.572	33.539	1.015	14.795
11/6/2017 1:20	361200	73.218	17.951	166.887	29841.188	34484.109	21.837	23449.195	33.511	1.015	14.795
11/6/2017 1:25	361500	73.202	17.951	166.85	29821.266	34461.148	21.821	23433.582	33.533	1.015	14.796
11/6/2017 1:30	361800	73.199	17.95	166.843	29835.424	34477.836	21.832	23444.93	33.517	1.015	14.796
11/6/2017 1:35	362100	73.197	17.951	166.839	29818.678	34458.227	21.818	23431.596	33.526	1.015	14.796
11/6/2017 1:40	362400	73.22	17.951	166.891	29831.254	34472.555	21.828	23441.34	33.522	1.015	14.796
11/6/2017 1:45	362700	73.198	17.95	166.841	29822.777	34463.09	21.822	23434.902	33.531	1.015	14.796
11/6/2017 1:50	363000	73.199	17.95	166.844	29807.461	34445.664	21.81	23423.055	33.549	1.015	14.795
11/6/2017 1:55	363300	73.229	17.95	166.911	29828.332	34469.641	21.826	23439.355	33.525	1.015	14.794
11/6/2017 2:00	363600	73.208	17.95	166.863	29824.18	34464.914	21.823	23436.145	33.53	1.015	14.793
11/6/2017 2:05	363900	73.212	17.95	166.872	29826.48	34478.678	21.825	23445.488	33.516	1.015	14.792
11/6/2017 2:10	364200	73.202	17.951	166.851	29832.48	34474.242	21.83	23442.486	33.521	1.015	14.791
11/6/2017 2:15	364500	73.209	17.951	166.865	29816.691	34455.859	21.817	23429.984	33.538	1.015	14.79
11/6/2017 2:20	364800	73.211	17.95	166.87	29846.545	34490.688	21.841	23453.668	33.505	1.015	14.79
11/6/2017 2:25	365100	73.21	17.95	166.868	29810.361	34448.875	21.812	23425.236	33.545	1.015	14.79
11/6/2017 2:30	365400	73.229	17.951	166.911	29818.383	34457.953	21.818	23431.41	33.536	1.015	14.79
11/6/2017 2:35	365700	73.214	17.95	166.878	29826.582	34473.893	21.825	23437.893	33.527	1.015	14.789
11/6/2017 2:40	366000	73.212	17.95	166.872	29822.988	34463.535	21.822	23435.205	33.531	1.015	14.788
11/6/2017 2:45	366300	73.212	17.95	166.872	29826.471	34467.559	21.825	23437.941	33.527	1.015	14.787
11/6/2017 2:50	366600	73.229	17.951	166.911	29825.654	34466.219	21.824	23437.031	33.528	1.015	14.789
11/6/2017 2:55	366900	73.212	17.951	166.874	29814.225	34453.148	21.815	23428.143	33.541	1.015	14.791
11/6/2017 3:00	367200	73.2	17.95	166.846	29831.082	34472.891	21.829	23441.688	33.522	1.015	14.793
11/6/2017 3:05	367500	73.205	17.95	166.858	29830.559	34472.082	21.828	23441.018	33.523	1.015	14.792
11/6/2017 3:10	367800	73.21	17.951	166.869	29814.506	34453.473	21.815	23428.361	33.541	1.015	14.789
11/6/2017 3:15	368100	73.207	17.95	166.862	29826.246	34467.098	21.825	23437.627	33.528	1.015	14.788
11/6/2017 3:20	368400	73.21	17.95	166.868	29826.887	34467.914	21.825	23438.184	33.527	1.015	14.79
11/6/2017 3:25	368700	73.227	17.95	166.907	29822.691	34463.125	21.822	23434.928	33.532	1.015	14.793
11/6/2017 3:30	369000	73.205	17.95	166.857	29824.504	34465.289	21.823	23436.398	33.529	1.015	14.795
11/6/2017 3:35	369300	73.202	17.95	166.85	29843.652	34487.414	21.829	23451.443	33.508	1.015	14.796
11/6/2017 3:40	369600	73.199	17.951	166.842	29824.371	34464.602	21.823	23435.93	33.53	1.015	14.795
11/6/2017 3:45	369900	73.207	17.								

11/6/2017 14:35	408900	73.201	17.95	167.076	29823.283	34463.75	21.822	23425.35	33.531	1.015	14.768
11/6/2017 14:40	409200	73.324	17.95	167.127	29834.498	34476.965	21.832	23444.338	33.518	1.015	14.768
11/6/2017 14:45	409500	73.298	17.951	167.068	29824.404	34464.91	21.823	23436.141	33.53	1.015	14.769
11/6/2017 14:50	409800	73.298	17.95	167.069	29830.227	34471.832	21.828	23440.848	33.523	1.015	14.768
11/6/2017 14:55	410100	73.295	17.95	167.062	29821.613	34461.879	21.821	23434.08	33.533	1.015	14.768
11/6/2017 15:00	410400	73.289	17.95	167.049	29826.993	34468.016	21.825	23438.252	33.527	1.015	14.768
11/6/2017 15:05	410700	73.307	17.95	167.088	29829.914	34471.469	21.829	23440.669	33.529	1.015	14.77
11/6/2017 15:10	411000	73.283	17.95	167.035	29831.893	34473.898	21.829	23442.254	33.521	1.015	14.77
11/6/2017 15:15	411300	73.282	17.95	167.033	29819.691	34459.797	21.82	23432.662	33.535	1.015	14.77
11/6/2017 15:20	411600	73.294	17.951	167.059	29822.178	34462.34	21.821	23434.391	33.532	1.015	14.77
11/6/2017 15:25	411900	73.292	17.95	167.055	29815.703	34455.047	21.816	23429.432	33.539	1.015	14.769
11/6/2017 15:30	412200	73.276	17.95	167.018	29830.275	34471.832	21.828	23440.848	33.523	1.015	14.768
11/6/2017 15:35	412500	73.269	17.95	167.023	29829.645	34471.102	21.827	23440.352	33.527	1.015	14.768
11/6/2017 15:40	412800	73.283	17.95	167.034	29824.348	34465.039	21.823	23436.229	33.53	1.015	14.768
11/6/2017 15:45	413100	73.255	17.95	166.972	29825.67	34466.707	21.824	23437.363	33.528	1.015	14.769
11/6/2017 15:50	413400	73.26	17.95	166.981	29831.217	34472.977	21.829	23441.625	33.522	1.015	14.766
11/6/2017 15:55	413700	73.257	17.95	166.975	29826.926	34467.961	21.825	23438.213	33.527	1.015	14.764
11/6/2017 16:00	414000	73.275	17.95	167.016	29827.277	34468.492	21.826	23438.576	33.526	1.015	14.762
11/6/2017 16:05	414300	73.223	17.95	167.014	29829.614	34470.988	21.827	23440.273	33.524	1.015	14.763
11/6/2017 16:10	414600	73.246	17.95	166.95	29830.17	34471.633	21.828	23440.713	33.523	1.015	14.765
11/6/2017 16:15	414900	73.256	17.95	166.973	29823.857	34464.414	21.823	23435.805	33.53	1.015	14.767
11/6/2017 16:20	415200	73.253	17.95	166.967	29798.822	34435.539	21.803	23416.166	33.558	1.015	14.767
11/6/2017 16:25	415500	73.23	17.95	166.913	29819.596	34459.617	21.819	23432.541	33.535	1.015	14.768
11/6/2017 16:30	415800	73.246	17.95	166.95	29817.037	34456.59	21.817	23430.48	33.538	1.015	14.768
11/6/2017 16:35	416100	73.223	17.95	166.899	29834.699	34476.941	21.832	23444.32	33.518	1.015	14.77
11/6/2017 16:40	416400	73.235	17.95	166.926	29813.609	34452.699	21.815	23427.838	33.542	1.015	14.771
11/6/2017 16:45	416700	73.233	17.95	166.921	29828.441	34469.91	21.827	23439.541	33.525	1.015	14.772
11/6/2017 16:50	417000	73.229	17.95	166.912	29834.891	34477.363	21.832	23444.609	33.518	1.015	14.773
11/6/2017 16:55	417300	73.201	17.95	166.847	29816.662	34456.227	21.817	23430.234	33.538	1.015	14.774
11/6/2017 17:00	417600	73.217	17.95	166.883	29816.635	34456.066	21.817	23430.127	33.538	1.015	14.775
11/6/2017 17:05	417900	73.198	17.95	166.84	29810.447	34449.113	21.827	23435.398	33.545	1.015	14.776
11/6/2017 17:10	418200	73.191	17.951	166.824	29816.064	34455.203	21.816	23429.541	33.539	1.015	14.773
11/6/2017 17:15	418500	73.21	17.95	166.868	29828.254	34469.496	21.826	23439.258	33.525	1.015	14.771
11/6/2017 17:20	418800	73.186	17.95	166.815	29838.037	34480.996	21.834	23447.078	33.514	1.015	14.771
11/6/2017 17:25	419100	73.187	17.95	166.817	29830.537	34472.059	21.828	23441.002	33.523	1.015	14.771
11/6/2017 17:30	419400	73.204	17.95	166.854	29824.783	34465.484	21.824	23436.531	33.529	1.015	14.771
11/6/2017 17:35	419700	73.174	17.951	166.795	29813.594	34452.485	21.814	23437.645	33.542	1.015	14.771
11/6/2017 17:40	420000	73.194	17.95	166.833	29824.029	34464.867	21.823	23436.109	33.53	1.015	14.77
11/6/2017 17:45	420300	73.17	17.951	166.776	29807.322	34445.172	21.809	23422.719	33.549	1.015	14.77
11/6/2017 17:50	420600	73.183	17.95	166.806	29818.482	34458.262	21.819	23431.619	33.536	1.015	14.772
11/6/2017 17:55	420900	73.183	17.95	166.806	29825.354	34466.34	21.824	23437.113	33.529	1.015	14.775
11/6/2017 18:00	421200	73.155	17.95	166.744	29828.697	34470.133	21.827	23439.693	33.525	1.015	14.777
11/6/2017 18:05	421500	73.154	17.95	166.724	29806.91	34444.626	21.809	23422.395	33.549	1.015	14.779
11/6/2017 18:10	421800	73.146	17.951	166.722	29810.902	34449.113	21.812	23425.398	33.545	1.015	14.778
11/6/2017 18:15	422100	73.142	17.95	166.714	29823.18	34463.688	21.822	23435.311	33.531	1.015	14.778
11/6/2017 18:20	422400	73.136	17.95	166.7	29820.246	34460.566	21.82	23433.188	33.534	1.015	14.778
11/6/2017 18:25	422700	73.156	17.95	166.744	29814.629	34454.004	21.816	23428.725	33.541	1.015	14.778
11/6/2017 18:30	423000	73.133	17.95	166.692	29846.225	34490.387	21.841	23453.465	33.505	1.015	14.777
11/6/2017 18:35	423300	73.137	17.95	166.701	29803.967	34441.754	21.807	23420.399	33.553	1.015	14.777
11/6/2017 18:40	423600	73.135	17.95	166.697	29804.93	34442.465	21.807	23420.877	33.551	1.015	14.777
11/6/2017 18:45	423900	73.132	17.95	166.69	29823.309	34463.703	21.822	23435.32	33.531	1.015	14.778
11/6/2017 18:50	424200	73.124	17.95	166.673	29831.824	34473.746	21.829	23442.15	33.521	1.015	14.78
11/6/2017 18:55	424500	73.119	17.95	166.66	29823.215	34463.73	21.822	23435.34	33.531	1.015	14.782
11/6/2017 19:00	424800	73.117	17.95	166.656	29817.074	34456.703	21.817	23430.559	33.538	1.015	14.784
11/6/2017 19:05	425100	73.115	17.95	166.653	29837.846	34480.504	21.834	23446.742	33.514	1.015	14.784
11/6/2017 19:10	425400	73.112	17.951	166.644	29822.693	34462.797	21.822	23434.701	33.522	1.015	14.784
11/6/2017 19:15	425700	73.107	17.95	166.633	29822.438	34462.832	21.822	23434.729	33.532	1.015	14.784
11/6/2017 19:20	426000	73.126	17.951	166.676	29813.297	34451.938	21.814	23427.318	33.542	1.015	14.785
11/6/2017 19:25	426300	73.103	17.95	166.625	29830.689	34472.367	21.828	23441.209	33.523	1.015	14.786
11/6/2017 19:30	426600	73.098	17.95	166.613	29830.012	34471.723	21.828	23440.773	33.523	1.015	14.787
11/6/2017 19:35	426900	73.1	17.951	166.617	29816.318	34495.5	21.817	23429.74	33.539	1.015	14.786
11/6/2017 19:40	427200	73.105	17.95	166.606	29834.76	34477.07	21.832	23444.408	33.518	1.015	14.788
11/6/2017 19:45	427500	73.12	17.95	166.662	29831.32	34473.039	21.829	23441.668	33.522	1.015	14.785
11/6/2017 19:50	427800	73.114	17.951	166.649	29820.52	34460.422	21.82	23433.088	33.534	1.015	14.784
11/6/2017 19:55	428100	73.095	17.95	166.607	29815.08	34454.469	21.816	23429.041	33.54	1.015	14.783
11/6/2017 20:00	428400	73.091	17.95	166.597	29826.529	34467.559	21.825	23437.941	33.527	1.015	14.782
11/6/2017 20:05	428700	73.098	17.95	166.614	29846.42	34490.742	21.841	23453.707	33.505	1.015	14.78
11/6/2017 20:10	429000	73.095	17.95	166.606	29809.215	34470.859	21.827	23440.188	33.524	1.015	14.786
11/6/2017 20:15	429300	73.096	17.95	166.607	29834.832	34477.352	21.832	23444.602	33.518	1.015	14.776
11/6/2017 20:20	429600	73.092	17.95	166.599	29830.09	34471.617	21.828	23440.701	33.523	1.015	14.777
11/6/2017 20:25	429900	73.092	17.95	166.599	29827.055	34468.109	21.825	23438.316	33.527	1.015	14.779
11/6/2017 20:30	430200	73.098	17.95	166.612	29835.029	34477.324	21.832	23444.582	33.518	1.015	14.78
11/6/2017 20:35	430500	73.094	17.95	166.603	29835.199	34477.648	21.832	23444.801	33.517	1.015	14.782
11/6/2017 20:40	430800	73.106	17.95	166.631	29825.605	34466.493	21.824	23437.215	33.528	1.015	14.785
11/6/2017 20:45	431100	73.108	17.95	166.572	29807.039	34445.176	21.809	23422.723	33.549	1.015	14.786
11/6/2017 20:50	431400	73.082	17.95	166.577	29818.881	34458.789	21.819	23431.979	33.536	1.015	14.784
11/6/2017 20:55	431700	73.091	17.95	166.596	29821.139	34461.328	21.821	23433.705	33.533	1.015	14.782
11/6/2017 21:00	432000	73.088	17.95	166.591	29827.102	34468.086	21.825	23438.299	33.527	1.015	14.779
11/6/2017 21:05	432300	73.09	17.95	166.594	29820.596	34460.77	21.82	23433.324	33.534	1.015	14.781
11/6/2017 21:10	432600	73.095	17.95	166.605	29823.466	34464.086	21.823	23435.588	33.53	1.015	14.783
11/6/2017 21:15	432900	73.107	17.951	166.633	29818.826	34458.465	21.819	23431.758	33.536	1.015	14.785
11/6/2017 21:20											

11/7/2017 8:10	472200	73.205	17.951	166.858	29822.721	34462.898	21.827	23434.773	33.531	1.015	14.791
11/7/2017 8:15	472500	73.207	17.95	166.86	29820.115	34470.617	21.827	23440.021	33.524	1.015	14.791
11/7/2017 8:20	472800	73.209	17.95	166.865	29824.322	34464.953	21.823	23436.168	33.53	1.015	14.794
11/7/2017 8:25	473100	73.206	17.95	166.86	29842.184	34486.043	21.838	23450.51	33.51	1.015	14.797
11/7/2017 8:30	473400	73.207	17.95	166.862	29826.184	34467.555	21.825	23437.939	33.528	1.015	14.801
11/7/2017 8:35	473700	73.203	17.95	166.851	29817.424	34457.176	21.818	23430.879	33.537	1.015	14.801
11/7/2017 8:40	474000	73.232	17.95	166.819	29824.765	34465.566	21.824	23435.386	33.529	1.015	14.801
11/7/2017 8:45	474300	73.209	17.95	166.867	29833.797	34476.027	21.831	23443.701	33.519	1.015	14.801
11/7/2017 8:50	474600	73.211	17.95	166.87	29831.424	34473.551	21.829	23442.016	33.522	1.015	14.799
11/7/2017 8:55	474900	73.209	17.951	166.865	29826.799	34467.68	21.825	23438.023	33.527	1.015	14.797
11/7/2017 9:00	475200	73.217	17.95	166.883	29823.828	34464.633	21.823	23435.953	33.53	1.015	14.796
11/7/2017 9:05	475500	73.218	17.95	166.886	29823.188	34463.836	21.822	23435.41	33.531	1.015	14.796
11/7/2017 9:10	475800	73.214	17.95	166.922	29837.07	34479.879	21.829	23446.32	33.515	1.015	14.796
11/7/2017 9:15	476100	73.219	17.95	166.889	29830.973	34472.891	21.829	23441.568	33.522	1.015	14.796
11/7/2017 9:20	476400	73.227	17.95	166.908	29826.432	34467.445	21.825	23437.865	33.527	1.015	14.794
11/7/2017 9:25	476700	73.247	17.95	166.953	29835.9	34478.457	21.833	23445.354	33.517	1.015	14.792
11/7/2017 9:30	477000	73.231	17.95	166.917	29817.143	34456.781	21.817	23430.613	33.538	1.015	14.79
11/7/2017 9:35	477300	73.234	17.95	166.924	29834.248	34476.676	21.831	23444.141	33.519	1.015	14.789
11/7/2017 9:40	477600	73.231	17.95	166.917	29833.588	34475.984	21.831	23443.67	33.519	1.015	14.789
11/7/2017 9:45	477900	73.232	17.95	166.919	29828.764	34470.34	21.827	23439.832	33.525	1.015	14.788
11/7/2017 9:50	478200	73.233	17.95	166.921	29825.352	34466.141	21.824	23436.977	33.529	1.015	14.785
11/7/2017 9:55	478500	73.265	17.95	166.994	29814.129	34453.098	21.815	23428.107	33.541	1.015	14.781
11/7/2017 10:00	478800	73.266	17.95	166.996	29837.949	34480.758	21.834	23446.916	33.514	1.015	14.778
11/7/2017 10:05	479100	73.249	17.95	166.957	29828.23	34469.523	21.826	23439.275	33.525	1.015	14.78
11/7/2017 10:10	479400	73.214	17.95	166.995	29819.295	34459.469	21.819	23432.439	33.535	1.015	14.782
11/7/2017 10:15	479700	73.266	17.95	166.996	29810.814	34449.598	21.812	23425.729	33.545	1.015	14.784
11/7/2017 10:20	480000	73.25	17.95	166.959	29817.596	34457.234	21.818	23430.922	33.537	1.015	14.785
11/7/2017 10:25	480300	73.25	17.95	166.96	29837.16	34480.18	21.834	23446.521	33.515	1.015	14.786
11/7/2017 10:30	480600	73.254	17.95	166.968	29825.625	34466.652	21.824	23437.324	33.528	1.015	14.787
11/7/2017 10:35	480900	73.257	17.95	166.976	29820.094	34460.066	21.82	23432.846	33.534	1.015	14.785
11/7/2017 10:40	481200	73.258	17.95	166.977	29823.607	34464.125	21.823	23435.605	33.53	1.015	14.784
11/7/2017 10:45	481500	73.261	17.95	166.984	29845.006	34489.109	21.84	23452.596	33.506	1.015	14.782
11/7/2017 10:50	481800	73.281	17.95	167.029	29823.826	34464.703	21.823	23435.998	33.53	1.015	14.782
11/7/2017 10:55	482100	73.268	17.95	167.001	29840.811	34484.332	21.837	23449.346	33.511	1.015	14.782
11/7/2017 11:00	482400	73.271	17.95	167.007	29816.383	34456.102	21.817	23430.148	33.539	1.015	14.782
11/7/2017 11:05	482700	73.268	17.95	167	29811.385	34450.527	21.813	23426.361	33.544	1.015	14.783
11/7/2017 11:10	483000	73.27	17.95	167.004	29837.809	34480.461	21.834	23446.715	33.515	1.015	14.785
11/7/2017 11:15	483300	73.271	17.95	167.008	29844.324	34488.121	21.839	23451.924	33.507	1.015	14.784
11/7/2017 11:20	483600	73.275	17.95	167.016	29822.5	34463.102	21.822	23434.912	33.532	1.015	14.779
11/7/2017 11:25	483900	73.285	17.95	167.038	29826.883	34468.035	21.825	23438.266	33.527	1.015	14.774
11/7/2017 11:30	484200	73.29	17.95	167.049	29825.279	34466.184	21.824	23437.008	33.529	1.015	14.769
11/7/2017 11:35	484500	73.291	17.95	167.052	29841.455	34484.875	21.837	23449.717	33.51	1.015	14.772
11/7/2017 11:40	484800	73.294	17.95	167.057	29823.826	34464.307	21.823	23435.727	33.53	1.015	14.774
11/7/2017 11:45	485100	73.286	17.95	167.042	29843.469	34487.332	21.839	23451.387	33.508	1.015	14.777
11/7/2017 11:50	485400	73.284	17.95	167.037	29827.969	34469.363	21.826	23439.168	33.526	1.015	14.778
11/7/2017 11:55	485700	73.289	17.951	167.047	29841.785	34484.996	21.837	23449.799	33.51	1.015	14.779
11/7/2017 12:00	486000	73.306	17.95	167.087	29814.635	34453.883	21.815	23428.643	33.541	1.015	14.78
11/7/2017 12:05	486300	73.291	17.95	167.054	29824.893	34466.004	21.824	23436.885	33.529	1.015	14.776
11/7/2017 12:10	486600	73.314	17.95	167.104	29826.578	34469.578	21.826	23439.314	33.525	1.015	14.772
11/7/2017 12:15	486900	73.32	17.95	167.118	29819.771	34459.891	21.82	23432.729	33.535	1.015	14.769
11/7/2017 12:20	487200	73.302	17.95	167.077	29818.797	34458.492	21.819	23431.775	33.536	1.015	14.77
11/7/2017 12:25	487500	73.316	17.95	167.109	29821.664	34461.938	21.821	23434.119	33.533	1.015	14.772
11/7/2017 12:30	487800	73.298	17.95	167.07	29822.391	34462.777	21.822	23434.691	33.532	1.015	14.773
11/7/2017 12:35	488100	73.299	17.95	167.071	29832.066	34474.156	21.83	23442.426	33.521	1.015	14.772
11/7/2017 12:40	488400	73.3	17.95	167.074	29820.822	34461.105	21.82	23435.553	33.534	1.015	14.772
11/7/2017 12:45	488700	73.302	17.95	167.074	29841.429	34485.125	21.837	23449.887	33.51	1.015	14.771
11/7/2017 12:50	489000	73.3	17.95	167.072	29833.088	34475.531	21.831	23443.363	33.52	1.015	14.769
11/7/2017 12:55	489300	73.305	17.95	167.085	29822.025	34462.297	21.821	23434.363	33.532	1.015	14.768
11/7/2017 13:00	489600	73.326	17.95	167.134	29810.467	34449.137	21.812	23425.414	33.545	1.015	14.766
11/7/2017 13:05	489900	73.33	17.95	167.141	29829.162	34470.742	21.827	23440.107	33.524	1.015	14.765
11/7/2017 13:10	490200	73.308	17.95	167.092	29834.402	34476.855	21.831	23444.264	33.518	1.015	14.763
11/7/2017 13:15	490500	73.308	17.95	167.098	29838.57	34481.29	21.825	23445.756	33.514	1.015	14.762
11/7/2017 13:20	490800	73.312	17.95	167.102	29831.723	34473.898	21.829	23442.254	33.521	1.015	14.763
11/7/2017 13:25	491100	73.313	17.95	167.104	29827.363	34468.859	21.826	23438.826	33.526	1.015	14.764
11/7/2017 13:30	491400	73.308	17.95	167.092	29812.32	34451.336	21.814	23426.908	33.543	1.015	14.764
11/7/2017 13:35	491700	73.329	17.95	167.14	29841.807	34485.48	21.837	23450.129	33.51	1.015	14.764
11/7/2017 13:40	492000	73.331	17.95	167.145	29820.016	34460.031	21.82	23432.822	33.535	1.015	14.763
11/7/2017 13:45	492300	73.311	17.95	167.098	29833.19	34475.281	21.83	23431.193	33.52	1.015	14.763
11/7/2017 13:50	492600	73.303	17.95	167.081	29846.244	34490.207	21.841	23453.342	33.505	1.015	14.763
11/7/2017 13:55	492900	73.31	17.95	167.096	29851.535	34496.598	21.845	23457.689	33.499	1.015	14.764
11/7/2017 14:00	493200	73.331	17.95	167.145	29838.318	34481.52	21.835	23447.436	33.514	1.015	14.764
11/7/2017 14:05	493500	73.335	17.95	167.154	29826.855	34468.004	21.825	23438.244	33.527	1.015	14.763
11/7/2017 14:10	493800	73.312	17.95	167.1	29821.32	34461.539	21.821	23433.85	33.533	1.015	14.761
11/7/2017 14:15	494100	73.307	17.95	167.097	29830.58	34472.105	21.828	23441.033	33.523	1.015	14.76
11/7/2017 14:20	494400	73.308	17.95	167.091	29833.617	34476.02	21.831	23443.695	33.519	1.015	14.761
11/7/2017 14:25	494700	73.323	17.95	167.126	29847.729	34492.125	21.842	23454.645	33.503	1.015	14.763
11/7/2017 14:30	495000	73.299	17.95	167.071	29822.408	34462.664	21.822	23434.611	33.532	1.015	14.764
11/7/2017 14:35	495300	73.301	17.95	167.075	29829.162	34470.996	21.827	23440.279	33.524	1.015	14.765
11/7/2017 14:40	495600	73.298	17.95	167.068	29826.264	34467.32	21.825	23437.779	33.527	1.015	14.765
11/7/2017 14:45	495900	73.296	17.95	167.064	29824.615	34465.44	21.823	23436.484	33.529	1.015	14.764
11/7/2017 14:50	496200	73.313	17.95	167.103	29823.326	34464.328	21.823	23435.746	33.531	1.015	14.763
11/7/2017 14:55	496500	73.293	17.95	1							

11/8/2017 1:45	535500	73154	17.95	166.74	29849.197	34493.953	21.843	23455.891	33.502	1.015	14.752
11/8/2017 1:50	535800	73177	17.95	166.792	29828.881	34470.418	21.827	23439.887	33.525	1.015	14.753
11/8/2017 1:55	536100	73156	17.95	166.744	29831.961	34473.906	21.829	23442.258	33.521	1.015	14.755
11/8/2017 2:00	536400	73161	17.95	166.757	29837.113	34479.859	21.834	23446.307	33.515	1.015	14.756
11/8/2017 2:05	536700	73166	17.95	166.769	29815.195	34454.66	21.816	23429.17	33.54	1.015	14.752
11/8/2017 2:10	537000	73189	17.951	166.82	29816.449	34465.719	21.817	23429.891	33.539	1.015	14.748
11/8/2017 2:15	537300	73193	17.95	166.829	29820.814	34461.329	21.821	23433.633	33.534	1.015	14.744
11/8/2017 2:20	537600	73176	17.95	166.791	29821.404	34461.504	21.821	23433.822	33.533	1.015	14.742
11/8/2017 2:25	537900	73179	17.95	166.799	29832.756	34474.699	21.83	23442.797	33.52	1.015	14.741
11/8/2017 2:30	538200	73181	17.95	166.803	29819.225	34459.715	21.819	23432.605	33.535	1.015	14.739
11/8/2017 2:35	538500	73184	17.95	166.81	29827.262	34468.547	21.826	23438.611	33.526	1.015	14.74
11/8/2017 2:40	538800	73.202	17.951	166.85	29819.299	34468.941	21.819	23432.082	33.535	1.015	14.741
11/8/2017 2:45	539100	73.203	17.95	166.853	29834.92	34477.354	21.834	23444.535	33.518	1.015	14.742
11/8/2017 2:50	539400	73181	17.95	166.802	29837.805	34480.73	21.834	23446.898	33.515	1.015	14.741
11/8/2017 2:55	539700	73187	17.95	166.816	29827.855	34469.23	21.826	23439.078	33.526	1.015	14.741
11/8/2017 3:00	540000	73182	17.95	166.805	29839.852	34483.023	21.836	23448.457	33.512	1.015	14.74
11/8/2017 3:05	540300	73185	17.95	166.81	29820.328	34460.336	21.82	23433.031	33.534	1.015	14.737
11/8/2017 3:10	540600	73191	17.95	166.824	29827.842	34469.215	21.826	23439.068	33.526	1.015	14.735
11/8/2017 3:15	540900	73196	17.95	166.837	29818.371	34458.133	21.818	23431.531	33.536	1.015	14.732
11/8/2017 3:20	541200	73192	17.95	166.828	29829.982	34471.617	21.828	23440.701	33.523	1.015	14.731
11/8/2017 3:25	541500	73218	17.95	166.887	29820.182	34460.563	21.82	23433.186	33.534	1.015	14.73
11/8/2017 3:30	541800	73.219	17.95	166.888	29827.695	34469.242	21.826	23439.086	33.526	1.015	14.729
11/8/2017 3:35	542100	73.199	17.951	166.843	29829.822	34471.172	21.828	23440.396	33.523	1.015	14.731
11/8/2017 3:40	542400	73.199	17.95	166.844	29807.248	34445.418	21.81	23422.887	33.549	1.015	14.733
11/8/2017 3:45	542700	73.198	17.95	166.841	29826.973	34468.016	21.825	23438.252	33.527	1.015	14.735
11/8/2017 3:50	543000	73.203	17.95	166.853	29819.164	34459.047	21.819	23432.154	33.535	1.015	14.733
11/8/2017 3:55	543300	73.208	17.95	166.863	29822.16	34462.848	21.822	23434.738	33.532	1.015	14.73
11/8/2017 4:00	543600	73.224	17.95	166.901	29826.641	34467.828	21.825	23438.123	33.527	1.015	14.727
11/8/2017 4:05	543900	73.207	17.95	166.861	29825.473	34466.281	21.824	23437.072	33.528	1.015	14.729
11/8/2017 4:10	544200	73.205	17.95	166.857	29830.5	34472.484	21.828	23441.289	33.523	1.015	14.731
11/8/2017 4:15	544500	73.207	17.95	166.86	29847.201	34491.516	21.842	23454.23	33.504	1.015	14.733
11/8/2017 4:20	544800	73.199	17.95	166.842	29824.867	34465.707	21.824	23436.684	33.529	1.015	14.734
11/8/2017 4:25	545100	73.209	17.95	166.865	29834.107	34476.586	21.831	23444.078	33.519	1.015	14.735
11/8/2017 4:30	545400	73.2	17.95	166.846	29823.992	34464.629	21.823	23435.949	33.53	1.015	14.736
11/8/2017 4:35	545700	73.205	17.95	166.857	29822.48	34462.949	21.822	23434.807	33.532	1.015	14.735
11/8/2017 4:40	546000	73.208	17.95	166.864	29821.023	34461.336	21.821	23433.711	33.533	1.015	14.733
11/8/2017 4:45	546300	73.216	17.95	166.881	29838.574	34481.659	21.835	23447.541	33.514	1.015	14.732
11/8/2017 4:50	546600	73.213	17.95	166.875	29830.326	34472.215	21.828	23441.107	33.523	1.015	14.734
11/8/2017 4:55	546900	73.213	17.95	166.876	29840.063	34483.535	21.836	23448.805	33.512	1.015	14.735
11/8/2017 5:00	547200	73.208	17.95	166.864	29833.768	34476.457	21.831	23443.99	33.519	1.015	14.736
11/8/2017 5:05	547500	73.209	17.95	166.866	29815.422	34454.59	21.816	23429.123	33.54	1.015	14.736
11/8/2017 5:10	547800	73.205	17.95	166.856	29846.621	34491.047	21.841	23453.912	33.505	1.015	14.737
11/8/2017 5:15	548100	73.213	17.95	166.875	29825.391	34466.109	21.824	23436.967	33.516	1.015	14.732
11/8/2017 5:20	548400	73.207	17.95	166.861	29812.943	34451.93	21.814	23427.313	33.542	1.015	14.737
11/8/2017 5:25	548700	73.214	17.95	166.877	29815.076	34454.395	21.816	23428.99	33.54	1.015	14.737
11/8/2017 5:30	549000	73.214	17.95	166.878	29835.393	34477.746	21.832	23444.867	33.517	1.015	14.738
11/8/2017 5:35	549300	73.213	17.95	166.874	29829.82	34471.629	21.828	23440.709	33.524	1.015	14.739
11/8/2017 5:40	549600	73.21	17.95	166.869	29836.402	34479.039	21.833	23445.748	33.516	1.015	14.74
11/8/2017 5:45	549900	73.237	17.95	166.873	29823.602	34464.249	21.823	23435.688	33.513	1.015	14.741
11/8/2017 5:50	550200	73.213	17.95	166.876	29813.08	34453.08	21.814	23427.585	33.542	1.015	14.743
11/8/2017 5:55	550500	73.229	17.95	166.912	29835.904	34478.66	21.833	23445.49	33.517	1.015	14.745
11/8/2017 6:00	550800	73.227	17.95	166.906	29836.193	34478.594	21.833	23445.443	33.516	1.015	14.746
11/8/2017 6:05	551100	73.205	17.95	166.857	29820.547	34460.984	21.82	23433.471	33.534	1.015	14.748
11/8/2017 6:10	551400	73.224	17.95	166.901	29821.422	34461.656	21.821	23433.928	33.533	1.015	14.749
11/8/2017 6:15	551700	73.223	17.95	166.898	29811.906	34450.73	21.813	23426.496	33.544	1.015	14.75
11/8/2017 6:20	552000	73.211	17.95	166.87	29824.869	34477.465	21.832	23444.678	33.518	1.015	14.749
11/8/2017 6:25	552300	73.206	17.95	166.859	29820.059	34460.223	21.82	23432.953	33.534	1.015	14.748
11/8/2017 6:30	552600	73.212	17.95	166.873	29830.988	34473.184	21.829	23441.768	33.522	1.015	14.747
11/8/2017 6:35	552900	73.216	17.95	166.882	29828.596	34470.016	21.827	23439.613	33.525	1.015	14.747
11/8/2017 6:40	553200	73.211	17.951	166.872	29836.063	34478.316	21.833	23445.258	33.516	1.015	14.747
11/8/2017 6:45	553500	73.209	17.95	166.866	29829.471	34471.227	21.828	23440.436	33.524	1.015	14.747
11/8/2017 6:50	553800	73.217	17.95	166.861	29828.218	34469.861	21.827	23439.521	33.525	1.015	14.75
11/8/2017 6:55	554100	73.206	17.95	166.86	29818.642	34458.535	21.819	23431.807	33.536	1.015	14.752
11/8/2017 7:00	554400	73.204	17.95	166.855	29834.965	34477.777	21.832	23444.889	33.518	1.015	14.755
11/8/2017 7:05	554700	73.226	17.95	166.905	29827.74	34469.227	21.826	23439.076	33.526	1.015	14.755
11/8/2017 7:10	555000	73.206	17.95	166.859	29824.883	34465.523	21.824	23436.559	33.529	1.015	14.756
11/8/2017 7:15	555300	73.2	17.95	166.846	29836.006	34478.652	21.833	23445.486	33.517	1.015	14.757
11/8/2017 7:20	555600	73.198	17.95	166.84	29818.859	34455.814	21.819	23431.832	33.536	1.015	14.756
11/8/2017 7:25	555900	73.203	17.95	166.853	29819.633	34459.531	21.819	23432.484	33.535	1.015	14.755
11/8/2017 7:30	556200	73.228	17.95	166.91	29822.605	34463.223	21.822	23434.994	33.532	1.015	14.755
11/8/2017 7:35	556500	73.212	17.95	166.873	29825.842	34466.961	21.825	23437.535	33.528	1.015	14.756
11/8/2017 7:40	556800	73.207	17.95	166.861	29814.645	34453.77	21.815	23428.566	33.541	1.015	14.756
11/8/2017 7:45	557100	73.21	17.95	166.869	29833.025	34475.402	21.83	23443.275	33.52	1.015	14.757
11/8/2017 7:50	557400	73.228	17.95	166.91	29823.275	34474.512	21.83	23442.668	33.521	1.015	14.758
11/8/2017 7:55	557700	73.212	17.95	166.873	29810.689	34449.324	21.812	23425.543	33.545	1.015	14.758
11/8/2017 8:00	558000	73.201	17.95	166.847	29823.086	34463.648	21.822	23435.281	33.531	1.015	14.758
11/8/2017 8:05	558300	73.213	17.95	166.875	29823.217	34463.871	21.822	23435.432	33.531	1.015	14.759
11/8/2017 8:10	558600	73.229	17.95	166.912	29827.67	34469.016	21.826	23438.932	33.526	1.015	14.76
11/8/2017 8:15	558900	73.208	17.95	166.863	29823.045	34463.602	21.822	23435.252	33.531	1.015	14.761
11/8/2017 8:20	559200	73.225	17.95	166.925	29836.051	34478.789	21.833	23445.557	33.516	1.015	14.762
11/8/2017 8:25	559500	73.21	17.95	166.869	29834.891	34477.418	21.832	23444.645	33.518	1.015	14.761
11/8/2017 8:30	559800	73.209	17.95	166.866	29830.643	34472.648	21.829	23441.402	33.5		

11/8/2017 19:20	598800	73.214	17.95	166.878	29824.211	34464.949	21.823	23436.166	33.53	1.015	14.705
11/8/2017 19:25	599100	73.196	17.95	166.836	29844.08	34487.91	21.839	23451.781	33.507	1.015	14.702
11/8/2017 19:30	599400	73.193	17.95	166.83	29826.576	34467.684	21.825	23438.027	33.527	1.015	14.699
11/8/2017 19:35	599700	73.211	17.95	166.871	29826.648	34467.695	21.825	23438.033	33.527	1.015	14.698
11/8/2017 19:40	600000	73.2	17.95	166.846	29834.9	34477.629	21.832	23444.787	33.518	1.015	14.697
11/8/2017 19:45	600300	73.198	17.95	166.841	29831.143	34473.951	21.829	23441.664	33.522	1.015	14.695
11/8/2017 19:50	600600	73.216	17.95	166.882	29832.781	34474.727	21.83	23442.816	33.52	1.015	14.697
11/8/2017 19:55	600900	73.195	17.951	166.833	29823.125	34463.363	21.822	23435.09	33.531	1.015	14.699
11/8/2017 20:00	601200	73.188	17.95	166.819	29829.369	34470.707	21.827	23440.08	33.524	1.015	14.701
11/8/2017 20:05	601500	73.187	17.951	166.816	29841.498	34484.664	21.837	23449.574	33.51	1.015	14.702
11/8/2017 20:10	601800	73.189	17.95	166.819	29824.607	34465.477	21.824	23436.525	33.529	1.015	14.704
11/8/2017 20:15	602100	73.187	17.95	166.815	29831.818	34473.867	21.829	23442.232	33.521	1.015	14.706
11/8/2017 20:20	602400	73.181	17.95	166.801	29833.982	34476.242	21.831	23443.848	33.519	1.015	14.704
11/8/2017 20:25	602700	73.204	17.95	166.854	29823.52	34464.082	21.823	23435.578	33.531	1.015	14.703
11/8/2017 20:30	603000	73.2	17.95	166.846	29833.32	34475.406	21.83	23443.279	33.52	1.015	14.702
11/8/2017 20:35	603300	73.182	17.95	166.805	29842.789	34486.348	21.838	23450.719	33.509	1.015	14.703
11/8/2017 20:40	603600	73.18	17.95	166.799	29834.154	34476.512	21.831	23444.029	33.519	1.015	14.703
11/8/2017 20:45	603900	73.181	17.95	166.802	29837.109	34479.785	21.834	23446.254	33.515	1.015	14.704
11/8/2017 20:50	604200	73.179	17.95	166.797	29836.354	34479.109	21.833	23445.797	33.516	1.015	14.704
11/8/2017 20:55	604500	73.175	17.95	166.789	29845.883	34490.121	21.841	23453.285	33.505	1.015	14.705
11/8/2017 21:00	604800	73.197	17.951	166.839	29832.191	34473.574	21.829	23442.031	33.521	1.015	14.705
11/8/2017 21:05	605100	73.176	17.951	166.792	29827.447	34468.289	21.826	23438.438	33.526	1.015	14.707
11/8/2017 21:10	605400	73.172	17.95	166.781	29837.76	34480.48	21.834	23446.729	33.515	1.015	14.708
11/8/2017 21:15	605700	73.168	17.95	166.773	29821.613	34461.879	21.821	23434.08	33.533	1.015	14.71
11/8/2017 21:20	606000	73.166	17.95	166.768	29843.721	34487.367	21.839	23451.412	33.508	1.015	14.71
11/8/2017 21:25	606300	73.168	17.95	166.773	29819.559	34459.445	21.819	23432.424	33.535	1.015	14.71
11/8/2017 21:30	606600	73.166	17.95	166.767	29835.514	34477.883	21.832	23444.961	33.517	1.015	14.71
11/8/2017 21:35	606900	73.167	17.95	166.77	29837.076	34479.613	21.833	23446.139	33.515	1.015	14.709
11/8/2017 21:40	607200	73.171	17.95	166.779	29831.598	34473.754	21.829	23442.154	33.522	1.015	14.707
11/8/2017 21:45	607500	73.176	17.951	166.791	29834.059	34476.066	21.831	23443.727	33.519	1.015	14.705
11/8/2017 21:50	607800	73.168	17.95	166.773	29842.891	34486.332	21.838	23450.707	33.509	1.015	14.705
11/8/2017 21:55	608100	73.174	17.95	166.786	29822.574	34463.059	21.822	23434.881	33.532	1.015	14.704
11/8/2017 22:00	608400	73.197	17.95	166.838	29837.785	34480.434	21.834	23446.697	33.515	1.015	14.703
11/8/2017 22:05	608700	73.195	17.95	166.834	29851.768	34496.863	21.845	23457.869	33.499	1.015	14.702
11/8/2017 22:10	609000	73.18	17.95	166.801	29814.979	34454.281	21.816	23428.914	33.54	1.015	14.701
11/8/2017 22:15	609300	73.178	17.95	166.794	29822.998	34463.547	21.822	23435.213	33.531	1.015	14.7
11/8/2017 22:20	609600	73.168	17.95	166.773	29822.166	34462.785	21.822	23434.693	33.532	1.015	14.704
11/8/2017 22:25	609900	73.174	17.95	166.785	29836.604	34479.27	21.833	23445.906	33.516	1.015	14.708
11/8/2017 22:30	610200	73.189	17.95	166.821	29833.928	34476.305	21.831	23443.889	33.519	1.015	14.712
11/8/2017 22:35	610500	73.175	17.95	166.789	29833.146	34475.348	21.83	23443.238	33.52	1.015	14.709
11/8/2017 22:40	610800	73.175	17.951	166.788	29834.271	34476.246	21.831	23443.85	33.518	1.015	14.707
11/8/2017 22:45	611100	73.178	17.95	166.794	29853.596	34498.906	21.847	23459.258	33.497	1.015	14.704
11/8/2017 22:50	611400	73.174	17.951	166.787	29841.621	34484.809	21.837	23449.67	33.51	1.015	14.707
11/8/2017 22:55	611700	73.194	17.95	166.832	29830.145	34471.68	21.828	23440.742	33.523	1.015	14.71
11/8/2017 23:00	612000	73.176	17.951	166.792	29830.58	34472.047	21.828	23440.992	33.523	1.015	14.713
11/8/2017 23:05	612300	73.179	17.95	166.797	29827.197	34468.668	21.826	23438.695	33.526	1.015	14.71
11/8/2017 23:10	612600	73.182	17.95	166.804	29841.041	34484.195	21.837	23449.256	33.511	1.015	14.708
11/8/2017 23:15	612900	73.206	17.95	166.859	29842.891	34486.734	21.838	23450.98	33.509	1.015	14.705
11/8/2017 23:20	613200	73.19	17.95	166.822	29827.564	34468.621	21.826	23438.664	33.526	1.015	14.704
11/8/2017 23:25	613500	73.211	17.95	166.87	29834.703	34477.145	21.832	23444.659	33.518	1.015	14.703
11/8/2017 23:30	613800	73.191	17.95	166.826	29830.467	34472.18	21.828	23441.084	33.523	1.015	14.701
11/8/2017 23:35	614100	73.195	17.95	166.833	29834.154	34476.313	21.831	23443.893	33.519	1.015	14.701
11/8/2017 23:40	614400	73.217	17.95	166.884	29829.973	34471.406	21.828	23440.557	33.523	1.015	14.701
11/8/2017 23:45	614700	73.223	17.95	166.897	29834.471	34476.602	21.831	23444.092	33.518	1.015	14.7
11/8/2017 23:50	615000	73.197	17.95	166.84	29820.559	34460.855	21.82	23433.385	33.534	1.015	14.704
11/8/2017 23:55	615300	73.2	17.95	166.844	29848.162	34492.699	21.843	23455.037	33.503	1.015	14.708

Report Date: 11/10/2017 8:40
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_2017-11-09_18-01-22-990-BaroMerge.wsl
Create Date 11/10/2017 8:36

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: 5/31/2017 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: AVanHaitsma 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: 8/16/2017 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: 9/28/2017 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
11/10/2017 8:36 User Note: "Pressure & Level adjusted by baro data from: "MPWSP Barotroll_2017-11-09_18-08-51-172.wsl""

Log Data:
Record Count 2268
Sensors 2
1 499043 PCTD 30 PSIA (10.9m/35.8ft)
2 0 Baro-Adjustment Calc

Time Zone: Pacific Daylight Time/Pacific Standard Time

Date and Time	Elapsed Time Seconds	Sensor: PCTD(A) 35.8ft SNF: 499043		Sensor: PCTD(A) 35.8ft SNF: 499043		Sensor: PCTD(A) 35.8ft SNF: 499043		Sensor: PCTD(A) 35.8ft SNF: 499043		Sensor: PCTD(A) 35.8ft SNF: 499043		Sensor: PCTD(A) 35.8ft SNF: 499043		Sensor: PCTD(A) 35.8ft SNF: 499043		Sensor: PCTD(A) 35.8ft SNF: 499043		Sensor: PCTD(A) 35.8ft SNF: 499043		Sensor: PCTD(A) 35.8ft SNF: 499043		Sensor: PCTD(A) 35.8ft SNF: 499043		Sensor: PCTD(A) 35.8ft SNF: 499043		Sensor: PCTD(A) 35.8ft SNF: 499043		Sensor: PCTD(A) 35.8ft SNF: 499043		Sensor: PCTD(A) 35.8ft SNF: 499043		Sensor: PCTD(A) 35.8ft SNF: 499043		Sensor: PCTD(A) 35.8ft SNF: 499043		Sensor: PCTD(A) 35.8ft SNF: 499043		Sensor: PCTD(A) 35.8ft SNF: 499043		Sensor: PCTD(A) 35.8ft SNF: 499043		Sensor: PCTD(A) 35.8ft SNF: 499043		Sensor: PCTD(A) 35.8ft SNF: 499043		Sensor: PCTD(A) 35.8ft SNF: 499043		Sensor: PCTD(A) 35.8ft SNF: 499043		Sensor: PCTD(A) 35.8ft SNF: 499043		Sensor: PCTD(A) 35.8ft SNF: 499043		Sensor: PCTD(A) 35.8ft SNF: 499043		Sensor: PCTD(A) 35.8ft SNF: 499043		Sensor: PCTD(A) 35.8ft SNF: 499043		Sensor: PCTD(A) 35.8ft SNF: 499043		Sensor: PCTD(A) 35.8ft SNF: 499043		Sensor: PCTD(A) 35.8ft SNF: 499043		Sensor: PCTD(A) 35.8ft SNF: 499043		Sensor: PCTD(A) 35.8ft SNF: 499043		Sensor: PCTD(A) 35.8ft SNF: 499043		Sensor: PCTD(A) 35.8ft SNF: 499043		Sensor: PCTD(A) 35.8ft SNF: 499043		Sensor: PCTD(A) 35.8ft SNF: 499043		Sensor: PCTD(A) 35.8ft SNF: 499043		Sensor: PCTD(A) 35.8ft SNF: 499043		Sensor: PCTD(A) 35.8ft SNF: 499043		Sensor: PCTD(A) 35.8ft SNF: 499043		Sensor: PCTD(A) 35.8ft SNF: 499043		Sensor: PCTD(A) 35.8ft SNF: 499043		Sensor: PCTD(A) 35.8ft SNF: 499043		Sensor: PCTD(A) 35.8ft SNF: 499043		Sensor: PCTD(A) 35.8ft SNF: 499043		Sensor: PCTD(A) 35.8ft SNF: 499043		Sensor: PCTD(A) 35.8ft SNF: 499043		Sensor: PCTD(A) 35.8ft SNF: 499043		Sensor: PCTD(A) 35.8ft SNF: 499043		Sensor: PCTD(A) 35.8ft SNF: 499043		Sensor: PCTD(A) 35.8ft SNF: 499043		Sensor: PCTD(A) 35.8ft SNF: 499043		Sensor: PCTD(A) 35.8ft SNF: 499043		Sensor: PCTD(A) 35.8ft SNF: 499043		Sensor: PCTD(A) 35.8ft SNF: 499043		Sensor: PCTD(A) 35.8ft SNF: 499043		Sensor: PCTD(A) 35.8ft SNF: 499043		Sensor: PCTD(A) 35.8ft SNF: 499043		Sensor: PCTD(A) 35.8ft SNF: 499043		Sensor: PCTD(A) 35.8ft SNF: 499043		Sensor: PCTD(A) 35.8ft SNF: 499043		Sensor: PCTD(A) 35.8ft SNF: 499043		Sensor: PCTD(A) 35.8ft SNF: 499043		Sensor: PCTD(A) 35.8ft SNF: 499043		Sensor: PCTD(A) 35.8ft SNF: 499043		Sensor: PCTD(A) 35.8ft SNF: 499043		Sensor: PCTD(A) 35.8ft SNF: 499043		Sensor: PCTD(A) 35.8ft SNF: 499043		Sensor: PCTD(A) 35.8ft SNF: 499043		Sensor: PCTD(A) 35.8ft SNF: 499043		Sensor: PCTD(A) 35.8ft SNF: 499043		Sensor: PCTD(A) 35.8ft SNF: 499043		Sensor: PCTD(A) 35.8ft SNF: 499043		Sensor: PCTD(A) 35.8ft SNF: 499043		Sensor: PCTD(A) 35.8ft SNF: 499043		Sensor: PCTD(A) 35.8ft SNF: 499043		Sensor: PCTD(A) 35.8ft SNF: 499043		Sensor: PCTD(A) 35.8ft SNF: 499043		Sensor: PCTD(A) 35.8ft SNF: 499043		Sensor: PCTD(A) 35.8ft SNF: 499043		Sensor: PCTD(A) 35.8ft SNF: 499043		Sensor: PCTD(A) 35.8ft SNF: 499043		Sensor: PCTD(A) 35.8ft SNF: 499043		Sensor: PCTD(A) 35.8ft SNF: 499043		Sensor: PCTD(A) 35.8ft SNF: 499043		Sensor: PCTD(A) 35.8ft SNF: 499043		Sensor: PCTD(A) 35.8ft SNF: 499043		Sensor: PCTD(A) 35.8ft SNF: 499043		Sensor: PCTD(A) 35.8ft SNF: 499043		Sensor: PCTD(A) 35.8ft SNF: 499043		Sensor: PCTD(A) 35.8ft SNF: 499043		Sensor: PCTD(A) 35.8ft SNF: 499043		Sensor: PCTD(A) 35.8ft SNF: 499043		Sensor: PCTD(A) 35.8ft SNF: 499043		Sensor: PCTD(A) 35.8ft SNF: 499043		Sensor: PCTD(A) 35.8ft SNF: 499043		Sensor: PCTD(A) 35.8ft SNF: 499043		Sensor: PCTD(A) 35.8ft SNF: 499043		Sensor: PCTD(A) 35.8ft SNF: 499043		Sensor: PCTD(A) 35.8ft SNF: 499043		Sensor: PCTD(A) 35.8ft SNF: 499043		Sensor: PCTD(A) 35.8ft SNF: 499043		Sensor: PCTD(A) 35.8ft SNF: 499043		Sensor: PCTD(A) 35.8ft SNF: 499043		Sensor: PCTD(A) 35.8ft SNF: 499043		Sensor: PCTD(A) 35.8ft SNF: 499043		Sensor: PCTD(A) 35.8ft SNF: 499043		Sensor: PCTD(A) 35.8ft SNF: 499043		Sensor: PCTD(A) 35.8ft SNF: 499043		Sensor: PCTD(A) 35.8ft SNF: 499043		Sensor: PCTD(A) 35.8ft SNF: 499043		Sensor: PCTD(A) 35.8ft SNF: 499043		Sensor: PCTD(A) 35.8ft SNF: 499043		Sensor: PCTD(A) 35.8ft SNF: 499043		Sensor: PCTD(A) 35.8ft SNF: 499043		Sensor: PCTD(A) 35.8ft SNF: 499043		Sensor: PCTD(A) 35.8ft SNF: 499043		Sensor: PCTD(A) 35.8ft SNF: 499043		Sensor: PCTD(A) 35.8ft SNF: 499043		Sensor: PCTD(A) 35.8ft SNF: 499043		Sensor: PCTD(A) 35.8ft SNF: 499043		Sensor: PCTD(A) 35.8ft SNF: 499043		Sensor: PCTD(A) 35.8ft SNF: 499043		Sensor: PCTD(A) 35.8ft SNF: 499043		Sensor: PCTD(A) 35.8ft SNF: 499043		Sensor: PCTD(A) 35.8ft SNF: 499043		Sensor: PCTD(A) 35.8ft SNF: 499043		Sensor: PCTD(A) 35.8ft SNF: 499043		Sensor: PCTD(A) 35.8ft SNF: 499043		Sensor: PCTD(A) 35.8ft SNF: 499043		Sensor: PCTD(A) 35.8ft SNF: 499043		Sensor: PCTD(A) 35.8ft SNF: 499043		Sensor: PCTD(A) 35.8ft SNF: 499043		Sensor: PCTD(A) 35.8ft SNF: 499043		Sensor: PCTD(A) 35.8ft SNF: 499043		Sensor: PCTD(A) 35.8ft SNF: 499043		Sensor: PCTD(A) 35.8ft SNF: 499043		Sensor: PCTD(A) 35.8ft SNF: 499043		Sensor: PCTD(A) 35.8ft SNF: 499043		Sensor: PCTD(A) 35.8ft SNF: 499043		Sensor: PCTD(A) 35.8ft SNF: 499043		Sensor: PCTD(A) 35.8ft SNF: 499043		Sensor: PCTD(A) 35.8ft SNF: 499043		Sensor: PCTD(A) 35.8ft SNF: 499043		Sensor: PCTD(A) 35.8ft SNF: 499043		Sensor: PCTD(A) 35.8ft SNF: 499043		Sensor: PCTD(A) 35.8ft SNF: 499043		Sensor: PCTD(A) 35.8ft SNF: 499043		Sensor: PCTD(A) 35.8ft SNF: 499043		Sensor: PCTD(A) 35.8ft SNF: 499043		Sensor: PCTD(A) 35.8ft SNF: 499043		Sensor: PCTD(A) 35.8ft SNF: 499043		Sensor: PCTD(A) 35.8ft SNF: 499043		Sensor: PCTD(A) 35.8ft SNF: 499043		Sensor: PCTD(A) 35.8ft SNF: 499043		Sensor: PCTD(A) 35.8ft SNF: 499043		Sensor: PCTD(A) 35.8ft SNF: 499043		Sensor: PCTD(A) 35.8ft SNF: 499043		Sensor: PCTD(A) 35.8ft SNF: 499043		Sensor: PCTD(A) 35.8ft SNF: 499043		Sensor: PCTD(A) 35.8ft SNF: 499043		Sensor: PCTD(A) 35.8ft SNF: 499043		Sensor: PCTD(A) 35.8ft SNF: 499043		Sensor: PCTD(A) 35.8ft SNF: 499043		Sensor: PCTD(A) 35.8ft SNF: 499043		Sensor: PCTD(A) 35.8ft SNF: 499043		Sensor: PCTD(A) 35.8ft SNF: 499043		Sensor: PCTD(A) 35.8ft SNF: 499043		Sensor: PCTD(A) 35.8ft SNF: 499043		Sensor: PCTD(A) 35.8ft SNF: 499043		Sensor: PCTD(A) 35.8ft SNF: 499043		Sensor: PCTD(A) 35.8ft SNF: 499043		Sensor: PCTD(A) 35.8ft SNF: 499043		Sensor: PCTD(A) 35.8ft SNF: 499043		Sensor: PCTD(A) 35.8ft SNF: 499043		Sensor: PCTD(A) 35.8ft SNF: 499043		Sensor: PCTD(A) 35.8ft SNF: 499043		Sensor: PCTD(A) 35.8ft SNF: 499043		Sensor: PCTD(A) 35.8ft SNF: 499043		Sensor: PCTD(A) 35.8ft SNF: 499043		Sensor: PCTD(A) 35.8ft SNF: 499043		Sensor: PCTD(A) 35.8ft SNF: 499043		Sensor: PCTD(A) 35.8ft SNF: 499043		Sensor: PCTD(A) 35.8ft SNF: 499043		Sensor: PCTD(A) 35.8ft SNF: 499043		Sensor: PCTD(A) 35.8ft SNF: 499043		Sensor: PCTD(A) 35.8ft SNF: 499043		Sensor: PCTD(A) 35.8ft SNF: 499043		Sensor: PCTD(A) 35.8ft SNF: 499043		Sensor: PCTD(A) 35.8ft SNF: 499043		Sensor: PCTD(A) 35.8ft SNF: 499043		Sensor: PCTD(A) 35.8ft SNF: 499043		Sensor: PCTD(A) 35.8ft SNF: 499043		Sensor: PCTD(A) 35.8ft SNF: 499043		Sensor: PCTD(A) 35.8ft SNF: 499043		Sensor: PCTD(A) 35.8ft SNF: 499043		Sensor: PCTD(A) 35.8ft SNF: 499043		Sensor: PCTD(A) 35.8ft SNF: 499043		Sensor: PCTD(A) 35.8ft SNF: 499043		Sensor: PCTD(A) 35.8ft SNF: 499043		Sensor: PCTD(A) 35.8ft SNF: 499043		Sensor: PCTD(A) 35.8ft SNF: 499043		Sensor: PCTD(A) 35.8ft SNF: 499043		Sensor: PCTD(A) 35.8ft SNF: 499043		Sensor: PCTD(A) 35.8ft SNF: 499043		Sensor:	
---------------	-------------------------	---------------------------------------	--	---------------------------------------	--	---------------------------------------	--	---------------------------------------	--	---------------------------------------	--	---------------------------------------	--	---------------------------------------	--	---------------------------------------	--	---------------------------------------	--	---------------------------------------	--	---------------------------------------	--	---------------------------------------	--	---------------------------------------	--	---------------------------------------	--	---------------------------------------	--	---------------------------------------	--	---------------------------------------	--	---------------------------------------	--	---------------------------------------	--	---------------------------------------	--	---------------------------------------	--	---------------------------------------	--	---------------------------------------	--	---------------------------------------	--	---------------------------------------	--	---------------------------------------	--	---------------------------------------	--	---------------------------------------	--	---------------------------------------	--	---------------------------------------	--	---------------------------------------	--	---------------------------------------	--	---------------------------------------	--	---------------------------------------	--	---------------------------------------	--	---------------------------------------	--	---------------------------------------	--	---------------------------------------	--	---------------------------------------	--	---------------------------------------	--	---------------------------------------	--	---------------------------------------	--	---------------------------------------	--	---------------------------------------	--	---------------------------------------	--	---------------------------------------	--	---------------------------------------	--	---------------------------------------	--	---------------------------------------	--	---------------------------------------	--	---------------------------------------	--	---------------------------------------	--	---------------------------------------	--	---------------------------------------	--	---------------------------------------	--	---------------------------------------	--	---------------------------------------	--	---------------------------------------	--	---------------------------------------	--	---------------------------------------	--	---------------------------------------	--	---------------------------------------	--	---------------------------------------	--	---------------------------------------	--	---------------------------------------	--	---------------------------------------	--	---------------------------------------	--	---------------------------------------	--	---------------------------------------	--	---------------------------------------	--	---------------------------------------	--	---------------------------------------	--	---------------------------------------	--	---------------------------------------	--	---------------------------------------	--	---------------------------------------	--	---------------------------------------	--	---------------------------------------	--	---------------------------------------	--	---------------------------------------	--	---------------------------------------	--	---------------------------------------	--	---------------------------------------	--	---------------------------------------	--	---------------------------------------	--	---------------------------------------	--	---------------------------------------	--	---------------------------------------	--	---------------------------------------	--	---------------------------------------	--	---------------------------------------	--	---------------------------------------	--	---------------------------------------	--	---------------------------------------	--	---------------------------------------	--	---------------------------------------	--	---------------------------------------	--	---------------------------------------	--	---------------------------------------	--	---------------------------------------	--	---------------------------------------	--	---------------------------------------	--	---------------------------------------	--	---------------------------------------	--	---------------------------------------	--	---------------------------------------	--	---------------------------------------	--	---------------------------------------	--	---------------------------------------	--	---------------------------------------	--	---------------------------------------	--	---------------------------------------	--	---------------------------------------	--	---------------------------------------	--	---------------------------------------	--	---------------------------------------	--	---------------------------------------	--	---------------------------------------	--	---------------------------------------	--	---------------------------------------	--	---------------------------------------	--	---------------------------------------	--	---------------------------------------	--	---------------------------------------	--	---------------------------------------	--	---------------------------------------	--	---------------------------------------	--	---------------------------------------	--	---------------------------------------	--	---------------------------------------	--	---------------------------------------	--	---------------------------------------	--	---------------------------------------	--	---------------------------------------	--	---------------------------------------	--	---------------------------------------	--	---------------------------------------	--	---------------------------------------	--	---------------------------------------	--	---------------------------------------	--	---------------------------------------	--	---------------------------------------	--	---------------------------------------	--	---------------------------------------	--	---------------------------------------	--	---------------------------------------	--	---------------------------------------	--	---------------------------------------	--	---------------------------------------	--	---------------------------------------	--	---------------------------------------	--	---------------------------------------	--	---------------------------------------	--	---------------------------------------	--	---------------------------------------	--	---------------------------------------	--	---------------------------------------	--	---------------------------------------	--	---------------------------------------	--	---------------------------------------	--	---------------------------------------	--	---------------------------------------	--	---------------------------------------	--	---------------------------------------	--	---------------------------------------	--	---------------------------------------	--	---------------------------------------	--	---------------------------------------	--	---------------------------------------	--	---------------------------------------	--	---------------------------------------	--	---------------------------------------	--	---------------------------------------	--	---------------------------------------	--	---------------------------------------	--	---------------------------------------	--	---------------------------------------	--	---------------------------------------	--	---------------------------------------	--	---------------------------------------	--	---------------------------------------	--	---------------------------------------	--	---------------------------------------	--	---------------------------------------	--	---------------------------------------	--	---------------------------------------	--	---------------------------------------	--	---------------------------------------	--	---------------------------------------	--	---------------------------------------	--	---------------------------------------	--	---------------------------------------	--	---------------------------------------	--	---------------------------------------	--	---------------------------------------	--	---------------------------------------	--	---------------------------------------	--	---------------------------------------	--	---------------------------------------	--	---------------------------------------	--	---------------------------------------	--	---------------------------------------	--	---------------------------------------	--	---------------------------------------	--	---------------------------------------	--	---------------------------------------	--	---------------------------------------	--	---------	--

11/2/2017 8:30	37800	12.697	17.705	28.941	3146.022	3655.351	1.944	2.486	317.862	1	14.74
11/2/2017 8:35	38100	12.696	17.705	28.939	3140.299	3648.666	1.94	2.481	318.441	1	14.741
11/2/2017 8:40	38400	12.699	17.705	28.945	3136.504	3644.306	1.938	2.478	318.826	1	14.741
11/2/2017 8:45	38700	12.697	17.705	28.94	3131.124	3638.026	1.934	2.474	319.374	1	14.742
11/2/2017 8:50	39000	12.696	17.705	28.937	3126.147	3632.251	1.931	2.47	319.883	1	14.744
11/2/2017 8:55	39300	12.693	17.705	28.931	3120.903	3626.173	1.928	2.466	320.42	1	14.747
11/2/2017 9:00	39600	12.691	17.705	28.927	3116.05	3620.12	1.924	2.462	320.919	1	14.749
11/2/2017 9:05	39900	12.692	17.705	28.929	3112.544	3616.46	1.922	2.459	321.281	1	14.749
11/2/2017 9:10	40200	12.692	17.705	28.93	3108.088	3611.282	1.919	2.456	321.741	1	14.748
11/2/2017 9:15	40500	12.693	17.705	28.931	3102.785	3605.107	1.916	2.451	322.291	1	14.748
11/2/2017 9:20	40800	12.694	17.704	28.933	3098.452	3600.129	1.913	2.448	322.742	1	14.748
11/2/2017 9:25	41100	12.694	17.705	28.934	3092.739	3593.455	1.909	2.444	323.338	1	14.748
11/2/2017 9:30	41400	12.694	17.705	28.933	3089.051	3589.164	1.907	2.441	323.724	1	14.748
11/2/2017 9:35	41700	12.693	17.704	28.932	3084.197	3583.544	1.904	2.437	324.233	1	14.749
11/2/2017 9:40	42000	12.693	17.705	28.931	3080.162	3578.842	1.901	2.434	324.658	1	14.749
11/2/2017 9:45	42300	12.691	17.705	28.928	3075.68	3573.635	1.898	2.43	325.131	1	14.75
11/2/2017 9:50	42600	12.69	17.705	28.924	3071.448	3568.717	1.895	2.427	325.579	1	14.752
11/2/2017 9:55	42900	12.687	17.705	28.917	3068.182	3564.916	1.893	2.424	325.926	1	14.755
11/2/2017 10:00	43200	12.683	17.705	28.909	3064.311	3560.432	1.891	2.421	326.338	1	14.758
11/2/2017 10:05	43500	12.684	17.705	28.91	3060.456	3555.932	1.888	2.418	326.749	1	14.757
11/2/2017 10:10	43800	12.685	17.704	28.912	3055.759	3550.502	1.885	2.414	327.251	1	14.756
11/2/2017 10:15	44100	12.686	17.705	28.915	3053.018	3547.283	1.883	2.412	327.545	1	14.755
11/2/2017 10:20	44400	12.684	17.705	28.911	3048.835	3542.451	1.88	2.409	327.994	1	14.756
11/2/2017 10:25	44700	12.682	17.705	28.906	3044.525	3537.436	1.878	2.405	328.458	1	14.757
11/2/2017 10:30	45000	12.681	17.704	28.904	3040.621	3532.955	1.875	2.402	328.88	1	14.758
11/2/2017 10:35	45300	12.683	17.704	28.909	3038.025	3529.897	1.873	2.4	329.161	1	14.754
11/2/2017 10:40	45600	12.688	17.705	28.92	3033.751	3524.917	1.871	2.397	329.625	1	14.751
11/2/2017 10:45	45900	12.691	17.704	28.926	3031.008	3521.744	1.869	2.395	329.923	1	14.747
11/2/2017 10:50	46200	12.69	17.705	28.924	3027.755	3517.944	1.867	2.392	330.278	1	14.747
11/2/2017 10:55	46500	12.69	17.705	28.925	3023.167	3512.628	1.864	2.389	330.779	1	14.747
11/2/2017 11:00	46800	12.69	17.705	28.925	3020.087	3509.049	1.862	2.386	331.116	1	14.747
11/2/2017 11:05	47100	12.691	17.705	28.927	3016.283	3504.621	1.859	2.383	331.534	1	14.745
11/2/2017 11:10	47400	12.691	17.705	28.926	3014.245	3502.26	1.858	2.382	331.758	1	14.743
11/2/2017 11:15	47700	12.694	17.705	28.934	3010.262	3497.625	1.855	2.378	332.197	1	14.741
11/2/2017 11:20	48000	12.691	17.704	28.927	3007.287	3494.189	1.853	2.376	332.526	1	14.743
11/2/2017 11:25	48300	12.688	17.705	28.92	3004.52	3490.947	1.852	2.374	332.832	1	14.745
11/2/2017 11:30	48600	12.686	17.705	28.915	3002.337	3488.417	1.85	2.372	333.074	1	14.747
11/2/2017 11:35	48900	12.688	17.705	28.919	2999.781	3485.441	1.848	2.37	333.358	1	14.746
11/2/2017 11:40	49200	12.688	17.704	28.919	2995.732	3480.763	1.846	2.367	333.808	1	14.745
11/2/2017 11:45	49500	12.688	17.705	28.921	2993.055	3477.633	1.844	2.365	334.107	1	14.745
11/2/2017 11:50	49800	12.688	17.705	28.921	2990.229	3474.349	1.842	2.363	334.423	1	14.746
11/2/2017 11:55	50100	12.685	17.705	28.914	2987.884	3471.604	1.841	2.361	334.685	1	14.747
11/2/2017 12:00	50400	12.685	17.705	28.913	2985.821	3469.023	1.839	2.359	334.939	1	14.748
11/2/2017 12:05	50700	12.687	17.705	28.917	2982.845	3465.763	1.837	2.357	335.25	1	14.747
11/2/2017 12:10	51000	12.688	17.704	28.92	2980.601	3463.182	1.836	2.355	335.503	1	14.746
11/2/2017 12:15	51300	12.688	17.704	28.92	2977.766	3459.889	1.834	2.353	335.822	1	14.745
11/2/2017 12:20	51600	12.688	17.705	28.92	2975.371	3457.059	1.833	2.351	336.092	1	14.745
11/2/2017 12:25	51900	12.688	17.705	28.92	2972.914	3454.238	1.831	2.349	336.37	1	14.745
11/2/2017 12:30	52200	12.688	17.705	28.921	2971.545	3452.663	1.83	2.348	336.523	1	14.745
11/2/2017 12:35	52500	12.687	17.705	28.918	2968.67	3449.293	1.828	2.346	336.851	1	14.744
11/2/2017 12:40	52800	12.689	17.705	28.922	2966.791	3447.11	1.827	2.344	337.065	1	14.743
11/2/2017 12:45	53100	12.688	17.705	28.921	2964.102	3443.979	1.825	2.342	337.37	1	14.743
11/2/2017 12:50	53400	12.688	17.705	28.92	2961.72	3441.218	1.824	2.34	337.642	1	14.743
11/2/2017 12:55	53700	12.688	17.705	28.92	2959.96	3439.173	1.823	2.339	337.842	1	14.743
11/2/2017 13:00	54000	12.687	17.704	28.917	2957.553	3436.409	1.821	2.337	338.117	1	14.744
11/2/2017 13:05	54300	12.688	17.705	28.919	2955.149	3433.589	1.819	2.335	338.392	1	14.744
11/2/2017 13:10	54600	12.686	17.705	28.916	2954.031	3432.283	1.819	2.334	338.521	1	14.745
11/2/2017 13:15	54900	12.684	17.705	28.91	2951.901	3429.788	1.817	2.332	338.765	1	14.745
11/2/2017 13:20	55200	12.684	17.704	28.91	2950.375	3428.056	1.816	2.331	338.94	1	14.744
11/2/2017 13:25	55500	12.685	17.705	28.913	2949.259	3426.746	1.816	2.33	339.068	1	14.742
11/2/2017 13:30	55800	12.685	17.705	28.914	2947.047	3424.149	1.814	2.328	339.223	1	14.741
11/2/2017 13:35	56100	12.684	17.705	28.911	2946.052	3423.021	1.813	2.328	339.437	1	14.74
11/2/2017 13:40	56400	12.685	17.704	28.913	2944.376	3421.086	1.812	2.326	339.63	1	14.739
11/2/2017 13:45	56700	12.686	17.705	28.916	2942.788	3419.214	1.811	2.325	339.814	1	14.739
11/2/2017 13:50	57000	12.685	17.704	28.914	2941.573	3417.856	1.811	2.324	339.954	1	14.739
11/2/2017 13:55	57300	12.686	17.705	28.914	2939.291	3415.158	1.809	2.322	340.218	1	14.739
11/2/2017 14:00	57600	12.689	17.705	28.922	2937.949	3413.585	1.808	2.321	340.374	1	14.738
11/2/2017 14:05	57900	12.685	17.704	28.914	2937.469	3413.014	1.808	2.321	340.429	1	14.739
11/2/2017 14:10	58200	12.687	17.705	28.917	2935.112	3410.308	1.806	2.319	340.703	1	14.736
11/2/2017 14:15	58500	12.688	17.705	28.92	2933.685	3408.618	1.805	2.318	340.868	1	14.734
11/2/2017 14:20	58800	12.686	17.705	28.916	2932.231	3406.948	1.804	2.317	341.037	1	14.735
11/2/2017 14:25	59100	12.685	17.705	28.912	2931.542	3406.155	1.804	2.316	341.117	1	14.737
11/2/2017 14:30	59400	12.683	17.704	28.908	2929.969	3404.346	1.803	2.315	341.3	1	14.738
11/2/2017 14:35	59700	12.684	17.705	28.911	2929.179	3403.395	1.802	2.314	341.393	1	14.736
11/2/2017 14:40	60000	12.686	17.705	28.916	2928.241	3402.325	1.802	2.314	341.502	1	14.733
11/2/2017 14:45	60300	12.688	17.705	28.92	2926.519	3400.304	1.801	2.312	341.703	1	14.731
11/2/2017 14:50	60600	12.686	17.705	28.915	2925.563	3399.214	1.8	2.311	341.814	1	14.732
11/2/2017 14:55	60900	12.684	17.705	28.911	2924.066	3397.475	1.799	2.31	341.99	1	14.733
11/2/2017 15:00	61200	12.682	17.705	28.907	2923.08	3396.328	1.798	2.31	342.105	1	14.734
11/2/2017 15:05	61500	12.684	17.705	28.911	2921.752	3394.779	1.798	2.308	342.26	1	14.733
11/2/2017 15:10	61800	12.685	17.705	28.913	2921.183	3394.112	1.797	2.308	342.327	1	14.733
11/2/2017 15:15	62100	12.685	17.705	28.913	2920.507	3393.346	1.797	2.307	342.406	1	14.733
11/2/2017 15:20	62400	12.685	17.705	28.912	2919.435	3392.074	1.796	2.307	342.532	1	14.735
11/2/2017 15:25	62700	12.682	17.705	28.907	2918.648	3391.173	1.796	2.306	342.624	1	14.736
11/2/2017 15:30	63000	12.681	17.704	28.904	2918.07	3390.527	1.795	2.306	342.692	1	14.738
11/2/2017 15:35	63300	12.683	17.705	28.909	2917.018	3389.285	1.795	2.305	342.816	1	14.735
11/2/2017 15:40	63600	12.683	17.705	28.909	2915.854	3387.939	1.794	2.304	342.953	1	14.736
11/2/2017 15:45	63900	12.683	17.705	28.907	2914.531	33					

11/3/2017 2:05	101100	12.682	17.705	28.907	3245.606	3771.028	2.009	2.564	308.109	1	14.748
11/3/2017 2:10	101400	12.681	17.706	28.905	3248.06	3773.843	2.011	2.566	307.876	1	14.748
11/3/2017 2:15	101700	12.68	17.705	28.902	3251.73	3778.173	2.013	2.569	307.529	1	14.748
11/3/2017 2:20	102000	12.68	17.705	28.902	3254.601	3781.531	2.015	2.571	307.257	1	14.747
11/3/2017 2:25	102300	12.681	17.705	28.904	3256.371	3783.521	2.016	2.573	307.09	1	14.747
11/3/2017 2:30	102600	12.681	17.705	28.904	3260.324	3788.158	2.019	2.576	306.718	1	14.746
11/3/2017 2:35	102900	12.68	17.705	28.904	3261.829	3789.941	2.02	2.577	306.576	1	14.746
11/3/2017 2:40	103200	12.677	17.705	28.896	3264.651	3793.156	2.022	2.579	306.311	1	14.749
11/3/2017 2:45	103500	12.677	17.705	28.896	3266.345	3795.154	2.023	2.581	306.153	1	14.751
11/3/2017 2:50	103800	12.68	17.705	28.901	3269.271	3798.539	2.025	2.583	305.879	1	14.747
11/3/2017 2:55	104100	12.683	17.705	28.908	3271.363	3800.984	2.026	2.585	305.683	1	14.744
11/3/2017 3:00	104400	12.686	17.705	28.914	3273.294	3803.206	2.027	2.586	305.503	1	14.74
11/3/2017 3:05	104700	12.684	17.705	28.904	3275.882	3806.227	2.029	2.588	305.25	1	14.742
11/3/2017 3:10	105000	12.682	17.705	28.906	3277.695	3808.319	2.03	2.59	305.092	1	14.744
11/3/2017 3:15	105300	12.68	17.705	28.901	3280.691	3811.8	2.032	2.592	304.814	1	14.745
11/3/2017 3:20	105600	12.682	17.705	28.906	3282.506	3813.894	2.033	2.593	304.645	1	14.744
11/3/2017 3:25	105900	12.682	17.705	28.906	3283.644	3815.261	2.034	2.594	304.54	1	14.742
11/3/2017 3:30	106200	12.685	17.705	28.913	3285.626	3817.564	2.036	2.596	304.356	1	14.741
11/3/2017 3:35	106500	12.684	17.705	28.911	3287.504	3819.708	2.037	2.597	304.182	1	14.741
11/3/2017 3:40	106800	12.683	17.705	28.909	3289.645	3822.218	2.038	2.599	303.984	1	14.742
11/3/2017 3:45	107100	12.682	17.705	28.906	3292.064	3824.992	2.04	2.601	303.761	1	14.742
11/3/2017 3:50	107400	12.687	17.705	28.917	3293.299	3826.464	2.041	2.602	303.647	1	14.739
11/3/2017 3:55	107700	12.69	17.705	28.924	3295.07	3828.529	2.042	2.603	303.484	1	14.735
11/3/2017 4:00	108000	12.693	17.705	28.931	3296.26	3829.935	2.043	2.604	303.374	1	14.732
11/3/2017 4:05	108300	12.691	17.705	28.926	3298.75	3832.82	2.044	2.606	303.145	1	14.733
11/3/2017 4:10	108600	12.691	17.705	28.928	3300.017	3834.3	2.045	2.607	303.029	1	14.734
11/3/2017 4:15	108900	12.692	17.705	28.93	3301.079	3835.495	2.046	2.608	302.931	1	14.736
11/3/2017 4:20	109200	12.692	17.705	28.928	3303.451	3838.252	2.047	2.61	302.714	1	14.739
11/3/2017 4:25	109500	12.69	17.705	28.924	3305.597	3840.761	2.049	2.612	302.517	1	14.742
11/3/2017 4:30	109800	12.688	17.705	28.921	3307.131	3842.52	2.05	2.613	302.377	1	14.746
11/3/2017 4:35	110100	12.69	17.705	28.925	3308.444	3844.069	2.05	2.614	302.257	1	14.745
11/3/2017 4:40	110400	12.688	17.704	28.92	3310.725	3846.764	2.052	2.616	302.049	1	14.744
11/3/2017 4:45	110700	12.688	17.705	28.919	3311.413	3847.525	2.052	2.616	301.986	1	14.744
11/3/2017 4:50	111000	12.687	17.705	28.917	3312.761	3849.077	2.053	2.617	301.863	1	14.745
11/3/2017 4:55	111300	12.687	17.705	28.916	3313.652	3850.119	2.054	2.618	301.782	1	14.746
11/3/2017 5:00	111600	12.686	17.705	28.915	3315.77	3852.603	2.055	2.62	301.589	1	14.746
11/3/2017 5:05	111900	12.689	17.705	28.921	3315.532	3852.321	2.055	2.62	301.611	1	14.746
11/3/2017 5:10	112200	12.689	17.705	28.922	3317.094	3854.134	2.056	2.621	301.469	1	14.745
11/3/2017 5:15	112500	12.689	17.705	28.921	3317.056	3854.098	2.056	2.621	301.472	1	14.745
11/3/2017 5:20	112800	12.688	17.705	28.919	3318.021	3855.196	2.057	2.622	301.384	1	14.747
11/3/2017 5:25	113100	12.688	17.705	28.92	3318.859	3856.17	2.057	2.622	301.308	1	14.75
11/3/2017 5:30	113400	12.686	17.705	28.916	3319.828	3857.318	2.058	2.623	301.22	1	14.752
11/3/2017 5:35	113700	12.687	17.705	28.918	3320.419	3857.989	2.058	2.623	301.167	1	14.748
11/3/2017 5:40	114000	12.688	17.705	28.919	3321.941	3859.735	2.059	2.625	301.029	1	14.751
11/3/2017 5:45	114300	12.688	17.705	28.92	3322.506	3860.415	2.06	2.625	300.978	1	14.75
11/3/2017 5:50	114600	12.689	17.705	28.922	3322.284	3860.142	2.06	2.625	300.998	1	14.748
11/3/2017 5:55	114900	12.694	17.705	28.932	3323.135	3861.131	2.06	2.626	300.921	1	14.746
11/3/2017 6:00	115200	12.695	17.705	28.936	3323.157	3861.178	2.06	2.626	300.919	1	14.744
11/3/2017 6:05	115500	12.693	17.705	28.931	3324.089	3862.221	2.061	2.626	300.884	1	14.745
11/3/2017 6:10	115800	12.692	17.705	28.929	3324.43	3862.657	2.061	2.627	300.803	1	14.746
11/3/2017 6:15	116100	12.688	17.705	28.92	3324.977	3863.279	2.061	2.627	300.754	1	14.748
11/3/2017 6:20	116400	12.689	17.704	28.923	3321.974	3859.819	2.059	2.625	301.026	1	14.745
11/3/2017 6:25	116700	12.692	17.705	28.929	3316.61	3853.564	2.056	2.62	301.513	1	14.742
11/3/2017 6:30	117000	12.697	17.705	28.94	3309.309	3845.081	2.051	2.615	302.178	1	14.739
11/3/2017 6:35	117300	12.696	17.704	28.938	3301.686	3836.254	2.046	2.609	302.876	1	14.739
11/3/2017 6:40	117600	12.696	17.705	28.937	3292.219	3825.231	2.04	2.601	303.747	1	14.739
11/3/2017 6:45	117900	12.697	17.705	28.941	3284.397	3816.151	2.035	2.595	304.47	1	14.738
11/3/2017 6:50	118200	12.695	17.705	28.936	3277.767	3808.432	2.03	2.59	305.086	1	14.741
11/3/2017 6:55	118500	12.692	17.705	28.928	3270.138	3799.561	2.025	2.584	305.798	1	14.744
11/3/2017 7:00	118800	12.688	17.705	28.919	3263.306	3791.646	2.021	2.578	306.688	1	14.746
11/3/2017 7:05	119100	12.691	17.704	28.928	3257.396	3784.785	2.017	2.574	306.994	1	14.744
11/3/2017 7:10	119400	12.695	17.705	28.925	3250.748	3777.029	2.013	2.569	307.621	1	14.746
11/3/2017 7:15	119700	12.696	17.705	28.939	3244.653	3769.942	2.009	2.564	308.199	1	14.74
11/3/2017 7:20	120000	12.694	17.705	28.933	3239.619	3764.115	2.005	2.56	308.678	1	14.741
11/3/2017 7:25	120300	12.694	17.704	28.933	3233.054	3756.51	2.001	2.554	309.305	1	14.743
11/3/2017 7:30	120600	12.692	17.705	28.928	3228.115	3750.757	1.998	2.551	309.778	1	14.745
11/3/2017 7:35	120900	12.692	17.704	28.929	3222.222	3743.916	1.994	2.546	310.345	1	14.746
11/3/2017 7:40	121200	12.69	17.705	28.924	3216.877	3737.685	1.99	2.542	310.86	1	14.747
11/3/2017 7:45	121500	12.69	17.704	28.925	3211.349	3731.29	1.987	2.537	311.396	1	14.748
11/3/2017 7:50	121800	12.691	17.705	28.927	3206.228	3725.326	1.983	2.533	311.893	1	14.747
11/3/2017 7:55	122100	12.693	17.705	28.932	3200.472	3718.638	1.98	2.529	312.454	1	14.747
11/3/2017 8:00	122400	12.693	17.704	28.931	3196.463	3713.987	1.977	2.526	312.846	1	14.746
11/3/2017 8:05	122700	12.693	17.704	28.931	3191.198	3707.877	1.974	2.521	313.362	1	14.747
11/3/2017 8:10	123000	12.692	17.704	28.929	3186.613	3702.556	1.971	2.518	313.813	1	14.746
11/3/2017 8:15	123300	12.693	17.705	28.93	3180.942	3695.932	1.967	2.513	314.372	1	14.749
11/3/2017 8:20	123600	12.695	17.705	28.935	3176.226	3690.452	1.964	2.51	314.839	1	14.748
11/3/2017 8:25	123900	12.696	17.704	28.939	3170.384	3683.699	1.96	2.505	315.419	1	14.746
11/3/2017 8:30	124200	12.698	17.705	28.943	3165.719	3678.25	1.957	2.501	315.884	1	14.745
11/3/2017 8:35	124500	12.697	17.704	28.94	3159.965	3671.586	1.953	2.497	316.459	1	14.747
11/3/2017 8:40	124800	12.695	17.704	28.936	3155.148	3666.012	1.95	2.493	316.942	1	14.746
11/3/2017 8:45	125100	12.694	17.704	28.934	3150.11	3660.136	1.947	2.489	317.449	1	14.75
11/3/2017 8:50	125400	12.694	17.704	28.933	3144.242	3653.325	1.943	2.484	318.042	1	14.752
11/3/2017 8:55	125700	12.692	17.704	28.928	3139.897	3648.283	1.94	2.481	318.482	1	14.755
11/3/2017 9:00	126000	12.691	17.704	28.926	3134.666	3642.185	1.937	2.477	319.013	1	14.757
11/3/2017 9:05	126300	12.692	17.704	28.929	3129.711	3636.456	1.933	2.473	319.518	1	14.757
11/3/2017 9:10	126600	12.691	17.704	28.927	3124.281	3630.167	1.93	2.469	320.074	1	14.752
11/3/2017 9:15	126900	12.695	17.704	28.936	3119.899	3625.026	1.927	2.465	320.523	1	14.758
11/3/2017 9:20	127200	12.69	17.705	28.925	3114.921						

11/3/2017 19:40	164400	12.674	17.704	28.889	2897.175	3366.255	1.782	2.289	345.164	1	14.732
11/3/2017 19:45	164700	12.672	17.704	28.884	2896.076	3364.979	1.781	2.288	345.295	1	14.734
11/3/2017 19:50	165000	12.674	17.704	28.888	2896.044	3364.928	1.781	2.288	345.299	1	14.731
11/3/2017 19:55	165300	12.677	17.704	28.895	2895.328	3364.116	1.78	2.288	345.384	1	14.728
11/3/2017 20:00	165600	12.679	17.704	28.9	2895.356	3364.169	1.78	2.288	345.381	1	14.725
11/3/2017 20:05	165900	12.677	17.704	28.896	2894.688	3363.366	1.78	2.287	345.46	1	14.726
11/3/2017 20:10	166200	12.676	17.704	28.892	2893.033	3361.45	1.779	2.286	345.658	1	14.728
11/3/2017 20:15	166500	12.673	17.704	28.886	2893.829	3362.368	1.779	2.286	345.563	1	14.73
11/3/2017 20:20	166800	12.673	17.704	28.887	2893.782	3362.307	1.779	2.286	345.568	1	14.73
11/3/2017 20:25	167100	12.672	17.704	28.884	2894.009	3362.577	1.78	2.287	345.541	1	14.731
11/3/2017 20:30	167400	12.672	17.704	28.882	2894.239	3362.851	1.78	2.287	345.514	1	14.731
11/3/2017 20:35	167700	12.671	17.704	28.88	2893.172	3361.624	1.779	2.286	345.641	1	14.731
11/3/2017 20:40	168000	12.671	17.704	28.882	2892.635	3360.998	1.779	2.285	345.706	1	14.731
11/3/2017 20:45	168300	12.671	17.704	28.881	2893.633	3362.147	1.779	2.286	345.586	1	14.731
11/3/2017 20:50	168600	12.671	17.704	28.882	2892.995	3361.412	1.779	2.286	345.663	1	14.731
11/3/2017 20:55	168900	12.672	17.704	28.883	2892.567	3360.941	1.779	2.285	345.714	1	14.73
11/3/2017 21:00	169200	12.672	17.704	28.884	2892.528	3360.856	1.779	2.285	345.718	1	14.73
11/3/2017 21:05	169500	12.672	17.704	28.883	2891.864	3360.111	1.778	2.285	345.798	1	14.73
11/3/2017 21:10	169800	12.671	17.705	28.882	2892.453	3360.75	1.779	2.285	345.727	1	14.731
11/3/2017 21:15	170100	12.671	17.704	28.882	2891.975	3360.214	1.778	2.285	345.784	1	14.732
11/3/2017 21:20	170400	12.671	17.704	28.881	2891.885	3360.123	1.778	2.285	345.795	1	14.732
11/3/2017 21:25	170700	12.671	17.704	28.881	2891.994	3360.229	1.778	2.285	345.782	1	14.732
11/3/2017 21:30	171000	12.669	17.704	28.878	2892.039	3360.282	1.778	2.285	345.777	1	14.733
11/3/2017 21:35	171300	12.669	17.704	28.877	2891.869	3360.077	1.778	2.285	345.797	1	14.734
11/3/2017 21:40	171600	12.667	17.704	28.892	2892.902	3361.277	1.779	2.286	345.674	1	14.735
11/3/2017 21:45	171900	12.667	17.704	28.872	2892.021	3360.281	1.778	2.285	345.779	1	14.736
11/3/2017 21:50	172200	12.668	17.705	28.875	2890.42	3358.375	1.777	2.284	345.97	1	14.735
11/3/2017 21:55	172500	12.669	17.705	28.876	2892.084	3360.322	1.778	2.285	345.771	1	14.735
11/3/2017 22:00	172800	12.67	17.704	28.879	2894.916	3363.645	1.78	2.287	345.433	1	14.734
11/3/2017 22:05	173100	12.674	17.704	28.888	2905.916	3376.419	1.787	2.296	344.126	1	14.734
11/3/2017 22:10	173400	12.674	17.705	28.888	2921.975	3395.091	1.798	2.309	342.234	1	14.733
11/3/2017 22:15	173700	12.674	17.704	28.888	2937.857	3413.524	1.808	2.321	340.384	1	14.732
11/3/2017 22:20	174000	12.673	17.704	28.885	2954.067	3432.345	1.819	2.334	338.516	1	14.734
11/3/2017 22:25	174300	12.672	17.704	28.883	2969.249	3450.02	1.829	2.346	336.785	1	14.736
11/3/2017 22:30	174600	12.67	17.704	28.878	2983.835	3466.988	1.838	2.358	335.139	1	14.738
11/3/2017 22:35	174900	12.669	17.704	28.876	2996.142	3481.26	1.846	2.367	333.763	1	14.739
11/3/2017 22:40	175200	12.668	17.704	28.874	3007.853	3494.904	1.854	2.377	332.463	1	14.74
11/3/2017 22:45	175500	12.667	17.704	28.871	3018.985	3507.795	1.861	2.385	331.237	1	14.741
11/3/2017 22:50	175800	12.67	17.705	28.879	3029.94	3520.496	1.868	2.394	330.04	1	14.737
11/3/2017 22:55	176100	12.674	17.704	28.889	3040.442	3532.705	1.875	2.402	328.9	1	14.734
11/3/2017 23:00	176400	12.678	17.705	28.896	3049.579	3543.301	1.881	2.409	327.914	1	14.73
11/3/2017 23:05	176700	12.677	17.704	28.895	3059.777	3555.177	1.888	2.418	326.821	1	14.731
11/3/2017 23:10	177000	12.673	17.704	28.887	3067.995	3564.74	1.893	2.424	325.946	1	14.732
11/3/2017 23:15	177300	12.672	17.705	28.884	3075.686	3573.634	1.898	2.43	325.131	1	14.735
11/3/2017 23:20	177600	12.672	17.704	28.883	3083.141	3582.338	1.903	2.436	324.345	1	14.734
11/3/2017 23:25	177900	12.671	17.705	28.881	3090.782	3591.182	1.908	2.442	323.543	1	14.734
11/3/2017 23:30	178200	12.672	17.704	28.883	3098.063	3599.669	1.913	2.448	322.782	1	14.734
11/3/2017 23:35	178500	12.672	17.704	28.883	3105.195	3607.97	1.917	2.453	322.041	1	14.733
11/3/2017 23:40	178800	12.673	17.704	28.885	3111.565	3615.372	1.921	2.458	321.382	1	14.732
11/3/2017 23:45	179100	12.674	17.704	28.887	3117.503	3622.257	1.925	2.463	320.77	1	14.731
11/3/2017 23:50	179400	12.674	17.704	28.889	3123.507	3629.226	1.929	2.468	320.153	1	14.729
11/3/2017 23:55	179700	12.677	17.705	28.895	3129.784	3636.485	1.933	2.473	319.511	1	14.728
11/4/2017 0:00	180000	12.679	17.704	28.9	3135.084	3642.72	1.937	2.477	318.971	1	14.726
11/4/2017 0:05	180300	12.679	17.704	28.9	3141.745	3650.446	1.941	2.482	318.294	1	14.727
11/4/2017 0:10	180600	12.678	17.704	28.897	3146.052	3655.421	1.944	2.486	317.859	1	14.729
11/4/2017 0:15	180900	12.677	17.705	28.895	3151.411	3661.619	1.948	2.49	317.318	1	14.73
11/4/2017 0:20	181200	12.676	17.705	28.893	3157.05	3668.186	1.951	2.494	316.751	1	14.731
11/4/2017 0:25	181500	12.677	17.705	28.894	3161.67	3673.546	1.954	2.498	316.289	1	14.732
11/4/2017 0:30	181800	12.675	17.704	28.889	3166.453	3679.133	1.957	2.502	315.811	1	14.733
11/4/2017 0:35	182100	12.674	17.705	28.889	3169.944	3683.16	1.96	2.505	315.463	1	14.734
11/4/2017 0:40	182400	12.676	17.705	28.893	3174.312	3688.468	1.963	2.508	315.009	1	14.735
11/4/2017 0:45	182700	12.676	17.704	28.892	3178.483	3693.102	1.965	2.511	314.615	1	14.736
11/4/2017 0:50	183000	12.674	17.705	28.887	3183.32	3698.694	1.968	2.515	314.137	1	14.736
11/4/2017 0:55	183300	12.672	17.704	28.883	3186.515	3702.465	1.971	2.518	313.822	1	14.736
11/4/2017 1:00	183600	12.672	17.704	28.884	3190.361	3706.897	1.973	2.521	313.444	1	14.736
11/4/2017 1:05	183900	12.675	17.704	28.89	3193.933	3711.069	1.975	2.524	313.094	1	14.733
11/4/2017 1:10	184200	12.678	17.704	28.896	3197.832	3715.584	1.978	2.527	312.712	1	14.73
11/4/2017 1:15	184500	12.683	17.705	28.908	3205.079	3724.012	1.98	2.53	312.348	1	14.728
11/4/2017 1:20	184800	12.683	17.704	28.908	3205.079	3724.012	1.983	2.532	312.005	1	14.729
11/4/2017 1:25	185100	12.682	17.705	28.906	3209.092	3728.646	1.985	2.535	311.615	1	14.73
11/4/2017 1:30	185400	12.683	17.704	28.909	3212.48	3732.627	1.988	2.538	311.286	1	14.731
11/4/2017 1:35	185700	12.684	17.704	28.91	3215.067	3735.64	1.989	2.54	311.035	1	14.73
11/4/2017 1:40	186000	12.682	17.705	28.907	3218.255	3739.286	1.991	2.543	310.727	1	14.729
11/4/2017 1:45	186300	12.683	17.704	28.909	3221.48	3743.069	1.993	2.545	310.463	1	14.731
11/4/2017 1:50	186600	12.685	17.705	28.912	3224.222	3746.226	1.995	2.547	310.152	1	14.729
11/4/2017 1:55	186900	12.683	17.704	28.908	3226.299	3748.684	1.997	2.549	309.953	1	14.73
11/4/2017 2:00	187200	12.682	17.704	28.906	3229.74	3752.666	1.999	2.552	309.622	1	14.731
11/4/2017 2:05	187500	12.683	17.704	28.908	3232.145	3755.46	2	2.554	309.392	1	14.731
11/4/2017 2:10	187800	12.683	17.704	28.908	3233.983	3757.589	2.002	2.555	309.216	1	14.731
11/4/2017 2:15	188100	12.684	17.704	28.911	3236.791	3760.841	2.003	2.557	308.948	1	14.731
11/4/2017 2:20	188400	12.682	17.705	28.905	3239.446	3763.915	2.005	2.559	308.695	1	14.733
11/4/2017 2:25	188700	12.681	17.705	28.903	3242.051	3766.934	2.007	2.562	308.447	1	14.735
11/4/2017 2:30	189000	12.68	17.705	28.902	3243.91	3769.094	2.008	2.563	308.27	1	14.736
11/4/2017 2:35	189300	12.68	17.704	28.903	3246.228	3771.824	2.01	2.565	308.05	1	14.735
11/4/2017 2:40	189600	12.682	17.705	28.906	3248.736	3774.716	2.011	2.567	307.812	1	14.733
11/4/2017 2:45	189900	12.682	17.704	28.907	3250.975	3777.332	2.013	2.569	307.6	1	14.735
11/4/2017 2:50	190200	12.681	17.705	28.903	3253.553	3780.298	2.014	2.571	307.356	1	14.733
11/4/2017 2:55	1										

11/4/2017 13:15	227700	12.686	17704	28.915	2947.376	3424.598	1.814	2.329	339.285	1	14.737
11/4/2017 13:20	228000	12.686	17704	28.915	2945.592	3422.559	1.813	2.327	339.49	1	14.737
11/4/2017 13:25	228300	12.685	17704	28.913	2944.007	3420.717	1.812	2.326	339.673	1	14.737
11/4/2017 13:30	228600	12.685	17704	28.914	2942.367	3418.785	1.811	2.325	339.862	1	14.736
11/4/2017 13:35	228900	12.684	17704	28.91	2941.777	3418.099	1.811	2.324	339.931	1	14.736
11/4/2017 13:40	229200	12.684	17704	28.912	2939.597	3415.553	1.809	2.323	340.183	1	14.735
11/4/2017 13:45	229500	12.684	17704	28.91	2938.582	3414.38	1.809	2.322	340.3	1	14.734
11/4/2017 13:50	229800	12.684	17704	28.911	2936.713	3412.228	1.807	2.32	340.517	1	14.734
11/4/2017 13:55	230100	12.684	17704	28.91	2935.585	3410.931	1.807	2.319	340.648	1	14.733
11/4/2017 14:00	230400	12.684	17704	28.911	2935.137	3410.397	1.806	2.319	340.7	1	14.732
11/4/2017 14:05	230700	12.681	17704	28.905	2932.833	3407.708	1.805	2.317	340.967	1	14.733
11/4/2017 14:10	231000	12.681	17704	28.903	2931.083	3405.894	1.804	2.316	341.171	1	14.735
11/4/2017 14:15	231300	12.678	17704	28.897	2929.56	3403.905	1.803	2.315	341.348	1	14.736
11/4/2017 14:20	231600	12.679	17704	28.899	2928.075	3402.166	1.802	2.313	341.521	1	14.735
11/4/2017 14:25	231900	12.68	17704	28.901	2927.771	3401.832	1.802	2.313	341.557	1	14.733
11/4/2017 14:30	232200	12.681	17704	28.905	2925.927	3399.669	1.8	2.312	341.772	1	14.732
11/4/2017 14:35	232500	12.682	17704	28.905	2924.379	3397.884	1.799	2.311	341.953	1	14.731
11/4/2017 14:40	232800	12.682	17704	28.906	2924.447	3397.99	1.799	2.311	341.945	1	14.73
11/4/2017 14:45	233100	12.685	17704	28.913	2922.424	3395.645	1.798	2.309	342.182	1	14.729
11/4/2017 14:50	233400	12.684	17704	28.91	2927.209	3401.185	1.801	2.313	341.622	1	14.731
11/4/2017 14:55	233700	12.682	17704	28.907	2937.667	3413.331	1.808	2.321	340.406	1	14.732
11/4/2017 15:00	234000	12.68	17704	28.902	2952.233	3430.255	1.818	2.333	338.727	1	14.734
11/4/2017 15:05	234300	12.68	17703	28.902	2966.509	3446.882	1.827	2.344	337.097	1	14.733
11/4/2017 15:10	234600	12.681	17703	28.903	2981.261	3464.023	1.836	2.356	335.429	1	14.732
11/4/2017 15:15	234900	12.682	17704	28.906	2994.887	3479.802	1.845	2.366	333.902	1	14.732
11/4/2017 15:20	235200	12.682	17703	28.906	3007.52	3494.459	1.854	2.376	332.5	1	14.733
11/4/2017 15:25	235500	12.681	17704	28.904	3017.771	3506.405	1.86	2.384	331.37	1	14.733
11/4/2017 15:30	235800	12.68	17704	28.902	3029.435	3519.984	1.868	2.394	330.095	1	14.734
11/4/2017 15:35	236100	12.683	17704	28.907	3039.094	3531.215	1.874	2.401	329.045	1	14.733
11/4/2017 15:40	236400	12.685	17704	28.914	3048.515	3542.085	1.88	2.409	328.029	1	14.731
11/4/2017 15:45	236700	12.686	17704	28.915	3057.851	3552.974	1.886	2.416	327.027	1	14.73
11/4/2017 15:50	237000	12.684	17704	28.912	3066.86	3563.443	1.892	2.423	326.066	1	14.732
11/4/2017 15:55	237300	12.682	17704	28.906	3075.52	3573.49	1.898	2.43	325.148	1	14.734
11/4/2017 16:00	237600	12.681	17704	28.903	3083.809	3583.107	1.903	2.437	324.274	1	14.736
11/4/2017 16:05	237900	12.681	17704	28.904	3091.441	3591.99	1.908	2.443	323.474	1	14.736
11/4/2017 16:10	238200	12.681	17704	28.905	3098.71	3600.456	1.913	2.448	322.715	1	14.736
11/4/2017 16:15	238500	12.681	17704	28.904	3105.493	3608.343	1.918	2.454	322.01	1	14.737
11/4/2017 16:20	238800	12.682	17704	28.907	3113.128	3617.202	1.923	2.46	321.22	1	14.737
11/4/2017 16:25	239100	12.681	17704	28.904	3118.874	3623.871	1.926	2.464	320.629	1	14.737
11/4/2017 16:30	239400	12.681	17704	28.904	3125.731	3631.817	1.931	2.47	319.925	1	14.738
11/4/2017 16:35	239700	12.685	17704	28.912	3130.921	3637.876	1.934	2.474	319.395	1	14.735
11/4/2017 16:40	240000	12.688	17704	28.919	3136.566	3644.406	1.938	2.478	318.82	1	14.733
11/4/2017 16:45	240300	12.69	17705	28.924	3143.114	3652.024	1.942	2.483	318.156	1	14.73
11/4/2017 16:50	240600	12.687	17705	28.918	3147.505	3657.096	1.945	2.487	317.712	1	14.733
11/4/2017 16:55	240900	12.685	17704	28.913	3152.598	3663.042	1.948	2.491	317.199	1	14.736
11/4/2017 17:00	241200	12.682	17704	28.907	3157.532	3668.824	1.952	2.495	316.703	1	14.739
11/4/2017 17:05	241500	12.682	17705	28.907	3162.249	3674.212	1.955	2.498	316.231	1	14.739
11/4/2017 17:10	241800	12.681	17704	28.903	3166.84	3679.575	1.958	2.502	315.772	1	14.739
11/4/2017 17:15	242100	12.681	17705	28.905	3171.605	3685.09	1.961	2.506	315.298	1	14.739
11/4/2017 17:20	242400	12.682	17704	28.905	3175.869	3690.066	1.964	2.509	314.874	1	14.738
11/4/2017 17:25	242700	12.684	17704	28.91	3179.501	3694.293	1.966	2.512	314.515	1	14.737
11/4/2017 17:30	243000	12.683	17704	28.909	3184.694	3700.326	1.969	2.516	314.002	1	14.736
11/4/2017 17:35	243300	12.684	17704	28.91	3187.323	3703.382	1.971	2.518	313.743	1	14.735
11/4/2017 17:40	243600	12.686	17704	28.915	3192.008	3708.84	1.974	2.522	313.282	1	14.735
11/4/2017 17:45	243900	12.686	17705	28.915	3195.154	3712.46	1.976	2.524	312.974	1	14.735
11/4/2017 17:50	244200	12.689	17704	28.919	3198.931	3716.869	1.979	2.527	312.604	1	14.736
11/4/2017 17:55	244500	12.686	17704	28.916	3203.569	3722.293	1.982	2.531	312.152	1	14.736
11/4/2017 18:00	244800	12.685	17705	28.914	3206.782	3725.948	1.984	2.534	311.839	1	14.737
11/4/2017 18:05	245100	12.685	17704	28.913	3209.558	3729.239	1.986	2.536	311.569	1	14.738
11/4/2017 18:10	245400	12.686	17704	28.914	3213.833	3734.206	1.988	2.539	311.155	1	14.739
11/4/2017 18:15	245700	12.687	17704	28.917	3216.079	3736.808	1.99	2.541	310.938	1	14.739
11/4/2017 18:20	246000	12.686	17704	28.916	3219.74	3741.054	1.992	2.544	310.584	1	14.738
11/4/2017 18:25	246300	12.686	17705	28.915	3222.878	3744.672	1.994	2.546	310.282	1	14.739
11/4/2017 18:30	246600	12.686	17704	28.916	3225.403	3747.649	1.996	2.548	310.039	1	14.739
11/4/2017 18:35	246900	12.688	17704	28.92	3228.304	3751.013	1.998	2.551	309.76	1	14.739
11/4/2017 18:40	247200	12.689	17704	28.923	3230.59	3753.684	1.999	2.553	309.541	1	14.738
11/4/2017 18:45	247500	12.689	17705	28.922	3232.901	3756.318	2.001	2.554	309.32	1	14.738
11/4/2017 18:50	247800	12.691	17704	28.928	3236.63	3760.293	2.003	2.557	308.963	1	14.738
11/4/2017 18:55	248100	12.693	17704	28.93	3238.326	3762.628	2.004	2.559	308.802	1	14.737
11/4/2017 19:00	248400	12.694	17704	28.934	3240.626	3765.308	2.006	2.56	308.582	1	14.737
11/4/2017 19:05	248700	12.694	17705	28.933	3243.127	3768.199	2.008	2.562	308.344	1	14.74
11/4/2017 19:10	249000	12.69	17704	28.924	3246.426	3772.069	2.01	2.565	308.031	1	14.743
11/4/2017 19:15	249300	12.689	17704	28.923	3247.41	3773.227	2.01	2.566	307.938	1	14.746
11/4/2017 19:20	249600	12.688	17704	28.919	3249.84	3776.013	2.012	2.568	307.717	1	14.746
11/4/2017 19:25	249900	12.688	17704	28.919	3252.159	3778.76	2.014	2.57	307.488	1	14.748
11/4/2017 19:30	250200	12.689	17704	28.922	3254.616	3781.585	2.015	2.571	307.256	1	14.749
11/4/2017 19:35	250500	12.688	17704	28.921	3256.346	3783.587	2.016	2.573	307.093	1	14.748
11/4/2017 19:40	250800	12.69	17704	28.926	3257.872	3785.383	2.017	2.574	306.949	1	14.747
11/4/2017 19:45	251100	12.694	17705	28.932	3260.677	3788.575	2.019	2.576	306.685	1	14.747
11/4/2017 19:50	251400	12.692	17704	28.928	3263.528	3791.466	2.02	2.577	306.611	1	14.747
11/4/2017 19:55	251700	12.692	17704	28.93	3263.81	3792.288	2.021	2.579	306.39	1	14.748
11/4/2017 20:00	252000	12.692	17704	28.929	3266.055	3794.869	2.023	2.581	306.18	1	14.749
11/4/2017 20:05	252300	12.693	17704	28.93	3267.177	3796.171	2.023	2.581	306.075	1	14.751
11/4/2017 20:10	252600	12.691	17704	28.926	3268.263	3797.456	2.024	2.582	305.973	1	14.754
11/4/2017 20:15	252900	12.69	17704	28.924	3270.151	3799.62	2.025	2.584	305.796	1	14.756
11/4/2017 20:20	253200	12.687	17704	28.919	3271.523	3801.237	2.026	2.585	305.668	1	14.757
11/4/2017 20:25	253500	12.687	17704	28.917	3273.478	3803.501	2.028	2.586	305.486	1	14.762
11/4/2017 20:30	253800	12.685	17705	28.914	3274.953</						

11/5/2017 5:50	291000	12.717	17.704	28.987	3324.697	3863.043	2.061	2.627	300.779	1	14.791
11/5/2017 5:55	291300	12.717	17.704	28.986	3324.181	3862.42	2.061	2.626	300.826	1	14.791
11/5/2017 6:00	291600	12.718	17.703	28.989	3324.951	3863.376	2.061	2.627	300.756	1	14.791
11/5/2017 6:05	291900	12.717	17.704	28.986	3325.041	3863.434	2.061	2.627	300.748	1	14.792
11/5/2017 6:10	292200	12.716	17.704	28.984	3324.769	3863.118	2.061	2.627	300.773	1	14.793
11/5/2017 6:15	292500	12.716	17.704	28.983	3324.409	3862.693	2.061	2.627	300.805	1	14.795
11/5/2017 6:20	292800	12.718	17.704	28.988	3326.043	3864.592	2.062	2.628	300.658	1	14.794
11/5/2017 6:25	293100	12.718	17.704	28.988	3325.241	3863.653	2.062	2.627	300.73	1	14.793
11/5/2017 6:30	293400	12.72	17.704	28.993	3325.766	3864.247	2.062	2.628	300.683	1	14.793
11/5/2017 6:35	293700	12.718	17.704	28.987	3325.222	3863.638	2.062	2.627	300.732	1	14.795
11/5/2017 6:40	294000	12.716	17.704	28.985	3326.311	3864.926	2.062	2.628	300.633	1	14.797
11/5/2017 6:45	294300	12.713	17.704	28.976	3325.746	3864.262	2.062	2.628	300.684	1	14.8
11/5/2017 6:50	294600	12.715	17.704	28.982	3325.35	3863.817	2.062	2.627	300.72	1	14.8
11/5/2017 6:55	294900	12.715	17.705	28.981	3325.735	3864.181	2.062	2.628	300.685	1	14.801
11/5/2017 7:00	295200	12.716	17.704	28.983	3325.985	3864.501	2.062	2.628	300.663	1	14.801
11/5/2017 7:05	295500	12.713	17.704	28.977	3325.641	3864.094	2.062	2.628	300.694	1	14.804
11/5/2017 7:10	295800	12.713	17.704	28.976	3325.56	3864.007	2.062	2.628	300.701	1	14.806
11/5/2017 7:15	296100	12.71	17.704	28.97	3325.853	3864.348	2.062	2.628	300.675	1	14.809
11/5/2017 7:20	296400	12.712	17.703	28.975	3326.336	3864.978	2.062	2.628	300.631	1	14.807
11/5/2017 7:25	296700	12.717	17.704	28.986	3326.046	3864.581	2.062	2.628	300.657	1	14.805
11/5/2017 7:30	297000	12.718	17.704	28.989	3327.58	3866.384	2.063	2.629	300.519	1	14.803
11/5/2017 7:35	297300	12.719	17.704	28.991	3326.265	3864.888	2.062	2.628	300.637	1	14.802
11/5/2017 7:40	297600	12.719	17.704	28.99	3327.616	3866.405	2.063	2.629	300.515	1	14.802
11/5/2017 7:45	297900	12.722	17.704	28.997	3326.651	3865.321	2.063	2.628	300.603	1	14.801
11/5/2017 7:50	298200	12.719	17.704	28.991	3327	3865.681	2.063	2.629	300.571	1	14.805
11/5/2017 7:55	298500	12.715	17.704	28.982	3326.814	3865.473	2.063	2.629	300.588	1	14.809
11/5/2017 8:00	298800	12.713	17.704	28.976	3327.146	3865.859	2.063	2.629	300.558	1	14.813
11/5/2017 8:05	299100	12.714	17.703	28.979	3327.771	3866.659	2.063	2.629	300.501	1	14.811
11/5/2017 8:10	299400	12.718	17.704	28.987	3327.682	3866.489	2.063	2.629	300.509	1	14.81
11/5/2017 8:15	299700	12.719	17.704	28.99	3328.037	3866.901	2.063	2.629	300.477	1	14.808
11/5/2017 8:20	300000	12.723	17.704	28.989	3327.319	3866.112	2.063	2.629	300.542	1	14.808
11/5/2017 8:25	300300	12.72	17.704	28.993	3327.424	3866.182	2.063	2.629	300.533	1	14.809
11/5/2017 8:30	300600	12.72	17.704	28.994	3327.205	3865.942	2.063	2.629	300.553	1	14.809
11/5/2017 8:35	300900	12.719	17.704	28.991	3327.342	3866.138	2.063	2.629	300.54	1	14.811
11/5/2017 8:40	301200	12.717	17.704	28.986	3327.646	3866.477	2.063	2.629	300.513	1	14.813
11/5/2017 8:45	301500	12.716	17.704	28.984	3327.942	3866.775	2.063	2.629	300.486	1	14.815
11/5/2017 8:50	301800	12.717	17.703	28.987	3328.605	3867.657	2.064	2.63	300.426	1	14.816
11/5/2017 8:55	302100	12.72	17.704	28.993	3327.951	3866.794	2.063	2.629	300.485	1	14.813
11/5/2017 9:00	302400	12.721	17.704	28.995	3327.644	3866.445	2.063	2.629	300.513	1	14.812
11/5/2017 9:05	302700	12.722	17.703	28.998	3327.839	3866.723	2.063	2.629	300.495	1	14.812
11/5/2017 9:10	303000	12.723	17.704	28.999	3327.905	3866.71	2.063	2.629	300.489	1	14.812
11/5/2017 9:15	303300	12.723	17.704	28.999	3328.891	3867.908	2.064	2.63	300.4	1	14.811
11/5/2017 9:20	303600	12.72	17.704	28.993	3328.22	3867.107	2.064	2.63	300.464	1	14.813
11/5/2017 9:25	303900	12.721	17.704	28.995	3328.142	3867.037	2.063	2.63	300.468	1	14.814
11/5/2017 9:30	304200	12.72	17.704	28.992	3327.897	3866.723	2.063	2.629	300.49	1	14.816
11/5/2017 9:35	304500	12.718	17.704	28.989	3328.473	3867.401	2.064	2.63	300.438	1	14.817
11/5/2017 9:40	304800	12.717	17.704	28.987	3328.951	3868.001	2.064	2.63	300.395	1	14.817
11/5/2017 9:45	305100	12.717	17.704	28.986	3328.888	3867.898	2.064	2.63	300.401	1	14.818
11/5/2017 9:50	305400	12.716	17.704	28.988	3328.58	3867.532	2.064	2.63	300.428	1	14.817
11/5/2017 9:55	305700	12.719	17.704	28.99	3328.227	3867.115	2.064	2.63	300.46	1	14.816
11/5/2017 10:00	306000	12.72	17.704	28.992	3328.224	3867.088	2.064	2.63	300.461	1	14.816
11/5/2017 10:05	306300	12.722	17.704	28.998	3328.365	3867.305	2.064	2.63	300.448	1	14.815
11/5/2017 10:10	306600	12.721	17.704	28.995	3329.31	3868.41	2.064	2.631	300.363	1	14.815
11/5/2017 10:15	306900	12.722	17.703	28.997	3328.99	3868.068	2.064	2.63	300.391	1	14.814
11/5/2017 10:20	307200	12.722	17.704	28.997	3328.457	3867.397	2.064	2.63	300.44	1	14.814
11/5/2017 10:25	307500	12.722	17.704	28.997	3328.536	3867.504	2.064	2.63	300.432	1	14.814
11/5/2017 10:30	307800	12.723	17.704	29	3329.165	3868.22	2.064	2.63	300.376	1	14.814
11/5/2017 10:35	308100	12.723	17.704	29	3328.695	3867.695	2.064	2.63	300.418	1	14.814
11/5/2017 10:40	308400	12.724	17.704	29.002	3329.284	3868.335	2.064	2.63	300.365	1	14.813
11/5/2017 10:45	308700	12.724	17.704	29.002	3329.621	3868.779	2.064	2.631	300.335	1	14.813
11/5/2017 10:50	309000	12.724	17.704	29.001	3329.65	3868.806	2.064	2.631	300.332	1	14.813
11/5/2017 10:55	309300	12.723	17.704	28.999	3328.943	3867.977	2.064	2.63	300.396	1	14.812
11/5/2017 11:00	309600	12.722	17.704	28.997	3329.391	3868.489	2.064	2.631	300.355	1	14.813
11/5/2017 11:05	309900	12.721	17.704	28.996	3330.054	3869.245	2.065	2.631	300.295	1	14.813
11/5/2017 11:10	310200	12.721	17.704	28.994	3329.527	3868.64	2.064	2.631	300.343	1	14.812
11/5/2017 11:15	310500	12.72	17.703	28.992	3329.082	3868.176	2.064	2.63	300.383	1	14.812
11/5/2017 11:20	310800	12.722	17.704	28.997	3329.031	3868.033	2.064	2.63	300.388	1	14.81
11/5/2017 11:25	311100	12.723	17.704	28.999	3329.144	3868.19	2.064	2.63	300.378	1	14.808
11/5/2017 11:30	311400	12.723	17.704	29	3330.288	3869.494	2.065	2.631	300.274	1	14.805
11/5/2017 11:35	311700	12.725	17.704	29.004	3329.058	3868.072	2.064	2.63	300.385	1	14.804
11/5/2017 11:40	312000	12.725	17.704	29.004	3329.996	3869.191	2.065	2.631	300.301	1	14.803
11/5/2017 11:45	312300	12.727	17.704	29.008	3330.177	3869.411	2.065	2.631	300.284	1	14.802
11/5/2017 11:50	312600	12.726	17.704	29.007	3329.464	3868.536	2.064	2.631	300.349	1	14.802
11/5/2017 11:55	312900	12.725	17.704	29.004	3329.963	3869.162	2.065	2.631	300.304	1	14.804
11/5/2017 12:00	313200	12.724	17.704	29.002	3329.652	3868.792	2.064	2.631	300.332	1	14.803
11/5/2017 12:05	313500	12.724	17.704	29.002	3330.381	3869.618	2.065	2.631	300.266	1	14.801
11/5/2017 12:10	313800	12.724	17.704	29.003	3329.416	3868.549	2.064	2.631	300.353	1	14.8
11/5/2017 12:15	314100	12.725	17.703	29.003	3329.437	3868.618	2.064	2.631	300.351	1	14.799
11/5/2017 12:20	314400	12.724	17.703	29.002	3329.349	3868.486	2.064	2.631	300.359	1	14.797
11/5/2017 12:25	314700	12.725	17.704	29.003	3329.793	3868.973	2.065	2.631	300.319	1	14.796
11/5/2017 12:30	315000	12.724	17.705	29.002	3330.016	3869.148	2.065	2.631	300.299	1	14.794
11/5/2017 12:35	315300	12.725	17.704	29.004	3329.813	3868.958	2.065	2.631	300.317	1	14.794
11/5/2017 12:40	315600	12.725	17.704	29.004	3329.704	3868.852	2.065	2.631	300.327	1	14.793
11/5/2017 12:45	315900	12.725	17.703	29.003	3330.221	3869.513	2.065	2.631	300.28	1	14.793
11/5/2017 12:50	316200	12.727	17.704	29.009	3330.322	3869.594	2.065	2.631	300.271	1	14.79
11/5/2017 12:55	316500	12.72	17.704	29.01	3330.623	3869.924	2.065	2.632	300.241	1	14.788
11/5/2017 13:00	316800	12.731	17.704	29.017	3329.625	3868.783	2.064	2.631	300.334	1	14.786
11/5/2017 13:05	317100	12.73	17.703</								

11/5/2017 23:25	354300	12739	17704	29.036	3333.588	3873.396	2.067	2.634	299.977	1	14.793
11/5/2017 23:30	354600	12738	17704	29.034	3333.234	3872.954	2.067	2.634	300.009	1	14.792
11/5/2017 23:35	354900	12737	17703	29.032	3333.424	3873.227	2.067	2.634	299.992	1	14.791
11/5/2017 23:40	355200	12736	17704	29.028	3333.978	3873.849	2.067	2.634	299.942	1	14.791
11/5/2017 23:45	355500	12735	17704	29.026	3334.111	3873.996	2.067	2.634	299.93	1	14.791
11/5/2017 23:50	355800	12736	17703	29.029	3333.251	3873.012	2.067	2.634	300.007	1	14.791
11/5/2017 23:55	356100	12738	17704	29.034	3333.529	3873.206	2.067	2.634	299.982	1	14.792
11/6/2017 0:00	356400	12741	17704	29.04	3333.222	3872.963	2.067	2.634	300.01	1	14.791
11/6/2017 0:05	356700	12739	17703	29.036	3333.284	3873.072	2.067	2.634	300.004	1	14.793
11/6/2017 0:10	357000	12736	17703	29.03	3333.294	3873.062	2.067	2.634	300.004	1	14.795
11/6/2017 0:15	357300	12734	17704	29.025	3333.323	3873.081	2.067	2.634	300.001	1	14.797
11/6/2017 0:20	357600	12735	17704	29.028	3333.514	3873.279	2.067	2.634	299.984	1	14.795
11/6/2017 0:25	357900	12739	17703	29.039	3333.488	3873.31	2.067	2.634	299.967	1	14.792
11/6/2017 0:30	358200	12741	17703	29.041	3333.404	3873.198	2.067	2.634	299.994	1	14.79
11/6/2017 0:35	358500	12741	17704	29.042	3334.339	3874.246	2.068	2.634	299.91	1	14.79
11/6/2017 0:40	358800	12741	17704	29.04	3333.134	3872.853	2.067	2.634	300.018	1	14.789
11/6/2017 0:45	359100	12743	17704	29.044	3333.093	3872.79	2.067	2.633	300.022	1	14.789
11/6/2017 0:50	359400	12744	17704	29.048	3332.927	3872.591	2.067	2.633	300.037	1	14.788
11/6/2017 0:55	359700	12745	17703	29.049	3333.392	3873.175	2.067	2.634	299.995	1	14.787
11/6/2017 1:00	360000	12745	17703	29.05	3333.042	3872.784	2.067	2.633	300.026	1	14.786
11/6/2017 1:05	360300	12744	17703	29.048	3332.844	3872.547	2.067	2.633	300.044	1	14.789
11/6/2017 1:10	360600	12743	17704	29.046	3332.613	3872.241	2.066	2.633	300.065	1	14.792
11/6/2017 1:15	360900	12741	17704	29.04	3332.846	3872.489	2.067	2.633	300.044	1	14.795
11/6/2017 1:20	361200	12741	17703	29.041	3332.926	3872.642	2.067	2.633	300.037	1	14.795
11/6/2017 1:25	361500	12739	17704	29.036	3332.623	3872.243	2.066	2.633	300.064	1	14.796
11/6/2017 1:30	361800	12737	17703	29.032	3333.319	3873.105	2.067	2.634	300.001	1	14.796
11/6/2017 1:35	362100	12736	17703	29.028	3333.34	3873.115	2.067	2.634	299.999	1	14.796
11/6/2017 1:40	362400	12737	17704	29.032	3333.822	3873.646	2.067	2.634	299.956	1	14.796
11/6/2017 1:45	362700	12736	17703	29.03	3332.778	3872.485	2.067	2.633	300.05	1	14.796
11/6/2017 1:50	363000	12738	17703	29.035	3333.13	3872.871	2.067	2.634	300.018	1	14.795
11/6/2017 1:55	363300	12739	17704	29.037	3333.188	3872.932	2.067	2.634	300.013	1	14.794
11/6/2017 2:00	363600	12741	17703	29.041	3332.761	3872.451	2.067	2.633	300.051	1	14.793
11/6/2017 2:05	363900	12742	17703	29.042	3332.908	3872.628	2.067	2.633	300.038	1	14.792
11/6/2017 2:10	364200	12742	17704	29.044	3332.311	3871.882	2.066	2.633	300.092	1	14.791
11/6/2017 2:15	364500	12743	17704	29.046	3332.964	3872.648	2.067	2.633	300.033	1	14.79
11/6/2017 2:20	364800	12743	17703	29.046	3332.439	3872.069	2.066	2.633	300.081	1	14.79
11/6/2017 2:25	365100	12743	17704	29.046	3332.617	3872.231	2.066	2.633	300.064	1	14.791
11/6/2017 2:30	365400	12747	17704	29.054	3332.729	3872.399	2.067	2.633	300.054	1	14.79
11/6/2017 2:35	365700	12744	17703	29.047	3332.384	3872.004	2.066	2.633	300.085	1	14.789
11/6/2017 2:40	366000	12744	17704	29.047	3331.898	3871.387	2.066	2.633	300.129	1	14.788
11/6/2017 2:45	366300	12746	17704	29.051	3331.844	3871.355	2.066	2.633	300.134	1	14.787
11/6/2017 2:50	366600	12744	17704	29.048	3331.905	3871.432	2.066	2.633	300.129	1	14.789
11/6/2017 2:55	366900	12741	17703	29.041	3332.203	3871.802	2.066	2.632	300.102	1	14.791
11/6/2017 3:00	367200	12739	17703	29.036	3332.951	3872.664	2.067	2.633	300.057	1	14.793
11/6/2017 3:05	367500	12743	17704	29.046	3331.544	3871.022	2.066	2.632	300.161	1	14.791
11/6/2017 3:10	367800	12744	17704	29.047	3331.799	3871.318	2.066	2.632	300.138	1	14.789
11/6/2017 3:15	368100	12748	17704	29.056	3331.435	3870.857	2.066	2.632	300.171	1	14.788
11/6/2017 3:20	368400	12744	17704	29.048	3332.547	3872.187	2.066	2.633	300.071	1	14.79
11/6/2017 3:25	368700	12742	17704	29.044	3331.611	3871.077	2.066	2.632	300.155	1	14.793
11/6/2017 3:30	369000	12.74	17704	29.038	3332.015	3871.554	2.066	2.633	300.119	1	14.795
11/6/2017 3:35	369300	12741	17704	29.041	3331.188	3870.577	2.065	2.632	300.193	1	14.795
11/6/2017 3:40	369600	12741	17704	29.04	3332.014	3871.567	2.066	2.633	300.119	1	14.795
11/6/2017 3:45	369900	12742	17703	29.042	3331.847	3871.389	2.066	2.633	300.134	1	14.795
11/6/2017 3:50	370200	12743	17703	29.045	3331.143	3870.593	2.065	2.632	300.197	1	14.794
11/6/2017 3:55	370500	12744	17704	29.048	3332.501	3872.125	2.066	2.633	300.075	1	14.793
11/6/2017 4:00	370800	12745	17703	29.05	3331.233	3870.667	2.066	2.632	300.189	1	14.791
11/6/2017 4:05	371100	12745	17704	29.05	3332.121	3871.676	2.066	2.633	300.109	1	14.793
11/6/2017 4:10	371400	12744	17704	29.048	3332.098	3871.634	2.066	2.633	300.111	1	14.795
11/6/2017 4:15	371700	12741	17704	29.042	3330.596	3869.904	2.065	2.632	300.247	1	14.796
11/6/2017 4:20	372000	12.74	17703	29.039	3331.507	3870.985	2.066	2.632	300.164	1	14.796
11/6/2017 4:25	372300	12743	17704	29.045	3330.99	3870.378	2.065	2.632	300.211	1	14.796
11/6/2017 4:30	372600	12745	17703	29.05	3331.924	3871.487	2.066	2.633	300.126	1	14.796
11/6/2017 4:35	372900	12743	17704	29.046	3331.764	3871.269	2.066	2.632	300.141	1	14.798
11/6/2017 4:40	373200	12743	17704	29.045	3331.436	3870.881	2.066	2.632	300.171	1	14.8
11/6/2017 4:45	373500	12.74	17704	29.038	3330.771	3870.108	2.065	2.632	300.231	1	14.802
11/6/2017 4:50	373800	12.74	17703	29.038	3331.477	3870.98	2.066	2.632	300.167	1	14.802
11/6/2017 4:55	374100	12739	17704	29.036	3330.329	3869.61	2.065	2.631	300.271	1	14.803
11/6/2017 5:00	374400	12737	17704	29.031	3330.405	3869.683	2.065	2.631	300.264	1	14.804
11/6/2017 5:05	374700	12.74	17704	29.038	3330.698	3869.993	2.065	2.632	300.237	1	14.8
11/6/2017 5:10	375000	12743	17704	29.045	3331.248	3870.662	2.066	2.632	300.188	1	14.797
11/6/2017 5:15	375300	12746	17704	29.051	3330.162	3869.416	2.065	2.631	300.286	1	14.793
11/6/2017 5:20	375600	12746	17704	29.053	3330.075	3869.292	2.065	2.631	300.293	1	14.793
11/6/2017 5:25	375900	12747	17704	29.055	3330.432	3869.721	2.065	2.631	300.261	1	14.794
11/6/2017 5:30	376200	12746	17704	29.052	3330.872	3870.218	2.065	2.632	300.222	1	14.795
11/6/2017 5:35	376500	12746	17703	29.052	3331.219	3870.68	2.066	2.632	300.19	1	14.796
11/6/2017 5:40	376800	12743	17704	29.046	3329.743	3868.913	2.065	2.631	300.323	1	14.796
11/6/2017 5:45	377100	12744	17703	29.047	3330.86	3870.248	2.065	2.632	300.223	1	14.797
11/6/2017 5:50	377400	12744	17703	29.048	3329.76	3868.985	2.065	2.631	300.322	1	14.798
11/6/2017 5:55	377700	12742	17703	29.044	3330.212	3869.489	2.065	2.631	300.281	1	14.799
11/6/2017 6:00	378000	12743	17703	29.045	3329.398	3868.496	2.064	2.631	300.355	1	14.799
11/6/2017 6:05	378300	12744	17704	29.048	3329.333	3868.43	2.064	2.631	300.36	1	14.798
11/6/2017 6:10	378600	12744	17703	29.046	3328.998	3868.085	2.064	2.63	300.391	1	14.797
11/6/2017 6:15	378900	12745	17703	29.05	3325.656	3864.202	2.062	2.628	300.693	1	14.795
11/6/2017 6:20	379200	12746	17704	29.051	3320.272	3857.917	2.058	2.623	301.18	1	14.796
11/6/2017 6:25	379500	12743	17703	29.045	3331.07	3849.571	2.054	2.618	301.835	1	14.797
11/6/2017 6:30	379800	12743	17703	29.043	3304.231	3839.292	2.048	2.611	302.642	1	14.797
11/6/2017 6:35	380100	12745	17704	29.049	3294.708	3828.22	2.042	2.603	303.517	1	14.797
11/6/2017 6:40	380400	12745	17703	29.05	3286.033	3818.148	2.036	2.596	304.318	1	14.796
11/6/2017 6:45	380700	12745	17703	29.05	3275.322						

11/6/2017 17:00	417600	12.714	17.703	28.979	2728.738	3170.634	1.672	2.156	366.47	1	14.775
11/6/2017 17:05	417900	12.709	17.703	28.968	2728.324	3170.177	1.672	2.156	366.525	1	14.774
11/6/2017 17:10	418200	12.71	17.703	28.971	2727.179	3168.804	1.671	2.155	366.679	1	14.773
11/6/2017 17:15	418500	12.71	17.703	28.971	2726.852	3168.435	1.671	2.155	366.723	1	14.771
11/6/2017 17:20	418800	12.712	17.703	28.973	2726.172	3167.67	1.671	2.154	366.815	1	14.771
11/6/2017 17:25	419100	12.712	17.703	28.978	2725.81	3167.262	1.67	2.154	366.863	1	14.771
11/6/2017 17:30	419400	12.713	17.703	28.978	2725.472	3166.857	1.67	2.153	366.909	1	14.771
11/6/2017 17:35	419700	12.714	17.703	28.98	2725.169	3166.498	1.67	2.153	366.95	1	14.771
11/6/2017 17:40	420000	12.714	17.703	28.979	2724.101	3165.239	1.669	2.152	367.094	1	14.77
11/6/2017 17:45	420300	12.715	17.703	28.982	2724.285	3165.465	1.669	2.153	367.069	1	14.77
11/6/2017 17:50	420600	12.711	17.703	28.972	2723.405	3164.467	1.669	2.152	367.187	1	14.772
11/6/2017 17:55	420900	12.708	17.703	28.966	2722.368	3163.238	1.668	2.151	367.327	1	14.775
11/6/2017 18:00	421200	12.707	17.703	28.967	2722.56	3163.51	1.668	2.151	367.299	1	14.777
11/6/2017 18:05	421500	12.707	17.703	28.964	2721.945	3162.765	1.668	2.151	367.384	1	14.778
11/6/2017 18:10	421800	12.707	17.703	28.964	2721.75	3162.52	1.668	2.151	367.411	1	14.778
11/6/2017 18:15	422100	12.704	17.703	28.957	2721.114	3161.75	1.667	2.15	367.497	1	14.778
11/6/2017 18:20	422400	12.706	17.703	28.96	2720.731	3161.312	1.667	2.15	367.548	1	14.778
11/6/2017 18:25	422700	12.706	17.703	28.962	2719.406	3159.797	1.666	2.149	367.727	1	14.778
11/6/2017 18:30	423000	12.708	17.703	28.966	2719.772	3160.209	1.667	2.149	367.678	1	14.779
11/6/2017 18:35	423300	12.707	17.703	28.964	2719.084	3159.422	1.666	2.148	367.771	1	14.777
11/6/2017 18:40	423600	12.707	17.703	28.963	2717.988	3158.125	1.665	2.148	367.919	1	14.777
11/6/2017 18:45	423900	12.708	17.703	28.965	2717.765	3157.871	1.665	2.147	367.949	1	14.778
11/6/2017 18:50	424200	12.705	17.703	28.959	2717.885	3158.029	1.665	2.147	367.933	1	14.78
11/6/2017 18:55	424500	12.709	17.703	28.968	2717.318	3157.37	1.665	2.147	368.01	1	14.782
11/6/2017 19:00	424800	12.704	17.703	28.955	2717.428	3157.505	1.665	2.147	367.995	1	14.784
11/6/2017 19:05	425100	12.703	17.703	28.954	2716.099	3155.948	1.664	2.146	368.175	1	14.784
11/6/2017 19:10	425400	12.705	17.703	28.958	2716.368	3156.26	1.664	2.146	368.139	1	14.784
11/6/2017 19:15	425700	12.703	17.703	28.954	2715.552	3155.331	1.664	2.146	368.249	1	14.784
11/6/2017 19:20	426000	12.701	17.703	28.95	2715.174	3154.861	1.664	2.145	368.3	1	14.785
11/6/2017 19:25	426300	12.7	17.703	28.946	2715.899	3155.727	1.664	2.146	368.202	1	14.786
11/6/2017 19:30	426600	12.699	17.703	28.945	2715.971	3155.805	1.664	2.146	368.192	1	14.787
11/6/2017 19:35	426900	12.699	17.703	28.946	2714.91	3154.566	1.663	2.145	368.336	1	14.786
11/6/2017 19:40	427200	12.701	17.703	28.948	2715.211	3154.916	1.664	2.145	368.295	1	14.785
11/6/2017 19:45	427500	12.701	17.703	28.949	2715.005	3154.688	1.663	2.145	368.323	1	14.785
11/6/2017 19:50	427800	12.701	17.703	28.951	2715.192	3154.888	1.664	2.145	368.298	1	14.784
11/6/2017 19:55	428100	12.701	17.703	28.949	2714.336	3153.9	1.663	2.145	368.414	1	14.783
11/6/2017 20:00	428400	12.702	17.703	28.951	2714.698	3154.351	1.663	2.145	368.365	1	14.785
11/6/2017 20:05	428700	12.703	17.703	28.956	2713.988	3153.476	1.663	2.144	368.462	1	14.78
11/6/2017 20:10	429000	12.707	17.703	28.962	2714.258	3153.796	1.663	2.145	368.425	1	14.778
11/6/2017 20:15	429300	12.708	17.703	28.964	2714.016	3153.521	1.663	2.144	368.458	1	14.776
11/6/2017 20:20	429600	12.705	17.703	28.958	2714.293	3153.885	1.663	2.145	368.42	1	14.777
11/6/2017 20:25	429900	12.704	17.703	28.957	2714.163	3153.68	1.663	2.145	368.438	1	14.779
11/6/2017 20:30	430200	12.702	17.703	28.951	2713.273	3152.67	1.662	2.144	368.559	1	14.78
11/6/2017 20:35	430500	12.701	17.703	28.95	2714.002	3153.523	1.663	2.144	368.46	1	14.782
11/6/2017 20:40	430800	12.698	17.703	28.944	2714.064	3153.577	1.663	2.144	368.451	1	14.784
11/6/2017 20:45	431100	12.696	17.704	28.938	2714.444	3153.982	1.663	2.145	368.4	1	14.786
11/6/2017 20:50	431400	12.698	17.703	28.943	2713.675	3153.131	1.663	2.144	368.504	1	14.784
11/6/2017 20:55	431700	12.701	17.703	28.949	2713.071	3152.442	1.662	2.144	368.586	1	14.782
11/6/2017 21:00	432000	12.704	17.703	28.956	2713.779	3153.215	1.663	2.144	368.49	1	14.779
11/6/2017 21:05	432300	12.703	17.703	28.955	2712.982	3152.308	1.662	2.144	368.598	1	14.781
11/6/2017 21:10	432600	12.7	17.703	28.947	2713.473	3152.896	1.662	2.144	368.531	1	14.783
11/6/2017 21:15	432900	12.699	17.703	28.944	2712.868	3152.206	1.662	2.144	368.614	1	14.785
11/6/2017 21:20	433200	12.698	17.703	28.943	2713.993	3153.494	1.663	2.144	368.461	1	14.787
11/6/2017 21:25	433500	12.697	17.703	28.94	2713.065	3152.447	1.662	2.144	368.587	1	14.789
11/6/2017 21:30	433800	12.696	17.702	28.937	2713.804	3153.097	1.663	2.144	368.514	1	14.79
11/6/2017 21:35	434100	12.695	17.703	28.936	2713.704	3153.17	1.663	2.144	368.5	1	14.79
11/6/2017 21:40	434400	12.695	17.703	28.935	2714.247	3153.783	1.663	2.145	368.426	1	14.79
11/6/2017 21:45	434700	12.697	17.703	28.939	2714.296	3153.847	1.663	2.145	368.42	1	14.79
11/6/2017 21:50	435000	12.698	17.703	28.944	2720.639	3161.241	1.667	2.15	367.561	1	14.791
11/6/2017 21:55	435300	12.698	17.703	28.943	2739.244	3182.854	1.679	2.164	365.064	1	14.791
11/6/2017 22:00	435600	12.698	17.703	28.943	2762.896	3210.341	1.694	2.183	361.939	1	14.792
11/6/2017 22:05	435900	12.698	17.703	28.943	2784.637	3235.372	1.709	2.2	359.115	1	14.793
11/6/2017 22:10	436200	12.699	17.703	28.945	2806.389	3260.872	1.723	2.217	356.33	1	14.793
11/6/2017 22:15	436500	12.698	17.703	28.942	2825.056	3282.562	1.735	2.232	353.975	1	14.794
11/6/2017 22:20	436800	12.699	17.703	28.945	2842.651	3302.994	1.746	2.246	351.784	1	14.793
11/6/2017 22:25	437100	12.699	17.703	28.945	2858.317	3321.203	1.756	2.258	349.856	1	14.792
11/6/2017 22:30	437400	12.7	17.703	28.948	2872.736	3337.944	1.766	2.27	348.1	1	14.791
11/6/2017 22:35	437700	12.699	17.703	28.945	2885.306	3353.046	1.774	2.28	346.532	1	14.792
11/6/2017 22:40	438000	12.7	17.704	28.948	2897.503	3366.689	1.782	2.289	345.125	1	14.791
11/6/2017 22:45	438300	12.7	17.703	28.947	2906.968	3377.699	1.788	2.297	344.001	1	14.792
11/6/2017 22:50	438600	12.699	17.704	28.945	2918.224	3390.766	1.795	2.306	342.674	1	14.793
11/6/2017 22:55	438900	12.7	17.703	28.946	2927.583	3401.693	1.801	2.313	341.579	1	14.795
11/6/2017 23:00	439200	12.696	17.703	28.938	2937.356	3413.009	1.808	2.321	340.442	1	14.796
11/6/2017 23:05	439500	12.698	17.703	28.942	2945.498	3422.449	1.813	2.327	339.501	1	14.795
11/6/2017 23:10	439800	12.699	17.703	28.945	2953.458	3431.738	1.818	2.334	338.586	1	14.793
11/6/2017 23:15	440100	12.703	17.703	28.953	2962.277	3441.985	1.824	2.341	337.578	1	14.791
11/6/2017 23:20	440400	12.703	17.703	28.953	2969.134	3449.946	1.829	2.346	336.799	1	14.791
11/6/2017 23:25	440700	12.702	17.703	28.951	2976.066	3458.027	1.833	2.351	336.014	1	14.791
11/6/2017 23:30	441000	12.704	17.703	28.956	2982.647	3465.634	1.837	2.357	335.273	1	14.79
11/6/2017 23:35	441300	12.703	17.703	28.95	2988.746	3472.274	1.841	2.361	334.588	1	14.792
11/6/2017 23:40	441600	12.699	17.704	28.946	2995.126	3480.127	1.845	2.366	333.876	1	14.794
11/6/2017 23:45	441900	12.698	17.704	28.943	3000.583	3486.467	1.849	2.371	333.269	1	14.795
11/6/2017 23:50	442200	12.7	17.703	28.946	3005.966	3492.77	1.853	2.375	332.672	1	14.795
11/6/2017 23:55	442500	12.7	17.703	28.946	3011.423	3499.097	1.856	2.379	332.069	1	14.794
11/7/2017 0:00	442800	12.701	17.704	28.95	3017.312	3505.906	1.86	2.384	331.421	1	14.793
11/7/2017 0:05	443100	12.702	17.703	28.953	3023.313	3512.859	1.864	2.389	330.763	1	14.792
11/7/2017 0:10	443400	12.704	17.704	28.956	3028.147	3518.475	1.867	2.393	330.235	1	14.791

11/7/2017 10:35	480900	12.7	17.703	28.948	2893.044	3361.58	1.779	2.286	345.657	1	14.785
11/7/2017 10:40	481200	12.702	17.702	28.952	2887.857	3355.566	1.776	2.282	346.278	1	14.784
11/7/2017 10:45	481500	12.702	17.703	28.952	2884.596	3351.769	1.774	2.279	346.669	1	14.782
11/7/2017 10:50	481800	12.703	17.702	28.954	2880.917	3347.501	1.771	2.276	347.112	1	14.782
11/7/2017 10:55	482100	12.701	17.702	28.951	2875.335	3341.022	1.768	2.272	347.786	1	14.782
11/7/2017 11:00	482400	12.7	17.703	28.947	2872.129	3337.232	1.765	2.269	348.174	1	14.782
11/7/2017 11:05	482700	12.699	17.703	28.949	2867.905	3332.386	1.763	2.266	348.685	1	14.783
11/7/2017 11:10	483000	12.697	17.703	28.941	2863.14	3326.838	1.76	2.262	349.267	1	14.783
11/7/2017 11:15	483300	12.695	17.703	28.936	2858.01	3320.866	1.756	2.258	349.894	1	14.784
11/7/2017 11:20	483600	12.701	17.703	28.949	2854.332	3316.579	1.754	2.255	350.345	1	14.779
11/7/2017 11:25	483900	12.705	17.703	28.958	2852.753	3314.764	1.753	2.254	350.539	1	14.774
11/7/2017 11:30	484200	12.71	17.703	28.969	2849.607	3311.095	1.751	2.252	350.926	1	14.769
11/7/2017 11:35	484500	12.704	17.703	28.956	2846.293	3307.239	1.749	2.249	351.334	1	14.772
11/7/2017 11:40	484800	12.701	17.703	28.948	2843.91	3304.489	1.747	2.247	351.629	1	14.774
11/7/2017 11:45	485100	12.696	17.703	28.938	2841.519	3301.716	1.746	2.245	351.924	1	14.777
11/7/2017 11:50	485400	12.696	17.702	28.937	2838.45	3298.157	1.744	2.243	352.305	1	14.778
11/7/2017 11:55	485700	12.694	17.703	28.933	2836.682	3296.064	1.742	2.241	352.525	1	14.779
11/7/2017 12:00	486000	12.691	17.703	28.927	2833.863	3292.814	1.741	2.239	352.875	1	14.78
11/7/2017 12:05	486300	12.694	17.703	28.939	2831.442	3290.001	1.739	2.237	353.172	1	14.776
11/7/2017 12:10	486600	12.696	17.703	28.937	2828.968	3287.101	1.737	2.235	353.486	1	14.772
11/7/2017 12:15	486900	12.699	17.703	28.944	2825.102	3282.621	1.735	2.232	353.97	1	14.769
11/7/2017 12:20	487200	12.696	17.703	28.937	2824.766	3282.212	1.735	2.232	354.012	1	14.77
11/7/2017 12:25	487500	12.692	17.703	28.93	2822.42	3279.518	1.733	2.23	354.306	1	14.772
11/7/2017 12:30	487800	12.69	17.703	28.924	2821.453	3278.376	1.732	2.229	354.427	1	14.773
11/7/2017 12:35	488100	12.691	17.703	28.927	2818.948	3275.452	1.731	2.227	354.742	1	14.772
11/7/2017 12:40	488400	12.691	17.702	28.927	2816.369	3272.499	1.729	2.225	355.067	1	14.772
11/7/2017 12:45	488700	12.69	17.702	28.924	2814.387	3270.203	1.728	2.224	355.317	1	14.771
11/7/2017 12:50	489000	12.69	17.703	28.925	2812.317	3267.76	1.727	2.222	355.579	1	14.769
11/7/2017 12:55	489300	12.691	17.702	28.928	2809.94	3265.036	1.725	2.22	355.879	1	14.768
11/7/2017 13:00	489600	12.693	17.702	28.931	2808.787	3263.689	1.724	2.219	356.026	1	14.766
11/7/2017 13:05	489900	12.696	17.702	28.938	2806.552	3261.106	1.723	2.218	356.309	1	14.765
11/7/2017 13:10	490200	12.695	17.703	28.935	2804.837	3259.062	1.722	2.216	356.527	1	14.763
11/7/2017 13:15	490500	12.695	17.703	28.936	2803.236	3257.215	1.721	2.215	356.731	1	14.762
11/7/2017 13:20	490800	12.695	17.703	28.936	2802.32	3256.163	1.72	2.214	356.847	1	14.763
11/7/2017 13:25	491100	12.695	17.703	28.935	2800.025	3253.483	1.719	2.212	357.14	1	14.764
11/7/2017 13:30	491400	12.693	17.703	28.931	2798.847	3252.102	1.718	2.211	357.29	1	14.764
11/7/2017 13:35	491700	12.694	17.703	28.934	2797.547	3250.604	1.717	2.21	357.456	1	14.764
11/7/2017 13:40	492000	12.693	17.703	28.932	2796.153	3248.997	1.716	2.209	357.634	1	14.763
11/7/2017 13:45	492300	12.695	17.703	28.936	2794.617	3247.207	1.715	2.208	357.831	1	14.763
11/7/2017 13:50	492600	12.694	17.703	28.933	2794.586	3247.157	1.715	2.208	357.835	1	14.763
11/7/2017 13:55	492900	12.692	17.703	28.928	2793.039	3245.341	1.714	2.207	358.033	1	14.764
11/7/2017 14:00	493200	12.693	17.702	28.931	2791.297	3243.367	1.713	2.205	358.256	1	14.764
11/7/2017 14:05	493500	12.693	17.702	28.931	2790.357	3242.231	1.712	2.205	358.377	1	14.763
11/7/2017 14:10	493800	12.693	17.703	28.931	2788.582	3240.193	1.711	2.203	358.605	1	14.761
11/7/2017 14:15	494100	12.695	17.703	28.936	2787.952	3239.473	1.711	2.203	358.686	1	14.76
11/7/2017 14:20	494400	12.693	17.702	28.932	2786.653	3237.977	1.71	2.202	358.853	1	14.761
11/7/2017 14:25	494700	12.691	17.703	28.926	2785.174	3236.24	1.709	2.201	359.044	1	14.763
11/7/2017 14:30	495000	12.689	17.702	28.922	2784.874	3235.904	1.709	2.2	359.083	1	14.764
11/7/2017 14:35	495300	12.688	17.703	28.927	2783.441	3234.196	1.708	2.199	359.267	1	14.765
11/7/2017 14:40	495600	12.687	17.703	28.918	2782.716	3233.358	1.707	2.199	359.361	1	14.765
11/7/2017 14:45	495900	12.686	17.703	28.915	2781.056	3231.437	1.706	2.197	359.576	1	14.766
11/7/2017 14:50	496200	12.689	17.703	28.921	2780.843	3231.201	1.706	2.197	359.603	1	14.763
11/7/2017 14:55	496500	12.688	17.703	28.919	2779.111	3229.176	1.705	2.196	359.827	1	14.76
11/7/2017 15:00	496800	12.691	17.702	28.927	2778.801	3228.847	1.705	2.196	359.867	1	14.758
11/7/2017 15:05	497100	12.693	17.703	28.931	2777.644	3227.453	1.704	2.195	360.017	1	14.757
11/7/2017 15:10	497400	12.692	17.703	28.929	2776.065	3225.649	1.703	2.193	360.222	1	14.756
11/7/2017 15:15	497700	12.693	17.702	28.93	2775.099	3224.546	1.702	2.193	360.348	1	14.756
11/7/2017 15:20	498000	12.692	17.703	28.93	2775.04	3224.427	1.702	2.193	360.355	1	14.756
11/7/2017 15:25	498300	12.691	17.703	28.927	2773.715	3222.919	1.702	2.192	360.527	1	14.756
11/7/2017 15:30	498600	12.691	17.703	28.927	2772.072	3220.985	1.7	2.19	360.741	1	14.756
11/7/2017 15:35	498900	12.692	17.703	28.928	2772.172	3221.138	1.701	2.19	360.728	1	14.756
11/7/2017 15:40	499200	12.69	17.703	28.925	2770.392	3219.063	1.699	2.189	360.96	1	14.756
11/7/2017 15:45	499500	12.689	17.703	28.922	2769.176	3217.633	1.699	2.188	361.118	1	14.754
11/7/2017 15:50	499800	12.692	17.702	28.928	2768.335	3216.687	1.698	2.187	361.228	1	14.753
11/7/2017 15:55	500100	12.692	17.703	28.929	2767.454	3215.65	1.697	2.187	361.343	1	14.752
11/7/2017 16:00	500400	12.692	17.702	28.929	2765.849	3213.798	1.696	2.185	361.553	1	14.751
11/7/2017 16:05	500700	12.689	17.703	28.922	2764.719	3212.454	1.696	2.184	361.7	1	14.753
11/7/2017 16:10	501000	12.688	17.703	28.919	2763.976	3211.627	1.695	2.184	361.798	1	14.753
11/7/2017 16:15	501300	12.685	17.702	28.914	2763.632	3211.221	1.695	2.184	361.843	1	14.758
11/7/2017 16:20	501600	12.688	17.703	28.919	2762.116	3209.442	1.694	2.182	362.041	1	14.756
11/7/2017 16:25	501900	12.687	17.703	28.918	2761.187	3208.355	1.693	2.182	362.163	1	14.755
11/7/2017 16:30	502200	12.688	17.703	28.92	2760.997	3208.153	1.693	2.182	362.188	1	14.754
11/7/2017 16:35	502500	12.689	17.703	28.923	2759.977	3206.925	1.693	2.181	362.322	1	14.754
11/7/2017 16:40	502800	12.688	17.702	28.92	2758.725	3205.519	1.692	2.18	362.486	1	14.754
11/7/2017 16:45	503100	12.689	17.703	28.923	2758.815	3205.594	1.692	2.18	362.474	1	14.754
11/7/2017 16:50	503400	12.689	17.703	28.923	2758.092	3204.759	1.691	2.179	362.57	1	14.753
11/7/2017 16:55	503700	12.69	17.703	28.923	2757.564	3204.159	1.691	2.179	362.639	1	14.753
11/7/2017 17:00	504000	12.689	17.703	28.923	2756.828	3203.297	1.691	2.178	362.736	1	14.752
11/7/2017 17:05	504300	12.689	17.703	28.922	2755.069	3201.234	1.689	2.177	362.967	1	14.751
11/7/2017 17:10	504600	12.69	17.702	28.925	2755.521	3201.803	1.69	2.177	362.975	1	14.75
11/7/2017 17:15	504900	12.69	17.703	28.926	2754.648	3200.776	1.689	2.177	363.023	1	14.749
11/7/2017 17:20	505200	12.688	17.702	28.919	2753.346	3199.283	1.688	2.176	363.194	1	14.752
11/7/2017 17:25	505500	12.684	17.702	28.911	2753.597	3199.561	1.688	2.176	363.161	1	14.756
11/7/2017 17:30	505800	12.681	17.702	28.903	2752.275	3198.031	1.688	2.175	363.336	1	14.759
11/7/2017 17:35	506100	12.681	17.703	28.903	2752.3	3198.042	1.688	2.175	363.333	1	14.758
11/7/2017 17:40	506400	12.683	17.702	28.909	2751.694	3197.35	1.687	2.174	363.413	1	14.757
11/7/2017 17:45	506700	12.685	17.702	28.912	2750.885	3196.428	1.687	2.174	363.5		

11/8/2017 4:10	544200	12.688	17.703	28.921	3168.682	3681.864	1.959	2.504	315.589	1	14.731
11/8/2017 4:15	544500	12.688	17.703	28.919	3170.728	3684.171	1.96	2.505	315.585	1	14.733
11/8/2017 4:20	544800	12.688	17.703	28.919	3171.521	3685.128	1.961	2.506	315.306	1	14.734
11/8/2017 4:25	545100	12.687	17.703	28.917	3173.58	3687.535	1.962	2.508	315.102	1	14.735
11/8/2017 4:30	545400	12.686	17.703	28.913	3174.894	3689.026	1.963	2.509	314.971	1	14.736
11/8/2017 4:35	545700	12.688	17.703	28.92	3177.45	3692.025	1.965	2.511	314.718	1	14.735
11/8/2017 4:40	546000	12.692	17.703	28.92	3178.042	3692.74	1.965	2.511	314.659	1	14.735
11/8/2017 4:45	546300	12.694	17.704	28.935	3179.959	3694.891	1.966	2.513	314.469	1	14.732
11/8/2017 4:50	546600	12.692	17.703	28.93	3182.064	3697.342	1.968	2.514	314.261	1	14.734
11/8/2017 4:55	546900	12.692	17.703	28.929	3183.124	3698.639	1.968	2.515	314.157	1	14.735
11/8/2017 5:00	547200	12.69	17.703	28.925	3184.973	3700.737	1.97	2.517	313.974	1	14.736
11/8/2017 5:05	547500	12.691	17.702	28.927	3185.485	3701.308	1.97	2.517	313.931	1	14.736
11/8/2017 5:10	547800	12.691	17.703	28.927	3187.301	3703.471	1.971	2.518	313.91	1	14.737
11/8/2017 5:15	548100	12.691	17.703	28.926	3189.146	3705.615	1.972	2.52	313.564	1	14.737
11/8/2017 5:20	548400	12.693	17.703	28.932	3190.471	3707.133	1.973	2.521	313.433	1	14.737
11/8/2017 5:25	548700	12.693	17.703	28.932	3191.729	3708.581	1.974	2.522	313.31	1	14.737
11/8/2017 5:30	549000	12.696	17.703	28.939	3192.582	3709.586	1.975	2.523	313.226	1	14.738
11/8/2017 5:35	549300	12.696	17.703	28.938	3194.56	3711.87	1.976	2.524	313.032	1	14.739
11/8/2017 5:40	549600	12.696	17.703	28.937	3196.309	3713.93	1.977	2.525	312.861	1	14.74
11/8/2017 5:45	549900	12.694	17.703	28.934	3196.281	3713.869	1.977	2.525	312.864	1	14.741
11/8/2017 5:50	550200	12.693	17.702	28.93	3196.031	3713.651	1.977	2.525	312.888	1	14.743
11/8/2017 5:55	550500	12.692	17.703	28.928	3193.235	3710.387	1.975	2.523	313.162	1	14.745
11/8/2017 6:00	550800	12.69	17.703	28.924	3188.993	3705.465	1.972	2.52	313.579	1	14.746
11/8/2017 6:05	551100	12.688	17.703	28.919	3181.805	3697.057	1.967	2.514	314.287	1	14.748
11/8/2017 6:10	551400	12.688	17.703	28.92	3174.278	3688.354	1.963	2.508	315.032	1	14.749
11/8/2017 6:15	551700	12.688	17.703	28.92	3167.32	3680.254	1.958	2.503	315.724	1	14.75
11/8/2017 6:20	552000	12.689	17.703	28.923	3161.22	3673.188	1.954	2.498	316.334	1	14.749
11/8/2017 6:25	552300	12.691	17.703	28.927	3154.136	3664.942	1.949	2.492	317.044	1	14.748
11/8/2017 6:30	552600	12.694	17.703	28.932	3147.785	3657.556	1.945	2.487	317.684	1	14.747
11/8/2017 6:35	552900	12.694	17.703	28.933	3141.2	3649.918	1.941	2.482	318.35	1	14.747
11/8/2017 6:40	553200	12.695	17.703	28.935	3134.925	3642.619	1.937	2.477	318.987	1	14.747
11/8/2017 6:45	553500	12.696	17.702	28.938	3129.197	3636.007	1.933	2.472	319.571	1	14.747
11/8/2017 6:50	553800	12.694	17.703	28.934	3123.118	3628.901	1.929	2.468	320.193	1	14.75
11/8/2017 6:55	554100	12.693	17.702	28.931	3117.29	3622.157	1.925	2.463	320.791	1	14.752
11/8/2017 7:00	554400	12.691	17.702	28.927	3112.7	3616.838	1.922	2.459	321.264	1	14.755
11/8/2017 7:05	554700	12.692	17.703	28.929	3106.294	3609.373	1.918	2.454	321.927	1	14.755
11/8/2017 7:10	555000	12.689	17.703	28.923	3101.58	3603.893	1.915	2.451	322.416	1	14.756
11/8/2017 7:15	555300	12.689	17.703	28.921	3095.512	3596.838	1.911	2.446	323.048	1	14.757
11/8/2017 7:20	555600	12.689	17.703	28.923	3090.586	3591.072	1.908	2.442	323.563	1	14.756
11/8/2017 7:25	555900	12.691	17.702	28.928	3085.227	3584.907	1.904	2.438	324.125	1	14.755
11/8/2017 7:30	556200	12.693	17.703	28.931	3080.724	3579.635	1.901	2.434	324.599	1	14.755
11/8/2017 7:35	556500	12.692	17.703	28.929	3075.367	3573.388	1.898	2.43	325.164	1	14.756
11/8/2017 7:40	556800	12.694	17.702	28.934	3070.062	3567.283	1.894	2.426	325.726	1	14.756
11/8/2017 7:45	557100	12.693	17.703	28.93	3065.631	3562.118	1.892	2.422	326.197	1	14.757
11/8/2017 7:50	557400	12.693	17.702	28.931	3059.57	3555.109	1.888	2.417	326.843	1	14.758
11/8/2017 7:55	557700	12.692	17.703	28.929	3054.358	3549.025	1.884	2.413	327.401	1	14.758
11/8/2017 8:00	558000	12.694	17.703	28.933	3049.279	3543.117	1.881	2.409	327.946	1	14.758
11/8/2017 8:05	558300	12.692	17.702	28.929	3045.236	3538.433	1.878	2.406	328.382	1	14.759
11/8/2017 8:10	558600	12.692	17.702	28.928	3040.925	3533.226	1.875	2.402	328.856	1	14.76
11/8/2017 8:15	558900	12.69	17.703	28.925	3034.188	3525.555	1.871	2.397	329.577	1	14.761
11/8/2017 8:20	559200	12.69	17.703	28.923	3029.794	3520.482	1.868	2.394	330.055	1	14.761
11/8/2017 8:25	559500	12.691	17.702	28.926	3025.558	3515.574	1.865	2.391	330.518	1	14.761
11/8/2017 8:30	559800	12.689	17.702	28.921	3020.346	3509.533	1.862	2.386	331.088	1	14.762
11/8/2017 8:35	560100	12.686	17.702	28.916	3014.351	3502.546	1.858	2.382	331.746	1	14.764
11/8/2017 8:40	560400	12.685	17.702	28.912	3007.414	3494.512	1.854	2.376	332.512	1	14.766
11/8/2017 8:45	560700	12.683	17.702	28.909	3000.325	3486.52	1.849	2.371	333.274	1	14.768
11/8/2017 8:50	561000	12.685	17.703	28.913	2993.276	3478.038	1.844	2.365	334.082	1	14.765
11/8/2017 8:55	561300	12.687	17.702	28.917	2987.992	3471.924	1.841	2.361	334.673	1	14.763
11/8/2017 9:00	561600	12.688	17.702	28.919	2983.901	3467.171	1.838	2.358	335.132	1	14.76
11/8/2017 9:05	561900	12.688	17.702	28.919	2980.563	3463.292	1.836	2.355	335.507	1	14.759
11/8/2017 9:10	562200	12.69	17.702	28.925	2977.551	3459.82	1.834	2.353	335.846	1	14.758
11/8/2017 9:15	562500	12.69	17.702	28.923	2973.932	3455.609	1.832	2.35	336.255	1	14.755
11/8/2017 9:20	562800	12.687	17.703	28.919	2970.344	3451.385	1.829	2.347	336.661	1	14.758
11/8/2017 9:25	563100	12.686	17.702	28.916	2965.846	3446.205	1.826	2.343	337.172	1	14.759
11/8/2017 9:30	563400	12.685	17.703	28.912	2962.458	3442.229	1.824	2.341	337.558	1	14.76
11/8/2017 9:35	563700	12.684	17.702	28.91	2959.348	3438.642	1.822	2.338	337.912	1	14.759
11/8/2017 9:40	564000	12.686	17.703	28.916	2956.719	3435.567	1.82	2.336	338.213	1	14.757
11/8/2017 9:45	564300	12.687	17.702	28.918	2952.07	3430.199	1.817	2.333	338.745	1	14.756
11/8/2017 9:50	564600	12.686	17.702	28.916	2949.254	3426.96	1.816	2.33	339.069	1	14.755
11/8/2017 9:55	564900	12.686	17.702	28.916	2946.088	3423.274	1.814	2.328	339.433	1	14.755
11/8/2017 10:00	565200	12.687	17.702	28.918	2942.587	3419.174	1.811	2.325	339.837	1	14.755
11/8/2017 10:05	565500	12.687	17.702	28.917	2938.572	3414.541	1.809	2.322	340.301	1	14.755
11/8/2017 10:10	565800	12.687	17.703	28.918	2935.804	3411.271	1.807	2.32	340.622	1	14.755
11/8/2017 10:15	566100	12.685	17.703	28.914	2933.579	3408.657	1.805	2.318	340.88	1	14.758
11/8/2017 10:20	566400	12.687	17.702	28.917	2929.37	3403.822	1.803	2.315	341.37	1	14.755
11/8/2017 10:25	566700	12.687	17.703	28.918	2926.191	3400.101	1.801	2.312	341.741	1	14.754
11/8/2017 10:30	567000	12.686	17.703	28.915	2923.915	3397.456	1.799	2.31	342.007	1	14.754
11/8/2017 10:35	567300	12.684	17.703	28.91	2920.113	3393.012	1.797	2.307	342.453	1	14.755
11/8/2017 10:40	567600	12.682	17.702	28.906	2915.531	3387.728	1.794	2.304	342.991	1	14.757
11/8/2017 10:45	567900	12.678	17.703	28.897	2911.133	3386.09	1.793	2.303	343.155	1	14.758
11/8/2017 10:50	568200	12.679	17.703	28.9	2911.589	3383.108	1.791	2.301	343.455	1	14.757
11/8/2017 10:55	568500	12.679	17.702	28.9	2909.203	3380.401	1.79	2.299	343.737	1	14.757
11/8/2017 11:00	568800	12.679	17.702	28.898	2906.06	3376.729	1.788	2.296	344.109	1	14.756
11/8/2017 11:05	569100	12.682	17.702	28.905	2902.595	3372.71	1.785	2.293	344.519	1	14.752
11/8/2017 11:10	569400	12.684	17.702	28.91	2901.013	3370.858	1.784	2.292	344.707	1	14.747
11/8/2017 11:15	569700	12.686	17.702	28.908	2898.811	3368.215	1.783	2.29	344.969	1	14.743
11/8/2017 11:20	570000	12.687	17.703	28.916	2895.221	3364.07	1.78	2.288	345.397	1	14.742
11/8/2017 11:25	570300	12.685	17.703								

11/8/2017 21:45	607500	12.666	17.702	28.869	2767.793	3216.056	1.698	2.187	361.299	1	14.705
11/8/2017 21:50	607800	12.666	17.702	28.869	2767.369	3215.607	1.697	2.187	361.354	1	14.705
11/8/2017 21:55	608100	12.667	17.702	28.872	2767.169	3215.363	1.697	2.186	361.38	1	14.704
11/8/2017 22:00	608400	12.667	17.702	28.872	2767.146	3215.317	1.697	2.186	361.383	1	14.703
11/8/2017 22:05	608700	12.668	17.702	28.873	2767.156	3215.329	1.697	2.186	361.382	1	14.702
11/8/2017 22:10	609000	12.669	17.702	28.877	2767.669	3215.974	1.698	2.187	361.315	1	14.701
11/8/2017 22:15	609300	12.671	17.702	28.882	2769.055	3217.536	1.699	2.188	361.134	1	14.7
11/8/2017 22:20	609600	12.667	17.702	28.873	2778.249	3228.224	1.704	2.195	359.939	1	14.704
11/8/2017 22:25	609900	12.663	17.702	28.863	2796.889	3249.897	1.717	2.21	357.54	1	14.708
11/8/2017 22:30	610200	12.661	17.702	28.858	2817.754	3274.141	1.73	2.226	354.893	1	14.712
11/8/2017 22:35	610500	12.665	17.702	28.867	2837.138	3296.651	1.743	2.242	352.468	1	14.709
11/8/2017 22:40	610800	12.668	17.703	28.874	2855.034	3317.42	1.754	2.256	350.259	1	14.707
11/8/2017 22:45	611100	12.669	17.703	28.876	2871.114	3336.104	1.765	2.269	348.297	1	14.704
11/8/2017 22:50	611400	12.666	17.703	28.87	2884.871	3352.07	1.774	2.279	346.636	1	14.707
11/8/2017 22:55	611700	12.664	17.702	28.864	2899.865	3369.519	1.783	2.291	344.844	1	14.71
11/8/2017 23:00	612000	12.661	17.702	28.859	2912.492	3384.23	1.792	2.301	343.349	1	14.713
11/8/2017 23:05	612300	12.664	17.703	28.865	2923.263	3396.699	1.799	2.31	342.083	1	14.71
11/8/2017 23:10	612600	12.666	17.702	28.869	2935.072	3410.447	1.806	2.319	340.707	1	14.708
11/8/2017 23:15	612900	12.668	17.702	28.873	2945.789	3422.88	1.813	2.328	339.468	1	14.705
11/8/2017 23:20	613200	12.668	17.703	28.875	2955.61	3434.265	1.82	2.335	338.34	1	14.704
11/8/2017 23:25	613500	12.667	17.703	28.872	2964.484	3444.59	1.826	2.342	337.327	1	14.703
11/8/2017 23:30	613800	12.668	17.703	28.873	2973.039	3454.51	1.831	2.349	336.356	1	14.701
11/8/2017 23:35	614100	12.671	17.703	28.882	2981.225	3464.048	1.836	2.356	335.433	1	14.701
11/8/2017 23:40	614400	12.671	17.702	28.88	2990.127	3474.406	1.842	2.363	334.434	1	14.701
11/8/2017 23:45	614700	12.674	17.703	28.888	2998.18	3483.737	1.848	2.369	333.536	1	14.7
11/8/2017 23:50	615000	12.671	17.703	28.88	3005.768	3492.56	1.852	2.375	332.694	1	14.704
11/8/2017 23:55	615300	12.668	17.702	28.873	3013.708	3501.813	1.858	2.381	331.817	1	14.708

Report Date: 11/10/2017 8:41
Report User Name: WMassoll
Report Computer Name: WKST52
Application: WinSitu.exe
Application Version: 5.6.27.1

Log File Properties
File Name MPWSP MW-5D Pre Test_2017-11-09_10-59-52-150-BaroMerge.wsl
Create Date 11/10/2017 8:36

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 Log Download - 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: WMassoll 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
11/10/2017 8:36 User Note: "Pressure & Level adjusted by baro data from: "MPWSP Barotroll_2017-11-09_18-08-51-172.wsl""

Log Data:
Record Count 729
Sensors 2
1 398697 PCTD 300 PSIA (200.7m/658.7ft)
2 0 Baro-Adjustment Calc

Time Zone: Pacific Daylight Time/Pacific Standard Time

		Sensor: PCTD(A) 658.7ft SNR: 398697	Sensor: PCTD(A) 658.7ft SNR: 398697	Sensor: PCTD(A) 658.7ft SNR: 398697	Sensor: PCTD(A) 658.7ft SNR: 398697	Sensor: PCTD(A) 658.7ft SNR: 398697	Sensor: PCTD(A) 658.7ft SNR: 398697	Sensor: PCTD(A) 658.7ft SNR: 398697	Sensor: PCTD(A) 658.7ft SNR: 398697	Sensor: PCTD(A) 658.7ft SNR: 398697	Sensor: PCTD(A) 658.7ft SNR: 398697	Sensor: Baro-Adj Calc SNR: 000000
Date and Time	Elapsed Time Seconds	Corrected Pressure (PSI)	Temperature (C)	Corrected Depth (ft)	Actual Conductivity (µS/cm)	Specific Conductivity (µS/cm)	Salinity (PSU)	Total Dissolved Solids (ppt)	Resistivity (ohm-cm)	Water Density (g/cm3)	Barometric Pressure (PSI)	
11/2/2017 0:00	7200	144.73	21.325	329.884	5500.042	5915.209	3.251	4.022	181.817	1	14.716	
11/2/2017 0:15	8100	144.74	21.317	329.906	5499.905	5916.075	3.251	4.023	181.821	1	14.716	
11/2/2017 0:30	9000	144.728	21.317	329.88	5499.598	5915.754	3.251	4.023	181.831	1	14.726	
11/2/2017 0:45	9900	144.737	21.324	329.901	5500.606	5915.998	3.251	4.023	181.798	1	14.712	
11/2/2017 1:00	10800	144.732	21.315	329.889	5500.472	5916.961	3.252	4.024	181.803	1	14.719	
11/2/2017 1:15	11700	144.731	21.328	329.886	5502.566	5917.572	3.252	4.024	181.733	1	14.719	
11/2/2017 1:30	12600	144.727	21.331	329.878	5501.761	5916.323	3.252	4.023	181.76	1	14.724	
11/2/2017 1:45	13500	144.739	21.332	329.904	5501.534	5916.026	3.251	4.023	181.767	1	14.715	
11/2/2017 2:00	14400	144.726	21.334	329.876	5504.138	5918.507	3.253	4.025	181.681	1	14.722	
11/2/2017 2:15	15300	144.697	21.332	329.81	5502.669	5917.183	3.252	4.024	181.73	1	14.72	
11/2/2017 2:30	16200	144.702	21.324	329.821	5501.663	5917.091	3.252	4.024	181.763	1	14.716	
11/2/2017 2:45	17100	144.738	21.33	329.902	5504.156	5919.123	3.253	4.025	181.681	1	14.718	
11/2/2017 3:00	18000	144.728	21.334	329.88	5503.313	5917.705	3.252	4.025	181.709	1	14.723	
11/2/2017 3:15	18900	144.703	21.329	329.822	5502.977	5917.908	3.252	4.024	181.72	1	14.722	
11/2/2017 3:30	19800	144.737	21.327	329.9	5503.027	5918.165	3.253	4.024	181.718	1	14.724	
11/2/2017 3:45	20700	144.736	21.329	329.898	5503.474	5918.463	3.253	4.025	181.703	1	14.721	
11/2/2017 4:00	21600	144.708	21.325	329.835	5501.485	5916.815	3.252	4.023	181.769	1	14.719	
11/2/2017 4:15	22500	144.74	21.327	329.906	5503.238	5918.406	3.253	4.025	181.711	1	14.718	
11/2/2017 4:30	23400	144.758	21.328	329.948	5503.343	5918.386	3.253	4.025	181.708	1	14.711	
11/2/2017 4:45	24300	144.738	21.325	329.903	5503.027	5918.517	3.253	4.025	181.718	1	14.722	
11/2/2017 5:00	25200	144.748	21.324	329.926	5502.435	5917.963	3.252	4.024	181.738	1	14.714	
11/2/2017 5:15	26100	144.744	21.321	329.916	5502.519	5918.449	3.253	4.025	181.735	1	14.72	
11/2/2017 5:30	27000	144.706	21.332	329.831	5504.913	5919.575	3.253	4.025	181.656	1	14.722	
11/2/2017 5:45	27900	144.746	21.329	329.922	5503.659	5918.692	3.253	4.025	181.698	1	14.721	
11/2/2017 6:00	28800	144.752	21.319	329.933	5502.705	5918.831	3.253	4.025	181.729	1	14.717	
11/2/2017 6:15	29700	144.71	21.318	329.838	5504.12	5920.512	3.254	4.026	181.682	1	14.723	
11/2/2017 6:30	30600	144.737	21.315	329.9	5501.502	5918.017	3.252	4.024	181.769	1	14.72	
11/2/2017 6:45	31500	144.743	21.32	329.913	5502.693	5918.711	3.253	4.025	181.729	1	14.725	
11/2/2017 7:00	32400	144.746	21.313	329.921	5503.557	5920.536	3.254	4.026	181.701	1	14.725	
11/2/2017 7:15	33300	144.746	21.316	329.92	5501.392	5917.822	3.252	4.024	181.772	1	14.729	
11/2/2017 7:30	34200	144.736	21.329	329.897	5505.019	5920.083	3.254	4.026	181.652	1	14.731	
11/2/2017 7:45	35100	144.705	21.329	329.828	5503.029	5918.006	3.253	4.024	181.718	1	14.729	
11/2/2017 8:00	36000	144.705	21.325	329.827	5504.603	5920.126	3.254	4.026	181.666	1	14.737	
11/2/2017 8:15	36900	144.785	21.33	330.009	5505.985	5921.09	3.254	4.026	181.621	1	14.736	
11/2/2017 8:30	37800	144.745	21.331	329.919	5507.466	5922.533	3.255	4.027	181.572	1	14.74	
11/2/2017 8:45	38700	144.706	21.322	329.876	5505.914	5922.161	3.255	4.027	181.614	1	14.742	
11/2/2017 9:00	39600	144.747	21.317	329.923	5503.624	5920.063	3.254	4.026	181.698	1	14.749	
11/2/2017 9:15	40500	144.713	21.322	329.845	5506.063	5922.069	3.255	4.027	181.618	1	14.748	
11/2/2017 9:30	41400	144.708	21.325	329.835	5505.333	5920.9	3.254	4.026	181.642	1	14.748	
11/2/2017 9:45	42300	144.74	21.327	329.906	5506.825	5922.26	3.255	4.027	181.593	1	14.75	
11/2/2017 10:00	43200	144.742	21.327	329.912	5506.802	5922.267	3.255	4.027	181.594	1	14.758	
11/2/2017 10:15	44100	144.752	21.323	329.951	5506.198	5922.161	3.255	4.027	181.623	1	14.755	
11/2/2017 10:30	45000	144.742	21.324	329.913	5505.863	5921.641	3.255	4.027	181.625	1	14.757	
11/2/2017 10:45	45900	144.758	21.317	329.947	5505.829	5922.489	3.255	4.027	181.626	1	14.747	
11/2/2017 11:00	46800	144.723	21.31	329.868	5505.23	5922.698	3.255	4.027	181.645	1	14.747	
11/2/2017 11:15	47700	144.768	21.313	329.971	5507.216	5924.396	3.256	4.029	181.58	1	14.741	
11/2/2017 11:30	48600	144.724	21.321	329.871	5504.716	5920.801	3.254	4.026	181.662	1	14.743	
11/2/2017 11:45	49500	144.758	21.321	329.971	5505.914	5922.08	3.255	4.027	181.623	1	14.745	
11/2/2017 12:00	50400	144.728	21.316	329.88	5505.452	5922.136	3.255	4.027	181.638	1	14.748	
11/2/2017 12:15	51300	144.731	21.313	329.886	5505.593	5922.684	3.255	4.027	181.633	1	14.745	
11/2/2017 12:30	52200	144.731	21.318	329.887	5506.574	5923.109	3.255	4.028	181.601	1	14.745	
11/2/2017 12:45	53100	144.776	21.314	329.988	5504.973	5921.888	3.255	4.027	181.654	1	14.743	
11/2/2017 13:00	54000	144.769	21.314	329.973	5505.959	5922.896	3.255	4.028	181.621	1	14.744	
11/2/2017 13:15	54900	144.736	21.313	329.898	5505.496	5922.621	3.255	4.027	181.637	1	14.745	
11/2/2017 13:30	55800	144.781	21.312	330	5503.921	5920.98	3.254	4.026	181.689	1	14.741	
11/2/2017 13:45	56700	144.744	21.312	329.917	5506.826	5924.169	3.256	4.028	181.593	1	14.739	
11/2/2017 14:00	57600	144.792	21.308	330.025	5504.086	5921.627	3.255	4.027	181.683	1	14.738	
11/2/2017 14:15	58500	144.786	21.315	330.012	5507.237	5924.185	3.256	4.028	181.579	1	14.734	
11/2/2017 14:30	59400	144.741	21.312	329.909	5507.274	5924.556	3.256	4.029	181.578	1	14.738	
11/2/2017 14:45	60300	144.786	21.314	330.013	5506.646	5923.645	3.256	4.028	181.599	1	14.731	
11/2/2017 15:00	61200	144.785	21.312	330.009	5508.02	5925.464	3.257	4.029	181.553	1	14.734	
11/2/2017 15:15	62100	144.744	21.313	329.915	5506.218	5923.29	3.256	4.028	181.613	1	14.733	
11/2/2017 15:30	63000	144.777	21.313	329.992	5506.762	5923.875	3.256	4.028	181.595	1	14.738	
11/2/2017 15:45	63900	144.812	21.318	330.071	5506.499	5923.082	3.255	4.028	181.604	1	14.735	
11/2/2017 16:00	64800	144.749	21.319	329.929	5507.764	5924.292	3.256	4.029	181.562	1	14.729	
11/2/2017 16:15	65700	144.749	21.32	330.027	5507.442	5923.799	3.256	4.028	181.572	1	14.735	
11/2/2017 16:30	66600	144.783	21.316	330.006	5507.022	5923.836	3.256	4.028	181.586	1	14.737	
11/2/2017 16:45	67500	144.776	21.32	329.989	5508.391	5924.808	3.256	4.029	181.541	1	14.735	
11/2/2017 17:00	68400	144.769	21.321	329.974	5508.682	5925.045	3.257	4.029	181.532	1	14.742	
11/2/2017 17:15	69300	144.763	21.324	329.959	5508.95	5924.992	3.257	4.029	181.523	1	14.737	
11/2/2017 17:30	70200	144.765	21.325	329.965	5508.853	5924.782	3.256	4.029	181.526	1	14.735	
11/2/2017 17:45	71100	144.763	21.324	329.961	5511.596	5926.547	3.258	4.03	181.436	1	14.732	
11/2/2017 18:00	72000	144.757	21.333	329.946	5510.968	5926.075	3.257	4.03	181.456	1	14.741	
11/2/2017 18:15	72900	144.762	21.329	329.958	5510.354	5925.872	3.257	4.03	181.477	1	14.73	
11/2/2017 18:30	73800	144.762	21.32	329.957	5510.083	5926.65	3.258	4.03	181.485	1	14.734	
11/2/2017 18:45	74700	144.753	21.328	329.936	5510.883	5926.496	3.257	4.03	181.459	1	14.738	
11/2/2017 19:00	75600	144.709	21.328	329.837	5510.432	5926.022	3.257	4.03	181.474	1	14.738	
11/2/2017 19:15	76500	144.757	21.325	329.945	5510.086	5925.99	3.257	4.03	181.485	1	14.745	
11/2/2017 19:30	77400	144.752	21.325	329.936	5511.055	5927.129	3.258	4.03	181.453	1	14.74	
11/2/2017 19:45	78300	144.755	21.326	329.942	5509.496	5925.334	3.257	4.029	181.505	1	14.738	
11/2/2017 20:00	79200	144.744	21.33	329.915	5511.827	5927.255	3.258	4.031	181.428	1	14.744	
11/2/2017												

11/2/2017 21:45	85500	144.732	21.33	329.889	5512.831	5928.356	3.259	4.031	181.395	1	14.744
11/2/2017 22:00	86400	144.735	21.323	329.895	5510.551	5926.769	3.258	4.03	181.47	1	14.746
11/2/2017 22:15	87300	144.737	21.327	329.901	5512.318	5928.22	3.258	4.031	181.412	1	14.739
11/2/2017 22:30	88200	144.742	21.314	329.912	5510.136	5927.399	3.258	4.031	181.484	1	14.742
11/2/2017 22:45	89100	144.742	21.318	329.911	5511.182	5928.12	3.258	4.031	181.449	1	14.745
11/2/2017 23:00	90000	144.739	21.317	329.906	5512.459	5928.557	3.259	4.032	181.407	1	14.747
11/2/2017 23:15	90900	144.746	21.319	329.921	5511.109	5927.821	3.258	4.031	181.452	1	14.741
11/2/2017 23:30	91800	144.701	21.317	329.818	5510	5926.976	3.258	4.03	181.488	1	14.744
11/2/2017 23:45	92700	144.742	21.312	329.911	5509.813	5927.318	3.258	4.031	181.494	1	14.749
11/3/2017 0:00	93600	144.708	21.313	329.835	5510.882	5928.352	3.259	4.031	181.459	1	14.745
11/3/2017 0:15	94500	144.746	21.314	329.921	5510.512	5927.899	3.258	4.031	181.471	1	14.75
11/3/2017 0:30	95400	144.735	21.318	329.829	5510.954	5927.874	3.258	4.031	181.457	1	14.746
11/3/2017 0:45	96300	144.755	21.317	329.943	5510.457	5927.478	3.258	4.031	181.473	1	14.744
11/3/2017 1:00	97200	144.767	21.318	329.969	5510.773	5927.626	3.258	4.031	181.463	1	14.744
11/3/2017 1:15	98100	144.727	21.32	329.878	5511.533	5928.209	3.258	4.031	181.438	1	14.746
11/3/2017 1:30	99000	144.732	21.318	329.888	5510.797	5927.716	3.258	4.031	181.462	1	14.739
11/3/2017 1:45	99900	144.762	21.319	329.958	5513.372	5930.335	3.26	4.033	181.377	1	14.743
11/3/2017 2:00	100800	144.769	21.319	329.974	5511.284	5928.1	3.258	4.031	181.446	1	14.749
11/3/2017 2:15	101700	144.767	21.322	329.968	5512.554	5929.05	3.259	4.032	181.404	1	14.748
11/3/2017 2:30	102600	144.767	21.319	329.969	5511.481	5928.291	3.259	4.031	181.439	1	14.746
11/3/2017 2:45	103500	144.761	21.318	329.955	5511.996	5928.962	3.259	4.032	181.422	1	14.751
11/3/2017 3:00	104400	144.764	21.325	329.963	5514.175	5930.475	3.26	4.033	181.351	1	14.74
11/3/2017 3:15	105300	144.763	21.319	329.96	5512.121	5928.937	3.259	4.032	181.418	1	14.745
11/3/2017 3:30	106200	144.768	21.321	329.97	5512.35	5928.916	3.259	4.032	181.411	1	14.741
11/3/2017 3:45	107100	144.723	21.327	329.866	5513.719	5929.748	3.259	4.032	181.366	1	14.742
11/3/2017 4:00	108000	144.773	21.318	329.981	5512.901	5929.936	3.259	4.032	181.393	1	14.732
11/3/2017 4:15	108900	144.786	21.317	330.011	5513.235	5930.402	3.26	4.033	181.382	1	14.736
11/3/2017 4:30	109800	144.769	21.321	329.974	5512.768	5929.366	3.259	4.032	181.397	1	14.746
11/3/2017 4:45	110700	144.777	21.33	329.991	5515.156	5930.931	3.26	4.033	181.319	1	14.744
11/3/2017 5:00	111600	144.77	21.329	329.976	5515.614	5931.477	3.26	4.033	181.303	1	14.746
11/3/2017 5:15	112500	144.78	21.323	329.926	5514.191	5930.959	3.26	4.033	181.35	1	14.745
11/3/2017 5:30	113400	144.771	21.321	329.978	5513.94	5930.679	3.26	4.033	181.359	1	14.752
11/3/2017 5:45	114300	144.773	21.318	329.983	5514.723	5931.939	3.261	4.034	181.333	1	14.75
11/3/2017 6:00	115200	144.778	21.32	329.993	5514.847	5931.838	3.261	4.034	181.329	1	14.744
11/3/2017 6:15	116100	144.78	21.321	329.997	5513.949	5930.646	3.26	4.033	181.358	1	14.748
11/3/2017 6:30	117000	144.785	21.331	330.009	5515.358	5930.999	3.26	4.033	181.312	1	14.739
11/3/2017 6:45	117900	144.775	21.332	329.986	5513.332	5931.884	3.261	4.035	181.243	1	14.738
11/3/2017 7:00	118800	144.776	21.336	329.988	5515.968	5931.035	3.26	4.033	181.292	1	14.746
11/3/2017 7:15	119700	144.774	21.337	329.986	5516.991	5932.07	3.261	4.034	181.258	1	14.74
11/3/2017 7:30	120600	144.773	21.33	329.983	5516.811	5932.626	3.261	4.034	181.264	1	14.745
11/3/2017 7:45	121500	144.734	21.323	329.894	5514.561	5931.156	3.26	4.033	181.338	1	14.748
11/3/2017 8:00	122400	144.777	21.322	329.991	5514.946	5931.592	3.26	4.033	181.325	1	14.746
11/3/2017 8:15	123300	144.775	21.323	329.988	5514.683	5931.388	3.26	4.033	181.334	1	14.749
11/3/2017 8:30	124200	144.798	21.313	330.038	5512.309	5929.854	3.259	4.032	181.412	1	14.745
11/3/2017 8:45	125100	144.749	21.327	329.927	5513.562	5929.504	3.259	4.032	181.371	1	14.75
11/3/2017 9:00	126000	144.773	21.332	329.982	5514.232	5929.628	3.259	4.032	181.349	1	14.757
11/3/2017 9:15	126900	144.779	21.332	329.996	5514.604	5930.037	3.26	4.032	181.337	1	14.758
11/3/2017 9:30	127800	144.777	21.333	329.991	5515.343	5930.727	3.26	4.033	181.312	1	14.763
11/3/2017 9:45	128700	144.786	21.332	330.011	5516.512	5932.668	3.261	4.034	181.274	1	14.763
11/3/2017 10:00	129600	144.741	21.328	329.908	5514.967	5930.952	3.26	4.033	181.325	1	14.765
11/3/2017 10:15	130500	144.796	21.32	330.035	5513.618	5930.43	3.26	4.033	181.369	1	14.757
11/3/2017 10:30	131400	144.8	21.321	330.044	5514.836	5931.654	3.26	4.034	181.329	1	14.753
11/3/2017 10:45	132300	144.804	21.316	330.054	5514.117	5931.5	3.26	4.033	181.353	1	14.762
11/3/2017 11:00	133200	144.799	21.315	330.042	5513.513	5930.904	3.26	4.033	181.373	1	14.761
11/3/2017 11:15	134100	144.804	21.317	330.053	5514.974	5932.262	3.261	4.034	181.325	1	14.761
11/3/2017 11:30	135000	144.792	21.321	330.025	5516.162	5931.884	3.261	4.034	181.285	1	14.765
11/3/2017 11:45	135900	144.799	21.332	330.042	5516.531	5932.174	3.261	4.034	181.273	1	14.761
11/3/2017 12:00	136800	144.809	21.325	330.064	5516.045	5932.485	3.261	4.034	181.289	1	14.754
11/3/2017 12:15	137700	144.781	21.319	330	5515.016	5932.135	3.261	4.034	181.323	1	14.752
11/3/2017 12:30	138600	144.783	21.322	330.005	5516.016	5932.849	3.261	4.034	181.29	1	14.754
11/3/2017 12:45	139500	144.815	21.318	330.077	5515.03	5932.215	3.261	4.034	181.323	1	14.745
11/3/2017 13:00	140400	144.819	21.317	330.081	5514.784	5932.068	3.261	4.034	181.321	1	14.746
11/3/2017 13:15	141300	144.827	21.324	330.105	5516.644	5933.267	3.261	4.035	181.27	1	14.745
11/3/2017 13:30	142200	144.829	21.318	330.11	5516.509	5933.763	3.262	4.035	181.274	1	14.749
11/3/2017 13:45	143100	144.875	21.314	330.214	5515.78	5933.545	3.262	4.035	181.298	1	14.747
11/3/2017 14:00	144000	144.843	21.313	330.142	5515.619	5933.479	3.262	4.035	181.303	1	14.739
11/3/2017 14:15	144900	144.847	21.312	330.152	5514.36	5932.19	3.261	4.034	181.345	1	14.735
11/3/2017 14:30	145800	144.836	21.312	330.125	5516.892	5934.925	3.262	4.036	181.293	1	14.738
11/3/2017 14:45	146700	144.839	21.326	330.133	5516.358	5932.693	3.261	4.034	181.279	1	14.733
11/3/2017 15:00	147600	144.809	21.327	330.065	5517.639	5933.963	3.262	4.035	181.237	1	14.736
11/3/2017 15:15	148500	144.837	21.324	330.129	5517.357	5933.97	3.262	4.035	181.246	1	14.737
11/3/2017 15:30	149400	144.805	21.322	330.056	5517.89	5934.8	3.262	4.036	181.229	1	14.735
11/3/2017 15:45	150300	144.847	21.317	330.151	5516.859	5934.269	3.262	4.035	181.263	1	14.735
11/3/2017 16:00	151200	144.811	21.327	330.07	5518.175	5936.466	3.263	4.037	181.219	1	14.737
11/3/2017 16:15	152100	144.848	21.331	330.153	5516.773	5934.764	3.262	4.036	181.265	1	14.73
11/3/2017 16:30	153000	144.849	21.321	330.155	5517.688	5934.754	3.262	4.036	181.235	1	14.727
11/3/2017 16:45	153900	144.845	21.314	330.147	5517.011	5934.837	3.262	4.036	181.258	1	14.733
11/3/2017 17:00	154800	144.848	21.313	330.154	5516.996	5934.896	3.262	4.036	181.258	1	14.73
11/3/2017 17:15	155700	144.812	21.314	330.072	5517.537	5935.445	3.263	4.036	181.24	1	14.73
11/3/2017 17:30	156600	144.809	21.314	330.064	5517.557	5935.319	3.263	4.036	181.274	1	14.727
11/3/2017 17:45	157500	144.843	21.323	330.143	5518.752	5935.579	3.263	4.036	181.2	1	14.727
11/3/2017 18:00	158400	144.838	21.326	330.131	5518.048	5934.522	3.262	4.035	181.223	1	14.731
11/3/2017 18:15	159300	144.838	21.326	330.131	5520.032	5936.644	3.263	4.037	181.158	1	14.725
11/3/2017 18:30	160200	144.836	21.321	330.127	5519.372	5936.479	3.263	4.037	181.18	1	14.73
11/3/2017 18:45	161100	144.837	21.314	330.129	5518.238	5936.167	3.263	4.037	181.217	1	14.732
11/3/2017 19:00	162000	144.795	21.323	330.033	5521.546	5938.648	3.265	4.038	181.109	1	14.736
11/3/2017 19:15	16										

11/5/2017 2:30	275400	144.887	21319	330.243	5534.708	5953.253	3.273	4.048	180.678	1	14.783
11/5/2017 2:45	276300	144.888	21313	330.245	5534.457	5953.679	3.273	4.049	180.686	1	14.783
11/5/2017 2:00	277200	144.885	21315	330.238	5534.188	5953.165	3.273	4.048	180.695	1	14.781
11/5/2017 2:15	278100	144.92	21315	330.316	5535.037	5954.165	3.274	4.049	180.667	1	14.789
11/5/2017 2:30	279000	144.926	21313	330.331	5534.222	5953.427	3.273	4.048	180.694	1	14.782
11/5/2017 2:45	279900	144.883	21316	330.232	5533.349	5952.144	3.273	4.047	180.722	1	14.78
11/5/2017 3:00	280800	144.914	21320	330.425	5534.525	5951.656	3.272	4.047	180.684	1	14.779
11/5/2017 3:15	281700	144.928	21327	330.336	5536.815	5954.502	3.274	4.049	180.609	1	14.781
11/5/2017 3:30	282600	144.924	21.33	330.327	5537.943	5955.436	3.274	4.05	180.572	1	14.786
11/5/2017 3:45	283500	144.936	21.321	330.354	5536.857	5955.361	3.274	4.05	180.608	1	14.784
11/5/2017 4:00	284400	144.907	21.321	330.288	5537.051	5955.495	3.274	4.05	180.602	1	14.782
11/5/2017 4:15	285300	144.938	21.328	330.458	5536.917	5954.493	3.274	4.049	180.606	1	14.784
11/5/2017 4:30	286200	144.947	21.319	330.379	5535.983	5954.646	3.274	4.049	180.636	1	14.788
11/5/2017 4:45	287100	144.943	21.316	330.371	5535.616	5954.659	3.274	4.049	180.648	1	14.789
11/5/2017 5:00	288000	144.951	21.317	330.388	5536.052	5954.957	3.274	4.049	180.634	1	14.792
11/5/2017 5:15	288900	144.911	21.316	330.297	5536.166	5955.217	3.274	4.05	180.63	1	14.794
11/5/2017 5:30	289800	144.95	21.313	330.386	5536.322	5955.761	3.275	4.05	180.625	1	14.79
11/5/2017 5:45	290700	144.946	21.324	330.376	5538.689	5956.967	3.275	4.051	180.548	1	14.792
11/5/2017 6:00	291600	144.957	21.326	330.402	5537.134	5955.445	3.274	4.05	180.599	1	14.791
11/5/2017 6:15	292500	144.966	21.315	330.422	5535.629	5954.802	3.274	4.049	180.648	1	14.795
11/5/2017 6:30	293400	145	21.312	330.5	5538.257	5957.897	3.276	4.051	180.562	1	14.793
11/5/2017 6:45	294300	144.957	21.32	330.401	5538.356	5957.125	3.275	4.051	180.559	1	14.8
11/5/2017 7:00	295200	144.956	21.32	330.4	5538.884	5957.627	3.276	4.051	180.542	1	14.801
11/5/2017 7:15	296100	144.947	21.325	330.378	5540.543	5958.854	3.276	4.052	180.488	1	14.809
11/5/2017 7:30	297000	144.952	21.327	330.391	5541.84	5960.012	3.277	4.053	180.445	1	14.803
11/5/2017 7:45	297900	144.962	21.317	330.413	5539.788	5958.954	3.277	4.052	180.512	1	14.801
11/5/2017 8:00	298800	144.953	21.318	330.393	5541.036	5960.157	3.277	4.053	180.472	1	14.813
11/5/2017 8:15	299700	144.96	21.322	330.41	5539.793	5958.358	3.276	4.052	180.512	1	14.808
11/5/2017 8:30	300600	144.932	21.318	330.345	5541.223	5960.334	3.277	4.053	180.466	1	14.809
11/5/2017 8:45	301500	144.963	21.321	330.416	5541.342	5960.131	3.277	4.053	180.462	1	14.815
11/5/2017 9:00	302400	144.935	21.322	330.352	5541.722	5960.431	3.277	4.053	180.448	1	14.818
11/5/2017 9:15	303300	144.973	21.319	330.438	5541.422	5960.539	3.277	4.053	180.459	1	14.811
11/5/2017 9:30	304200	144.971	21.315	330.433	5538.801	5958.139	3.276	4.052	180.544	1	14.816
11/5/2017 9:45	305100	144.966	21.319	330.423	5542.188	5961.266	3.278	4.054	180.434	1	14.818
11/5/2017 10:00	306000	144.982	21.322	330.459	5543.947	5962.816	3.279	4.055	180.377	1	14.816
11/5/2017 10:15	306900	144.981	21.317	330.457	5543.978	5963.503	3.279	4.055	180.376	1	14.814
11/5/2017 10:30	307800	144.949	21.322	330.384	5541.39	5963.575	3.277	4.053	180.46	1	14.814
11/5/2017 10:45	308700	144.987	21.322	330.47	5542.542	5961.369	3.278	4.054	180.423	1	14.814
11/5/2017 11:00	309600	144.99	21.322	330.477	5542.837	5961.665	3.278	4.054	180.413	1	14.813
11/5/2017 11:15	310500	144.998	21.313	330.496	5542.433	5962.248	3.278	4.054	180.426	1	14.812
11/5/2017 11:30	311400	144.984	21.327	330.463	5542.887	5961.106	3.278	4.054	180.411	1	14.805
11/5/2017 11:45	312300	145.002	21.32	330.504	5543.444	5962.488	3.279	4.054	180.393	1	14.802
11/5/2017 12:00	313200	145.001	21.329	330.501	5545.445	5962.479	3.279	4.055	180.328	1	14.808
11/5/2017 12:15	314100	145.009	21.327	330.52	5545.316	5963.688	3.279	4.055	180.332	1	14.799
11/5/2017 12:30	315000	144.975	21.329	330.443	5545.423	5963.564	3.279	4.055	180.329	1	14.794
11/5/2017 12:45	315900	145.007	21.326	330.516	5544.088	5962.506	3.279	4.055	180.372	1	14.793
11/5/2017 13:00	316800	145.028	21.329	330.562	5545.763	5963.974	3.279	4.056	180.318	1	14.786
11/5/2017 13:15	317700	145.024	21.324	330.555	5545.262	5964.025	3.279	4.056	180.334	1	14.786
11/5/2017 13:30	318600	144.998	21.329	330.495	5545.458	5963.595	3.279	4.055	180.328	1	14.78
11/5/2017 13:45	319500	145.023	21.328	330.552	5545.635	5963.955	3.279	4.055	180.322	1	14.787
11/5/2017 14:00	320400	145.032	21.33	330.573	5545.8	5963.896	3.279	4.055	180.317	1	14.781
11/5/2017 14:15	321300	145.031	21.329	330.57	5545.844	5964.06	3.28	4.056	180.315	1	14.78
11/5/2017 14:30	322200	145.03	21.33	330.568	5544.327	5962.215	3.278	4.054	180.365	1	14.778
11/5/2017 14:45	323100	145.028	21.333	330.564	5547.285	5965.031	3.28	4.056	180.268	1	14.778
11/5/2017 15:00	324000	145.037	21.33	330.583	5547.105	5965.289	3.28	4.056	180.274	1	14.781
11/5/2017 15:15	324900	145.042	21.323	330.596	5545.158	5963.989	3.279	4.056	180.338	1	14.777
11/5/2017 15:30	325800	145.046	21.32	330.604	5543.885	5962.985	3.279	4.055	180.379	1	14.775
11/5/2017 15:45	326700	145.006	21.315	330.514	5542.769	5962.364	3.279	4.054	180.415	1	14.78
11/5/2017 16:00	327600	145.046	21.317	330.605	5543.006	5962.479	3.279	4.054	180.408	1	14.777
11/5/2017 16:15	328500	145.04	21.316	330.592	5544.531	5964.206	3.28	4.056	180.358	1	14.778
11/5/2017 16:30	329400	145.032	21.322	330.572	5546.714	5965.823	3.281	4.057	180.287	1	14.776
11/5/2017 16:45	330300	145.037	21.315	330.583	5545.037	5964.858	3.28	4.056	180.341	1	14.791
11/5/2017 17:00	331200	145.045	21.314	330.602	5544.551	5964.42	3.28	4.056	180.357	1	14.774
11/5/2017 17:15	332100	145.041	21.316	330.593	5544.236	5963.824	3.279	4.055	180.367	1	14.772
11/5/2017 17:30	333000	145.017	21.317	330.538	5544.186	5963.716	3.279	4.055	180.369	1	14.766
11/5/2017 17:45	333900	145.032	21.317	330.573	5542.99	5962.398	3.279	4.054	180.408	1	14.782
11/5/2017 18:00	334800	145.032	21.318	330.572	5542.921	5962.206	3.278	4.054	180.41	1	14.778
11/5/2017 18:15	335700	145.023	21.319	330.532	5543.916	5963.315	3.279	4.055	180.378	1	14.781
11/5/2017 18:30	336600	145.024	21.322	330.555	5547.194	5966.318	3.281	4.057	180.271	1	14.776
11/5/2017 18:45	337500	144.988	21.318	330.472	5542.775	5962.049	3.278	4.054	180.415	1	14.774
11/5/2017 19:00	338400	145.028	21.317	330.563	5544.476	5963.985	3.279	4.056	180.36	1	14.78
11/5/2017 19:15	339300	145.011	21.32	330.525	5545.458	5964.72	3.28	4.056	180.328	1	14.782
11/5/2017 19:30	340200	145.019	21.323	330.543	5544.249	5963.054	3.279	4.055	180.367	1	14.779
11/5/2017 19:45	341100	145.079	21.316	330.452	5544.066	5963.715	3.279	4.055	180.373	1	14.781
11/5/2017 20:00	342000	145.012	21.316	330.527	5542.596	5962.145	3.278	4.054	180.421	1	14.788
11/5/2017 20:15	342900	145.015	21.319	330.534	5544.451	5963.775	3.279	4.055	180.361	1	14.782
11/5/2017 20:30	343800	145.01	21.32	330.522	5545.842	5965.079	3.28	4.056	180.315	1	14.782
11/5/2017 20:45	344700	145.01	21.32	330.523	5544.156	5963.32	3.279	4.055	180.37	1	14.783
11/5/2017 21:00	345600	145.009	21.319	330.52	5542.781	5961.947	3.278	4.054	180.415	1	14.781
11/5/2017 21:15	346500	145	21.315	330.5	5542.973	5962.164	3.278	4.054	180.409	1	14.788
11/5/2017 21:30	347400	144.996	21.319	330.49	5544.646	5963.974	3.279	4.056	180.354	1	14.794
11/5/2017 21:45	348300	145.002	21.32	330.504	5544.662	5963.833	3.279	4.055	180.354	1	14.789
11/5/2017 22:00	349200	144.995	21.317	330.488	5545.226	5964.782	3.28	4.056	180.335	1	14.787
11/5/2017 22:15	350100	144.987	21.335	330.47	5546.363	5963.889	3.279	4.055	180.298	1	14.791
11/5/2017 22:30	351000	144.945	21.335	330.374	5547.203	5964.76	3.28	4.056	180.271	1	14.789
11/5/2017 22:45	351900	144.994	21.332	330.485	5545.265	5963.052	3.279	4.055	180.334	1	14.792
11/5/2											

11/7/2017 6:15	465300	145.07	21.322	330.66	5556.828	5976.638	3.287	4.064	179.959	1	14.791
11/7/2017 6:30	466200	145.077	21.326	330.675	5556.912	5976.297	3.287	4.064	179.956	1	14.794
11/7/2017 6:45	467100	145.083	21.323	330.689	5557.301	5977.016	3.287	4.064	179.943	1	14.791
11/7/2017 7:00	468000	145.086	21.322	330.696	5558.341	5978.307	3.288	4.065	179.91	1	14.79
11/7/2017 7:15	468900	145.052	21.31	330.618	5556.751	5978.125	3.288	4.065	179.961	1	14.791
11/7/2017 7:30	469800	145.055	21.311	330.625	5559.411	5980.836	3.289	4.067	179.875	1	14.79
11/7/2017 7:45	470700	145.095	21.317	330.716	5558.178	5979.435	3.289	4.066	179.915	1	14.792
11/7/2017 8:00	471600	145.061	21.313	330.638	5557.763	5978.838	3.288	4.066	179.929	1	14.792
11/7/2017 8:15	472500	145.062	21.313	330.642	5558.239	5979.306	3.288	4.066	179.913	1	14.791
11/7/2017 8:30	473400	145.082	21.323	330.687	5559.271	5979.244	3.288	4.066	179.88	1	14.801
11/7/2017 8:45	474300	145.089	21.33	330.703	5559.952	5979.071	3.288	4.066	179.858	1	14.801
11/7/2017 9:00	475200	145.091	21.33	330.708	5562.085	5981.313	3.29	4.067	179.789	1	14.796
11/7/2017 9:15	476100	145.086	21.329	330.695	5560.659	5979.939	3.289	4.066	179.835	1	14.796
11/7/2017 9:30	477000	145.088	21.329	330.7	5561.856	5981.216	3.29	4.067	179.796	1	14.79
11/7/2017 9:45	477900	145.099	21.328	330.726	5563.264	5982.892	3.291	4.068	179.751	1	14.788
11/7/2017 10:00	478800	145.075	21.33	330.67	5562.693	5981.987	3.29	4.068	179.769	1	14.778
11/7/2017 10:15	479700	145.098	21.332	330.724	5563.884	5983.008	3.291	4.068	179.731	1	14.784
11/7/2017 10:30	480600	145.104	21.323	330.736	5562.046	5982.196	3.29	4.068	179.79	1	14.787
11/7/2017 10:45	481500	145.096	21.329	330.715	5564.011	5983.824	3.291	4.069	179.726	1	14.782
11/7/2017 11:00	482400	145.063	21.326	330.644	5562.625	5982.464	3.29	4.068	179.771	1	14.782
11/7/2017 11:15	483300	145.109	21.332	330.747	5564.178	5983.412	3.291	4.069	179.721	1	14.784
11/7/2017 11:30	484200	145.121	21.33	330.775	5563.763	5983.17	3.291	4.069	179.734	1	14.769
11/7/2017 11:45	485100	145.105	21.331	330.738	5565.771	5985.222	3.292	4.07	179.67	1	14.777
11/7/2017 12:00	486000	145.103	21.33	330.734	5566.889	5986.585	3.293	4.071	179.634	1	14.78
11/7/2017 12:15	486900	145.078	21.327	330.657	5564.353	5984.149	3.291	4.069	179.715	1	14.769
11/7/2017 12:30	487800	145.108	21.332	330.745	5563.862	5982.997	3.291	4.068	179.731	1	14.773
11/7/2017 12:45	488700	145.075	21.321	330.672	5563.542	5983.998	3.291	4.069	179.742	1	14.771
11/7/2017 13:00	489600	145.08	21.313	330.681	5563.594	5985.133	3.292	4.07	179.74	1	14.766
11/7/2017 13:15	490500	145.09	21.312	330.704	5565.176	5986.909	3.293	4.071	179.689	1	14.762
11/7/2017 13:30	491400	145.087	21.313	330.698	5564.479	5986.052	3.292	4.071	179.711	1	14.764
11/7/2017 13:45	492300	145.127	21.317	330.789	5565.597	5986.737	3.293	4.071	179.675	1	14.763
11/7/2017 14:00	493200	145.13	21.323	330.797	5565.746	5986.099	3.292	4.071	179.67	1	14.764
11/7/2017 14:15	494100	145.128	21.319	330.792	5564.356	5985.154	3.292	4.07	179.715	1	14.76
11/7/2017 14:30	495000	145.12	21.323	330.772	5563.965	5984.228	3.291	4.069	179.728	1	14.764
11/7/2017 14:45	495900	145.121	21.325	330.776	5565.565	5985.702	3.292	4.07	179.676	1	14.766
11/7/2017 15:00	496800	145.129	21.334	330.793	5567.274	5986.472	3.293	4.071	179.621	1	14.758
11/7/2017 15:15	497700	145.136	21.326	330.809	5566.658	5986.746	3.293	4.071	179.641	1	14.756
11/7/2017 15:30	498600	145.13	21.328	330.796	5566.68	5986.598	3.293	4.071	179.64	1	14.756
11/7/2017 15:45	499500	145.128	21.326	330.79	5565.269	5985.295	3.292	4.07	179.686	1	14.754
11/7/2017 16:00	500400	145.098	21.329	330.722	5566.69	5986.393	3.293	4.071	179.64	1	14.751
11/7/2017 16:15	501300	145.156	21.327	330.856	5565.339	5985.231	3.292	4.07	179.684	1	14.758
11/7/2017 16:30	502200	145.13	21.328	330.795	5565.471	5985.266	3.292	4.07	179.679	1	14.754
11/7/2017 16:45	503100	145.132	21.327	330.801	5563.455	5983.215	3.291	4.069	179.744	1	14.754
11/7/2017 17:00	504000	145.09	21.33	330.704	5565.464	5984.556	3.292	4.07	179.68	1	14.752
11/7/2017 17:15	504900	145.129	21.327	330.794	5567.288	5987.337	3.293	4.071	179.621	1	14.749
11/7/2017 17:30	505800	145.12	21.329	330.773	5565.245	5984.937	3.292	4.07	179.687	1	14.759
11/7/2017 17:45	506700	145.122	21.324	330.778	5564.54	5984.78	3.292	4.07	179.709	1	14.756
11/7/2017 18:00	507600	145.081	21.319	330.684	5563.141	5983.868	3.291	4.069	179.755	1	14.755
11/7/2017 18:15	508500	145.118	21.318	330.769	5564.853	5985.817	3.292	4.07	179.699	1	14.761
11/7/2017 18:30	509400	145.076	21.318	330.672	5565.593	5986.604	3.293	4.071	179.675	1	14.754
11/7/2017 18:45	510300	145.105	21.319	330.738	5565.756	5986.628	3.293	4.071	179.67	1	14.765
11/7/2017 19:00	511200	145.115	21.318	330.762	5566.577	5987.606	3.293	4.072	179.644	1	14.758
11/7/2017 19:15	512100	145.117	21.32	330.767	5565.414	5986.174	3.292	4.071	179.681	1	14.758
11/7/2017 19:30	513000	145.098	21.32	330.723	5567.44	5988.342	3.294	4.072	179.616	1	14.764
11/7/2017 19:45	513900	145.102	21.321	330.732	5563.869	5984.437	3.291	4.069	179.731	1	14.754
11/7/2017 20:00	514800	145.025	21.319	330.625	5565.415	5986.271	3.293	4.071	179.681	1	14.765
11/7/2017 20:15	515700	145.085	21.322	330.694	5564.695	5985.185	3.292	4.07	179.704	1	14.758
11/7/2017 20:30	516600	145.083	21.321	330.689	5561.938	5982.263	3.29	4.068	179.793	1	14.759
11/7/2017 20:45	517500	145.076	21.324	330.672	5565.544	5985.849	3.292	4.07	179.677	1	14.763
11/7/2017 21:00	518400	145.034	21.324	330.578	5566.252	5986.547	3.293	4.071	179.654	1	14.766
11/7/2017 21:15	519300	145.07	21.322	330.659	5566.312	5986.892	3.293	4.071	179.652	1	14.768
11/7/2017 21:30	520200	145.025	21.327	330.6	5567.288	5987.759	3.293	4.072	179.623	1	14.769
11/7/2017 21:45	521100	145.063	21.324	330.642	5565.811	5986.083	3.292	4.071	179.668	1	14.768
11/7/2017 22:00	522000	145.049	21.324	330.612	5567.019	5987.372	3.293	4.071	179.629	1	14.776
11/7/2017 22:15	522900	145.045	21.324	330.603	5565.37	5985.62	3.292	4.07	179.683	1	14.777
11/7/2017 22:30	523800	145.004	21.327	330.509	5565.01	5984.93	3.292	4.07	179.694	1	14.772
11/7/2017 22:45	524700	145.026	21.328	330.56	5567.591	5987.48	3.293	4.071	179.611	1	14.776
11/7/2017 23:00	525600	145.004	21.328	330.6	5566.791	5986.674	3.293	4.071	179.637	1	14.781
11/7/2017 23:15	526500	145.023	21.329	330.552	5564.526	5984.152	3.291	4.069	179.71	1	14.773
11/7/2017 23:30	527400	145.02	21.334	330.546	5566.177	5985.28	3.292	4.07	179.657	1	14.77
11/7/2017 23:45	528300	145.014	21.333	330.531	5565.857	5985.057	3.292	4.07	179.667	1	14.774
11/8/2017 0:00	529200	145.019	21.328	330.543	5568.379	5988.349	3.294	4.072	179.585	1	14.765
11/8/2017 0:15	530100	145.012	21.326	330.528	5567.984	5988.161	3.294	4.072	179.598	1	14.769
11/8/2017 0:30	531000	145.024	21.33	330.555	5569.602	5989.555	3.294	4.073	179.546	1	14.759
11/8/2017 0:45	531900	144.977	21.331	330.447	5568.109	5987.66	3.293	4.072	179.594	1	14.764
11/8/2017 1:00	532800	145.005	21.333	330.512	5570.775	5990.279	3.295	4.073	179.508	1	14.763
11/8/2017 1:15	533700	144.998	21.334	330.495	5569.954	5989.277	3.294	4.073	179.535	1	14.765
11/8/2017 1:30	534600	145.01	21.334	330.521	5569.932	5989.34	3.294	4.073	179.535	1	14.752
11/8/2017 1:45	535500	145	21.339	330.499	5571.378	5990.27	3.295	4.073	179.489	1	14.752
11/8/2017 2:00	536400	145.095	21.337	330.489	5570.933	5990.617	3.295	4.073	179.504	1	14.756
11/8/2017 2:15	537300	145.01	21.341	330.522	5570.222	5988.801	3.294	4.072	179.526	1	14.744
11/8/2017 2:30	538200	145.006	21.34	330.514	5573.101	5991.982	3.296	4.075	179.433	1	14.739
11/8/2017 2:45	539100	145	21.342	330.499	5569.32	5987.691	3.293	4.072	179.555	1	14.742
11/8/2017 3:00	540000	145	21.34	330.499	5571.358	5990.14	3.295	4.073	179.489	1	14.74
11/8/2017 3:15	540900	145	21.342	330.5	5570.318	5988.699	3.294	4.072	179.523	1	14.732
11/8/2017 3:30	541800	145.002	21.342	330.504	5569.968	5988.387	3.294	4.072	179.534	1	14.729
11/8/2017 3:45	542700										

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	
11/2/2017		0:00:00	0	89.515	16	1334.6
11/2/2017		0:15:00	0	89.473	16	1334.6
11/2/2017		0:30:00	0	89.432	16	1333.4
11/2/2017		0:45:00	0	89.511	16	1334.6
11/2/2017		1:00:00	0	89.534	16	1335.8
11/2/2017		1:15:00	0	89.476	16	1334.6
11/2/2017		1:30:00	0	89.499	16	1334.6
11/2/2017		1:45:00	0	89.496	16	1335.8
11/2/2017		2:00:00	0	89.478	16	1333.4
11/2/2017		2:15:00	0	89.494	16	1333.4
11/2/2017		2:30:00	0	89.49	16	1333.4
11/2/2017		2:45:00	0	89.489	16	1335.8
11/2/2017		3:00:00	0	89.51	16	1335.8
11/2/2017		3:15:00	0	89.51	16	1334.6
11/2/2017		3:30:00	0	89.512	16	1334.6
11/2/2017		3:45:00	0	89.494	16	1335.8
11/2/2017		4:00:00	0	89.534	16	1334.6
11/2/2017		4:15:00	0	89.516	16	1335.8
11/2/2017		4:30:00	0	89.535	16	1333.4
11/2/2017		4:45:00	0	89.493	16	1335.8
11/2/2017		5:00:00	0	89.531	16	1335.8
11/2/2017		5:15:00	0	89.508	16	1334.6
11/2/2017		5:30:00	0	89.507	16	1334.6
11/2/2017		5:45:00	0	89.504	16	1333.4
11/2/2017		6:00:00	0	89.526	16	1334.6
11/2/2017		6:15:00	0	89.545	16	1334.6
11/2/2017		6:30:00	0	89.524	16	1335.8
11/2/2017		6:45:00	0	89.498	16	1334.6
11/2/2017		7:00:00	0	89.515	16	1335.8
11/2/2017		7:15:00	0	89.511	16	1335.8
11/2/2017		7:30:00	0	89.544	16	1334.6
11/2/2017		7:45:00	0	89.501	16	1334.6
11/2/2017		8:00:00	0	89.493	16	1334.6
11/2/2017		8:15:00	0	89.505	16	1335.8
11/2/2017		8:30:00	0	89.475	16	1335.8
11/2/2017		8:45:00	0	89.487	16	1333.4
11/2/2017		9:00:00	0	89.504	16	1333.4
11/2/2017		9:15:00	0	89.481	16	1334.6
11/2/2017		9:30:00	0	89.478	16	1335.8
11/2/2017		9:45:00	0	89.475	16	1334.6
11/2/2017		10:00:00	0	89.495	16	1335.8
11/2/2017		10:15:00	0	89.477	16	1334.6
11/2/2017		10:30:00	0	89.459	16	1334.6
11/2/2017		10:45:00	0	89.46	16	1334.6
11/2/2017		11:00:00	0	89.442	16	1335.8
11/2/2017		11:15:00	0	89.482	16	1335.8
11/2/2017		11:30:00	0	89.482	16	1333.4
11/2/2017		11:45:00	0	89.463	16	1335.8
11/2/2017		12:00:00	0	89.426	16	1334.6
11/2/2017		12:15:00	0	89.462	16	1334.6
11/2/2017		12:30:00	0	89.464	16	1334.6
11/2/2017		12:45:00	0	89.447	16	1335.8
11/2/2017		13:00:00	0	89.427	16	1334.6
11/2/2017		13:15:00	0	89.395	16	1334.6
11/2/2017		13:30:00	0	89.397	16	1333.4
11/2/2017		13:45:00	0	89.435	16	1334.6
11/2/2017		14:00:00	0	89.418	16	1334.6
11/2/2017		14:15:00	0	89.437	16	1335.8
11/2/2017		14:30:00	0	89.419	16	1334.6
11/2/2017		14:45:00	0	89.465	16	1335.8
11/2/2017		15:00:00	0	89.388	16	1335.8
11/2/2017		15:15:00	0	89.405	16	1334.6
11/2/2017		15:30:00	0	89.399	16	1333.4
11/2/2017		15:45:00	0	89.42	16	1335.8
11/2/2017		16:00:00	0	89.419	16	1333.4
11/2/2017		16:15:00	0	89.421	16	1333.4
11/2/2017		16:30:00	0	89.421	16	1333.4
11/2/2017		16:45:00	0	89.402	16	1334.6
11/2/2017		17:00:00	0	89.426	16	1334.6
11/2/2017		17:15:00	0	89.41	16	1334.6
11/2/2017		17:30:00	0	89.431	16	1334.6
11/2/2017		17:45:00	0	89.413	16	1333.4
11/2/2017		18:00:00	0	89.413	16	1335.8
11/2/2017		18:15:00	0	89.49	16	1335.8
11/2/2017		18:30:00	0	89.41	16	1333.4
11/2/2017		18:45:00	0	89.426	16	1335.8
11/2/2017		19:00:00	0	89.459	16	1334.6
11/2/2017		19:15:00	0	89.398	16	1334.6
11/2/2017		19:30:00	0	89.455	16	1334.6
11/2/2017		19:45:00	0	89.435	16	1335.8

11/2/2017	20:00:00	0	89.473	16	1334.6
11/2/2017	20:15:00	0	89.458	16	1334.6
11/2/2017	20:30:00	0	89.422	16	1334.6
11/2/2017	20:45:00	0	89.442	16	1334.6
11/2/2017	21:00:00	0	89.423	16	1335.8
11/2/2017	21:15:00	0	89.423	16	1335.8
11/2/2017	21:30:00	0	89.48	16	1333.4
11/2/2017	21:45:00	0	89.435	16	1333.4
11/2/2017	22:00:00	0	89.454	16	1334.6
11/2/2017	22:15:00	0	89.457	16	1333.4
11/2/2017	22:30:00	0	89.457	16	1335.8
11/2/2017	22:45:00	0	89.459	16	1334.6
11/2/2017	23:00:00	0	89.438	16	1333.4
11/2/2017	23:15:00	0	89.455	16	1334.6
11/2/2017	23:30:00	0	89.489	16	1335.8
11/2/2017	23:45:00	0	89.448	16	1335.8
11/3/2017	0:00:00	0	89.448	16	1334.6
11/3/2017	0:15:00	0	89.503	16	1333.4
11/3/2017	0:30:00	0	89.483	16	1333.4
11/3/2017	0:45:00	0	89.481	16	1334.6
11/3/2017	1:00:00	0	89.483	16	1335.8
11/3/2017	1:15:00	0	89.465	16	1335.8
11/3/2017	1:30:00	0	89.447	16	1334.6
11/3/2017	1:45:00	0	89.501	16	1334.6
11/3/2017	2:00:00	0	89.455	16	1334.6
11/3/2017	2:15:00	0	89.458	16	1334.6
11/3/2017	2:30:00	0	89.501	16	1334.6
11/3/2017	2:45:00	0	89.444	16	1334.6
11/3/2017	3:00:00	0	89.472	16	1333.4
11/3/2017	3:15:00	0	89.513	16	1334.6
11/3/2017	3:30:00	0	89.44	16	1333.4
11/3/2017	3:45:00	0	89.48	16	1333.4
11/3/2017	4:00:00	0	89.503	16	1333.4
11/3/2017	4:15:00	0	89.474	16	1333.4
11/3/2017	4:30:00	0	89.488	16	1333.4
11/3/2017	4:45:00	0	89.468	16	1335.8
11/3/2017	5:00:00	0	89.466	16	1334.6
11/3/2017	5:15:00	0	89.507	16	1335.8
11/3/2017	5:30:00	0	89.464	16	1335.8
11/3/2017	5:45:00	0	89.482	16	1334.6
11/3/2017	6:00:00	0	89.504	16	1334.6
11/3/2017	6:15:00	0	89.525	16	1334.6
11/3/2017	6:30:00	0	89.508	16	1334.6
11/3/2017	6:45:00	0	89.507	16	1334.6
11/3/2017	7:00:00	0	89.509	16	1335.8
11/3/2017	7:15:00	0	89.546	16	1334.6
11/3/2017	7:30:00	0	89.527	16	1334.6
11/3/2017	7:45:00	0	89.506	16	1333.4
11/3/2017	8:00:00	0	89.503	16	1333.4
11/3/2017	8:15:00	0	89.476	16	1333.4
11/3/2017	8:30:00	0	89.51	16	1335.8
11/3/2017	8:45:00	0	89.505	16	1335.8
11/3/2017	9:00:00	0	89.516	16	1335.8
11/3/2017	9:15:00	0	89.531	16	1335.8
11/3/2017	9:30:00	0	89.547	16	1334.6
11/3/2017	9:45:00	0	89.507	16	1334.6
11/3/2017	10:00:00	0	89.506	16	1334.6
11/3/2017	10:15:00	0	89.502	16	1334.6
11/3/2017	10:30:00	0	89.501	16	1335.8
11/3/2017	10:45:00	0	89.482	16	1334.6
11/3/2017	11:00:00	0	89.503	16	1333.4
11/3/2017	11:15:00	0	89.524	16	1334.6
11/3/2017	11:30:00	0	89.525	16	1333.4
11/3/2017	11:45:00	0	89.491	16	1334.6
11/3/2017	12:00:00	0	89.497	16	1334.6
11/3/2017	12:15:00	0	89.521	16	1333.4
11/3/2017	12:30:00	0	89.527	16	1334.6
11/3/2017	12:45:00	0	89.534	16	1335.8
11/3/2017	13:00:00	0	89.518	16	1334.6
11/3/2017	13:15:00	0	89.537	16	1333.4
11/3/2017	13:30:00	0	89.534	16	1334.6
11/3/2017	13:45:00	0	89.522	16	1333.4
11/3/2017	14:00:00	0	89.552	16	1333.4
11/3/2017	14:15:00	0	89.539	16	1334.6
11/3/2017	14:30:00	0	89.502	16	1333.4
11/3/2017	14:45:00	0	89.524	16	1334.6
11/3/2017	15:00:00	0	89.544	16	1335.8
11/3/2017	15:15:00	0	89.486	16	1333.4
11/3/2017	15:30:00	0	89.563	16	1334.6
11/3/2017	15:45:00	0	89.547	16	1333.4
11/3/2017	16:00:00	0	89.567	16	1335.8
11/3/2017	16:15:00	0	89.54	16	1333.4
11/3/2017	16:30:00	0	89.554	16	1333.4
11/3/2017	16:45:00	0	89.552	16	1334.6
11/3/2017	17:00:00	0	89.555	16	1334.6
11/3/2017	17:15:00	0	89.559	16	1334.6
11/3/2017	17:30:00	0	89.519	16	1333.4
11/3/2017	17:45:00	0	89.553	16	1334.6
11/3/2017	18:00:00	0	89.575	16	1334.6
11/3/2017	18:15:00	0	89.561	16	1334.6
11/3/2017	18:30:00	0	89.536	16	1334.6
11/3/2017	18:45:00	0	89.536	16	1334.6
11/3/2017	19:00:00	0	89.556	16	1334.6
11/3/2017	19:15:00	0	89.572	16	1334.6
11/3/2017	19:30:00	0	89.577	16	1334.6
11/3/2017	19:45:00	0	89.558	16	1334.6

11/3/2017	20:00:00	0	89.56	16	1334.6
11/3/2017	20:15:00	0	89.561	16	1335.8
11/3/2017	20:30:00	0	89.542	16	1334.6
11/3/2017	20:45:00	0	89.541	16	1333.4
11/3/2017	21:00:00	0	89.562	16	1334.6
11/3/2017	21:15:00	0	89.518	16	1333.4
11/3/2017	21:30:00	0	89.536	16	1334.6
11/3/2017	21:45:00	0	89.554	16	1335.8
11/3/2017	22:00:00	0	89.512	16	1334.6
11/3/2017	22:15:00	0	89.551	16	1335.8
11/3/2017	22:30:00	0	89.547	16	1335.8
11/3/2017	22:45:00	0	89.528	16	1334.6
11/3/2017	23:00:00	0	89.53	16	1334.6
11/3/2017	23:15:00	0	89.554	16	1334.6
11/3/2017	23:30:00	0	89.577	16	1333.4
11/3/2017	23:45:00	0	89.538	16	1333.4
11/4/2017	0:00:00	0	89.561	16	1333.4
11/4/2017	0:15:00	0	89.54	16	1334.6
11/4/2017	0:30:00	0	89.576	16	1335.8
11/4/2017	0:45:00	0	89.532	16	1334.6
11/4/2017	1:00:00	0	89.56	16	1334.6
11/4/2017	1:15:00	0	89.577	16	1333.4
11/4/2017	1:30:00	0	89.591	16	1334.6
11/4/2017	1:45:00	0	89.577	16	1334.6
11/4/2017	2:00:00	0	89.578	16	1334.6
11/4/2017	2:15:00	0	89.575	16	1333.4
11/4/2017	2:30:00	0	89.597	16	1334.6
11/4/2017	2:45:00	0	89.597	16	1335.8
11/4/2017	3:00:00	0	89.539	16	1335.8
11/4/2017	3:15:00	0	89.6	16	1334.6
11/4/2017	3:30:00	0	89.622	16	1334.6
11/4/2017	3:45:00	0	89.621	16	1334.6
11/4/2017	4:00:00	0	89.586	16	1333.4
11/4/2017	4:15:00	0	89.59	16	1335.8
11/4/2017	4:30:00	0	89.611	16	1334.6
11/4/2017	4:45:00	0	89.611	16	1334.6
11/4/2017	5:00:00	0	89.631	16	1335.8
11/4/2017	5:15:00	0	89.652	16	1335.8
11/4/2017	5:30:00	0	89.629	16	1333.4
11/4/2017	5:45:00	0	89.63	16	1334.6
11/4/2017	6:00:00	0	89.606	16	1334.6
11/4/2017	6:15:00	0	89.622	16	1334.6
11/4/2017	6:30:00	0	89.598	16	1335.8
11/4/2017	6:45:00	0	89.599	16	1333.4
11/4/2017	7:00:00	0	89.641	16	1334.6
11/4/2017	7:15:00	0	89.619	16	1335.8
11/4/2017	7:30:00	0	89.64	16	1335.8
11/4/2017	7:45:00	0	89.633	16	1333.4
11/4/2017	8:00:00	0	89.65	16	1335.8
11/4/2017	8:15:00	0	89.609	16	1333.4
11/4/2017	8:30:00	0	89.621	16	1334.6
11/4/2017	8:45:00	0	89.651	16	1334.6
11/4/2017	9:00:00	0	89.641	16	1334.6
11/4/2017	9:15:00	0	89.579	16	1334.6
11/4/2017	9:30:00	0	89.653	16	1334.6
11/4/2017	9:45:00	0	89.611	16	1334.6
11/4/2017	10:00:00	0	89.59	16	1333.4
11/4/2017	10:15:00	0	89.586	16	1335.8
11/4/2017	10:30:00	0	89.609	16	1335.8
11/4/2017	10:45:00	0	89.612	16	1335.8
11/4/2017	11:00:00	0	89.596	16	1334.6
11/4/2017	11:15:00	0	89.636	16	1334.6
11/4/2017	11:30:00	0	89.617	16	1335.8
11/4/2017	11:45:00	0	89.661	16	1334.6
11/4/2017	12:00:00	0	89.629	16	1334.6
11/4/2017	12:15:00	0	89.63	16	1333.4
11/4/2017	12:30:00	0	89.607	16	1334.6
11/4/2017	12:45:00	0	89.652	16	1334.6
11/4/2017	13:00:00	0	89.654	16	1335.8
11/4/2017	13:15:00	0	89.636	16	1333.4
11/4/2017	13:30:00	0	89.637	16	1334.6
11/4/2017	13:45:00	0	89.664	16	1334.6
11/4/2017	14:00:00	0	89.629	16	1334.6
11/4/2017	14:15:00	0	89.653	16	1334.6
11/4/2017	14:30:00	0	89.674	16	1334.6
11/4/2017	14:45:00	0	89.615	16	1333.4
11/4/2017	15:00:00	0	89.692	16	1333.4
11/4/2017	15:15:00	0	89.651	16	1334.6
11/4/2017	15:30:00	0	89.648	16	1334.6
11/4/2017	15:45:00	0	89.649	16	1333.4
11/4/2017	16:00:00	0	89.646	16	1334.6
11/4/2017	16:15:00	0	89.645	16	1334.6
11/4/2017	16:30:00	0	89.703	16	1334.6
11/4/2017	16:45:00	0	89.683	16	1335.8
11/4/2017	17:00:00	0	89.646	16	1335.8
11/4/2017	17:15:00	0	89.646	16	1334.6
11/4/2017	17:30:00	0	89.667	16	1335.8
11/4/2017	17:45:00	0	89.666	16	1335.8
11/4/2017	18:00:00	0	89.646	16	1334.6
11/4/2017	18:15:00	0	89.663	16	1334.6
11/4/2017	18:30:00	0	89.644	16	1335.8
11/4/2017	18:45:00	0	89.68	16	1334.6
11/4/2017	19:00:00	0	89.671	16	1334.6
11/4/2017	19:15:00	0	89.647	16	1334.6
11/4/2017	19:30:00	0	89.66	16	1334.6
11/4/2017	19:45:00	0	89.639	16	1333.4

11/4/2017	20:00:00	0	89.651	16	1333.4
11/4/2017	20:15:00	0	89.644	16	1335.8
11/4/2017	20:30:00	0	89.695	16	1335.8
11/4/2017	20:45:00	0	89.656	16	1333.4
11/4/2017	21:00:00	0	89.65	16	1334.6
11/4/2017	21:15:00	0	89.645	16	1334.6
11/4/2017	21:30:00	0	89.681	16	1335.8
11/4/2017	21:45:00	0	89.657	16	1334.6
11/4/2017	22:00:00	0	89.653	16	1334.6
11/4/2017	22:15:00	0	89.608	16	1334.6
11/4/2017	22:30:00	0	89.606	16	1335.8
11/4/2017	22:45:00	0	89.601	16	1334.6
11/4/2017	23:00:00	0	89.619	16	1333.4
11/4/2017	23:15:00	0	89.64	16	1334.6
11/4/2017	23:30:00	0	89.638	16	1333.4
11/4/2017	23:45:00	0	89.598	16	1334.6
11/5/2017	0:00:00	0	89.655	16	1334.6
11/5/2017	0:15:00	0	89.632	16	1335.8
11/5/2017	0:30:00	0	89.652	16	1334.6
11/5/2017	0:45:00	0	89.626	16	1333.4
11/5/2017	1:00:00	0	89.626	16	1334.6
11/5/2017	1:15:00	0	89.622	16	1333.4
11/5/2017	1:30:00	0	89.643	16	1334.6
11/5/2017	1:45:00	0	89.659	16	1334.6
11/5/2017	2:00:00	0	89.638	16	1334.6
11/5/2017	2:15:00	0	89.617	16	1334.6
11/5/2017	2:30:00	0	89.658	16	1334.6
11/5/2017	2:45:00	0	89.64	16	1335.8
11/5/2017	3:00:00	0	89.659	16	1333.4
11/5/2017	3:15:00	0	89.66	16	1335.8
11/5/2017	3:30:00	0	89.64	16	1334.6
11/5/2017	3:45:00	0	89.62	16	1333.4
11/5/2017	4:00:00	0	89.641	16	1333.4
11/5/2017	4:15:00	0	89.639	16	1334.6
11/5/2017	4:30:00	0	89.657	16	1333.4
11/5/2017	4:45:00	0	89.636	16	1333.4
11/5/2017	5:00:00	0	89.635	16	1334.6
11/5/2017	5:15:00	0	89.634	16	1335.8
11/5/2017	5:30:00	0	89.652	16	1334.6
11/5/2017	5:45:00	0	89.647	16	1334.6
11/5/2017	6:00:00	0	89.665	16	1334.6
11/5/2017	6:15:00	0	89.662	16	1333.4
11/5/2017	6:30:00	0	89.642	16	1334.6
11/5/2017	6:45:00	0	89.677	16	1334.6
11/5/2017	7:00:00	0	89.674	16	1334.6
11/5/2017	7:15:00	0	89.632	16	1334.6
11/5/2017	7:30:00	0	89.688	16	1333.4
11/5/2017	7:45:00	0	89.707	16	1333.4
11/5/2017	8:00:00	0	89.7	16	1333.4
11/5/2017	8:15:00	0	89.694	16	1335.8
11/5/2017	8:30:00	0	89.631	16	1335.8
11/5/2017	8:45:00	0	89.668	16	1334.6
11/5/2017	9:00:00	0	89.662	16	1333.4
11/5/2017	9:15:00	0	89.636	16	1334.6
11/5/2017	9:30:00	0	89.688	16	1334.6
11/5/2017	9:45:00	0	89.665	16	1333.4
11/5/2017	10:00:00	0	89.698	16	1334.6
11/5/2017	10:15:00	0	89.679	16	1334.6
11/5/2017	10:30:00	0	89.678	16	1335.8
11/5/2017	10:45:00	0	89.697	16	1334.6
11/5/2017	11:00:00	0	89.698	16	1333.4
11/5/2017	11:15:00	0	89.679	16	1335.8
11/5/2017	11:30:00	0	89.679	16	1335.8
11/5/2017	11:45:00	0	89.662	16	1334.6
11/5/2017	12:00:00	0	89.687	16	1334.6
11/5/2017	12:15:00	0	89.656	16	1334.6
11/5/2017	12:30:00	0	89.722	16	1334.6
11/5/2017	12:45:00	0	89.723	16	1333.4
11/5/2017	13:00:00	0	89.713	16	1335.8
11/5/2017	13:15:00	0	89.664	16	1335.8
11/5/2017	13:30:00	0	89.73	16	1333.4
11/5/2017	13:45:00	0	89.694	16	1334.6
11/5/2017	14:00:00	0	89.698	16	1335.8
11/5/2017	14:15:00	0	89.705	16	1332.2
11/5/2017	14:30:00	0	89.728	16	1335.8
11/5/2017	14:45:00	0	89.73	16	1334.6
11/5/2017	15:00:00	0	89.696	16	1335.8
11/5/2017	15:15:00	0	89.699	16	1334.6
11/5/2017	15:30:00	0	89.721	16	1334.6
11/5/2017	15:45:00	0	89.706	16	1334.6
11/5/2017	16:00:00	0	89.706	16	1334.6
11/5/2017	16:15:00	0	89.708	16	1335.8
11/5/2017	16:30:00	0	89.747	16	1334.6
11/5/2017	16:45:00	0	89.748	16	1335.8
11/5/2017	17:00:00	0	89.715	16	1335.8
11/5/2017	17:15:00	0	89.716	16	1334.6
11/5/2017	17:30:00	0	89.735	16	1334.6
11/5/2017	17:45:00	0	89.734	16	1334.6
11/5/2017	18:00:00	0	89.759	16	1335.8
11/5/2017	18:15:00	0	89.737	16	1334.6
11/5/2017	18:30:00	0	89.735	16	1335.8
11/5/2017	18:45:00	0	89.792	16	1334.6
11/5/2017	19:00:00	0	89.732	16	1333.4
11/5/2017	19:15:00	0	89.73	16	1334.6
11/5/2017	19:30:00	0	89.73	16	1333.4
11/5/2017	19:45:00	0	89.731	16	1334.6

11/5/2017	20:00:00	0	89.751	16	1335.8
11/5/2017	20:15:00	0	89.731	16	1334.6
11/5/2017	20:30:00	0	89.725	16	1334.6
11/5/2017	20:45:00	0	89.746	16	1334.6
11/5/2017	21:00:00	0	89.743	16	1335.8
11/5/2017	21:15:00	0	89.703	16	1334.6
11/5/2017	21:30:00	0	89.738	16	1334.6
11/5/2017	21:45:00	0	89.757	16	1334.6
11/5/2017	22:00:00	0	89.768	16	1335.8
11/5/2017	22:15:00	0	89.707	16	1335.8
11/5/2017	22:30:00	0	89.746	16	1334.6
11/5/2017	22:45:00	0	89.725	16	1335.8
11/5/2017	23:00:00	0	89.728	16	1334.6
11/5/2017	23:15:00	0	89.742	16	1333.4
11/5/2017	23:30:00	0	89.702	16	1333.4
11/5/2017	23:45:00	0	89.723	16	1334.6
11/6/2017	0:00:00	0	89.762	16	1335.8
11/6/2017	0:15:00	0	89.72	16	1334.6
11/6/2017	0:30:00	0	89.766	16	1334.6
11/6/2017	0:45:00	0	89.711	16	1334.6
11/6/2017	1:00:00	0	89.746	16	1333.4
11/6/2017	1:15:00	0	89.745	16	1335.8
11/6/2017	1:30:00	0	89.726	16	1333.4
11/6/2017	1:45:00	0	89.724	16	1335.8
11/6/2017	2:00:00	0	89.723	16	1335.8
11/6/2017	2:15:00	0	89.754	16	1333.4
11/6/2017	2:30:00	0	89.705	16	1334.6
11/6/2017	2:45:00	0	89.765	16	1334.6
11/6/2017	3:00:00	0	89.745	16	1335.8
11/6/2017	3:15:00	0	89.767	16	1333.4
11/6/2017	3:30:00	0	89.747	16	1333.4
11/6/2017	3:45:00	0	89.728	16	1335.8
11/6/2017	4:00:00	0	89.769	16	1333.4
11/6/2017	4:15:00	0	89.787	16	1335.8
11/6/2017	4:30:00	0	89.762	16	1334.6
11/6/2017	4:45:00	0	89.779	16	1335.8
11/6/2017	5:00:00	0	89.782	16	1335.8
11/6/2017	5:15:00	0	89.802	16	1334.6
11/6/2017	5:30:00	0	89.773	16	1335.8
11/6/2017	5:45:00	0	89.751	16	1334.6
11/6/2017	6:00:00	0	89.798	16	1334.6
11/6/2017	6:15:00	0	89.739	16	1334.6
11/6/2017	6:30:00	0	89.772	16	1334.6
11/6/2017	6:45:00	0	89.774	16	1335.8
11/6/2017	7:00:00	0	89.831	16	1334.6
11/6/2017	7:15:00	0	89.811	16	1334.6
11/6/2017	7:30:00	0	89.812	16	1334.6
11/6/2017	7:45:00	0	89.793	16	1334.6
11/6/2017	8:00:00	0	89.763	16	1335.8
11/6/2017	8:15:00	0	89.814	16	1334.6
11/6/2017	8:30:00	0	89.809	16	1335.8
11/6/2017	8:45:00	0	89.801	16	1334.6
11/6/2017	9:00:00	0	89.753	16	1334.6
11/6/2017	9:15:00	0	89.77	16	1334.6
11/6/2017	9:30:00	0	89.772	16	1334.6
11/6/2017	9:45:00	0	89.812	16	1333.4
11/6/2017	10:00:00	0	89.808	16	1335.8
11/6/2017	10:15:00	0	89.792	16	1335.8
11/6/2017	10:30:00	0	89.772	16	1335.8
11/6/2017	10:45:00	0	89.774	16	1335.8
11/6/2017	11:00:00	0	89.779	16	1333.4
11/6/2017	11:15:00	0	89.766	16	1334.6
11/6/2017	11:30:00	0	89.785	16	1335.8
11/6/2017	11:45:00	0	89.79	16	1334.6
11/6/2017	12:00:00	0	89.758	16	1334.6
11/6/2017	12:15:00	0	89.762	16	1333.4
11/6/2017	12:30:00	0	89.753	16	1333.4
11/6/2017	12:45:00	0	89.8	16	1335.8
11/6/2017	13:00:00	0	89.759	16	1334.6
11/6/2017	13:15:00	0	89.725	16	1334.6
11/6/2017	13:30:00	0	89.769	16	1335.8
11/6/2017	13:45:00	0	89.778	16	1335.8
11/6/2017	14:00:00	0	89.767	16	1335.8
11/6/2017	14:15:00	0	89.789	16	1334.6
11/6/2017	14:30:00	0	89.787	16	1334.6
11/6/2017	14:45:00	0	89.794	16	1335.8
11/6/2017	15:00:00	0	89.796	16	1334.6
11/6/2017	15:15:00	0	89.78	16	1335.8
11/6/2017	15:30:00	0	89.805	16	1335.8
11/6/2017	15:45:00	0	89.788	16	1334.6
11/6/2017	16:00:00	0	89.805	16	1334.6
11/6/2017	16:15:00	0	89.787	16	1334.6
11/6/2017	16:30:00	0	89.807	16	1333.4
11/6/2017	16:45:00	0	89.789	16	1335.8
11/6/2017	17:00:00	0	89.786	16	1334.6
11/6/2017	17:15:00	0	89.787	16	1333.4
11/6/2017	17:30:00	0	89.804	16	1333.4
11/6/2017	17:45:00	0	89.822	16	1334.6
11/6/2017	18:00:00	0	89.821	16	1334.6
11/6/2017	18:15:00	0	89.821	16	1334.6
11/6/2017	18:30:00	0	89.781	16	1334.6
11/6/2017	18:45:00	0	89.776	16	1335.8
11/6/2017	19:00:00	0	89.792	16	1333.4
11/6/2017	19:15:00	0	89.772	16	1335.8
11/6/2017	19:30:00	0	89.825	16	1334.6
11/6/2017	19:45:00	0	89.784	16	1335.8

11/6/2017	20:00:00	0	89.78	16	1334.6
11/6/2017	20:15:00	0	89.782	16	1335.8
11/6/2017	20:30:00	0	89.78	16	1334.6
11/6/2017	20:45:00	0	89.802	16	1335.8
11/6/2017	21:00:00	0	89.783	16	1334.6
11/6/2017	21:15:00	0	89.783	16	1335.8
11/6/2017	21:30:00	0	89.822	16	1334.6
11/6/2017	21:45:00	0	89.82	16	1334.6
11/6/2017	22:00:00	0	89.775	16	1335.8
11/6/2017	22:15:00	0	89.794	16	1334.6
11/6/2017	22:30:00	0	89.766	16	1334.6
11/6/2017	22:45:00	0	89.767	16	1334.6
11/6/2017	23:00:00	0	89.799	16	1333.4
11/6/2017	23:15:00	0	89.758	16	1334.6
11/6/2017	23:30:00	0	89.743	16	1334.6
11/6/2017	23:45:00	0	89.797	16	1335.8
11/7/2017	0:00:00	0	89.756	16	1333.4
11/7/2017	0:15:00	0	89.773	16	1334.6
11/7/2017	0:30:00	0	89.794	16	1333.4
11/7/2017	0:45:00	0	89.734	16	1334.6
11/7/2017	1:00:00	0	89.732	16	1333.4
11/7/2017	1:15:00	0	89.77	16	1333.4
11/7/2017	1:30:00	0	89.773	16	1335.8
11/7/2017	1:45:00	0	89.733	16	1334.6
11/7/2017	2:00:00	0	89.771	16	1334.6
11/7/2017	2:15:00	0	89.744	16	1334.6
11/7/2017	2:30:00	0	89.726	16	1334.6
11/7/2017	2:45:00	0	89.747	16	1334.6
11/7/2017	3:00:00	0	89.753	16	1333.4
11/7/2017	3:15:00	0	89.744	16	1334.6
11/7/2017	3:30:00	0	89.768	16	1334.6
11/7/2017	3:45:00	0	89.768	16	1333.4
11/7/2017	4:00:00	0	89.791	16	1334.6
11/7/2017	4:15:00	0	89.812	16	1334.6
11/7/2017	4:30:00	0	89.792	16	1335.8
11/7/2017	4:45:00	0	89.778	16	1335.8
11/7/2017	5:00:00	0	89.775	16	1334.6
11/7/2017	5:15:00	0	89.765	16	1335.8
11/7/2017	5:30:00	0	89.737	16	1334.6
11/7/2017	5:45:00	0	89.757	16	1334.6
11/7/2017	6:00:00	0	89.815	16	1334.6
11/7/2017	6:15:00	0	89.793	16	1333.4
11/7/2017	6:30:00	0	89.754	16	1334.6
11/7/2017	6:45:00	0	89.772	16	1335.8
11/7/2017	7:00:00	0	89.735	16	1334.6
11/7/2017	7:15:00	0	89.792	16	1335.8
11/7/2017	7:30:00	0	89.795	16	1334.6
11/7/2017	7:45:00	0	89.754	16	1335.8
11/7/2017	8:00:00	0	89.808	16	1335.8
11/7/2017	8:15:00	0	89.762	16	1334.6
11/7/2017	8:30:00	0	89.756	16	1334.6
11/7/2017	8:45:00	0	89.767	16	1335.8
11/7/2017	9:00:00	0	89.74	16	1334.6
11/7/2017	9:15:00	0	89.739	16	1333.4
11/7/2017	9:30:00	0	89.736	16	1333.4
11/7/2017	9:45:00	0	89.737	16	1335.8
11/7/2017	10:00:00	0	89.76	16	1334.6
11/7/2017	10:15:00	0	89.721	16	1333.4
11/7/2017	10:30:00	0	89.745	16	1334.6
11/7/2017	10:45:00	0	89.731	16	1335.8
11/7/2017	11:00:00	0	89.755	16	1333.4
11/7/2017	11:15:00	0	89.717	16	1334.6
11/7/2017	11:30:00	0	89.758	16	1333.4
11/7/2017	11:45:00	0	89.745	16	1334.6
11/7/2017	12:00:00	0	89.768	16	1334.6
11/7/2017	12:15:00	0	89.757	16	1333.4
11/7/2017	12:30:00	0	89.741	16	1335.8
11/7/2017	12:45:00	0	89.751	16	1335.8
11/7/2017	13:00:00	0	89.758	16	1334.6
11/7/2017	13:15:00	0	89.767	16	1335.8
11/7/2017	13:30:00	0	89.736	16	1334.6
11/7/2017	13:45:00	0	89.721	16	1334.6
11/7/2017	14:00:00	0	89.741	16	1335.8
11/7/2017	14:15:00	0	89.759	16	1334.6
11/7/2017	14:30:00	0	89.738	16	1334.6
11/7/2017	14:45:00	0	89.758	16	1334.6
11/7/2017	15:00:00	0	89.756	16	1334.6
11/7/2017	15:15:00	0	89.739	16	1335.8
11/7/2017	15:30:00	0	89.759	16	1333.4
11/7/2017	15:45:00	0	89.745	16	1334.6
11/7/2017	16:00:00	0	89.771	16	1335.8
11/7/2017	16:15:00	0	89.769	16	1334.6
11/7/2017	16:30:00	0	89.752	16	1333.4
11/7/2017	16:45:00	0	89.738	16	1335.8
11/7/2017	17:00:00	0	89.76	16	1335.8
11/7/2017	17:15:00	0	89.76	16	1335.8
11/7/2017	17:30:00	0	89.76	16	1334.6
11/7/2017	17:45:00	0	89.738	16	1333.4
11/7/2017	18:00:00	0	89.762	16	1333.4
11/7/2017	18:15:00	0	89.743	16	1334.6
11/7/2017	18:30:00	0	89.739	16	1333.4
11/7/2017	18:45:00	0	89.743	16	1334.6
11/7/2017	19:00:00	0	89.719	16	1335.8
11/7/2017	19:15:00	0	89.775	16	1334.6
11/7/2017	19:30:00	0	89.769	16	1333.4
11/7/2017	19:45:00	0	89.733	16	1333.4

11/7/2017	20:00:00	0	89.737	16	1333.4
11/7/2017	20:15:00	0	89.712	16	1333.4
11/7/2017	20:30:00	0	89.77	16	1333.4
11/7/2017	20:45:00	0	89.728	16	1334.6
11/7/2017	21:00:00	0	89.727	16	1333.4
11/7/2017	21:15:00	0	89.733	16	1333.4
11/7/2017	21:30:00	0	89.711	16	1334.6
11/7/2017	21:45:00	0	89.729	16	1333.4
11/7/2017	22:00:00	0	89.744	16	1334.6
11/7/2017	22:15:00	0	89.717	16	1334.6
11/7/2017	22:30:00	0	89.749	16	1333.4
11/7/2017	22:45:00	0	89.704	16	1335.8
11/7/2017	23:00:00	0	89.721	16	1335.8
11/7/2017	23:15:00	0	89.724	16	1334.6
11/7/2017	23:30:00	0	89.727	16	1334.6
11/7/2017	23:45:00	0	89.763	16	1333.4
11/8/2017	0:00:00	0	89.726	16	1333.4
11/8/2017	0:15:00	0	89.716	16	1334.6
11/8/2017	0:30:00	0	89.715	16	1336.9
11/8/2017	0:45:00	0	89.718	16	1334.6
11/8/2017	1:00:00	0	89.733	16	1334.6
11/8/2017	1:15:00	0	89.74	16	1334.6
11/8/2017	1:30:00	0	89.765	16	1334.6
11/8/2017	1:45:00	0	89.744	16	1335.8
11/8/2017	2:00:00	0	89.75	16	1333.4
11/8/2017	2:15:00	0	89.759	16	1334.6
11/8/2017	2:30:00	0	89.723	16	1334.6
11/8/2017	2:45:00	0	89.734	16	1335.8
11/8/2017	3:00:00	0	89.776	16	1333.4
11/8/2017	3:15:00	0	89.748	16	1334.6
11/8/2017	3:30:00	0	89.777	16	1333.4
11/8/2017	3:45:00	0	89.758	16	1333.4
11/8/2017	4:00:00	0	89.79	16	1334.6
11/8/2017	4:15:00	0	89.761	16	1335.8
11/8/2017	4:30:00	0	89.784	16	1334.6
11/8/2017	4:45:00	0	89.78	16	1334.6
11/8/2017	5:00:00	0	89.782	16	1335.8
11/8/2017	5:15:00	0	89.764	16	1335.8
11/8/2017	5:30:00	0	89.781	16	1333.4
11/8/2017	5:45:00	0	89.77	16	1334.6
11/8/2017	6:00:00	0	89.771	16	1335.8
11/8/2017	6:15:00	0	89.787	16	1335.8
11/8/2017	6:30:00	0	89.781	16	1334.6
11/8/2017	6:45:00	0	89.754	16	1335.8
11/8/2017	7:00:00	0	89.789	16	1333.4
11/8/2017	7:15:00	0	89.785	16	1334.6
11/8/2017	7:30:00	0	89.779	16	1333.4
11/8/2017	7:45:00	0	89.793	16	1333.4
11/8/2017	8:00:00	0	89.786	16	1334.6
11/8/2017	8:15:00	0	89.804	16	1335.8
11/8/2017	8:30:00	0	89.757	16	1334.6
11/8/2017	8:45:00	0	89.787	16	1334.6
11/8/2017	9:00:00	0	89.747	16	1334.6
11/8/2017	9:15:00	0	89.763	16	1333.4
11/8/2017	9:30:00	0	89.741	16	1335.8
11/8/2017	9:45:00	0	89.759	16	1335.8
11/8/2017	10:00:00	0	89.783	16	1334.6
11/8/2017	10:15:00	0	89.763	16	1334.6
11/8/2017	10:30:00	0	89.77	16	1335.8
11/8/2017	10:45:00	0	89.771	16	1334.6
11/8/2017	11:00:00	0	89.731	16	1334.6
11/8/2017	11:15:00	0	89.767	16	1335.8
11/8/2017	11:30:00	0	89.77	16	1334.6
11/8/2017	11:45:00	0	89.777	16	1335.8
11/8/2017	12:00:00	0	89.764	16	1334.6
11/8/2017	12:15:00	0	89.753	16	1335.8
11/8/2017	12:30:00	0	89.761	16	1335.8
11/8/2017	12:45:00	0	89.791	16	1334.6
11/8/2017	13:00:00	0	89.821	16	1334.6
11/8/2017	13:15:00	0	89.749	16	1335.8
11/8/2017	13:30:00	0	89.761	16	1334.6
11/8/2017	13:45:00	0	89.797	16	1334.6
11/8/2017	14:00:00	0	89.786	16	1334.6
11/8/2017	14:15:00	0	89.773	16	1335.8
11/8/2017	14:30:00	0	89.764	16	1334.6
11/8/2017	14:45:00	0	89.792	16	1335.8
11/8/2017	15:00:00	0	89.792	16	1335.8
11/8/2017	15:15:00	0	89.814	16	1333.4
11/8/2017	15:30:00	0	89.795	16	1334.6
11/8/2017	15:45:00	0	89.802	16	1334.6
11/8/2017	16:00:00	0	89.824	16	1333.4
11/8/2017	16:15:00	0	89.766	16	1334.6
11/8/2017	16:30:00	0	89.77	16	1334.6
11/8/2017	16:45:00	0	89.778	16	1335.8
11/8/2017	17:00:00	0	89.755	16	1335.8
11/8/2017	17:15:00	0	89.8	16	1335.8
11/8/2017	17:30:00	0	89.767	16	1334.6
11/8/2017	17:45:00	0	89.773	16	1334.6
11/8/2017	18:00:00	0	89.734	16	1335.8
11/8/2017	18:15:00	0	89.774	16	1334.6
11/8/2017	18:30:00	0	89.791	16	1335.8
11/8/2017	18:45:00	0	89.773	16	1335.8
11/8/2017	19:00:00	0	89.809	16	1334.6
11/8/2017	19:15:00	0	89.785	16	1335.8
11/8/2017	19:30:00	0	89.758	16	1334.6
11/8/2017	19:45:00	0	89.8	16	1335.8

11/8/2017	20:00:00	0	89.779	16	1334.6
11/8/2017	20:15:00	0	89.766	16	1334.6
11/8/2017	20:30:00	0	89.809	16	1334.6
11/8/2017	20:45:00	0	89.767	16	1334.6
11/8/2017	21:00:00	0	89.744	16	1334.6
11/8/2017	21:15:00	0	89.798	16	1334.6
11/8/2017	21:30:00	0	89.783	16	1335.8
11/8/2017	21:45:00	0	89.754	16	1333.4
11/8/2017	22:00:00	0	89.794	16	1334.6
11/8/2017	22:15:00	0	89.778	16	1334.6
11/8/2017	22:30:00	0	89.812	16	1333.4
11/8/2017	22:45:00	0	89.752	16	1335.8
11/8/2017	23:00:00	0	89.773	16	1334.6
11/8/2017	23:15:00	0	89.772	16	1334.6
11/8/2017	23:30:00	0	89.75	16	1335.8
11/8/2017	23:45:00	0	89.77	16	1334.6

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	
	11/2/2017	0:00:00	0	30.677	15.7	1962.8
	11/2/2017	0:15:00	0	30.713	15.7	1964
	11/2/2017	0:30:00	0	30.712	15.7	1964
	11/2/2017	0:45:00	0	30.731	15.7	1964
	11/2/2017	1:00:00	0	30.754	15.7	1964
	11/2/2017	1:15:00	0	30.735	15.7	1964
	11/2/2017	1:30:00	0	30.739	15.7	1964
	11/2/2017	1:45:00	0	30.736	15.7	1962.8
	11/2/2017	2:00:00	0	30.777	15.7	1964
	11/2/2017	2:15:00	0	30.715	15.7	1964
	11/2/2017	2:30:00	0	30.73	15.7	1964
	11/2/2017	2:45:00	0	30.749	15.7	1964
	11/2/2017	3:00:00	0	30.73	15.7	1964
	11/2/2017	3:15:00	0	30.73	15.7	1964
	11/2/2017	3:30:00	0	30.732	15.7	1962.8
	11/2/2017	3:45:00	0	30.734	15.7	1964
	11/2/2017	4:00:00	0	30.734	15.7	1964
	11/2/2017	4:15:00	0	30.756	15.7	1962.8
	11/2/2017	4:30:00	0	30.735	15.7	1964
	11/2/2017	4:45:00	0	30.753	15.7	1962.8
	11/2/2017	5:00:00	0	30.751	15.7	1964
	11/2/2017	5:15:00	0	30.728	15.7	1966.4
	11/2/2017	5:30:00	0	30.727	15.7	1962.8
	11/2/2017	5:45:00	0	30.764	15.7	1966.4
	11/2/2017	6:00:00	0	30.726	15.7	1964
	11/2/2017	6:15:00	0	30.766	15.7	1962.8
	11/2/2017	6:30:00	0	30.744	15.7	1964
	11/2/2017	6:45:00	0	30.738	15.7	1962.8
	11/2/2017	7:00:00	0	30.735	15.7	1962.8
	11/2/2017	7:15:00	0	30.692	15.7	1964
	11/2/2017	7:30:00	0	30.745	15.7	1964
	11/2/2017	7:45:00	0	30.78	15.7	1964
	11/2/2017	8:00:00	0	30.733	15.7	1962.8
	11/2/2017	8:15:00	0	30.726	15.7	1962.8
	11/2/2017	8:30:00	0	30.715	15.7	1964
	11/2/2017	8:45:00	0	30.668	15.7	1964
	11/2/2017	9:00:00	0	30.725	15.7	1962.8
	11/2/2017	9:15:00	0	30.722	15.7	1964
	11/2/2017	9:30:00	0	30.719	15.7	1964
	11/2/2017	9:45:00	0	30.676	15.7	1964
	11/2/2017	10:00:00	0	30.696	15.7	1964
	11/2/2017	10:15:00	0	30.678	15.7	1962.8
	11/2/2017	10:30:00	0	30.719	15.7	1964
	11/2/2017	10:45:00	0	30.7	15.7	1962.8
	11/2/2017	11:00:00	0	30.702	15.7	1962.8
	11/2/2017	11:15:00	0	30.703	15.7	1964
	11/2/2017	11:30:00	0	30.703	15.7	1962.8
	11/2/2017	11:45:00	0	30.683	15.7	1964
	11/2/2017	12:00:00	0	30.706	15.7	1964
	11/2/2017	12:15:00	0	30.722	15.7	1964
	11/2/2017	12:30:00	0	30.724	15.7	1962.8
	11/2/2017	12:45:00	0	30.746	15.7	1962.8
	11/2/2017	13:00:00	0	30.727	15.7	1962.8
	11/2/2017	13:15:00	0	30.733	15.7	1964
	11/2/2017	13:30:00	0	30.716	15.7	1962.8
	11/2/2017	13:45:00	0	30.754	15.7	1962.8
	11/2/2017	14:00:00	0	30.756	15.7	1962.8
	11/2/2017	14:15:00	0	30.717	15.7	1962.8
	11/2/2017	14:30:00	0	30.718	15.7	1962.8
	11/2/2017	14:45:00	0	30.745	15.7	1962.8
	11/2/2017	15:00:00	0	30.747	15.7	1962.8
	11/2/2017	15:15:00	0	30.724	15.7	1962.8
	11/2/2017	15:30:00	0	30.738	15.7	1962.8
	11/2/2017	15:45:00	0	30.739	15.7	1962.8
	11/2/2017	16:00:00	0	30.718	15.7	1962.8
	11/2/2017	16:15:00	0	30.759	15.7	1962.8
	11/2/2017	16:30:00	0	30.759	15.7	1962.8
	11/2/2017	16:45:00	0	30.721	15.7	1962.8
	11/2/2017	17:00:00	0	30.745	15.7	1961.6
	11/2/2017	17:15:00	0	30.749	15.7	1961.6
	11/2/2017	17:30:00	0	30.69	15.7	1962.8
	11/2/2017	17:45:00	0	30.771	15.7	1962.8
	11/2/2017	18:00:00	0	30.771	15.7	1962.8
	11/2/2017	18:15:00	0	30.75	15.7	1962.8
	11/2/2017	18:30:00	0	30.789	15.7	1962.8
	11/2/2017	18:45:00	0	30.705	15.7	1962.8
	11/2/2017	19:00:00	0	30.739	15.7	1962.8
	11/2/2017	19:15:00	0	30.756	15.7	1962.8
	11/2/2017	19:30:00	0	30.754	15.7	1962.8
	11/2/2017	19:45:00	0	30.735	15.7	1962.8

11/2/2017	20:00:00	0	30.713	15.7	1962.8
11/2/2017	20:15:00	0	30.698	15.7	1962.8
11/2/2017	20:30:00	0	30.701	15.7	1964
11/2/2017	20:45:00	0	30.742	15.7	1962.8
11/2/2017	21:00:00	0	30.761	15.7	1962.8
11/2/2017	21:15:00	0	30.761	15.7	1962.8
11/2/2017	21:30:00	0	30.74	15.7	1962.8
11/2/2017	21:45:00	0	30.735	15.7	1962.8
11/2/2017	22:00:00	0	30.773	15.7	1962.8
11/2/2017	22:15:00	0	30.756	15.7	1962.8
11/2/2017	22:30:00	0	30.717	15.7	1962.8
11/2/2017	22:45:00	0	30.758	15.7	1962.8
11/2/2017	23:00:00	0	30.738	15.7	1962.8
11/2/2017	23:15:00	0	30.774	15.7	1962.8
11/2/2017	23:30:00	0	30.789	15.7	1962.8
11/2/2017	23:45:00	0	30.767	15.7	1962.8
11/3/2017	0:00:00	0	30.728	15.7	1961.6
11/3/2017	0:15:00	0	30.743	15.7	1962.8
11/3/2017	0:30:00	0	30.743	15.7	1962.8
11/3/2017	0:45:00	0	30.702	15.7	1962.8
11/3/2017	1:00:00	0	30.743	15.7	1962.8
11/3/2017	1:15:00	0	30.744	15.7	1962.8
11/3/2017	1:30:00	0	30.687	15.7	1962.8
11/3/2017	1:45:00	0	30.781	15.7	1962.8
11/3/2017	2:00:00	0	30.754	15.7	1962.8
11/3/2017	2:15:00	0	30.777	15.7	1962.8
11/3/2017	2:30:00	0	30.761	15.7	1961.6
11/3/2017	2:45:00	0	30.783	15.7	1961.6
11/3/2017	3:00:00	0	30.771	15.7	1962.8
11/3/2017	3:15:00	0	30.773	15.7	1962.8
11/3/2017	3:30:00	0	30.759	15.7	1962.8
11/3/2017	3:45:00	0	30.779	15.7	1960.5
11/3/2017	4:00:00	0	30.763	15.7	1954.5
11/3/2017	4:15:00	0	30.773	15.7	1960.5
11/3/2017	4:30:00	0	30.729	15.7	1961.6
11/3/2017	4:45:00	0	30.747	15.7	1961.6
11/3/2017	5:00:00	0	30.765	15.7	1962.8
11/3/2017	5:15:00	0	30.787	15.7	1962.8
11/3/2017	5:30:00	0	30.763	15.7	1962.8
11/3/2017	5:45:00	0	30.703	15.7	1961.6
11/3/2017	6:00:00	0	30.744	15.7	1962.8
11/3/2017	6:15:00	0	30.726	15.7	1962.8
11/3/2017	6:30:00	0	30.788	15.7	1962.8
11/3/2017	6:45:00	0	30.728	15.7	1961.6
11/3/2017	7:00:00	0	30.749	15.7	1962.8
11/3/2017	7:15:00	0	30.787	15.7	1964
11/3/2017	7:30:00	0	30.747	15.7	1962.8
11/3/2017	7:45:00	0	30.727	15.7	1962.8
11/3/2017	8:00:00	0	30.763	15.7	1962.8
11/3/2017	8:15:00	0	30.736	15.7	1962.8
11/3/2017	8:30:00	0	30.73	15.7	1961.6
11/3/2017	8:45:00	0	30.725	15.7	1962.8
11/3/2017	9:00:00	0	30.717	15.7	1962.8
11/3/2017	9:15:00	0	30.732	15.7	1962.8
11/3/2017	9:30:00	0	30.728	15.7	1962.8
11/3/2017	9:45:00	0	30.748	15.7	1962.8
11/3/2017	10:00:00	0	30.707	15.7	1962.8
11/3/2017	10:15:00	0	30.723	15.7	1961.6
11/3/2017	10:30:00	0	30.722	15.7	1962.8
11/3/2017	10:45:00	0	30.683	15.7	1962.8
11/3/2017	11:00:00	0	30.744	15.7	1962.8
11/3/2017	11:15:00	0	30.784	15.7	1962.8
11/3/2017	11:30:00	0	30.726	15.7	1962.8
11/3/2017	11:45:00	0	30.711	15.7	1962.8
11/3/2017	12:00:00	0	30.757	15.7	1962.8
11/3/2017	12:15:00	0	30.703	15.7	1962.8
11/3/2017	12:30:00	0	30.709	15.7	1962.8
11/3/2017	12:45:00	0	30.735	15.7	1962.8
11/3/2017	13:00:00	0	30.758	15.7	1962.8
11/3/2017	13:15:00	0	30.758	15.7	1962.8
11/3/2017	13:30:00	0	30.755	15.7	1962.8
11/3/2017	13:45:00	0	30.742	15.7	1962.8
11/3/2017	14:00:00	0	30.753	15.7	1962.8
11/3/2017	14:15:00	0	30.779	15.7	1962.8
11/3/2017	14:30:00	0	30.762	15.7	1962.8
11/3/2017	14:45:00	0	30.804	15.7	1961.6
11/3/2017	15:00:00	0	30.764	15.7	1961.6
11/3/2017	15:15:00	0	30.746	15.7	1962.8
11/3/2017	15:30:00	0	30.764	15.7	1962.8
11/3/2017	15:45:00	0	30.767	15.7	1962.8
11/3/2017	16:00:00	0	30.788	15.7	1962.8
11/3/2017	16:15:00	0	30.8	15.7	1962.8
11/3/2017	16:30:00	0	30.715	15.7	1962.8
11/3/2017	16:45:00	0	30.792	15.7	1961.6
11/3/2017	17:00:00	0	30.775	15.7	1962.8
11/3/2017	17:15:00	0	30.799	15.7	1962.8
11/3/2017	17:30:00	0	30.74	15.7	1962.8
11/3/2017	17:45:00	0	30.754	15.7	1961.6
11/3/2017	18:00:00	0	30.796	15.7	1962.8
11/3/2017	18:15:00	0	30.722	15.7	1962.8
11/3/2017	18:30:00	0	30.757	15.7	1961.6
11/3/2017	18:45:00	0	30.776	15.7	1962.8
11/3/2017	19:00:00	0	30.776	15.7	1962.8
11/3/2017	19:15:00	0	30.773	15.7	1962.8
11/3/2017	19:30:00	0	30.699	15.7	1961.6
11/3/2017	19:45:00	0	30.739	15.7	1961.6

11/3/2017	20:00:00	0	30.721	15.7	1962.8
11/3/2017	20:15:00	0	30.742	15.7	1962.8
11/3/2017	20:30:00	0	30.743	15.7	1961.6
11/3/2017	20:45:00	0	30.781	15.7	1961.6
11/3/2017	21:00:00	0	30.743	15.7	1962.8
11/3/2017	21:15:00	0	30.778	15.7	1962.8
11/3/2017	21:30:00	0	30.776	15.7	1962.8
11/3/2017	21:45:00	0	30.774	15.7	1962.8
11/3/2017	22:00:00	0	30.753	15.7	1962.8
11/3/2017	22:15:00	0	30.752	15.7	1962.8
11/3/2017	22:30:00	0	30.728	15.7	1961.6
11/3/2017	22:45:00	0	30.768	15.7	1962.8
11/3/2017	23:00:00	0	30.711	15.7	1962.8
11/3/2017	23:15:00	0	30.735	15.7	1962.8
11/3/2017	23:30:00	0	30.778	15.7	1962.8
11/3/2017	23:45:00	0	30.759	15.7	1961.6
11/4/2017	0:00:00	0	30.762	15.7	1961.6
11/4/2017	0:15:00	0	30.721	15.7	1961.6
11/4/2017	0:30:00	0	30.797	15.7	1961.6
11/4/2017	0:45:00	0	30.772	15.7	1961.6
11/4/2017	1:00:00	0	30.78	15.7	1962.8
11/4/2017	1:15:00	0	30.759	15.7	1962.8
11/4/2017	1:30:00	0	30.753	15.7	1961.6
11/4/2017	1:45:00	0	30.739	15.7	1962.8
11/4/2017	2:00:00	0	30.76	15.7	1962.8
11/4/2017	2:15:00	0	30.796	15.7	1961.6
11/4/2017	2:30:00	0	30.778	15.7	1961.6
11/4/2017	2:45:00	0	30.798	15.7	1961.6
11/4/2017	3:00:00	0	30.76	15.7	1961.6
11/4/2017	3:15:00	0	30.762	15.7	1961.6
11/4/2017	3:30:00	0	30.744	15.7	1961.6
11/4/2017	3:45:00	0	30.763	15.7	1961.6
11/4/2017	4:00:00	0	30.787	15.7	1959.3
11/4/2017	4:15:00	0	30.772	15.7	1952.2
11/4/2017	4:30:00	0	30.773	15.7	1955.7
11/4/2017	4:45:00	0	30.792	15.7	1952.2
11/4/2017	5:00:00	0	30.773	15.7	1953.3
11/4/2017	5:15:00	0	30.814	15.7	1949.8
11/4/2017	5:30:00	0	30.771	15.7	1956.9
11/4/2017	5:45:00	0	30.772	15.7	1952.2
11/4/2017	6:00:00	0	30.787	15.7	1955.7
11/4/2017	6:15:00	0	30.764	15.7	1948.6
11/4/2017	6:30:00	0	30.7	15.7	1948.6
11/4/2017	6:45:00	0	30.721	15.7	1952.2
11/4/2017	7:00:00	0	30.724	15.7	1949.8
11/4/2017	7:15:00	0	30.78	15.7	1955.7
11/4/2017	7:30:00	0	30.763	15.7	1959.3
11/4/2017	7:45:00	0	30.756	15.7	1959.3
11/4/2017	8:00:00	0	30.753	15.7	1961.6
11/4/2017	8:15:00	0	30.79	15.7	1962.8
11/4/2017	8:30:00	0	30.704	15.7	1961.6
11/4/2017	8:45:00	0	30.714	15.7	1962.8
11/4/2017	9:00:00	0	30.724	15.7	1961.6
11/4/2017	9:15:00	0	30.721	15.7	1961.6
11/4/2017	9:30:00	0	30.717	15.7	1961.6
11/4/2017	9:45:00	0	30.733	15.7	1962.8
11/4/2017	10:00:00	0	30.772	15.7	1962.8
11/4/2017	10:15:00	0	30.728	15.7	1962.8
11/4/2017	10:30:00	0	30.731	15.7	1961.6
11/4/2017	10:45:00	0	30.715	15.7	1962.8
11/4/2017	11:00:00	0	30.758	15.7	1962.8
11/4/2017	11:15:00	0	30.758	15.7	1962.8
11/4/2017	11:30:00	0	30.739	15.7	1962.8
11/4/2017	11:45:00	0	30.764	15.7	1961.6
11/4/2017	12:00:00	0	30.791	15.7	1962.8
11/4/2017	12:15:00	0	30.733	15.7	1961.6
11/4/2017	12:30:00	0	30.749	15.7	1962.8
11/4/2017	12:45:00	0	30.774	15.7	1962.8
11/4/2017	13:00:00	0	30.737	15.7	1962.8
11/4/2017	13:15:00	0	30.778	15.7	1962.8
11/4/2017	13:30:00	0	30.74	15.7	1962.8
11/4/2017	13:45:00	0	30.747	15.7	1962.8
11/4/2017	14:00:00	0	30.791	15.7	1962.8
11/4/2017	14:15:00	0	30.795	15.7	1962.8
11/4/2017	14:30:00	0	30.776	15.7	1962.8
11/4/2017	14:45:00	0	30.757	15.7	1962.8
11/4/2017	15:00:00	0	30.775	15.7	1961.6
11/4/2017	15:15:00	0	30.793	15.7	1962.8
11/4/2017	15:30:00	0	30.77	15.7	1962.8
11/4/2017	15:45:00	0	30.712	15.7	1961.6
11/4/2017	16:00:00	0	30.729	15.7	1961.6
11/4/2017	16:15:00	0	30.748	15.7	1962.8
11/4/2017	16:30:00	0	30.747	15.7	1962.8
11/4/2017	16:45:00	0	30.766	15.7	1962.8
11/4/2017	17:00:00	0	30.749	15.7	1962.8
11/4/2017	17:15:00	0	30.73	15.7	1962.8
11/4/2017	17:30:00	0	30.75	15.7	1962.8
11/4/2017	17:45:00	0	30.768	15.7	1962.8
11/4/2017	18:00:00	0	30.73	15.7	1961.6
11/4/2017	18:15:00	0	30.765	15.7	1962.8
11/4/2017	18:30:00	0	30.766	15.7	1962.8
11/4/2017	18:45:00	0	30.744	15.7	1961.6
11/4/2017	19:00:00	0	30.774	15.7	1961.6
11/4/2017	19:15:00	0	30.769	15.7	1961.6
11/4/2017	19:30:00	0	30.763	15.7	1962.8
11/4/2017	19:45:00	0	30.741	15.7	1962.8

11/4/2017	20:00:00	0	30.734	15.7	1961.6
11/4/2017	20:15:00	0	30.767	15.7	1962.8
11/4/2017	20:30:00	0	30.699	15.7	1962.8
11/4/2017	20:45:00	0	30.719	15.7	1962.8
11/4/2017	21:00:00	0	30.713	15.7	1961.6
11/4/2017	21:15:00	0	30.748	15.7	1962.8
11/4/2017	21:30:00	0	30.744	15.7	1962.8
11/4/2017	21:45:00	0	30.74	15.7	1961.6
11/4/2017	22:00:00	0	30.696	15.7	1961.6
11/4/2017	22:15:00	0	30.711	15.7	1962.8
11/4/2017	22:30:00	0	30.729	15.7	1962.8
11/4/2017	22:45:00	0	30.743	15.7	1961.6
11/4/2017	23:00:00	0	30.702	15.7	1961.6
11/4/2017	23:15:00	0	30.742	15.7	1961.6
11/4/2017	23:30:00	0	30.701	15.7	1962.8
11/4/2017	23:45:00	0	30.74	15.7	1962.8
11/5/2017	0:00:00	0	30.718	15.7	1961.6
11/5/2017	0:15:00	0	30.734	15.7	1961.6
11/5/2017	0:30:00	0	30.774	15.7	1962.8
11/5/2017	0:45:00	0	30.748	15.7	1961.6
11/5/2017	1:00:00	0	30.728	15.7	1962.8
11/5/2017	1:15:00	0	30.705	15.7	1961.6
11/5/2017	1:30:00	0	30.706	15.7	1961.6
11/5/2017	1:45:00	0	30.722	15.7	1962.8
11/5/2017	2:00:00	0	30.72	15.7	1962.8
11/5/2017	2:15:00	0	30.759	15.7	1961.6
11/5/2017	2:30:00	0	30.741	15.7	1962.8
11/5/2017	2:45:00	0	30.762	15.7	1961.6
11/5/2017	3:00:00	0	30.703	15.7	1962.8
11/5/2017	3:15:00	0	30.723	15.7	1961.6
11/5/2017	3:30:00	0	30.742	15.7	1962.8
11/5/2017	3:45:00	0	30.703	15.7	1962.8
11/5/2017	4:00:00	0	30.704	15.7	1960.5
11/5/2017	4:15:00	0	30.741	15.7	1962.8
11/5/2017	4:30:00	0	30.74	15.7	1961.6
11/5/2017	4:45:00	0	30.738	15.7	1962.8
11/5/2017	5:00:00	0	30.796	15.7	1962.8
11/5/2017	5:15:00	0	30.775	15.7	1961.6
11/5/2017	5:30:00	0	30.755	15.7	1961.6
11/5/2017	5:45:00	0	30.75	15.7	1961.6
11/5/2017	6:00:00	0	30.748	15.7	1962.8
11/5/2017	6:15:00	0	30.705	15.7	1962.8
11/5/2017	6:30:00	0	30.725	15.7	1961.6
11/5/2017	6:45:00	0	30.759	15.7	1962.8
11/5/2017	7:00:00	0	30.756	15.7	1962.8
11/5/2017	7:15:00	0	30.735	15.7	1962.8
11/5/2017	7:30:00	0	30.732	15.7	1962.8
11/5/2017	7:45:00	0	30.75	15.7	1962.8
11/5/2017	8:00:00	0	30.743	15.7	1962.8
11/5/2017	8:15:00	0	30.757	15.7	1962.8
11/5/2017	8:30:00	0	30.733	15.7	1962.8
11/5/2017	8:45:00	0	30.712	15.7	1962.8
11/5/2017	9:00:00	0	30.745	15.7	1962.8
11/5/2017	9:15:00	0	30.679	15.7	1962.8
11/5/2017	9:30:00	0	30.692	15.7	1962.8
11/5/2017	9:45:00	0	30.748	15.7	1961.6
11/5/2017	10:00:00	0	30.722	15.7	1962.8
11/5/2017	10:15:00	0	30.742	15.7	1962.8
11/5/2017	10:30:00	0	30.76	15.7	1962.8
11/5/2017	10:45:00	0	30.741	15.7	1961.6
11/5/2017	11:00:00	0	30.761	15.7	1961.6
11/5/2017	11:15:00	0	30.742	15.7	1961.6
11/5/2017	11:30:00	0	30.722	15.7	1962.8
11/5/2017	11:45:00	0	30.725	15.7	1962.8
11/5/2017	12:00:00	0	30.71	15.7	1962.8
11/5/2017	12:15:00	0	30.759	15.7	1961.6
11/5/2017	12:30:00	0	30.806	15.7	1962.8
11/5/2017	12:45:00	0	30.767	15.7	1962.8
11/5/2017	13:00:00	0	30.736	15.7	1962.8
11/5/2017	13:15:00	0	30.786	15.7	1961.6
11/5/2017	13:30:00	0	30.773	15.7	1962.8
11/5/2017	13:45:00	0	30.777	15.7	1962.8
11/5/2017	14:00:00	0	30.742	15.7	1961.6
11/5/2017	14:15:00	0	30.768	15.7	1962.8
11/5/2017	14:30:00	0	30.732	15.7	1961.6
11/5/2017	14:45:00	0	30.754	15.7	1961.6
11/5/2017	15:00:00	0	30.798	15.7	1961.6
11/5/2017	15:15:00	0	30.781	15.7	1962.8
11/5/2017	15:30:00	0	30.745	15.7	1962.8
11/5/2017	15:45:00	0	30.788	15.7	1961.6
11/5/2017	16:00:00	0	30.769	15.7	1962.8
11/5/2017	16:15:00	0	30.771	15.7	1962.8
11/5/2017	16:30:00	0	30.731	15.7	1962.8
11/5/2017	16:45:00	0	30.791	15.7	1962.8
11/5/2017	17:00:00	0	30.778	15.7	1962.8
11/5/2017	17:15:00	0	30.818	15.7	1962.8
11/5/2017	17:30:00	0	30.759	15.7	1961.6
11/5/2017	17:45:00	0	30.778	15.7	1962.8
11/5/2017	18:00:00	0	30.763	15.7	1961.6
11/5/2017	18:15:00	0	30.761	15.7	1961.6
11/5/2017	18:30:00	0	30.798	15.7	1962.8
11/5/2017	18:45:00	0	30.777	15.7	1961.6
11/5/2017	19:00:00	0	30.776	15.7	1962.8
11/5/2017	19:15:00	0	30.774	15.7	1961.6
11/5/2017	19:30:00	0	30.813	15.7	1962.8
11/5/2017	19:45:00	0	30.775	15.7	1961.6

11/5/2017	20:00:00	0	30.775	15.7	1962.8
11/5/2017	20:15:00	0	30.794	15.7	1962.8
11/5/2017	20:30:00	0	30.749	15.7	1961.6
11/5/2017	20:45:00	0	30.75	15.7	1961.6
11/5/2017	21:00:00	0	30.727	15.7	1962.8
11/5/2017	21:15:00	0	30.746	15.7	1961.6
11/5/2017	21:30:00	0	30.742	15.7	1961.6
11/5/2017	21:45:00	0	30.741	15.7	1962.8
11/5/2017	22:00:00	0	30.713	15.7	1962.8
11/5/2017	22:15:00	0	30.751	15.7	1962.8
11/5/2017	22:30:00	0	30.769	15.7	1961.6
11/5/2017	22:45:00	0	30.709	15.7	1962.8
11/5/2017	23:00:00	0	30.771	15.7	1961.6
11/5/2017	23:15:00	0	30.765	15.7	1962.8
11/5/2017	23:30:00	0	30.785	15.7	1961.6
11/5/2017	23:45:00	0	30.747	15.7	1961.6
11/6/2017	0:00:00	0	30.766	15.7	1961.6
11/6/2017	0:15:00	0	30.744	15.7	1962.8
11/6/2017	0:30:00	0	30.77	15.7	1961.6
11/6/2017	0:45:00	0	30.735	15.7	1961.6
11/6/2017	1:00:00	0	30.73	15.7	1962.8
11/6/2017	1:15:00	0	30.749	15.7	1961.6
11/6/2017	1:30:00	0	30.75	15.7	1962.8
11/6/2017	1:45:00	0	30.767	15.7	1961.6
11/6/2017	2:00:00	0	30.766	15.7	1962.8
11/6/2017	2:15:00	0	30.739	15.7	1962.8
11/6/2017	2:30:00	0	30.768	15.7	1961.6
11/6/2017	2:45:00	0	30.769	15.7	1961.6
11/6/2017	3:00:00	0	30.749	15.7	1962.8
11/6/2017	3:15:00	0	30.791	15.7	1961.6
11/6/2017	3:30:00	0	30.751	15.7	1961.6
11/6/2017	3:45:00	0	30.791	15.7	1962.8
11/6/2017	4:00:00	0	30.793	15.7	1961.6
11/6/2017	4:15:00	0	30.791	15.7	1961.6
11/6/2017	4:30:00	0	30.747	15.7	1961.6
11/6/2017	4:45:00	0	30.803	15.7	1962.8
11/6/2017	5:00:00	0	30.766	15.7	1961.6
11/6/2017	5:15:00	0	30.766	15.7	1961.6
11/6/2017	5:30:00	0	30.797	15.7	1961.6
11/6/2017	5:45:00	0	30.736	15.7	1961.6
11/6/2017	6:00:00	0	30.762	15.7	1962.8
11/6/2017	6:15:00	0	30.802	15.7	1962.8
11/6/2017	6:30:00	0	30.756	15.7	1962.8
11/6/2017	6:45:00	0	30.758	15.7	1962.8
11/6/2017	7:00:00	0	30.737	15.7	1962.8
11/6/2017	7:15:00	0	30.756	15.7	1962.8
11/6/2017	7:30:00	0	30.757	15.7	1961.6
11/6/2017	7:45:00	0	30.797	15.7	1961.6
11/6/2017	8:00:00	0	30.767	15.7	1961.6
11/6/2017	8:15:00	0	30.818	15.7	1961.6
11/6/2017	8:30:00	0	30.774	15.7	1961.6
11/6/2017	8:45:00	0	30.766	15.7	1962.8
11/6/2017	9:00:00	0	30.757	15.7	1962.8
11/6/2017	9:15:00	0	30.735	15.7	1962.8
11/6/2017	9:30:00	0	30.737	15.7	1961.6
11/6/2017	9:45:00	0	30.737	15.7	1962.8
11/6/2017	10:00:00	0	30.753	15.7	1962.8
11/6/2017	10:15:00	0	30.757	15.7	1961.6
11/6/2017	10:30:00	0	30.757	15.7	1962.8
11/6/2017	10:45:00	0	30.759	15.7	1961.6
11/6/2017	11:00:00	0	30.783	15.7	1962.8
11/6/2017	11:15:00	0	30.769	15.7	1961.6
11/6/2017	11:30:00	0	30.75	15.7	1961.6
11/6/2017	11:45:00	0	30.775	15.7	1962.8
11/6/2017	12:00:00	0	30.762	15.7	1962.8
11/6/2017	12:15:00	0	30.805	15.7	1961.6
11/6/2017	12:30:00	0	30.777	15.7	1961.6
11/6/2017	12:45:00	0	30.784	15.7	1961.6
11/6/2017	13:00:00	0	30.783	15.7	1961.6
11/6/2017	13:15:00	0	30.847	15.7	1961.6
11/6/2017	13:30:00	0	30.793	15.7	1962.8
11/6/2017	13:45:00	0	30.802	15.7	1961.6
11/6/2017	14:00:00	0	30.79	15.7	1962.8
11/6/2017	14:15:00	0	30.774	15.7	1962.8
11/6/2017	14:30:00	0	30.772	15.7	1962.8
11/6/2017	14:45:00	0	30.818	15.7	1961.6
11/6/2017	15:00:00	0	30.82	15.7	1962.8
11/6/2017	15:15:00	0	30.784	15.7	1961.6
11/6/2017	15:30:00	0	30.79	15.7	1961.6
11/6/2017	15:45:00	0	30.811	15.7	1961.6
11/6/2017	16:00:00	0	30.809	15.7	1961.6
11/6/2017	16:15:00	0	30.771	15.7	1962.8
11/6/2017	16:30:00	0	30.792	15.7	1962.8
11/6/2017	16:45:00	0	30.812	15.7	1961.6
11/6/2017	17:00:00	0	30.809	15.7	1961.6
11/6/2017	17:15:00	0	30.732	15.7	1961.6
11/6/2017	17:30:00	0	30.828	15.7	1962.8
11/6/2017	17:45:00	0	30.747	15.7	1961.6
11/6/2017	18:00:00	0	30.786	15.7	1961.6
11/6/2017	18:15:00	0	30.786	15.7	1961.6
11/6/2017	18:30:00	0	30.765	15.7	1961.6
11/6/2017	18:45:00	0	30.76	15.7	1962.8
11/6/2017	19:00:00	0	30.777	15.7	1962.8
11/6/2017	19:15:00	0	30.756	15.7	1961.6
11/6/2017	19:30:00	0	30.75	15.7	1961.6
11/6/2017	19:45:00	0	30.729	15.7	1961.6

11/6/2017	20:00:00	0	30.725	15.7	1962.8
11/6/2017	20:15:00	0	30.786	15.7	1962.8
11/6/2017	20:30:00	0	30.725	15.7	1962.8
11/6/2017	20:45:00	0	30.747	15.7	1961.6
11/6/2017	21:00:00	0	30.728	15.7	1961.6
11/6/2017	21:15:00	0	30.748	15.7	1961.6
11/6/2017	21:30:00	0	30.747	15.7	1961.6
11/6/2017	21:45:00	0	30.765	15.7	1961.6
11/6/2017	22:00:00	0	30.779	15.7	1961.6
11/6/2017	22:15:00	0	30.759	15.7	1961.6
11/6/2017	22:30:00	0	30.711	15.7	1961.6
11/6/2017	22:45:00	0	30.752	15.7	1961.6
11/6/2017	23:00:00	0	30.744	15.7	1961.6
11/6/2017	23:15:00	0	30.743	15.7	1961.6
11/6/2017	23:30:00	0	30.747	15.7	1961.6
11/6/2017	23:45:00	0	30.742	15.7	1961.6
11/7/2017	0:00:00	0	30.76	15.7	1961.6
11/7/2017	0:15:00	0	30.718	15.7	1961.6
11/7/2017	0:30:00	0	30.778	15.7	1961.6
11/7/2017	0:45:00	0	30.777	15.7	1961.6
11/7/2017	1:00:00	0	30.795	15.7	1961.6
11/7/2017	1:15:00	0	30.754	15.7	1961.6
11/7/2017	1:30:00	0	30.777	15.7	1960.5
11/7/2017	1:45:00	0	30.776	15.7	1956.9
11/7/2017	2:00:00	0	30.755	15.7	1947.4
11/7/2017	2:15:00	0	30.728	15.7	1953.3
11/7/2017	2:30:00	0	30.75	15.7	1954.5
11/7/2017	2:45:00	0	30.79	15.7	1954.5
11/7/2017	3:00:00	0	30.776	15.7	1952.2
11/7/2017	3:15:00	0	30.768	15.7	1952.2
11/7/2017	3:30:00	0	30.811	15.7	1953.3
11/7/2017	3:45:00	0	30.811	15.7	1954.5
11/7/2017	4:00:00	0	30.756	15.7	1955.7
11/7/2017	4:15:00	0	30.796	15.7	1956.9
11/7/2017	4:30:00	0	30.777	15.7	1956.9
11/7/2017	4:45:00	0	30.782	15.7	1949.8
11/7/2017	5:00:00	0	30.798	15.7	1961.6
11/7/2017	5:15:00	0	30.808	15.7	1962.8
11/7/2017	5:30:00	0	30.761	15.7	1961.6
11/7/2017	5:45:00	0	30.78	15.7	1961.6
11/7/2017	6:00:00	0	30.799	15.7	1961.6
11/7/2017	6:15:00	0	30.758	15.7	1962.8
11/7/2017	6:30:00	0	30.777	15.7	1961.6
11/7/2017	6:45:00	0	30.816	15.7	1961.6
11/7/2017	7:00:00	0	30.759	15.7	1961.6
11/7/2017	7:15:00	0	30.757	15.7	1961.6
11/7/2017	7:30:00	0	30.76	15.7	1961.6
11/7/2017	7:45:00	0	30.817	15.7	1961.6
11/7/2017	8:00:00	0	30.772	15.7	1961.6
11/7/2017	8:15:00	0	30.747	15.7	1961.6
11/7/2017	8:30:00	0	30.819	15.7	1961.6
11/7/2017	8:45:00	0	30.791	15.7	1961.6
11/7/2017	9:00:00	0	30.803	15.7	1961.6
11/7/2017	9:15:00	0	30.763	15.7	1961.6
11/7/2017	9:30:00	0	30.799	15.7	1961.6
11/7/2017	9:45:00	0	30.761	15.7	1962.8
11/7/2017	10:00:00	0	30.726	15.7	1961.6
11/7/2017	10:15:00	0	30.744	15.7	1962.8
11/7/2017	10:30:00	0	30.769	15.7	1961.6
11/7/2017	10:45:00	0	30.754	15.7	1961.6
11/7/2017	11:00:00	0	30.74	15.7	1961.6
11/7/2017	11:15:00	0	30.76	15.7	1961.6
11/7/2017	11:30:00	0	30.762	15.7	1961.6
11/7/2017	11:45:00	0	30.768	15.7	1962.8
11/7/2017	12:00:00	0	30.792	15.7	1962.8
11/7/2017	12:15:00	0	30.839	15.7	1961.6
11/7/2017	12:30:00	0	30.804	15.7	1961.6
11/7/2017	12:45:00	0	30.814	15.7	1961.6
11/7/2017	13:00:00	0	30.801	15.7	1961.6
11/7/2017	13:15:00	0	30.81	15.7	1961.6
11/7/2017	13:30:00	0	30.799	15.7	1961.6
11/7/2017	13:45:00	0	30.804	15.7	1961.6
11/7/2017	14:00:00	0	30.843	15.7	1961.6
11/7/2017	14:15:00	0	30.842	15.7	1961.6
11/7/2017	14:30:00	0	30.84	15.7	1961.6
11/7/2017	14:45:00	0	30.762	15.7	1961.6
11/7/2017	15:00:00	0	30.8	15.7	1961.6
11/7/2017	15:15:00	0	30.802	15.7	1961.6
11/7/2017	15:30:00	0	30.822	15.7	1962.8
11/7/2017	15:45:00	0	30.768	15.7	1962.8
11/7/2017	16:00:00	0	30.815	15.7	1961.6
11/7/2017	16:15:00	0	30.793	15.7	1961.6
11/7/2017	16:30:00	0	30.815	15.7	1961.6
11/7/2017	16:45:00	0	30.821	15.7	1961.6
11/7/2017	17:00:00	0	30.783	15.7	1962.8
11/7/2017	17:15:00	0	30.803	15.7	1961.6
11/7/2017	17:30:00	0	30.764	15.7	1962.8
11/7/2017	17:45:00	0	30.781	15.7	1961.6
11/7/2017	18:00:00	0	30.785	15.7	1962.8
11/7/2017	18:15:00	0	30.786	15.7	1962.8
11/7/2017	18:30:00	0	30.822	15.7	1961.6
11/7/2017	18:45:00	0	30.806	15.7	1961.6
11/7/2017	19:00:00	0	30.763	15.7	1962.8
11/7/2017	19:15:00	0	30.799	15.7	1962.8
11/7/2017	19:30:00	0	30.773	15.7	1962.8
11/7/2017	19:45:00	0	30.776	15.7	1961.6

11/7/2017	20:00:00	0	30.78	15.7	1961.6
11/7/2017	20:15:00	0	30.795	15.7	1962.8
11/7/2017	20:30:00	0	30.774	15.7	1961.6
11/7/2017	20:45:00	0	30.771	15.7	1961.6
11/7/2017	21:00:00	0	30.81	15.7	1961.6
11/7/2017	21:15:00	0	30.776	15.7	1961.6
11/7/2017	21:30:00	0	30.794	15.7	1961.6
11/7/2017	21:45:00	0	30.792	15.7	1962.8
11/7/2017	22:00:00	0	30.807	15.7	1961.6
11/7/2017	22:15:00	0	30.78	15.7	1962.8
11/7/2017	22:30:00	0	30.734	15.7	1962.8
11/7/2017	22:45:00	0	30.728	15.7	1962.8
11/7/2017	23:00:00	0	30.784	15.7	1962.8
11/7/2017	23:15:00	0	30.728	15.7	1962.8
11/7/2017	23:30:00	0	30.77	15.7	1961.6
11/7/2017	23:45:00	0	30.767	15.7	1961.6
11/8/2017	0:00:00	0	30.769	15.7	1962.8
11/8/2017	0:15:00	0	30.799	15.7	1962.8
11/8/2017	0:30:00	0	30.778	15.7	1961.6
11/8/2017	0:45:00	0	30.781	15.7	1961.6
11/8/2017	1:00:00	0	30.756	15.7	1961.6
11/8/2017	1:15:00	0	30.763	15.7	1961.6
11/8/2017	1:30:00	0	30.789	15.7	1961.6
11/8/2017	1:45:00	0	30.787	15.7	1961.6
11/8/2017	2:00:00	0	30.793	15.7	1961.6
11/8/2017	2:15:00	0	30.782	15.7	1961.6
11/8/2017	2:30:00	0	30.786	15.7	1961.6
11/8/2017	2:45:00	0	30.778	15.7	1961.6
11/8/2017	3:00:00	0	30.799	15.7	1961.6
11/8/2017	3:15:00	0	30.831	15.7	1961.6
11/8/2017	3:30:00	0	30.801	15.7	1961.6
11/8/2017	3:45:00	0	30.821	15.7	1962.8
11/8/2017	4:00:00	0	30.853	15.7	1961.6
11/8/2017	4:15:00	0	30.824	15.7	1961.6
11/8/2017	4:30:00	0	30.867	15.7	1961.6
11/8/2017	4:45:00	0	30.824	15.7	1961.6
11/8/2017	5:00:00	0	30.865	15.7	1961.6
11/8/2017	5:15:00	0	30.827	15.7	1962.8
11/8/2017	5:30:00	0	30.844	15.7	1962.8
11/8/2017	5:45:00	0	30.794	15.7	1962.8
11/8/2017	6:00:00	0	30.795	15.7	1962.8
11/8/2017	6:15:00	0	30.87	15.7	1961.6
11/8/2017	6:30:00	0	30.824	15.7	1961.6
11/8/2017	6:45:00	0	30.817	15.7	1961.6
11/8/2017	7:00:00	0	30.812	15.7	1961.6
11/8/2017	7:15:00	0	30.828	15.7	1961.6
11/8/2017	7:30:00	0	30.802	15.7	1961.6
11/8/2017	7:45:00	0	30.797	15.7	1962.8
11/8/2017	8:00:00	0	30.79	15.7	1961.6
11/8/2017	8:15:00	0	30.729	15.7	1961.6
11/8/2017	8:30:00	0	30.761	15.7	1961.6
11/8/2017	8:45:00	0	30.732	15.7	1961.6
11/8/2017	9:00:00	0	30.77	15.7	1961.6
11/8/2017	9:15:00	0	30.748	15.7	1961.6
11/8/2017	9:30:00	0	30.784	15.7	1961.6
11/8/2017	9:45:00	0	30.783	15.7	1961.6
11/8/2017	10:00:00	0	30.767	15.7	1961.6
11/8/2017	10:15:00	0	30.748	15.7	1961.6
11/8/2017	10:30:00	0	30.794	15.7	1961.6
11/8/2017	10:45:00	0	30.815	15.7	1961.6
11/8/2017	11:00:00	0	30.755	15.7	1962.8
11/8/2017	11:15:00	0	30.752	15.7	1961.6
11/8/2017	11:30:00	0	30.774	15.7	1961.6
11/8/2017	11:45:00	0	30.762	15.7	1961.6
11/8/2017	12:00:00	0	30.807	15.7	1961.6
11/8/2017	12:15:00	0	30.836	15.7	1961.6
11/8/2017	12:30:00	0	30.804	15.7	1961.6
11/8/2017	12:45:00	0	30.834	15.7	1961.6
11/8/2017	13:00:00	0	30.825	15.7	1961.6
11/8/2017	13:15:00	0	30.831	15.7	1961.6
11/8/2017	13:30:00	0	30.883	15.7	1962.8
11/8/2017	13:45:00	0	30.86	15.7	1962.8
11/8/2017	14:00:00	0	30.79	15.7	1961.6
11/8/2017	14:15:00	0	30.836	15.7	1962.8
11/8/2017	14:30:00	0	30.866	15.7	1962.8
11/8/2017	14:45:00	0	30.874	15.7	1961.6
11/8/2017	15:00:00	0	30.815	15.7	1961.6
11/8/2017	15:15:00	0	30.838	15.7	1961.6
11/8/2017	15:30:00	0	30.838	15.7	1962.8
11/8/2017	15:45:00	0	30.825	15.7	1962.8
11/8/2017	16:00:00	0	30.868	15.7	1962.8
11/8/2017	16:15:00	0	30.849	15.7	1961.6
11/8/2017	16:30:00	0	30.833	15.7	1961.6
11/8/2017	16:45:00	0	30.822	15.7	1961.6
11/8/2017	17:00:00	0	30.819	15.7	1961.6
11/8/2017	17:15:00	0	30.804	15.7	1961.6
11/8/2017	17:30:00	0	30.831	15.7	1961.6
11/8/2017	17:45:00	0	30.817	15.7	1962.8
11/8/2017	18:00:00	0	30.837	15.7	1961.6
11/8/2017	18:15:00	0	30.838	15.7	1961.6
11/8/2017	18:30:00	0	30.775	15.7	1962.8
11/8/2017	18:45:00	0	30.817	15.7	1961.6
11/8/2017	19:00:00	0	30.793	15.7	1961.6
11/8/2017	19:15:00	0	30.769	15.7	1961.6
11/8/2017	19:30:00	0	30.841	15.7	1961.6
11/8/2017	19:45:00	0	30.804	15.7	1961.6

11/8/2017	20:00:00	0	30.803	15.7	1962.8
11/8/2017	20:15:00	0	30.79	15.7	1961.6
11/8/2017	20:30:00	0	30.773	15.7	1962.8
11/8/2017	20:45:00	0	30.791	15.7	1962.8
11/8/2017	21:00:00	0	30.807	15.7	1961.6
11/8/2017	21:15:00	0	30.782	15.7	1961.6
11/8/2017	21:30:00	0	30.787	15.7	1962.8
11/8/2017	21:45:00	0	30.778	15.7	1962.8
11/8/2017	22:00:00	0	30.818	15.7	1961.6
11/8/2017	22:15:00	0	30.762	15.7	1962.8
11/8/2017	22:30:00	0	30.816	15.7	1961.6
11/8/2017	22:45:00	0	30.776	15.7	1961.6
11/8/2017	23:00:00	0	30.797	15.7	1962.8
11/8/2017	23:15:00	0	30.776	15.7	1961.6
11/8/2017	23:30:00	0	30.754	15.7	1961.6
11/8/2017	23:45:00	0	30.794	15.7	1961.6

Report Date: 11/10/2017 8:46
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_2017-11-09_12-44-37-872-BaroMerge.ws
Create Date 11/10/2017 8:36

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 12:14 Log Download - Used Battery: 3% Used Memory: 3% User Name: AVanHaitsma 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: AVanHaitsma 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: AVanHaitsma 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: AVanHaitsma 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: AVanHaitsma 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: 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 10:04 Log Download - Used Battery: 6% Used Memory: 10% 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 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: AVanHaitsma 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: AVanHaitsma 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: 11% Used Memory: 15% User Name: AVanHaitsma 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: AVanHaitsma 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: AVanHaitsma 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: AVanHaitsma 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: AVanHaitsma 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: AVanHaitsma 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: AVanHaitsma 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: AVanHaitsma 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: AVanHaitsma 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: AVanHaitsma Interval - Start Time: 11/1/2017 10:00:00 PM Stop Time: 11/9/2017 2:00:00 PM
11/10/2017 8:36 User Note: "Pressure & Level adjusted by baro data from: "MPWSP Barotroll_2017-11-09_18-08-51-172.wsl""

Log Data:
Record Count 735

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

Time Zone: Pacific Daylight Time/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: PCTD(A) 658.7ft SNR: 483472	Sensor: PCTD(A) 658.7ft SNR: 483472	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 (ppt)	Resistivity (ohm-cm)	Water Density (g/cm3)	Barometric Pressure (PSI)	
Date and Time	Elapsed Time Seconds											
11/2/2017 0:00	7200	116.95	20.417	266.565	4671.967	5120.196	2.786	3.482	214.043	1	14.716	
11/2/2017 0:15	8100	116.968	20.409	266.605	4670.784	5119.751	2.786	3.481	214.097	1	14.716	
11/2/2017 0:30	9000	116.933	20.426	266.527	4671.971	5119.218	2.785	3.481	214.042	1	14.726	
11/2/2017 0:45	9900	116.955	20.409	266.577	4671.105	5120.123	2.786	3.482	214.082	1	14.712	
11/2/2017 1:00	10800	116.962	20.408	266.593	4671.346	5120.395	2.786	3.482	214.071	1	14.719	
11/2/2017 1:15	11700	116.971	20.42	266.614	4672.25	5120.139	2.786	3.482	214.03	1	14.719	
11/2/2017 1:30	12600	116.952	20.425	266.57	4672.698	5120.088	2.786	3.482	214.009	1	14.724	
11/2/2017 1:45	13500	116.945	20.43	266.553	4673.062	5119.963	2.786	3.482	213.992	1	14.715	
11/2/2017 2:00	14400	116.923	20.428	266.503	4672.27	5119.274	2.785	3.481	214.029	1	14.722	
11/2/2017 2:15	15300	116.925	20.415	266.508	4671.677	5120.057	2.786	3.482	214.056	1	14.72	
11/2/2017 2:30	16200	116.917	20.401	266.491	4670.838	5120.588	2.786	3.482	214.094	1	14.716	
11/2/2017 2:45	17100	116.921	20.423	266.498	4672.778	5120.364	2.786	3.482	214.005	1	14.718	
11/2/2017 3:00	18000	116.922	20.418	266.502	4671.788	5119.823	2.786	3.481	214.051	1	14.723	
11/2/2017 3:15	18900	116.954	20.424	266.574	4671.943	5119.392	2.785	3.481	214.044	1	14.722	
11/2/2017 3:30	19800	116.943	20.418	266.548	4672.333	5120.504	2.786	3.482	214.026	1	14.724	
11/2/2017 3:45	20700	116.946	20.427	266.557	4673.034	5120.279	2.786	3.482	213.994	1	14.721	
11/2/2017 4:00	21600	116.948	20.415	266.562	4672.216	5120.647	2.786	3.482	214.031	1	14.719	
11/2/2017 4:15	22500	116.92	20.413	266.496	4672.947	5120.687	2.786	3.482	214.039	1	14.718	
11/2/2017 4:30	23400	116.92	20.415	266.496	4670.908	5119.252	2.785	3.481	214.091	1	14.711	
11/2/2017 4:45	24300	116.906	20.419	266.465	4672.487	5120.505	2.786	3.482	214.019	1	14.722	
11/2/2017 5:00	25200	116.917	20.411	266.489	4671.27	5120.002	2.786	3.482	214.075	1	14.714	
11/2/2017 5:15	26100	116.949	20.431	266.562	4673.316	5120.139	2.786	3.482	213.981	1	14.72	
11/2/2017 5:30	27000	116.955	20.43	266.576	4673.56	5120.5	2.786	3.482	213.97	1	14.722	
11/2/2017 5:45	27900	116.974	20.419	266.62	4671.797	5119.813	2.786	3.481	214.05	1	14.721	
11/2/2017 6:00	28800	116.979	20.415	266.63	4670.66	5118.923	2.785	3.481	214.103	1	14.717	
11/2/2017 6:15	29700	116.962	20.415	266.593	4671.403	5119.803	2.786	3.481	214.068	1	14.723	
11/2/2017 6:30	30600	116.952	20.418	266.57	4671.378	5119.401	2.785	3.481	214.07	1	14.72	
11/2/2017 6:45	31500	116.938	20.406	266.537	4670.838	5120.102	2.786	3.482	214.094	1	14.725	
11/2/2017 7:00	32400	116.931	20.403	266.522	4670.462	5119.971	2.786	3.482	214.112	1	14.725	
11/2/2017 7:15	33300	116.932	20.41	266.525	4670.685	5119.502	2.786	3.481	214.101	1	14.729	
11/2/2017 7:30	34200	116.938	20.401	266.516	4670.008	5119.897	2.786	3.482	214.123	1	14.731	
11/2/2017 7:45	35100	116.947	20.405	266.558	4670.829	5120.214	2.786	3.482	214.095	1	14.729	
11/2/2017 8:00	36000	116.957	20.41	266.581	4672.257	5121.216	2.787	3.482	214.029	1	14.737	
11/2/2017 8:15	36900	116.975	20.406	266.621	4671.424	5120.715	2.786	3.482	214.067	1	14.736	
11/2/2017 8:30	37800	116.988	20.409	266.651	4670.705	5119.619	2.786	3.481	214.1	1	14.74	
11/2/2017 8:45	38700	116.99	20.417	266.656	4672.167	5120.34	2.786	3.482	214.033	1	14.742	
11/2/2017 9:00	39600	116.992	20.418	266.661	4673.021	5121.239	2.787	3.482	213.994	1	14.749	
11/2/2017 9:15	40500	117.004	20.405	266.688	4670.063	5119.365	2.785	3.481	214.13	1	14.748	
11/2/2017 9:30	41400	117.003	20.406	266.686	4670.884	5120.199	2.786	3.482	214.092	1	14.748	
11/2/2017 9:45	42300	117.01	20.409	266.702	4670.93	5119.92	2.786	3.482	214.09	1	14.75	
11/2/2017 10:00	43200	116.994	20.415	266.665	4672.06	5120.477	2.786	3.482	214.038	1	14.758	
11/2/2017 10:15	44100	116.996	20.413	266.671	4671.759	5120.333	2.786	3.482	214.052	1	14.755	
11/2/2017 10:30	45000	116.992	20.417	266.661	4673.301	5121.629	2.787	3.483	213.982	1	14.757	
11/2/2017 10:45	45900	117.011	20.421	266.704	4672.466	5120.247	2.786	3.482	214.02	1	14.747	
11/2/2017 11:00	46800	117.005	20.408	266.69	4670.949	5120.064	2.786	3.482	214.089	1	14.747	
11/2/2017 11:15	47700	117.003	20.402	266.685	4670.134	5119.799	2.786	3.481	214.127	1	14.741	
11/2/2017 11:30	48600	117	20.416	266.679	4672.039	5120.359	2.786	3.482	214.039	1	14.747	
11/2/2017 11:45	49500	117.007	20.408	266.694	4671.308	5120.438	2.786	3.482	214.073	1	14.745	
11/2/2017 12:00	50400	117.006	20.396	266.692	4670.667	5119.959	2.786	3.482	214.146	1	14.748	
11/2/2017 12:15	51300	117.01	20.403	266.703	4671.188	5120.775	2.786	3.482	214.078	1	14.745	
11/2/2017 12:30	52200	117.007	20.403	266.694	4670.808	5120.443	2.786	3.482	214.096	1	14.745	
11/2/2017 12:45	53100	117.007	20.406	266.694	4670.688	5119.966	2.786	3.482	214.101	1	14.743	
11/2/2017 13:00	54000	117.019	20.398	266.723	4670.094	5120.119	2.786	3.482	214.128	1	14.744	
11/2/2017 13:15	54900	117.014	20.39	266.709	4669.799	5120.579	2.786	3.482	214.146	1	14.745	
11/2/2017 13:30	55800	117.032	20.408	266.752	4673.412	5120.553	2.786	3.482	214.068	1	14.741	
11/2/2017 13:45	56700	117.041	20.408	266.773	4670.886	5119.958	2.786	3.482	214.092	1	14.739	
11/2/2017 14:00	57600	117.035	20.415	266.76	4672.069	5120.495	2.786	3.482	214.038	1	14.738	
11/2/2017 14:15	58500	117.05	20.399	266.792	4670.399	5120.393	2.786	3.482	214.115	1	14.734	
11/2/2017 14:30	59400	117.049	20.4	266.792	4670.668	5120.598	2.786	3.482	214.102	1	14.738	
11/2/2017 14:45	60300	117.049	20.417	266.797	4671.569	5119.686	2.786	3.481	214.061	1	14.731	
11/2/2017 15:00	61200	117.057	20.414	266.809	4672.127	5120.679	2.786	3.482	214.015	1	14.734	
11/2/2017 15:15	62100	117.056	20.416	266.807	4672.531	5120.917	2.786	3.482	214.017	1	14.733	
11/2/2017 15:30	63000	117.057	20.404	266.808	4670.812	5120.288	2.786	3.482	214.096	1	14.738	
11/2/2017 15:45	63900	117.059	20.408	266.814	4671.729	5120.834	2.786	3.482	214.053	1	14.735	
11/2/2017 16:00	64800	117.07	20.406	266.838	4671.92	5121.307	2.787	3.482	214.045	1	14.729	
11/2/2017 16:15	65700	117.069	20.402	266.860	4671.679	5121.419	2.787	3.483	214.055	1	14.735	
11/2/2017 16:30	66600	117.062	20.397	266.821	4670.667	5120.897	2.786	3.482	214.102	1	14.737	
11/2/2017 16:45	67500	117.061	20.411	266.818	4671.929	5120.792	2.786	3.482	214.044	1	14.735	
11/2/2017 17:00	68400	117.057	20.404	266.809	4671.953	5121.52	2.787	3.483	214.043	1	14.742	
11/2/2017 17:15	69300	117.043	20.416	266.778	4672.474	5120.79	2.786	3.482	214.019	1	14.737	
11/2/2017 17:30	70200	117.056	20.413	266.806	4671.956	5120.605	2.786	3.482	214.043	1	14.735	
11/2/2017 17:45	71100	117.042	20.413	266.775	4672.448	5121.08	2.786	3.482	214.021	1	14.732	
11/2/2017 18:00	72000	117.036	20.401	266.76	4670.477	5120.21	2.786	3.482	214.111	1	14.741	
11/2/2017 18:15	72900	117.044	20.404	266.779	4671.918	5121.548	2.787	3.483	214.045	1	14.73	
11/2/2017 18:30	73800	117.045	20.399	266.782	4671.599	5121.686	2.787	3.483	214.059	1	14.734	
11/2/2017 18:45	74700	117.035	20.386	266.758	4671.085	5122.471	2.787	3.483	214.083	1	14.738	
11/2/2017 19:00	75600	117.047	20.411	266.785	4672.083	5120.932	2.786	3.482	214.037	1	14.738	
11/2/2017 19:15	76500	117.033	20.406	266.754	4671.571	5120.914	2.786	3.482	214.061	1	14.74	
11/2/2017 19:30	77400	117.048	20.408	266.779	4672.021	5121.382	2.787	3.482	214.04	1	14.74	
11/2/2017 19:45	78300	117.04	20.398	266.769	4670.874	5121.002	2.786	3.482	214.093	1	14.738	
11/2/2017 20:00	79200	117.038	20.396	266.766	4670.391	5120.699	2.786	3.482				

11/2/2017 23:30	91800	116.968	20.4	266.607	4671.059	5121.017	2.786	3.482	214.084	1	14.744
11/2/2017 23:45	92700	116.973	20.414	266.617	4673.166	5121.8	2.787	3.483	213.988	1	14.749
11/3/2017 0:00	93600	116.98	20.426	266.633	4673.591	5120.937	2.786	3.482	213.968	1	14.745
11/3/2017 0:15	94500	116.985	20.421	266.645	4673.549	5121.425	2.787	3.483	213.97	1	14.75
11/3/2017 0:30	95400	116.991	20.416	266.658	4672.843	5121.27	2.787	3.482	214.002	1	14.746
11/3/2017 0:45	96300	116.969	20.404	266.608	4671.521	5121.084	2.786	3.482	214.063	1	14.744
11/3/2017 1:00	97200	116.964	20.397	266.597	4670.565	5120.739	2.786	3.482	214.107	1	14.744
11/3/2017 1:15	98100	116.942	20.416	266.548	4672.511	5120.849	2.786	3.482	214.018	1	14.746
11/3/2017 1:30	99000	116.941	20.408	266.544	4672.824	5122.119	2.787	3.483	214.003	1	14.739
11/3/2017 1:45	99900	116.953	20.42	266.573	4673.527	5121.504	2.787	3.483	213.971	1	14.743
11/3/2017 2:00	100800	116.962	20.42	266.593	4672.824	5120.771	2.786	3.482	214.003	1	14.749
11/3/2017 2:15	101700	116.986	20.444	266.648	4673.546	5122.336	2.787	3.483	213.97	1	14.748
11/3/2017 2:30	102600	117.014	20.415	266.71	4672.324	5121.332	2.787	3.483	214.003	1	14.746
11/3/2017 2:45	103500	116.993	20.409	266.664	4671.816	5120.836	2.786	3.482	214.05	1	14.751
11/3/2017 3:00	104400	116.99	20.42	266.657	4672.924	5120.927	2.786	3.482	213.999	1	14.74
11/3/2017 3:15	105300	117.001	20.414	266.681	4672.366	5120.923	2.786	3.482	214.024	1	14.745
11/3/2017 3:30	106200	116.984	20.418	266.643	4673.326	5121.526	2.787	3.483	213.98	1	14.741
11/3/2017 3:45	107100	116.983	20.418	266.64	4672.577	5120.744	2.786	3.482	214.015	1	14.742
11/3/2017 4:00	108000	116.976	20.421	266.623	4673.616	5121.526	2.787	3.483	213.967	1	14.732
11/3/2017 4:15	108900	116.994	20.406	266.666	4672.436	5121.844	2.787	3.483	214.021	1	14.736
11/3/2017 4:30	109800	117.006	20.414	266.692	4673.463	5122.089	2.787	3.483	213.974	1	14.746
11/3/2017 4:45	110700	117.011	20.416	266.705	4673.062	5121.509	2.787	3.483	213.992	1	14.744
11/3/2017 5:00	111600	117.005	20.42	266.691	4672.571	5120.474	2.786	3.482	214.015	1	14.746
11/3/2017 5:15	112500	116.994	20.421	266.665	4673.391	5121.297	2.787	3.482	213.977	1	14.745
11/3/2017 5:30	113400	116.99	20.413	266.657	4672.288	5120.978	2.786	3.482	214.028	1	14.752
11/3/2017 5:45	114300	116.983	20.406	266.641	4671.585	5120.911	2.786	3.482	214.06	1	14.75
11/3/2017 6:00	115200	116.964	20.406	266.597	4671.854	5121.215	2.787	3.482	214.048	1	14.744
11/3/2017 6:15	116100	116.958	20.413	266.583	4672.82	5121.552	2.787	3.483	214.004	1	14.748
11/3/2017 6:30	117000	116.955	20.409	266.577	4671.885	5120.92	2.786	3.482	214.046	1	14.739
11/3/2017 6:45	117900	116.953	20.424	266.572	4673.646	5121.24	2.787	3.482	213.966	1	14.738
11/3/2017 7:00	118800	116.997	20.42	266.672	4673.423	5121.407	2.787	3.483	213.976	1	14.736
11/3/2017 7:15	119700	116.992	20.423	266.661	4673.686	5121.37	2.787	3.483	213.964	1	14.74
11/3/2017 7:30	120600	117.007	20.405	266.694	4672.773	5122.373	2.787	3.483	214.006	1	14.745
11/3/2017 7:45	121500	117.011	20.427	266.703	4674.48	5121.873	2.787	3.483	213.928	1	14.748
11/3/2017 8:00	122400	117.039	20.426	266.769	4673.583	5120.975	2.786	3.482	213.969	1	14.746
11/3/2017 8:15	123300	117.038	20.412	266.766	4673.411	5122.286	2.787	3.483	213.976	1	14.749
11/3/2017 8:30	124200	117.077	20.425	266.855	4674.381	5121.57	2.787	3.483	213.932	1	14.745
11/3/2017 8:45	125100	117.071	20.422	266.842	4673.559	5121.322	2.787	3.482	213.97	1	14.75
11/3/2017 9:00	126000	117.081	20.406	266.863	4672.333	5121.778	2.787	3.483	214.026	1	14.757
11/3/2017 9:15	126900	117.086	20.411	266.875	4672.379	5121.295	2.787	3.482	214.024	1	14.758
11/3/2017 9:30	127800	117.079	20.421	266.858	4673.546	5121.515	2.787	3.483	213.97	1	14.763
11/3/2017 9:45	128700	117.081	20.415	266.863	4674.197	5122.836	2.787	3.484	213.941	1	14.763
11/3/2017 10:00	129600	117.097	20.409	266.899	4671.578	5121.299	2.786	3.482	214.06	1	14.765
11/3/2017 10:15	130500	117.109	20.413	266.927	4672.488	5121.143	2.786	3.482	214.019	1	14.76
11/3/2017 10:30	131400	117.104	20.416	266.917	4674.524	5123.092	2.788	3.484	213.926	1	14.753
11/3/2017 10:45	132300	117.109	20.42	266.928	4673.961	5122.044	2.787	3.483	213.951	1	14.762
11/3/2017 11:00	133200	117.104	20.416	266.917	4673.611	5122.073	2.787	3.483	213.967	1	14.761
11/3/2017 11:15	134100	117.107	20.412	266.923	4672.765	5121.586	2.787	3.483	214.006	1	14.761
11/3/2017 11:30	135000	117.123	20.402	266.959	4671.35	5121.083	2.786	3.482	214.071	1	14.765
11/3/2017 11:45	135900	117.13	20.404	266.976	4672.526	5122.215	2.787	3.483	214.017	1	14.761
11/3/2017 12:00	136800	117.14	20.41	266.999	4672.822	5121.902	2.787	3.483	214.003	1	14.754
11/3/2017 12:15	137700	117.147	20.418	267.014	4673.586	5121.859	2.787	3.483	213.968	1	14.752
11/3/2017 12:30	138600	117.136	20.411	266.989	4672.723	5121.662	2.787	3.483	214.008	1	14.754
11/3/2017 12:45	139500	117.155	20.408	267.031	4672.657	5121.928	2.787	3.483	214.011	1	14.745
11/3/2017 13:00	140400	117.155	20.414	267.033	4673.52	5122.197	2.787	3.483	213.971	1	14.746
11/3/2017 13:15	141300	117.177	20.401	267.082	4672.606	5121.599	2.787	3.483	214.013	1	14.745
11/3/2017 13:30	142200	117.167	20.403	267.06	4671.778	5121.431	2.787	3.483	214.051	1	14.749
11/3/2017 13:45	143100	117.159	20.406	267.043	4672.003	5121.332	2.787	3.483	214.041	1	14.747
11/3/2017 14:00	144000	117.183	20.43	267.096	4675.32	5122.4	2.787	3.483	213.889	1	14.739
11/3/2017 14:15	144900	117.204	20.428	267.145	4674.468	5121.672	2.787	3.483	213.928	1	14.735
11/3/2017 14:30	145800	117.199	20.417	267.132	4673.89	5122.239	2.787	3.483	213.955	1	14.741
11/3/2017 14:45	146700	117.193	20.429	267.193	4674.351	5122.107	2.787	3.483	213.933	1	14.732
11/3/2017 15:00	147600	117.199	20.413	267.132	4673.129	5121.863	2.787	3.483	213.989	1	14.736
11/3/2017 15:15	148500	117.195	20.408	267.123	4672.155	5121.367	2.787	3.483	214.034	1	14.737
11/3/2017 15:30	149400	117.197	20.414	267.128	4673.609	5122.268	2.787	3.483	213.967	1	14.735
11/3/2017 15:45	150300	117.208	20.411	267.153	4673.029	5122.007	2.787	3.483	213.994	1	14.735
11/3/2017 16:00	151200	117.206	20.424	267.148	4673.876	5121.52	2.787	3.483	213.955	1	14.732
11/3/2017 16:15	152100	117.237	20.43	267.218	4674.845	5121.964	2.787	3.483	213.911	1	14.73
11/3/2017 16:30	153000	117.212	20.419	267.163	4674.143	5122.301	2.787	3.483	213.943	1	14.727
11/3/2017 16:45	153900	117.201	20.409	267.138	4672.932	5122.087	2.787	3.483	213.998	1	14.733
11/3/2017 17:00	154800	117.209	20.424	267.156	4675.268	5123.055	2.788	3.484	213.891	1	14.73
11/3/2017 17:15	155700	117.221	20.413	267.183	4673.459	5122.18	2.787	3.483	213.974	1	14.73
11/3/2017 17:30	156600	117.213	20.402	267.164	4672.506	5122.399	2.787	3.483	214.018	1	14.727
11/3/2017 17:45	157500	117.223	20.412	267.187	4672.355	5121.137	2.786	3.482	214.025	1	14.723
11/3/2017 18:00	158400	117.21	20.408	267.158	4673.252	5122.552	2.787	3.483	213.984	1	14.731
11/3/2017 18:15	159300	117.207	20.42	267.151	4673.663	5121.652	2.787	3.483	213.965	1	14.725
11/3/2017 18:30	160200	117.205	20.402	267.145	4672.573	5122.414	2.787	3.483	214.015	1	14.73
11/3/2017 18:45	161100	117.202	20.411	267.139	4672.831	5121.714	2.787	3.483	214.003	1	14.732
11/3/2017 19:00	162000	117.203	20.413	267.142	4673.385	5122.125	2.787	3.483	213.978	1	14.731
11/3/2017 19:15	162900	117.202	20.412	267.14	4673.529	5121.937	2.787	3.483	213.971	1	14.734
11/3/2017 19:30	163800	117.205	20.427	267.146	4674.53	5121.928	2.787	3.483	213.925	1	14.727
11/3/2017 19:45	164700	117.212	20.422	267.162	4674.042	5121.861	2.787	3.483	213.948	1	14.734
11/3/2017 20:00	165600	117.222	20.418	267.184	4673.942	5122.193	2.787	3.483	213.952	1	14.725
11/3/2017 20:15	166500	117.211	20.42	267.161	4674.783	5122.908	2.788	3.484	213.914	1	14.73
11/3/2017 20:30	167400	117.21	20.428	267.158	4674.38	5121.641	2.787	3.483	213.932	1	14.731
11/3/2017 20:45	168300	117.217	20.42	267.174	4673.899	5121.949	2.787	3.483	213.954	1	14.731

11/5/2017 3:15	281700	117.201	20411	267.136	4675.117	5124.229	2.788	3.484	213.898	1	14.781
11/5/2017 3:30	282600	117.193	20419	267.119	4675.294	5123.581	2.788	3.484	213.89	1	14.786
11/5/2017 3:45	283500	117.21	20408	267.159	4674.446	5123.889	2.788	3.484	213.929	1	14.784
11/5/2017 4:00	284400	117.216	20413	267.171	4675.103	5124.074	2.788	3.484	213.899	1	14.782
11/5/2017 4:15	285300	117.232	20415	267.207	4674.852	5123.554	2.788	3.484	213.911	1	14.784
11/5/2017 4:30	286200	117.242	20418	267.23	4674.971	5123.32	2.788	3.484	213.905	1	14.788
11/5/2017 4:45	287100	117.256	20415	267.256	4674.795	5123.562	2.788	3.484	213.913	1	14.789
11/5/2017 5:00	288000	117.256	20421	267.263	4675.882	5124.076	2.788	3.484	213.863	1	14.792
11/5/2017 5:15	288900	117.267	20423	267.289	4675.856	5123.803	2.788	3.484	213.865	1	14.794
11/5/2017 5:30	289800	117.286	20415	267.33	4674.769	5123.417	2.788	3.484	213.914	1	14.79
11/5/2017 5:45	290700	117.287	20416	267.333	4675.803	5124.522	2.788	3.485	213.867	1	14.792
11/5/2017 6:00	291600	117.298	20409	267.359	4675.436	5124.842	2.789	3.485	213.884	1	14.791
11/5/2017 6:15	292500	117.303	20402	267.371	4674.388	5124.461	2.788	3.485	213.92	1	14.795
11/5/2017 6:30	293400	117.314	20419	267.395	4676.481	5124.909	2.789	3.485	213.836	1	14.793
11/5/2017 6:45	294300	117.307	20421	267.378	4675.564	5123.707	2.788	3.484	213.878	1	14.8
11/5/2017 7:00	295200	117.322	20419	267.413	4674.907	5123.203	2.788	3.484	213.908	1	14.801
11/5/2017 7:15	296100	117.314	20418	267.395	4675.003	5123.392	2.788	3.484	213.904	1	14.809
11/5/2017 7:30	297000	117.328	20417	267.428	4675.464	5123.954	2.788	3.484	213.883	1	14.803
11/5/2017 7:45	297900	117.363	20402	267.507	4673.287	5123.236	2.788	3.484	213.982	1	14.801
11/5/2017 8:00	298800	117.324	20421	267.417	4676.092	5124.229	2.788	3.484	213.854	1	14.813
11/5/2017 8:15	299700	117.33	20405	267.43	4674.351	5124.036	2.788	3.484	213.933	1	14.808
11/5/2017 8:30	300600	117.325	20409	267.42	4675.768	5125.206	2.789	3.485	213.869	1	14.809
11/5/2017 8:45	301500	117.325	20425	267.419	4676.61	5124.431	2.788	3.485	213.83	1	14.815
11/5/2017 9:00	302400	117.325	20417	267.421	4675.175	5123.647	2.788	3.484	213.896	1	14.812
11/5/2017 9:15	303300	117.331	20416	267.435	4675.709	5124.345	2.788	3.485	213.871	1	14.811
11/5/2017 9:30	304200	117.323	20418	267.416	4675.651	5124.046	2.788	3.484	213.874	1	14.816
11/5/2017 9:45	305100	117.326	20415	267.423	4675.464	5124.225	2.788	3.484	213.883	1	14.818
11/5/2017 10:00	306000	117.335	20426	267.443	4676.504	5124.194	2.788	3.484	213.835	1	14.816
11/5/2017 10:15	306900	117.326	20421	267.422	4675.993	5124.094	2.788	3.484	213.858	1	14.814
11/5/2017 10:30	307800	117.328	20415	267.427	4674.904	5123.64	2.788	3.484	213.908	1	14.814
11/5/2017 10:45	308700	117.336	20.42	267.445	4676.209	5124.517	2.788	3.485	213.848	1	14.813
11/5/2017 11:00	309600	117.342	20407	267.459	4675.116	5124.734	2.789	3.485	213.898	1	14.813
11/5/2017 11:15	310500	117.336	20413	267.445	4675.796	5124.814	2.789	3.485	213.867	1	14.812
11/5/2017 11:30	311400	117.34	20409	267.454	4674.804	5124.102	2.788	3.484	213.913	1	14.805
11/5/2017 11:45	312300	117.349	20422	267.476	4675.897	5123.932	2.788	3.484	213.863	1	14.802
11/5/2017 12:00	313200	117.34	20.41	267.453	4674.629	5123.872	2.788	3.484	213.921	1	14.803
11/5/2017 12:15	314100	117.343	20418	267.462	4675.96	5124.39	2.788	3.485	213.863	1	14.793
11/5/2017 12:30	315000	117.376	20416	267.536	4676.039	5124.743	2.789	3.485	213.856	1	14.794
11/5/2017 12:45	315900	117.361	20431	267.501	4676.811	5123.968	2.788	3.484	213.821	1	14.793
11/5/2017 13:00	316800	117.36	20424	267.499	4676.113	5123.971	2.788	3.484	213.853	1	14.786
11/5/2017 13:15	317700	117.356	20418	267.491	4675.068	5123.463	2.788	3.484	213.901	1	14.786
11/5/2017 13:30	318600	117.362	20414	267.505	4674.485	5123.266	2.788	3.484	213.927	1	14.78
11/5/2017 13:45	319500	117.346	20413	267.546	4674.746	5123.794	2.788	3.484	213.915	1	14.7915
11/5/2017 14:00	320400	117.373	20416	267.53	4675.897	5124.523	2.788	3.485	213.863	1	14.781
11/5/2017 14:15	321300	117.377	20408	267.539	4674.836	5124.268	2.788	3.485	213.911	1	14.78
11/5/2017 14:30	322200	117.391	20417	267.571	4675.627	5124.189	2.788	3.484	213.875	1	14.778
11/5/2017 14:45	323100	117.394	20403	267.578	4674.198	5124.159	2.788	3.484	213.94	1	14.778
11/5/2017 15:00	324000	117.4	20411	267.591	4675.723	5124.912	2.789	3.485	213.871	1	14.781
11/5/2017 15:15	324900	117.411	20413	267.616	4675.775	5124.283	2.789	3.485	213.868	1	14.777
11/5/2017 15:30	325800	117.417	20403	267.63	4674.129	5124.038	2.788	3.484	213.944	1	14.775
11/5/2017 15:45	326700	117.425	20407	267.648	4675.017	5124.541	2.788	3.485	213.903	1	14.78
11/5/2017 16:00	327600	117.433	20404	267.667	4674.518	5124.332	2.788	3.485	213.926	1	14.777
11/5/2017 16:15	328500	117.426	20412	267.649	4675.303	5124.349	2.788	3.485	213.89	1	14.778
11/5/2017 16:30	329400	117.442	20413	267.687	4675.367	5124.271	2.788	3.485	213.887	1	14.776
11/5/2017 16:45	330300	117.435	20418	267.671	4675.153	5123.556	2.788	3.484	213.897	1	14.779
11/5/2017 17:00	331200	117.449	20412	267.703	4675.329	5124.277	2.788	3.485	213.889	1	14.779
11/5/2017 17:15	332100	117.469	20.4	267.748	4673.878	5124.099	2.788	3.484	213.955	1	14.772
11/5/2017 17:30	333000	117.475	20402	267.762	4674.536	5124.577	2.788	3.485	213.925	1	14.766
11/5/2017 17:45	333900	117.454	20412	267.714	4674.85	5123.815	2.788	3.484	213.911	1	14.782
11/5/2017 18:00	334800	117.463	20416	267.734	4676.012	5124.676	2.789	3.485	213.857	1	14.778
11/5/2017 18:15	335700	117.467	20409	267.744	4674.817	5124.181	2.788	3.484	213.912	1	14.781
11/5/2017 18:30	336600	117.479	20414	267.779	4675.063	5123.808	2.788	3.484	213.961	1	14.776
11/5/2017 18:45	337500	117.481	20415	267.775	4675.751	5124.55	2.788	3.485	213.869	1	14.774
11/5/2017 19:00	338400	117.473	20.41	267.756	4674.863	5124.044	2.788	3.484	213.91	1	14.78
11/5/2017 19:15	339300	117.478	20419	267.769	4676.765	5125.154	2.789	3.485	213.823	1	14.782
11/5/2017 19:30	340200	117.485	20421	267.785	4675.408	5123.556	2.788	3.484	213.885	1	14.779
11/5/2017 19:45	341100	117.495	20412	267.808	4675.371	5124.451	2.788	3.485	213.887	1	14.781
11/5/2017 20:00	342000	117.499	267.8	267.823	4676.916	5124.897	2.788	3.485	213.816	1	14.788
11/5/2017 20:15	342900	117.488	20428	267.792	4676.886	5124.424	2.788	3.485	213.817	1	14.782
11/5/2017 20:30	343800	117.53	20417	267.888	4676.136	5124.737	2.789	3.485	213.852	1	14.782
11/5/2017 20:45	344700	117.498	20417	267.814	4675.303	5123.805	2.788	3.484	213.89	1	14.783
11/5/2017 21:00	345600	117.499	20.42	267.817	4676.002	5124.215	2.788	3.484	213.858	1	14.781
11/5/2017 21:15	346500	117.498	20415	267.814	4675.75	5124.473	2.788	3.485	213.869	1	14.788
11/5/2017 21:30	347400	117.464	20412	267.737	4675.065	5124.051	2.788	3.484	213.901	1	14.794
11/5/2017 21:45	348300	117.447	20415	267.698	4676.049	5124.876	2.789	3.485	213.856	1	14.789
11/5/2017 22:00	349200	117.443	20421	267.69	4676.463	5124.683	2.789	3.485	213.837	1	14.787
11/5/2017 22:15	350100	117.429	20404	267.658	4674.831	5124.732	2.789	3.485	213.911	1	14.791
11/5/2017 22:30	351000	117.436	20409	267.672	4674.829	5124.139	2.788	3.484	213.912	1	14.789
11/5/2017 22:45	351900	117.455	20412	267.715	4675.376	5124.485	2.788	3.485	213.887	1	14.792
11/5/2017 23:00	352800	117.447	20413	267.698	4675.949	5125.12	2.789	3.485	213.86	1	14.7916
11/5/2017 23:15	353700	117.479	20429	267.771	4677.233	5124.646	2.789	3.485	213.802	1	14.795
11/5/2017 23:30	354600	117.466	20412	267.741	4676.049	5125.176	2.789	3.485	213.856	1	14.792
11/5/2017 23:45	355500	117.451	20408	267.706	4674.002	5123.402	2.788	3.484	213.949	1	14.791
11/6/2017 0:00	356400	117.426	20425	267.651	4676.462	5124.213	2.788	3.484	213.837	1	14.791
11/6/2017 0:15	357300	117.415	20417	267.625	4675.866	5124.404	2.788	3.485	213.864	1	14.797
11/6/2017 0:30	358200	117.412	20422	267.619	4676.992	5125.149	2.789	3.485	213.813	1	14.79
11/6/2017 0:45	359100	117.425									

11/7/2017 8:00	471600	116.924	20417	266.505	4674.626	5123.072	2.788	3.484	213.921	1	14.792
11/7/2017 8:15	472500	116.92	20409	266.496	4674.204	5123.463	2.788	3.484	213.94	1	14.791
11/7/2017 8:30	473400	116.896	20414	266.441	4674.296	5123.048	2.788	3.484	213.936	1	14.801
11/7/2017 8:45	474300	116.902	20407	266.457	4673.184	5122.532	2.787	3.483	213.987	1	14.801
11/7/2017 9:00	475200	116.923	2041	266.504	4673.398	5122.515	2.787	3.483	213.977	1	14.796
11/7/2017 9:15	476100	116.938	20412	266.537	4673.977	5122.896	2.788	3.484	213.951	1	14.796
11/7/2017 9:30	477000	116.989	20394	266.655	4672.609	5123.217	2.788	3.484	214.013	1	14.79
11/7/2017 9:45	477900	117.011	20421	266.705	4675.421	5123.476	2.788	3.484	213.884	1	14.788
11/7/2017 10:00	478800	117.043	20431	266.777	4675.806	5122.877	2.788	3.484	213.867	1	14.778
11/7/2017 10:15	479700	117.066	20426	266.831	4675.217	5122.755	2.787	3.483	213.894	1	14.784
11/7/2017 10:30	480600	117.07	20416	266.839	4674.156	5122.689	2.787	3.483	213.942	1	14.787
11/7/2017 10:45	481500	117.097	20406	266.899	4674.389	5124.002	2.788	3.484	213.932	1	14.782
11/7/2017 11:00	482400	117.12	20414	266.952	4674.614	5123.341	2.788	3.484	213.921	1	14.782
11/7/2017 11:15	483300	117.13	20418	266.974	4673.689	5121.942	2.787	3.483	213.964	1	14.784
11/7/2017 11:30	484200	117.163	20418	267.05	4672.988	5121.222	2.787	3.482	213.996	1	14.769
11/7/2017 11:45	485100	117.164	20407	267.053	4673.254	5122.665	2.787	3.483	213.984	1	14.777
11/7/2017 12:00	486000	117.173	20418	267.073	4673.813	5122.126	2.787	3.483	213.958	1	14.78
11/7/2017 12:15	486900	117.188	2041	267.108	4674.084	5123.191	2.788	3.484	213.946	1	14.769
11/7/2017 12:30	487800	117.19	20405	267.111	4674.164	5123.212	2.788	3.484	213.942	1	14.773
11/7/2017 12:45	488700	117.195	20421	267.125	4674.093	5122.048	2.787	3.483	213.945	1	14.771
11/7/2017 13:00	489600	117.218	20418	267.177	4673.239	5121.431	2.787	3.483	213.984	1	14.766
11/7/2017 13:15	490500	117.229	20405	267.202	4672.487	5122.05	2.787	3.483	214.019	1	14.762
11/7/2017 13:30	491400	117.245	20415	267.238	4673.537	5122.084	2.787	3.483	213.971	1	14.764
11/7/2017 13:45	492300	117.247	2042	267.242	4674.11	5122.207	2.787	3.483	213.944	1	14.763
11/7/2017 14:00	493200	117.246	20421	267.239	4673.751	5121.74	2.787	3.483	213.961	1	14.764
11/7/2017 14:15	494100	117.266	20414	267.284	4673.614	5122.339	2.787	3.483	213.967	1	14.76
11/7/2017 14:30	495000	117.259	20413	267.27	4673.015	5121.785	2.787	3.483	213.995	1	14.764
11/7/2017 14:45	495900	117.26	20417	267.272	4674.226	5122.644	2.787	3.483	213.939	1	14.766
11/7/2017 15:00	496800	117.288	20415	267.336	4673.506	5122.051	2.787	3.483	213.972	1	14.758
11/7/2017 15:15	497700	117.287	20407	267.333	4672.892	5122.221	2.787	3.483	214	1	14.756
11/7/2017 15:30	498600	117.289	20409	267.339	4672.522	5121.667	2.787	3.483	214.017	1	14.756
11/7/2017 15:45	499500	117.285	20411	267.33	4673.735	5122.752	2.787	3.483	213.962	1	14.754
11/7/2017 16:00	500400	117.303	20412	267.37	4672.648	5121.439	2.787	3.483	214.011	1	14.751
11/7/2017 16:15	501300	117.29	20432	267.341	4675.185	5122.129	2.787	3.483	213.895	1	14.758
11/7/2017 16:30	502200	117.3	20417	267.363	4673.926	5122.343	2.787	3.483	213.953	1	14.754
11/7/2017 16:45	503100	117.305	20419	267.374	4674.245	5122.393	2.787	3.483	213.938	1	14.754
11/7/2017 17:00	504000	117.302	20413	267.362	4673.598	5122.376	2.787	3.483	213.968	1	14.752
11/7/2017 17:15	504900	117.297	20423	267.356	4673.869	5121.579	2.787	3.483	213.956	1	14.749
11/7/2017 17:30	505800	117.299	2042	267.361	4673.658	5121.721	2.787	3.483	213.965	1	14.759
11/7/2017 17:45	506700	117.287	20404	267.334	4671.424	5120.997	2.786	3.482	214.067	1	14.756
11/7/2017 18:00	507600	117.291	20409	267.342	4672.86	5121.953	2.787	3.483	214.002	1	14.755
11/7/2017 18:15	508500	117.301	20405	267.366	4672.817	5122.345	2.787	3.483	214.004	1	14.761
11/7/2017 18:30	509400	117.298	20403	267.398	4672.161	5121.888	2.787	3.483	214.034	1	14.764
11/7/2017 18:45	510300	117.294	20408	267.35	4672.265	5121.43	2.787	3.483	214.029	1	14.765
11/7/2017 19:00	511200	117.296	20401	267.355	4671.984	5121.873	2.787	3.483	214.042	1	14.758
11/7/2017 19:15	512100	117.314	20422	267.394	4673.674	5121.458	2.787	3.483	213.964	1	14.758
11/7/2017 19:30	513000	117.295	20416	267.351	4674.173	5122.67	2.787	3.483	213.942	1	14.764
11/7/2017 19:45	513900	117.308	20412	267.381	4672.868	5121.68	2.787	3.483	214.001	1	14.754
11/7/2017 20:00	514800	117.299	20407	267.36	4673.036	5122.407	2.787	3.483	213.994	1	14.765
11/7/2017 20:15	515700	117.309	20401	267.382	4672.782	5122.795	2.787	3.484	214.005	1	14.758
11/7/2017 20:30	516600	117.306	20405	267.377	4671.775	5121.279	2.787	3.482	214.051	1	14.759
11/7/2017 20:45	517500	117.299	20399	267.361	4672.689	5122.833	2.787	3.484	214.01	1	14.763
11/7/2017 21:00	518400	117.3	20414	267.362	4673.337	5122.036	2.787	3.483	213.98	1	14.766
11/7/2017 21:15	519300	117.317	20429	267.401	4673.724	5120.829	2.786	3.482	213.962	1	14.768
11/7/2017 21:30	520200	117.295	20416	267.352	4673.428	5121.826	2.787	3.483	213.976	1	14.769
11/7/2017 21:45	521100	117.294	20405	267.349	4673.125	5121.013	2.786	3.482	214.063	1	14.768
11/7/2017 22:00	522000	117.274	20402	267.304	4672.152	5121.925	2.787	3.483	214.034	1	14.776
11/7/2017 22:15	522900	117.271	20414	267.297	4672.949	5121.59	2.787	3.483	213.998	1	14.777
11/7/2017 22:30	523800	117.276	20401	267.309	4672.083	5121.999	2.787	3.483	214.037	1	14.772
11/7/2017 22:45	524700	117.264	20397	267.281	4670.769	5120.952	2.786	3.483	214.098	1	14.776
11/7/2017 23:00	525600	117.277	20412	267.309	4672.946	5121.728	2.787	3.483	213.998	1	14.766
11/7/2017 23:15	526500	117.265	20416	267.282	4672.171	5120.582	2.786	3.482	214.003	1	14.773
11/7/2017 23:30	527400	117.256	20413	267.263	4673.095	5121.798	2.787	3.483	213.991	1	14.77
11/7/2017 23:45	528300	117.243	20409	267.232	4672.225	5121.312	2.787	3.482	214.031	1	14.774
11/8/2017 0:00	529200	117.255	20413	267.26	4672.457	5121.154	2.786	3.482	214.02	1	14.765
11/8/2017 0:15	530100	117.24	2041	267.227	4672.43	5121.453	2.787	3.483	214.021	1	14.769
11/8/2017 0:30	531000	117.257	20405	267.265	4671.492	5120.912	2.786	3.482	214.064	1	14.759
11/8/2017 0:45	531900	117.257	20417	267.257	4672.947	5120.712	2.786	3.482	214.008	1	14.765
11/8/2017 1:00	532800	117.253	20415	267.255	4672.863	5121.337	2.787	3.483	214.002	1	14.763
11/8/2017 1:15	533700	117.242	20416	267.23	4671.836	5120.137	2.786	3.482	214.049	1	14.765
11/8/2017 1:30	534600	117.243	20408	267.234	4671.354	5120.405	2.786	3.482	214.071	1	14.752
11/8/2017 1:45	535500	117.274	20409	267.304	4671.842	5120.92	2.786	3.482	214.048	1	14.752
11/8/2017 2:00	536400	117.235	20406	267.215	4672.308	5121.759	2.787	3.483	214.027	1	14.756
11/8/2017 2:15	537300	117.257	20415	267.264	4672.693	5121.17	2.787	3.482	214.009	1	14.76
11/8/2017 2:30	538200	117.248	20403	267.244	4671.449	5121.061	2.786	3.482	214.066	1	14.739
11/8/2017 2:45	539100	117.25	20397	267.248	4670.879	5121.111	2.786	3.482	214.092	1	14.742
11/8/2017 3:00	540000	117.237	20409	267.22	4673.727	5122.939	2.788	3.484	213.962	1	14.74
11/8/2017 3:15	540900	117.241	20416	267.229	4672.654	5121.052	2.786	3.482	214.011	1	14.732
11/8/2017 3:30	541800	117.248	20412	267.245	4673.041	5121.897	2.787	3.483	213.993	1	14.729
11/8/2017 3:45	542700	117.242	20417	267.231	4672.626	5120.825	2.786	3.482	214.012	1	14.735
11/8/2017 4:00	543600	117.262	20406	267.277	4671.972	5121.326	2.787	3.483	214.042	1	14.727
11/8/2017 4:15	544500	117.254	20413	267.258	4672.754	5121.424	2.787	3.483	214.007	1	14.733
11/8/2017 4:30	545400	117.258	204	267.267	4670.912	5120.782	2.786	3.482	214.091	1	14.736
11/8/2017 4:45	546300	117.244	20408	267.235	4671.313	5120.397	2.786	3.482	214.073	1	14.732
11/8/2017 5:00	547200	117.241	20402	267.229	4671.476	5121.26	2.787	3.482	214.065	1	14.736
11/8/2017 5:15	548100	117.247	20398	267.243	4671.654	5121.943	2.787	3.483	214.056	1	14.737
11/8/2017 5:30	549000	117.255	20419	267							

Report Date: 11/10/2017 8:41
Report User Name: WMassoll
Report Computer Name: WKST52
Application: WinSitu.exe
Application Version: 5.6.27.1

Log File Properties
File Name MPWSP MW-6M LT Test_2017-11-09_12-46-39-528-BaroMerge.wsl
Create Date 11/10/2017 8:36

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

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

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

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

Log Notes:
Date and Time Note
2/17/2016 17:06 Used Battery: 0% Used Memory: 1% User Name: CShaw
2/17/2016 17:50 Log Download - Used Battery: 0% Used Memory: 1% User Name: CShaw Interval - Start Time: 2/17/2016 5:30:00 PM Stop Time: 2/17/2016 5:45:00 PM
2/17/2016 17:53 Log Download - Used Battery: 0% Used Memory: 1% User Name: CShaw Interval - Start Time: 2/17/2016 5:30:00 PM Stop Time: 2/17/2016 6:05:00 PM
2/18/2016 10:20 Log Download - Used Battery: 0% Used Memory: 1% User Name: CShaw Interval - Start Time: 2/17/2016 5:30:00 PM Stop Time: 2/18/2016 11:00:00 AM
2/25/2016 9:31 Log Download - Used Battery: 1% Used Memory: 1% User Name: KMakar
3/3/2016 11:05 Log Download - Used Battery: 1% Used Memory: 3% User Name: SKuiper Interval - Start Time: 1/31/2016 10:30:00 PM Stop Time: 3/3/2016 11:30:00 AM
3/10/2016 14:06 Log Download - Used Battery: 1% Used Memory: 3% User Name: KMakar Interval - Start Time: 3/1/2016 12:00:00 PM Stop Time: 3/10/2016 2:15:00 PM
3/17/2016 15:14 Log Download - Used Battery: 2% Used Memory: 4% User Name: SKuiper Interval - Start Time: 3/8/2016 12:00:01 AM Stop Time: 3/17/2016 4:00:00 PM
3/24/2016 8:15 Log Download - Used Battery: 2% Used Memory: 4% User Name: KMakar Interval - Start Time: 3/15/2016 12:00:00 PM Stop Time: 3/24/2016 8:30:00 AM
3/31/2016 14:13 Log Download - Used Battery: 2% Used Memory: 6% User Name: SKuiper Interval - Start Time: 3/22/2016 12:00:00 PM Stop Time: 3/31/2016 3:00:00 PM
4/7/2016 8:45 Log Download - Used Battery: 3% Used Memory: 6% User Name: KMakar Interval - Start Time: 2/29/2016 5:00:00 PM Stop Time: 4/7/2016 1:30:00 PM
4/14/2016 8:24 Log Download - Used Battery: 3% Used Memory: 7% User Name: SKuiper Interval - Start Time: 4/5/2016 12:00:00 PM Stop Time: 4/14/2016 9:00:00 AM
4/21/2016 8:37 Log Download - Used Battery: 4% Used Memory: 7% User Name: ELinden Interval - Start Time: 4/12/2016 1:30:00 PM Stop Time: 4/21/2016 8:30:00 AM
4/28/2016 9:52 Log Download - Used Battery: 4% Used Memory: 9% User Name: KMakar Interval - Start Time: 4/19/2016 5:00:00 PM Stop Time: 4/28/2016 10:30:00 AM
5/5/2016 7:43 Log Download - Used Battery: 4% Used Memory: 9% User Name: SKuiper Interval - Start Time: 3/31/2016 12:00:00 PM Stop Time: 5/5/2016 8:05:00 AM
5/12/2016 8:17 Log Download - Used Battery: 5% Used Memory: 10% User Name: SKuiper Interval - Start Time: 5/3/2016 12:00:00 PM Stop Time: 5/12/2016 2:30:00 PM
5/12/2016 8:20 Log Download - Used Battery: 5% Used Memory: 10% User Name: SKuiper Interval - Start Time: 5/3/2016 12:00:00 PM Stop Time: 5/12/2016 8:15:00 AM
5/19/2016 11:18 Log Download - Used Battery: 5% Used Memory: 12% User Name: ELinden Interval - Start Time: 5/10/2016 12:00:00 PM Stop Time: 5/19/2016 1:00:00 PM
5/19/2016 11:22 Log Download - Used Battery: 5% Used Memory: 12% User Name: ELinden Interval - Start Time: 5/10/2016 12:00:00 PM Stop Time: 5/19/2016 11:45:00 AM
5/26/2016 8:04 Log Download - Used Battery: 5% Used Memory: 12% User Name: SKuiper Interval - Start Time: 5/17/2016 6:00:00 PM Stop Time: 5/26/2016 4:45:00 PM
6/2/2016 9:56 Log Download - Used Battery: 1% Used Memory: 14% User Name: SKuiper Interval - Start Time: 4/30/2016 10:00:00 PM Stop Time: 6/2/2016 4:15:00 PM
6/9/2016 8:06 Log Download - Used Battery: 6% Used Memory: 14% User Name: CShaw Interval - Start Time: 5/31/2016 5:00:00 AM Stop Time: 6/9/2016 5:30:00 PM
6/16/2016 9:25 Log Download - Used Battery: 6% Used Memory: 15% User Name: SKuiper Interval - Start Time: 6/7/2016 11:30:00 PM Stop Time: 6/16/2016 10:15:00 AM
6/16/2016 9:30 Log Download - Used Battery: 6% Used Memory: 15% User Name: SKuiper Interval - Start Time: 6/7/2016 11:30:00 PM Stop Time: 6/16/2016 9:15:00 AM
6/16/2016 9:32 Log Download - Used Battery: 6% Used Memory: 15% User Name: SKuiper Interval - Start Time: 6/7/2016 10:30:00 PM Stop Time: 6/16/2016 10:15:00 AM
6/23/2016 8:39 Log Download - Used Battery: 7% Used Memory: 15% User Name: SKuiper Interval - Start Time: 6/15/2016 10:00:00 PM Stop Time: 6/23/2016 7:15:00 PM
7/1/2016 10:10 Log Download - Used Battery: 7% Used Memory: 17% User Name: SKuiper Interval - Start Time: 5/31/2016 10:00:00 PM Stop Time: 7/1/2016 10:15:00 AM
7/8/2016 10:40 Log Download - Used Battery: 8% Used Memory: 17% User Name: SKuiper Interval - Start Time: 6/29/2016 10:00:00 PM Stop Time: 7/8/2016 11:00:00 AM
7/14/2016 16:49 Log Download - Used Battery: 8% Used Memory: 18% User Name: ELinden Interval - Start Time: 7/5/2016 12:00:00 PM Stop Time: 7/14/2016 5:45:00 PM
7/21/2016 16:10 Log Download - Used Battery: 8% Used Memory: 18% User Name: SKuiper Interval - Start Time: 7/13/2016 10:00:00 PM Stop Time: 7/21/2016 4:45:00 PM
7/28/2016 16:57 Log Download - Used Battery: 9% Used Memory: 20% User Name: SKuiper Interval - Start Time: 7/20/2016 10:00:00 PM Stop Time: 7/28/2016 5:30:00 PM
8/4/2016 14:05 Log Download - Used Battery: 9% Used Memory: 20% User Name: SKuiper Interval - Start Time: 6/30/2016 10:00:00 PM Stop Time: 8/4/2016 2:00:00 PM
8/11/2016 9:44 Log Download - Used Battery: 9% Used Memory: 21% User Name: ELinden Interval - Start Time: 8/3/2016 12:00:00 PM Stop Time: 8/11/2016 5:00:00 PM
8/18/2016 14:05 Log Download - Used Battery: 12% Used Memory: 21% User Name: SKuiper Interval - Start Time: 8/10/2016 10:00:00 PM Stop Time: 8/18/2016 3:50:00 PM
8/25/2016 11:10 Log Download - Used Battery: 10% Used Memory: 23% User Name: ELinden Interval - Start Time: 8/17/2016 10:00:00 PM Stop Time: 8/25/2016 12:15:00 PM
9/1/2016 8:18 Log Download - Used Battery: 10% Used Memory: 23% User Name: skuiper Interval - Start Time: 7/31/2016 10:00:00 PM Stop Time: 9/1/2016 6:15:00 PM
9/8/2016 16:12 Log Download - Used Battery: 11% Used Memory: 25% User Name: SKuiper Interval - Start Time: 8/31/2016 10:00:00 PM Stop Time: 9/8/2016 4:45:00 PM
9/15/2016 12:00 Log Download - Used Battery: 11% Used Memory: 25% User Name: ANorris Interval - Start Time: 9/7/2016 10:00:00 PM Stop Time: 9/15/2016 12:45:00 PM
9/22/2016 10:14 Log Download - Used Battery: 12% Used Memory: 26% User Name: ANorris Interval - Start Time: 9/14/2016 10:00:00 PM Stop Time: 9/22/2016 10:00:00 PM
10/1/2016 8:44 Log Download - Used Battery: 12% Used Memory: 28% User Name: ANorris Interval - Start Time: 9/21/2016 10:00:00 PM Stop Time: 10/1/2016 9:45:00 AM
10/7/2016 15:34 Log Download - Used Battery: 12% Used Memory: 28% User Name: SKuiper Interval - Start Time: 9/28/2016 10:00:00 PM Stop Time: 10/7/2016 3:45:00 PM
10/13/2016 15:11 Log Download - Used Battery: 13% Used Memory: 29% User Name: SKuiper Interval - Start Time: 10/5/2016 10:00:00 PM Stop Time: 10/13/2016 3:15:00 PM
10/20/2016 14:24 Log Download - Used Battery: 13% Used Memory: 29% User Name: SKuiper Interval - Start Time: 10/12/2016 10:00:00 PM Stop Time: 10/20/2016 3:15:00 PM
10/27/2016 14:36 Log Download - Used Battery: 13% Used Memory: 31% User Name: SKuiper Interval - Start Time: 10/19/2016 10:00:00 PM Stop Time: 10/27/2016 2:45:00 PM
11/3/2016 14:09 Log Download - Used Battery: 14% Used Memory: 31% User Name: SKuiper Interval - Start Time: 9/30/2016 10:00:00 PM Stop Time: 11/3/2016 3:00:00 PM
11/10/2016 15:30 Log Download - Used Battery: 14% Used Memory: 32% User Name: SKuiper Interval - Start Time: 11/2/2016 10:00:00 PM Stop Time: 11/10/2016 4:00:00 PM
11/17/2016 13:31 Log Download - Used Battery: 15% Used Memory: 32% User Name: SKuiper Interval - Start Time: 11/9/2016 10:00:00 PM Stop Time: 11/17/2016 4:30:00 PM
11/24/2016 10:39 Log Download - Used Battery: 15% Used Memory: 34% User Name: SKuiper Interval - Start Time: 11/15/2016 10:00:00 PM Stop Time: 11/24/2016 5:15:00 PM
11/24/2016 10:41 Log Download - Used Battery: 15% Used Memory: 34% User Name: SKuiper Interval - Start Time: 11/15/2016 10:00:00 PM Stop Time: 11/24/2016 10:30:00 AM
11/24/2016 10:42 Log Download - Used Battery: 15% Used Memory: 34% User Name: SKuiper Interval - Start Time: 11/15/2016 10:00:00 PM Stop Time: 11/24/2016 10:30:00 AM
12/1/2016 15:33 Log Download - Used Battery: 15% Used Memory: 34% User Name: SKuiper Interval - Start Time: 10/31/2016 10:00:00 PM Stop Time: 12/1/2016 3:45:00 PM
12/8/2016 15:10 Log Download - Used Battery: 16% Used Memory: 35% User Name: SKuiper Interval - Start Time: 11/30/2016 10:00:00 PM Stop Time: 12/8/2016 4:30:00 PM
12/15/2016 14:27 Log Download - Used Battery: 16% Used Memory: 35% User Name: SKuiper Interval - Start Time: 12/7/2016 10:00:00 PM Stop Time: 12/15/2016 3:45:00 PM
12/21/2016 16:48 Log Download - Used Battery: 16% Used Memory: 37% User Name: ANorris Interval - Start Time: 9/14/2016 10:00:00 PM Stop Time: 10/2/2016 5:00:00 PM
12/21/2016 16:54 Log Download - Used Battery: 16% Used Memory: 37% User Name: ANorris Interval - Start Time: 12/14/2016 10:00:00 PM Stop Time: 12/21/2016 5:00:00 PM
12/22/2016 9:26 Log Download - Used Battery: 16% Used Memory: 37% User Name: ANorris Interval - Start Time: 12/14/2016 10:00:00 PM Stop Time: 12/22/2016 5:00:00 PM
1/5/2017 9:07 Log Download - Used Battery: 17% Used Memory: 39% User Name: SKuiper Interval - Start Time: 11/30/2016 10:00:00 PM Stop Time: 1/5/2017 4:30:00 PM
1/12/2017 14:53 Log Download - Used Battery: 17% Used Memory: 39% User Name: SKuiper Interval - Start Time: 1/4/2017 10:00:00 PM Stop Time: 1/12/2017 3:00:00 PM
1/19/2017 11:57 Log Download - Used Battery: 18% Used Memory: 40% User Name: EHernandez Interval - Start Time: 1/11/2017 10:00:00 PM Stop Time: 1/19/2017 12:15:00 PM
1/26/2017 7:52 Log Download - Used Battery: 18% Used Memory: 40% User Name: SKuiper Interval - Start Time: 1/18/2017 10:00:00 PM Stop Time: 1/26/2017 5:30:00 PM
1/26/2017 7:54 Log Download - Used Battery: 18% Used Memory: 40% User Name: SKuiper Interval - Start Time: 1/18/2017 10:00:00 PM Stop Time: 1/26/2017 7:45:00 AM
2/2/2017 13:26 Log Download - Used Battery: 19% Used Memory: 42% User Name: WMassoll Interval - Start Time: 12/31/2016 10:00:00 PM Stop Time: 2/2/2017 1:55:00 PM
2/9/2017 14:15 Log Download - Used Battery: 19% Used Memory: 42% User Name: EHernandez Interval - Start Time: 2/1/2017 12:00:00 AM Stop Time: 2/9/2017 3:00:00 PM
2/16/2017 9:55 Log Download - Used Battery: 19% Used Memory: 43% User Name: WMassoll Interval - Start Time: 2/8/2017 10:00:00 PM Stop Time: 2/16/2017 10:15:00 AM
11/10/2017 8:36 User Note: "Pressure & Level adjusted by baro data from: "MPWSP Barotroll_2017-11-09_18-08-51-172.wsl""

Log Data:
Record Count 736
Sensors 2
1 440621 PCTD 100 PSIA (60.1m/197.3ft)
2 0 Baro-Adjustment Calc
Time Zone: Pacific Daylight Time/Pacific Standard Time

		Sensor: PCTD(A) 197.3ft SNR: 440621	Sensor: PCTD(A) 197.3ft SNR: 440621	Sensor: PCTD(A) 197.3ft SNR: 440621	Sensor: PCTD(A) 197.3ft SNR: 440621	Sensor: PCTD(A) 197.3ft SNR: 440621	Sensor: PCTD(A) 197.3ft SNR: 440621	Sensor: PCTD(A) 197.3ft SNR: 440621	Sensor: PCTD(A) 197.3ft SNR: 440621	Sensor: PCTD(A) 197.3ft SNR: 440621	Sensor: PCTD(A) 197.3ft SNR: 440621	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)	
11/2/2017 0:00	7200	58.952	16.876	136.118	1184.84	1402.449	0.709	0.954	843.996	0.999	14.716	
11/2/2017 0:15	8100	58.942	16.872	136.096	1185.654	1403.541	0.71	0.954	843.416	0.999	14.716	
11/2/2017 0:30	9000	58.935	16.872	136.08	1186.061	1404.023	0.71	0.955	843.127	0.999	14.726	
11/2/2017 0:45	9900	58.952	16.872	136.119	1187.99	1406.298	0.711	0.956	841.758	0.999	14.712	
11/2/2017 1:00	10800	58.944	16.873	136.1	1186.967	1405.068	0.71	0.955	842.483	0.999	14.719	
11/2/2017 1:15	11700	58.946	16.873	136.104	1186.761	1404.841	0.71	0.955	842.629	0.999	14.719	
11/2/2017 1:30	12600	58.936	16.874	136.08	1187.699	1405.895	0.711	0.956	841.964	0.999	14.724	
11/2/2017 1:45	13500	58.945	16.877	136.101	1186.226	1404.057	0.71	0.955	843.01	0.999	14.715	
11/2/2017 2:00	14400	58.942	16.873	136.095	1186.06	1403.997	0.71	0.955	843.127	0.999	14.722	
11/2/2017 2:15	15300	58.944	16.875	136.1	1187.719	1405.902	0.711	0.956	841.95	0.999	14.72	
11/2/2017 2:30	16200	58.953	16.871	136.121	1185.903	1403.864	0.71	0.955	843.239	0.999	14.716	
11/2/2017 2:45	17100	58.95	16.875	136.115	1185.255	1402.975	0.709	0.954	843.7	0.999	14.718	
11/2/2017 3:00	18000	58.943	16.875	136.097	1187.035	1405.078	0.71	0.955	842.435	0.999	14.723	
11/2/2017 3:15	18900	58.947	16.874	136.108	1185.551	1403.349	0.709	0.954	843.49	0.999	14.722	
11/2/2017 3:30	19800	58.942	16.874	136.095	1185.32	1403.076	0.709	0.954	843.654	0.999	14.724	
11/2/2017 3:45	20700	58.944	16.873	136.099	1186.245	1404.204	0.71	0.955	842.996	0.999	14.721	
11/2/2017 4:00	21600	58.965	16.873	136.148	1186.697	1404.756	0.71	0.955	842.675	0.999	14.719	
11/2/2017 4:15	22500	58.948	16.874	136.109	1185.068	1402.78	0.709	0.954	843.834	0.999	14.718	
11/2/2017 4:30	23400	58.952	16.871	136.118	1187.006	1405.192	0.71	0.956	842.456	0.999	14.711	
11/2/2017 4:45	24300	58.943	16.873	136.096	1186.215	1404.166	0.71	0.955	843.018	0.999	14.722	
11/2/2017 5:00	25200	58.954	16.872	136.123	1186.847	1404.956	0.71	0.955	842.569	0.999	14.714	
11/2/2017 5:15	26100	58.949	16.872	136.112	1185.799	1403.71	0.71	0.955	843.313	0.999	14.72	
11/2/2017 5:30	27000	58.954	16.873	136.123	1187.368	1405.553	0.711	0.956	842.199	0.999	14.722	
11/2/2017 5:45	27900	58.96	16.872	136.137	1187.18	1405.35	0.711	0.956	842.333	0.999	14.721	
11/2/2017 6:00	28800	58.969	16.871	136.157	1185.868	1403.845	0.71	0.955	843.264	0.999	14.717	
11/2/2017 6:15	29700	58.964	16.873	136.146	1186.69	1404.753	0.71	0.955	842.68	0.999	14.723	
11/2/2017 6:30	30600	58.971	16.874	136.162	1186.054	1403.945	0.71	0.955	843.132	0.999	14.72	
11/2/2017 6:45	31500	58.975	16.872	136.172	1186.629	1404.709	0.71	0.955	842.724	0.999	14.725	
11/2/2017 7:00	32400	58.976	16.876	136.173	1187.394	1405.481	0.711	0.956	842.181	0.999	14.729	
11/2/2017 7:15	33300	58.976	16.873	136.174	1184.772	1402.478	0.709	0.954	844.044	0.999	14.729	
11/2/2017 7:30	34200	58.981	16.874	136.185	1186.536	1404.533	0.71	0.955	842.789	0.999	14.731	
11/2/2017 7:45	35100	58.984	16.871	136.192	1186.652	1404.756	0.71	0.955	842.707	0.999	14.729	
11/2/2017 8:00	36000	58.976	16.874	136.175	1184.868	1402.567	0.709	0.954	843.976	0.999	14.737	
11/2/2017 8:15	36900	58.985	16.873	136.194	1185.916	1403.82	0.71	0.955	843.23	0.999	14.736	
11/2/2017 8:30	37800	58.982	16.872	136.188	1187.062	1405.224	0.71	0.956	842.416	0.999	14.74	
11/2/2017 8:45	38700	58.981	16.87	136.186	1186.574	1404.686	0.71	0.955	842.762	0.999	14.738	
11/2/2017 9:00	39600	58.976	16.875	136.173	1185.789	1403.609	0.71	0.954	843.32	0.999	14.749	
11/2/2017 9:15	40500	58.971	16.873	136.162	1187.862	1406.138	0.711	0.956	841.849	0.999	14.748	
11/2/2017 9:30	41400	58.968	16.874	136.155	1187.299	1405.416	0.711	0.956	842.247	0.999	14.748	
11/2/2017 9:45	42300	58.968	16.872	136.154	1186.247	1404.262	0.71	0.955	842.995	0.999	14.75	
11/2/2017 10:00	43200	58.957	16.871	136.129	1186.891	1405.033	0.71	0.955	842.537	0.999	14.758	
11/2/2017 10:15	44100	58.956	16.868	136.127	1187.16	1405.443	0.711	0.956	842.347	0.999	14.755	
11/2/2017 10:30	45000	58.948	16.869	136.128	1186	1404.04	0.71	0.955	843.17	0.999	14.757	
11/2/2017 10:45	45900	58.957	16.87	136.131	1186.455	1404.567	0.71	0.955	842.847	0.999	14.747	
11/2/2017 11:00	46800	58.948	16.873	136.108	1186.118	1404.06	0.71	0.955	843.086	0.999	14.747	
11/2/2017 11:15	47700	58.951	16.87	136.117	1187.003	1405.221	0.71	0.956	842.458	0.999	14.741	
11/2/2017 11:30	48600	58.942	16.87	136.096	1184.956	1402.773	0.709	0.954	843.913	0.999	14.747	
11/2/2017 11:45	49500	58.936	16.878	136.081	1185.28	1402.909	0.709	0.954	843.683	0.999	14.745	
11/2/2017 12:00	50400	58.932	16.874	136.072	1184.46	1402.072	0.709	0.953	844.267	0.999	14.748	
11/2/2017 12:15	51300	58.927	16.876	136.061	1184.505	1402.05	0.709	0.953	844.234	0.999	14.745	
11/2/2017 12:30	52200	58.928	16.875	136.062	1184.451	1402.017	0.709	0.953	844.273	0.999	14.745	
11/2/2017 12:45	53100	58.928	16.876	136.062	1185.266	1402.954	0.709	0.954	843.692	0.999	14.743	
11/2/2017 13:00	54000	58.926	16.875	136.058	1185.388	1403.13	0.709	0.954	843.605	0.999	14.744	
11/2/2017 13:15	54900	58.919	16.877	136.042	1185.892	1403.673	0.71	0.954	843.247	0.999	14.745	
11/2/2017 13:30	55800	58.918	16.879	136.04	1185.92	1403.644	0.71	0.954	843.227	0.999	14.741	
11/2/2017 13:45	56700	58.923	16.875	136.052	1185.79	1403.622	0.71	0.954	843.319	0.999	14.739	
11/2/2017 14:00	57600	58.923	16.879	136.051	1185.298	1402.941	0.709	0.954	843.67	0.999	14.738	
11/2/2017 14:15	58500	58.923	16.874	136.052	1185.974	1403.85	0.71	0.955	843.189	0.999	14.734	
11/2/2017 14:30	59400	58.923	16.874	136.051	1185.28	1403.048	0.709	0.954	843.682	0.999	14.738	
11/2/2017 14:45	60300	58.928	16.877	136.062	1186.443	1404.307	0.71	0.955	842.856	0.999	14.731	
11/2/2017 15:00	61200	58.935	16.877	136.079	1185.046	1402.666	0.709	0.954	843.849	0.999	14.734	
11/2/2017 15:15	62100	58.926	16.877	136.059	1185.558	1403.263	0.709	0.954	843.485	0.999	14.733	
11/2/2017 15:30	63000	58.923	16.879	136.051	1185.297	1402.901	0.709	0.954	843.67	0.999	14.738	
11/2/2017 15:45	63900	58.928	16.877	136.062	1185.874	1403.659	0.71	0.954	843.26	0.999	14.735	
11/2/2017 16:00	64800	58.933	16.876	136.073	1184.599	1402.169	0.709	0.953	844.167	0.999	14.729	
11/2/2017 16:15	65700	58.926	16.873	136.058	1185.158	1402.938	0.709	0.954	843.762	0.999	14.729	
11/2/2017 16:30	66600	58.925	16.877	136.055	1185.643	1403.375	0.709	0.954	843.424	0.999	14.737	
11/2/2017 16:45	67500	58.925	16.877	136.055	1185.016	1402.63	0.709	0.954	843.871	0.999	14.735	
11/2/2017 17:00	68400	58.913	16.877	136.027	1185.161	1402.791	0.709	0.954	843.767	0.999	14.742	
11/2/2017 17:15	69300	58.928	16.876	136.064	1184.671	1402.241	0.709	0.954	844.116	0.999	14.737	

11/2/2017 17:30	70200	58.918	16.875	136.04	1186.505	1404.452	0.71	0.955	842.811	0.999	14.735
11/2/2017 17:45	71100	58.92	16.873	136.044	1184.654	1402.318	0.709	0.954	844.129	0.999	14.732
11/2/2017 18:00	72000	58.907	16.876	136.014	1185.783	1403.558	0.71	0.954	843.324	0.999	14.741
11/2/2017 18:15	72900	58.916	16.876	136.035	1185.385	1403.117	0.709	0.954	843.608	0.999	14.73
11/2/2017 18:30	73800	58.906	16.879	136.012	1185.422	1403.039	0.709	0.954	843.581	0.999	14.734
11/2/2017 18:45	74700	58.906	16.872	136.013	1186.276	1404.271	0.71	0.955	842.974	0.999	14.738
11/2/2017 19:00	75600	58.906	16.876	136.012	1184.791	1402.4	0.709	0.954	844.031	0.999	14.738
11/2/2017 19:15	76500	58.905	16.874	136.009	1184.948	1402.65	0.709	0.954	843.919	0.999	14.74
11/2/2017 19:30	77400	58.903	16.875	136.004	1184.545	1402.137	0.709	0.953	844.206	0.999	14.74
11/2/2017 19:45	78300	58.903	16.875	136.005	1185.09	1402.798	0.709	0.954	843.818	0.999	14.738
11/2/2017 20:00	79200	58.895	16.879	135.987	1185.686	1403.356	0.709	0.954	843.394	0.999	14.744
11/2/2017 20:15	80100	58.904	16.875	136.008	1184.435	1402.006	0.709	0.953	844.285	0.999	14.734
11/2/2017 20:30	81000	58.897	16.875	135.992	1185.398	1403.115	0.709	0.954	843.599	0.999	14.741
11/2/2017 20:45	81900	58.892	16.874	135.979	1184.801	1402.49	0.709	0.954	844.024	0.999	14.738
11/2/2017 21:00	82800	58.896	16.88	135.989	1187.2	1405.137	0.71	0.955	842.318	0.999	14.736
11/2/2017 21:15	83700	58.887	16.877	135.968	1185.756	1403.5	0.71	0.954	843.344	0.999	14.743
11/2/2017 21:30	84600	58.898	16.873	135.994	1184.834	1402.543	0.709	0.954	844	0.999	14.733
11/2/2017 21:45	85500	58.886	16.876	135.966	1185.126	1402.789	0.709	0.954	843.792	0.999	14.744
11/2/2017 22:00	86400	58.887	16.877	135.968	1186.498	1404.393	0.71	0.955	842.817	0.999	14.746
11/2/2017 22:15	87300	58.889	16.879	135.973	1186.286	1404.08	0.71	0.955	842.967	0.999	14.739
11/2/2017 22:30	88200	58.886	16.873	135.966	1185.557	1403.403	0.71	0.954	843.486	0.999	14.742
11/2/2017 22:45	89100	58.887	16.877	135.967	1185.728	1403.461	0.71	0.954	843.364	0.999	14.745
11/2/2017 23:00	90000	58.883	16.877	135.96	1185.02	1402.635	0.709	0.954	843.868	0.999	14.747
11/2/2017 23:15	90900	58.892	16.876	135.981	1185.224	1402.913	0.709	0.954	843.722	0.999	14.741
11/2/2017 23:30	91800	58.885	16.875	135.963	1185.717	1403.521	0.71	0.954	843.372	0.999	14.744
11/2/2017 23:45	92700	58.884	16.874	135.961	1184.375	1401.968	0.709	0.953	844.327	0.999	14.749
11/3/2017 0:00	93600	58.883	16.876	135.96	1186.16	1404.026	0.71	0.955	843.057	0.999	14.745
11/3/2017 0:15	94500	58.882	16.873	135.958	1185.257	1403.043	0.709	0.954	843.699	0.999	14.75
11/3/2017 0:30	95400	58.888	16.876	135.971	1185.278	1402.985	0.709	0.954	843.684	0.999	14.746
11/3/2017 0:45	96300	58.892	16.876	135.98	1185.737	1403.509	0.71	0.954	843.357	0.999	14.744
11/3/2017 1:00	97200	58.893	16.878	135.982	1186.284	1404.108	0.71	0.955	842.969	0.999	14.744
11/3/2017 1:15	98100	58.89	16.878	135.975	1186.802	1404.731	0.71	0.955	842.6	0.999	14.746
11/3/2017 1:30	99000	58.896	16.876	135.989	1186.192	1404.061	0.71	0.955	843.034	0.999	14.739
11/3/2017 1:45	99900	58.897	16.877	135.992	1185.944	1403.737	0.71	0.955	843.21	0.999	14.743
11/3/2017 2:00	100800	58.897	16.876	135.991	1185.658	1403.44	0.71	0.954	843.414	0.999	14.749
11/3/2017 2:15	101700	58.899	16.877	135.996	1185.626	1403.354	0.709	0.954	843.437	0.999	14.748
11/3/2017 2:30	102600	58.901	16.876	135.985	1185.962	1403.817	0.71	0.955	843.197	0.999	14.749
11/3/2017 2:45	103500	58.895	16.876	135.987	1185.873	1403.689	0.71	0.955	843.261	0.999	14.751
11/3/2017 3:00	104400	58.899	16.875	135.997	1185.81	1403.628	0.71	0.954	843.306	0.999	14.74
11/3/2017 3:15	105300	58.899	16.876	135.995	1185.917	1403.744	0.71	0.955	843.229	0.999	14.745
11/3/2017 3:30	106200	58.908	16.874	136.016	1184.883	1402.559	0.709	0.954	843.965	0.999	14.741
11/3/2017 3:45	107100	58.901	16.877	136.001	1185.623	1403.354	0.709	0.954	843.438	0.999	14.742
11/3/2017 4:00	108000	58.914	16.876	136.02	1185.11	1402.795	0.709	0.954	843.804	0.999	14.732
11/3/2017 4:15	108900	58.914	16.876	136.031	1185.834	1403.623	0.71	0.954	843.288	0.999	14.736
11/3/2017 4:30	109800	58.91	16.875	136.022	1184.231	1401.782	0.709	0.953	844.43	0.999	14.746
11/3/2017 4:45	110700	58.915	16.873	136.034	1186.087	1404.014	0.71	0.955	843.109	0.999	14.744
11/3/2017 5:00	111600	58.916	16.873	136.035	1185.294	1403.09	0.709	0.954	843.672	0.999	14.746
11/3/2017 5:15	112500	58.939	16.877	136.088	1185.056	1402.666	0.709	0.954	843.842	0.999	14.745
11/3/2017 5:30	113400	58.922	16.873	136.049	1185.251	1402.709	0.709	0.954	843.703	0.999	14.752
11/3/2017 5:45	114300	58.947	16.875	136.106	1185.128	1402.838	0.709	0.954	843.791	0.999	14.75
11/3/2017 6:00	115200	58.945	16.874	136.102	1186.531	1404.507	0.71	0.955	842.793	0.999	14.744
11/3/2017 6:15	116100	58.946	16.874	136.105	1185.069	1402.782	0.709	0.954	843.833	0.999	14.748
11/3/2017 6:30	117000	58.956	16.874	136.128	1186.434	1404.406	0.71	0.955	842.862	0.999	14.739
11/3/2017 6:45	117900	58.969	16.875	136.157	1184.2	1401.731	0.709	0.953	844.452	0.999	14.738
11/3/2017 7:00	118800	58.964	16.877	136.147	1184.424	1401.524	0.709	0.953	844.292	0.999	14.746
11/3/2017 7:15	119700	58.978	16.877	136.179	1183.056	1400.308	0.708	0.952	845.268	0.999	14.74
11/3/2017 7:30	120600	58.976	16.877	136.173	1185.085	1402.7	0.709	0.954	843.821	0.999	14.745
11/3/2017 7:45	121500	58.981	16.875	136.186	1185.084	1402.778	0.709	0.954	843.822	0.999	14.748
11/3/2017 8:00	122400	58.989	16.877	136.203	1185.601	1403.332	0.709	0.954	843.454	0.999	14.746
11/3/2017 8:15	123300	58.995	16.874	136.217	1186.075	1403.995	0.71	0.955	843.117	0.999	14.749
11/3/2017 8:30	124200	59.002	16.875	136.234	1184.472	1402.048	0.709	0.953	844.258	0.999	14.745
11/3/2017 8:45	125100	59.006	16.873	136.243	1185.354	1402.147	0.709	0.954	843.63	0.999	14.75
11/3/2017 9:00	126000	59.005	16.876	136.24	1184.716	1402.314	0.709	0.954	844.084	0.999	14.757
11/3/2017 9:15	126900	59.013	16.874	136.26	1184.623	1402.265	0.709	0.954	844.15	0.999	14.758
11/3/2017 9:30	127800	59.008	16.873	136.247	1186.093	1404.033	0.71	0.955	843.104	0.999	14.763
11/3/2017 9:45	128700	59.012	16.878	136.258	1185.157	1402.777	0.709	0.954	843.77	0.999	14.763
11/3/2017 10:00	129600	59.019	16.874	136.274	1184.96	1402.652	0.709	0.954	843.911	0.999	14.765
11/3/2017 10:15	130500	59.029	16.877	136.297	1183.999	1401.435	0.709	0.953	845.595	0.999	14.757
11/3/2017 10:30	131400	59.033	16.875	136.306	1185.308	1403.054	0.709	0.954	843.662	0.999	14.763
11/3/2017 10:45	132300	59.024	16.878	136.283	1184.252	1401.703	0.709	0.953	844.415	0.999	14.762
11/3/2017 11:00	133200	59.026	16.871	136.29	1184.211	1401.875	0.709	0.953	844.444	0.999	14.761
11/3/2017 11:15	134100	59.029	16.875	136.297	1185.548	1403.315	0.709	0.954	843.492	0.999	14.761
11/3/2017 11:30	135000	59.03	16.875	136.298	1184.574	1402.185	0.709	0.953	844.185	0.999	14.765
11/3/2017 11:45	135900	59.037	16.869	136.314	1185.04	1402.9	0.709	0.954	843.383	0.999	14.76
11/3/2017 12:00	136800	59.046	16.877	136.334	1184.693	1402.264	0.709	0.954	844.101	0.999	14.754
11/3/2017 12:15	137700	59.053	16.876	136.351	1183.431	1400.785	0.708	0.953	845	0.999	14.752
11/3/2017 12:30	138600	59.046	16.873	136.335	1183.663	1401.159	0.708	0.953	844.835	0.999	14.754
11/3/2017 12:45	139500	59.059	16.874	136.366	1183.881	1401.397	0.708	0.953	844.68	0.999	14.745
11/3/2017 13:00	140400	59.06	16.873	136.368	1185.375	1403.177	0.709	0.954	843.615	0.999	14.746
11/3/2017 13:15	141300	59.061	16.875	136.37	1183.538	1403.708	0.709	0.953	843.924	0.999	14.745
11/3/2017 13:30	142200	59.062	16.872	136.373	1185.016	1403.8	0.709	0.954	843.87	0.999	14.749
11/3/2017 13:45	143100	59.065	16.876	136.38	1185.426	1403.148	0.709	0.954	843.579	0.999	14.747
11/3/2017 14:00	144000	59.077	16.875	136.407	1184.532	1402.11	0.709	0.953	844.215	0.999	14.739
11/3/2017 14:15	144900	59.079	16.87	136.411	1185.759	1403.732	0.71	0.955	843.342	0.999	14.735
11/3/2017 14:30	145800	59.071	16.873	136.394	1185.622	1403.478	0.7				

11/4/2017 22:15	260100	59.166	16.872	136.613	1183.239	1400.704	0.708	0.952	845.138	0.999	14.777
11/4/2017 22:30	261000	59.166	16.871	136.613	1184.345	1402.022	0.709	0.953	844.349	0.999	14.776
11/4/2017 22:45	261900	59.17	16.87	136.622	1183.914	1401.559	0.709	0.953	844.656	0.999	14.779
11/4/2017 23:00	262800	59.172	16.869	136.627	1184.679	1402.504	0.709	0.954	844.11	0.999	14.777
11/4/2017 23:15	263700	59.175	16.867	136.633	1183.37	1401.004	0.708	0.953	845.044	0.999	14.775
11/4/2017 23:30	264600	59.177	16.872	136.639	1182.868	1400.26	0.708	0.952	845.003	0.999	14.772
11/4/2017 23:45	265500	59.173	16.869	136.628	1183.666	1401.04	0.708	0.953	844.975	0.999	14.774
11/5/2017 0:00	266400	59.175	16.871	136.634	1183.465	1401.002	0.708	0.953	844.977	0.999	14.774
11/5/2017 0:15	267300	59.172	16.87	136.627	1182.087	1399.388	0.707	0.952	845.962	0.999	14.779
11/5/2017 0:30	268200	59.172	16.87	136.625	1180.698	1397.757	0.707	0.95	846.957	0.999	14.783
11/5/2017 0:45	269100	59.177	16.867	136.637	1184.043	1401.793	0.709	0.953	844.564	0.999	14.781
11/5/2017 1:00	270000	59.178	16.872	136.639	1184.689	1402.416	0.709	0.954	844.103	0.999	14.782
11/5/2017 1:15	270900	59.178	16.868	136.641	1185.251	1403.195	0.709	0.954	843.709	0.999	14.782
11/5/2017 1:30	271800	59.183	16.871	136.651	1184.039	1401.682	0.709	0.953	844.567	0.999	14.782
11/5/2017 1:45	272700	59.178	16.871	136.641	1182.274	1399.57	0.707	0.952	845.828	0.999	14.782
11/5/2017 2:00	273600	59.189	16.869	136.666	1182.144	1399.478	0.707	0.952	845.921	0.999	14.778
11/5/2017 2:15	274500	59.18	16.871	136.644	1184.734	1402.5	0.709	0.954	844.071	0.999	14.786
11/5/2017 2:30	275400	59.184	16.87	136.655	1184.523	1402.275	0.709	0.954	844.222	0.999	14.783
11/5/2017 2:45	276300	59.19	16.869	136.668	1184.291	1402.034	0.709	0.953	843.387	0.999	14.783
11/5/2017 2:00	277200	59.192	16.869	136.673	1184.501	1402.288	0.709	0.954	844.237	0.999	14.781
11/5/2017 2:15	278100	59.19	16.869	136.668	1183.695	1401.331	0.708	0.953	844.812	0.999	14.789
11/5/2017 2:30	279000	59.198	16.872	136.687	1182.569	1399.903	0.708	0.952	845.617	0.999	14.782
11/5/2017 2:45	279900	59.196	16.87	136.683	1183.856	1401.496	0.708	0.953	844.697	0.999	14.78
11/5/2017 3:00	280800	59.196	16.87	136.681	1182.781	1400.217	0.708	0.952	845.465	0.999	14.79
11/5/2017 3:15	281700	59.207	16.869	136.708	1183.301	1400.847	0.708	0.953	845.094	0.999	14.781
11/5/2017 3:30	282600	59.204	16.87	136.7	1182.642	1400.042	0.708	0.952	845.564	0.999	14.786
11/5/2017 3:45	283500	59.21	16.871	136.713	1182.603	1399.982	0.708	0.952	845.592	0.999	14.784
11/5/2017 4:00	284400	59.213	16.869	136.721	1183.607	1401.234	0.708	0.953	844.875	0.999	14.782
11/5/2017 4:15	285300	59.217	16.871	136.73	1182.969	1400.407	0.708	0.952	845.331	0.999	14.784
11/5/2017 4:30	286200	59.219	16.869	136.734	1182.852	1400.339	0.708	0.952	845.414	0.999	14.788
11/5/2017 4:45	287100	59.219	16.869	136.736	1183.107	1400.632	0.708	0.952	845.232	0.999	14.789
11/5/2017 5:00	288000	59.218	16.872	136.733	1183.744	1401.283	0.708	0.953	844.777	0.999	14.792
11/5/2017 5:15	288900	59.219	16.87	136.735	1182.876	1400.333	0.708	0.952	845.397	0.999	14.794
11/5/2017 5:30	289800	59.231	16.873	136.763	1182.549	1399.84	0.708	0.952	845.631	0.999	14.79
11/5/2017 5:45	290700	59.235	16.867	136.773	1183.297	1400.931	0.708	0.953	845.097	0.999	14.792
11/5/2017 6:00	291600	59.238	16.871	136.778	1182.632	1400.002	0.708	0.952	845.572	0.999	14.791
11/5/2017 6:15	292500	59.239	16.868	136.782	1183.337	1400.963	0.708	0.953	845.068	0.999	14.795
11/5/2017 6:30	293400	59.244	16.87	136.793	1183.266	1400.795	0.708	0.953	845.119	0.999	14.793
11/5/2017 6:45	294300	59.24	16.869	136.784	1184.389	1402.133	0.709	0.953	844.317	0.999	14.8
11/5/2017 7:00	295200	59.243	16.869	136.79	1184.29	1402.034	0.709	0.953	844.388	0.999	14.801
11/5/2017 7:15	296100	59.242	16.868	136.789	1182.664	1400.123	0.708	0.952	845.549	0.999	14.809
11/5/2017 7:30	297000	59.248	16.869	136.802	1183.038	1400.538	0.708	0.952	845.282	0.999	14.803
11/5/2017 7:45	297900	59.255	16.867	136.815	1183.647	1401.328	0.708	0.953	844.836	0.999	14.806
11/5/2017 8:00	298800	59.243	16.868	136.791	1183.402	1401.011	0.708	0.953	845.022	0.999	14.813
11/5/2017 8:15	299700	59.251	16.867	136.809	1182.794	1400.325	0.708	0.952	845.456	0.999	14.808
11/5/2017 8:30	300600	59.25	16.869	136.807	1182.586	1400.01	0.708	0.952	845.604	0.999	14.809
11/5/2017 8:45	301500	59.248	16.868	136.802	1182.771	1400.248	0.708	0.952	845.472	0.999	14.815
11/5/2017 9:00	302400	59.252	16.866	136.811	1183.672	1401.383	0.708	0.953	844.829	0.999	14.812
11/5/2017 9:15	303300	59.263	16.869	136.814	1182.129	1399.465	0.707	0.952	845.931	0.999	14.811
11/5/2017 9:30	304200	59.25	16.87	136.806	1182.167	1399.472	0.707	0.952	845.904	0.999	14.816
11/5/2017 9:45	305100	59.247	16.871	136.8	1182.631	1400.005	0.708	0.952	845.572	0.999	14.818
11/5/2017 10:00	306000	59.253	16.87	136.813	1182.49	1399.857	0.708	0.952	845.673	0.999	14.816
11/5/2017 10:15	306900	59.255	16.868	136.819	1183	1400.532	0.708	0.952	845.309	0.999	14.814
11/5/2017 10:30	307800	59.257	16.869	136.822	1182.245	1399.591	0.707	0.952	845.849	0.999	14.814
11/5/2017 10:45	308700	59.26	16.866	136.83	1183.64	1401.36	0.708	0.953	844.851	0.999	14.813
11/5/2017 11:00	309600	59.257	16.867	136.822	1182.246	1399.659	0.708	0.952	845.847	0.999	14.813
11/5/2017 11:15	310500	59.254	16.871	136.815	1181.218	1398.329	0.707	0.951	846.584	0.999	14.812
11/5/2017 11:30	311400	59.257	16.869	136.823	1181.72	1398.975	0.707	0.951	846.224	0.999	14.805
11/5/2017 11:45	312300	59.263	16.864	136.837	1182.87	1400.504	0.708	0.952	845.401	0.999	14.802
11/5/2017 12:00	313200	59.263	16.869	136.836	1180.862	1397.96	0.707	0.951	846.839	0.999	14.803
11/5/2017 12:15	314100	59.265	16.865	136.842	1181.31	1398.623	0.707	0.951	846.518	0.999	14.799
11/5/2017 12:30	315000	59.265	16.87	136.841	1180.825	1398.425	0.707	0.951	845.547	0.999	14.794
11/5/2017 12:45	315900	59.272	16.868	136.856	1181.861	1399.198	0.707	0.951	846.123	0.999	14.793
11/5/2017 13:00	316800	59.274	16.869	136.861	1182.109	1399.448	0.707	0.952	845.945	0.999	14.786
11/5/2017 13:15	317700	59.272	16.867	136.858	1182.248	1399.659	0.708	0.952	845.846	0.999	14.786
11/5/2017 13:30	318600	59.286	16.867	136.888	1182.29	1399.72	0.708	0.952	845.816	0.999	14.78
11/5/2017 13:45	319500	59.277	16.869	136.87	1181.031	1398.182	0.707	0.951	846.718	0.999	14.787
11/5/2017 14:00	320400	59.291	16.868	136.901	1180.643	137.7743	0.707	0.95	845.996	0.999	14.781
11/5/2017 14:15	321300	59.286	16.869	136.891	1181.625	1398.866	0.707	0.951	846.292	0.999	14.78
11/5/2017 14:30	322200	59.297	16.868	136.915	1181.633	1398.925	0.707	0.951	846.287	0.999	14.778
11/5/2017 14:45	323100	59.298	16.87	136.918	1182.752	1400.189	0.708	0.952	845.486	0.999	14.778
11/5/2017 15:00	324000	59.298	16.868	136.917	1180.683	1397.779	0.707	0.95	846.967	0.999	14.781
11/5/2017 15:15	324900	59.307	16.868	136.938	1181.282	1398.501	0.707	0.951	846.538	0.999	14.777
11/5/2017 15:30	325800	59.314	16.867	136.953	1182.153	1399.56	0.707	0.952	845.914	0.999	14.782
11/5/2017 15:45	326700	59.312	16.867	136.95	1182.483	1399.946	0.708	0.952	845.678	0.999	14.778
11/5/2017 16:00	327600	59.319	16.868	136.967	1183.087	1400.647	0.708	0.952	845.247	0.999	14.777
11/5/2017 16:15	328500	59.321	16.866	136.971	1183.151	1400.761	0.708	0.953	845.201	0.999	14.778
11/5/2017 16:30	329400	59.322	16.865	136.973	1182.551	1400.092	0.708	0.952	845.63	0.999	14.776
11/5/2017 16:45	330300	59.324	16.866	136.978	1182.089	1399.509	0.707	0.952	845.96	0.999	14.779
11/5/2017 17:00	331200	59.337	16.866	137.007	1181.526	1398.867	0.707	0.951	845.363	0.999	14.774
11/5/2017 17:15	332100	59.338	16.867	137.01	1181.974	1399.365	0.707	0.952	846.042	0.999	14.772
11/5/2017 17:30	333000	59.351	16.866	137.04	1183.323	1400.979	0.708	0.953	845.078	0.999	14.766
11/5/2017 17:45	333900	59.338	16.866	137.01	1182.844	1400.403	0.708	0.952	845.42	0.999	14.782
11/5/2017 18:00	334800	59.35	16.866	137.036	1181.67	1399.013	0.707	0.951	846.26	0.999	14.778
11/5/2017 18:15	335700	59.347									

11/7/2017 2:00	450000	59.171	16.87	136.623	1180.428	1397.419	0.706	0.95	847.15	0.999	14.79
11/7/2017 2:15	450900	59.171	16.872	136.623	1182.265	1399.535	0.707	0.952	845.834	0.999	14.789
11/7/2017 2:30	451800	59.174	16.869	136.631	1180.553	1397.588	0.706	0.95	847.061	0.999	14.777
11/7/2017 2:45	452700	59.167	16.869	136.616	1179.52	1396.387	0.706	0.95	847.803	0.999	14.782
11/7/2017 3:00	453600	59.168	16.871	136.617	1182.023	1399.274	0.707	0.952	846.007	0.999	14.778
11/7/2017 3:15	454500	59.162	16.871	136.602	1183.451	1400.96	0.708	0.953	844.987	0.999	14.779
11/7/2017 3:30	455400	59.161	16.869	136.601	1181.781	1399.065	0.707	0.951	846.18	0.999	14.781
11/7/2017 3:45	456300	59.161	16.869	136.6	1182.979	1400.477	0.708	0.952	845.323	0.999	14.779
11/7/2017 4:00	457200	59.157	16.87	136.592	1181.753	1398.984	0.707	0.951	846.201	0.999	14.783
11/7/2017 4:15	458100	59.164	16.87	136.608	1183.254	1400.783	0.708	0.953	845.127	0.999	14.777
11/7/2017 4:30	459000	59.16	16.872	136.598	1179.672	1396.454	0.706	0.95	847.693	0.999	14.783
11/7/2017 4:45	459900	59.159	16.871	136.597	1181.114	1398.205	0.707	0.951	846.658	0.999	14.781
11/7/2017 5:00	460800	59.169	16.87	136.62	1181.498	1398.696	0.707	0.951	846.383	0.999	14.78
11/7/2017 5:15	461700	59.163	16.87	136.607	1180.055	1396.974	0.706	0.95	847.418	0.999	14.789
11/7/2017 5:30	462600	59.169	16.872	136.62	1180.823	1397.841	0.707	0.951	846.867	0.999	14.788
11/7/2017 5:45	463500	59.167	16.872	136.615	1181.561	1398.703	0.707	0.951	846.338	0.999	14.795
11/7/2017 6:00	464400	59.182	16.869	136.65	1178.249	1394.867	0.705	0.949	848.717	0.999	14.787
11/7/2017 6:15	465300	59.178	16.871	136.64	1180.733	1397.749	0.707	0.95	846.931	0.999	14.791
11/7/2017 6:30	466200	59.181	16.871	136.648	1184.554	1402.292	0.709	0.954	844.2	0.999	14.794
11/7/2017 6:45	467100	59.187	16.87	136.661	1182.714	1400.138	0.708	0.952	845.513	0.999	14.791
11/7/2017 7:00	468000	59.194	16.872	136.677	1182.456	1399.766	0.708	0.952	845.697	0.999	14.79
11/7/2017 7:15	468900	59.201	16.869	136.693	1179.667	1396.548	0.706	0.95	847.697	0.999	14.791
11/7/2017 7:30	469800	59.204	16.872	136.7	1178.819	1395.453	0.705	0.949	848.306	0.999	14.79
11/7/2017 7:45	470700	59.203	16.874	136.698	1179.353	1396.038	0.706	0.949	847.922	0.999	14.792
11/7/2017 8:00	471600	59.208	16.873	136.709	1179.516	1396.221	0.706	0.949	847.805	0.999	14.792
11/7/2017 8:15	472500	59.212	16.872	136.719	1181.131	1398.195	0.707	0.951	846.646	0.999	14.791
11/7/2017 8:30	473400	59.2	16.875	136.691	1176.913	1393.105	0.704	0.947	849.681	0.999	14.801
11/7/2017 8:45	474300	59.201	16.88	136.693	1173.585	1389.003	0.702	0.945	852.09	0.999	14.801
11/7/2017 9:00	475200	59.203	16.876	136.697	1174.755	1390.526	0.703	0.946	851.241	0.999	14.796
11/7/2017 9:15	476100	59.197	16.876	136.684	1174.875	1390.668	0.703	0.946	851.155	0.999	14.796
11/7/2017 9:30	477000	59.198	16.875	136.686	1178.02	1394.463	0.705	0.948	848.882	0.999	14.79
11/7/2017 9:45	477900	59.197	16.872	136.685	1176.943	1393.221	0.704	0.947	849.659	0.999	14.788
11/7/2017 10:00	478800	59.203	16.872	136.698	1176.899	1393.172	0.704	0.947	849.691	0.999	14.778
11/7/2017 10:15	479700	59.2	16.87	136.691	1179.738	1396.612	0.706	0.95	847.646	0.999	14.784
11/7/2017 10:30	480600	59.192	16.87	136.672	1178.15	1394.727	0.705	0.948	848.789	0.999	14.787
11/7/2017 10:45	481500	59.198	16.868	136.687	1179.287	1396.134	0.706	0.949	847.97	0.999	14.782
11/7/2017 11:00	482400	59.196	16.869	136.682	1179.699	1396.58	0.706	0.95	847.674	0.999	14.782
11/7/2017 11:15	483300	59.191	16.868	136.669	1180.159	1397.178	0.706	0.95	847.343	0.999	14.784
11/7/2017 11:30	484200	59.206	16.869	136.704	1180.571	1397.613	0.706	0.95	847.048	0.999	14.769
11/7/2017 11:45	485100	59.195	16.867	136.68	1180.38	1397.475	0.706	0.95	847.185	0.999	14.777
11/7/2017 12:00	486000	59.189	16.867	136.665	1181.334	1398.591	0.707	0.951	846.5	0.999	14.78
11/7/2017 12:15	486900	59.199	16.869	136.688	1177.534	1394.028	0.705	0.948	849.233	0.999	14.769
11/7/2017 12:30	487800	59.191	16.865	136.671	1180.745	1397.949	0.707	0.951	846.923	0.999	14.773
11/7/2017 12:45	488700	59.198	16.867	136.687	1179.625	1396.564	0.706	0.95	847.727	0.999	14.771
11/7/2017 13:00	489600	59.196	16.869	136.683	1180.802	1397.883	0.707	0.951	846.882	0.999	14.766
11/7/2017 13:15	490500	59.21	16.867	136.715	1180.423	1397.521	0.706	0.95	847.154	0.999	14.762
11/7/2017 13:30	491400	59.205	16.868	136.703	1179.668	1396.577	0.706	0.95	847.696	0.999	14.764
11/7/2017 13:45	492300	59.207	16.867	136.708	1180.331	1397.417	0.706	0.95	847.22	0.999	14.763
11/7/2017 14:00	493200	59.207	16.867	136.707	1181.345	1398.6	0.707	0.951	846.493	0.999	14.764
11/7/2017 14:15	494100	59.216	16.867	136.728	1180.211	1397.263	0.706	0.95	847.306	0.999	14.76
11/7/2017 14:30	495000	59.212	16.867	136.719	1179.589	1396.52	0.706	0.95	847.753	0.999	14.764
11/7/2017 14:45	495900	59.208	16.872	136.71	1179.143	1395.828	0.705	0.949	848.073	0.999	14.766
11/7/2017 15:00	496800	59.213	16.868	136.721	1180.002	1396.986	0.706	0.95	847.456	0.999	14.758
11/7/2017 15:15	497700	59.214	16.867	136.724	1180.597	1397.707	0.706	0.95	847.029	0.999	14.756
11/7/2017 15:30	498600	59.219	16.869	136.735	1180.865	1397.986	0.707	0.951	846.837	0.999	14.756
11/7/2017 15:45	499500	59.213	16.868	136.721	1180.977	1398.138	0.707	0.951	846.756	0.999	14.754
11/7/2017 16:00	500400	59.218	16.867	136.732	1181.488	1398.782	0.707	0.951	846.39	0.999	14.751
11/7/2017 16:15	501300	59.208	16.867	136.709	1179.705	1396.673	0.706	0.95	847.67	0.999	14.758
11/7/2017 16:30	502200	59.213	16.87	136.722	1180.918	1398.018	0.707	0.951	846.799	0.999	14.754
11/7/2017 16:45	503100	59.211	16.871	136.715	1179.748	1396.599	0.706	0.95	847.639	0.999	14.754
11/7/2017 17:00	504000	59.211	16.869	136.717	1181.355	1398.552	0.707	0.951	846.486	0.999	14.752
11/7/2017 17:15	504900	59.212	16.868	136.72	1181.63	1398.921	0.707	0.951	846.289	0.999	14.749
11/7/2017 17:30	505800	59.198	16.867	136.686	1179.908	1396.897	0.706	0.95	847.524	0.999	14.759
11/7/2017 17:45	506700	59.201	16.868	136.694	1180.278	1397.313	0.706	0.95	847.258	0.999	14.756
11/7/2017 18:00	507600	59.201	16.868	136.693	1182.457	1399.876	0.708	0.952	845.697	0.999	14.755
11/7/2017 18:15	508500	59.193	16.87	136.675	1181.985	1399.281	0.707	0.952	846.034	0.999	14.761
11/7/2017 18:30	509400	59.198	16.867	136.686	1182.126	1399.517	0.707	0.952	845.934	0.999	14.764
11/7/2017 18:45	510300	59.196	16.868	136.681	1180.445	1397.513	0.706	0.95	847.138	0.999	14.765
11/7/2017 19:00	511200	59.205	16.867	136.702	1180.485	1397.583	0.706	0.95	847.109	0.999	14.758
11/7/2017 19:15	512100	59.21	16.867	136.713	1180.59	1397.699	0.706	0.95	847.034	0.999	14.758
11/7/2017 19:30	513000	59.204	16.868	136.699	1180.563	1397.636	0.706	0.95	847.054	0.999	14.764
11/7/2017 19:45	513900	59.216	16.868	136.728	1182.052	1399.402	0.707	0.952	845.987	0.999	14.754
11/7/2017 20:00	514800	59.212	16.866	136.718	1181.125	1398.391	0.707	0.951	846.65	0.999	14.765
11/7/2017 20:15	515700	59.218	16.866	136.733	1180.348	1397.462	0.706	0.95	847.208	0.999	14.762
11/7/2017 20:30	516600	59.219	16.867	136.734	1179.945	1396.957	0.706	0.95	847.497	0.999	14.759
11/7/2017 20:45	517500	59.221	16.867	136.739	1179.643	1396.592	0.706	0.95	847.714	0.999	14.763
11/7/2017 21:00	518400	59.218	16.866	136.732	1181.364	1398.646	0.707	0.951	846.479	0.999	14.766
11/7/2017 21:15	519300	59.218	16.868	136.732	1180.727	1397.833	0.707	0.951	846.936	0.999	14.768
11/7/2017 21:30	520200	59.221	16.866	136.739	1182.105	1399.523	0.707	0.952	845.948	0.999	14.769
11/7/2017 21:45	521100	59.226	16.866	136.752	1180.408	1397.514	0.706	0.95	847.165	0.999	14.765
11/7/2017 22:00	522000	59.218	16.867	136.733	1181.522	1398.802	0.707	0.951	846.366	0.999	14.776
11/7/2017 22:15	522900	59.214	16.868	136.724	1181.813	1399.119	0.707	0.951	846.157	0.999	14.777
11/7/2017 22:30	523800	59.216	16.866	136.728	1180.806	1397.991	0.707	0.951	846.879	0.999	14.772
11/7/2017 22:45	524700	59.216	16.866	136.729	1181.417	1398.733	0.707	0.951	846.442	0.999	14.776
11/7/2017 23:00	525600	59.223	16.								

Report Date: 11/10/2017 8:46
Report User Name: WMassoll
Report Computer Name: WKST52
Application: WinSitu.exe
Application Version: 5.6.27.1

Log File Properties

File Name	MPWSP MW-65 LT Test_2017-11-09_12-48-12-329-BaroMerge.wsl
Create Date	11/10/2017 8:36

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	WinStu.exe
	Application Version	5.6.2.1
	Create Date	3/16/2017 12:50:25 PM Pacific D
	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 D
	Scheduled Stop Time	No Stop
	Type	Linear
	Interval	Days: 0 hrs: 00 mins: 15 secs: 00

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

Notes

Date and Time	Note
3/16/2017 12:50	Used Load: 26% Used Memory: 3% User Name: WMassoll
3/16/2017 13:02	Used Load: 26% 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	Load Download - Used Battery: 2% Used Memory: 3% User Name: AVanHalsma Interval - Start Time: 3/16/2017 1:00:00 PM Stop Time: 3/23/2017 11:00:00 PM
3/30/2017 11:39	Load Download - Used Battery: 3% Used Memory: 4% User Name: AVanHalsma Interval - Start Time: 3/22/2017 10:00:00 PM Stop Time: 3/30/2017 12:30:00 PM
4/6/2017 10:29	Load Download - Used Battery: 4% 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	Load 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	Load 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 PM
4/13/2017 9:56	Load 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 PM
4/20/2017 10:50	Load Download - Used Battery: 4% Used Memory: 6% User Name: AVanHalsma Interval - Start Time: 4/12/2017 10:00:00 PM Stop Time: 4/20/2017 11:45:00 AM
4/27/2017 9:55	Load 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	Load Download - Used Battery: 4% Used Memory: 7% User Name: AVanHalsma Interval - Start Time: 3/31/2017 10:00:00 PM Stop Time: 5/4/2017 11:15:00 AM
5/13/2017 10:29	Load Download - Used Battery: 5% Used Memory: 9% User Name: AVanHalsma Interval - Start Time: 5/3/2017 10:00:00 PM Stop Time: 5/13/2017 11:15:00 AM
5/13/2017 14:38	Load Download - Used Battery: 5% Used Memory: 6% User Name: WMassoll Interval - Start Time: 5/3/2017 10:00:00 PM Stop Time: 5/13/2017 11:15:00 AM
5/25/2017 10:09	Load Download - Used Battery: 6% Used Memory: 10% User Name: AVanHalsma Interval - Start Time: 5/17/2017 10:00:00 PM Stop Time: 5/25/2017 10:00:00 AM
6/1/2017 14:45	Load 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	Load 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	Load 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
6/8/2017 12:24	Load Download - Used Battery: 6% Used Memory: 12% User Name: WMassoll Interval - Start Time: 6/15/2017 1:00:00 PM Stop Time: 6/8/2017 12:24:00 PM
6/15/2017 13:26	Load Download - Used Battery: 7% Used Memory: 12% User Name: AVanHalsma Interval - Start Time: 6/7/2017 10:00:00 PM Stop Time: 6/15/2017 8:25:00 PM
6/22/2017 7:23	Load Download - Used Battery: 7% Used Memory: 14% User Name: AVanHalsma Interval - Start Time: 6/14/2017 10:00:00 PM Stop Time: 6/22/2017 8:15:00 AM
6/29/2017 7:50	Load 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 AM
7/6/2017 7:09	Load Download - Used Battery: 8% Used Memory: 15% User Name: AVanHalsma Interval - Start Time: 5/31/2017 10:00:00 PM Stop Time: 7/6/2017 8:00:00 PM
7/13/2017 10:08	Load 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	Load 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	Load 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 9:45:00 AM
7/27/2017 11:05	Load Download - Used Battery: 9% Used Memory: 17% User Name: AVanHalsma Interval - Start Time: 7/19/2017 10:00:00 PM Stop Time: 7/27/2017 12:00:00 PM
8/3/2017 11:47	Load Download - Used Battery: 9% Used Memory: 18% User Name: AVanHalsma Interval - Start Time: 6/30/2017 10:00:00 PM Stop Time: 8/3/2017 12:45:00 PM
8/10/2017 8:03	Load 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 8:15:00 PM
8/17/2017 11:51	Load Download - Used Battery: 10% Used Memory: 20% User Name: WMassoll Interval - Start Time: 8/9/2017 10:00:00 PM Stop Time: 8/17/2017 11:51:00 AM
8/24/2017 13:29	Load Download - Used Battery: 10% Used Memory: 21% User Name: AVanHalsma Interval - Start Time: 8/16/2017 10:00:00 PM Stop Time: 8/24/2017 2:15:00 PM
9/1/2017 10:04	Load Download - Used Battery: 11% Used Memory: 23% 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	Load 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 6:00:00 PM
9/14/2017 12:52	Load Download - Used Battery: 11% Used Memory: 23% User Name: AVanHalsma Interval - Start Time: 9/6/2017 10:00:00 PM Stop Time: 9/14/2017 1:45:00 PM
9/19/2017 12:07	Load Download - Used Battery: 12% Used Memory: 23% User Name: WMassoll Interval - Start Time: 9/11/2017 10:00:00 PM Stop Time: 9/19/2017 12:07:00 PM
9/28/2017 9:55	Load Download - Used Battery: 12% Used Memory: 23% 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	Load 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	Load Download - Used Battery: 13% Used Memory: 26% User Name: AVanHalsma Interval - Start Time: 10/4/2017 10:00:00 PM Stop Time: 10/12/2017 12:15:00 PM
10/19/2017 11:27	Load Download - Used Battery: 13% Used Memory: 28% User Name: AVanHalsma Interval - Start Time: 10/1/2017 10:00:00 PM Stop Time: 10/19/2017 12:15:00 PM
10/26/2017 10:06	Load 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 8:00:00 PM
10/26/2017 11:25	Load Download - Used Battery: 14% Used Memory: 28% User Name: WMassoll Interval - Start

Log Data:		
Record Count	736	
Sensors	2	
	1	498998 PCTD 30 PSIA (10.9m/35.8ft)
	2	0 Baro-Adjustment Calc

Time Zone: Pacific Daylight Time/Pacific Standard Time

		Sensor: PCTD(A) 35.8H SN#: 498998		Sensor: PCTD(A) 35.8H SN#: 498998		Sensor: PCTD(A) 35.8H SN#: 498998		Sensor: PCTD(A) 35.8H SN#: 498998		Sensor: PCTD(A) 35.8H SN#: 498998		Sensor: PCTD(A) 35.8H SN#: 498998		Sensor: PCTD(A) 35.8H SN#: 498998		Sensor: Baro-Adj Calc SN#: 000000	
Date and Time	Elapsed Time Seconds	Corrected Pressure (PSI)	Temperature (C)	Corrected Depth (H)	Actual Conductivity (µS/cm)	Specific Conductivity (µS/cm)	Salinity (PSU)	Total Dissolved Solids (ppt)	Resistivity (ohm-cm)	Water Density (g/cm3)	Barometric Pressure (PSI)						
11/2/2017 0:00	7200	11.591	16.971	26.764	1860.734	2197.77	1.136	2197.77	1.494	537.425	1	14.716					
11/2/2017 0:15	8100	11.592	16.971	26.765	1860.642	2197.653	1.136	1.494	537.449	1	14.716						
11/2/2017 0:30	9000	11.581	16.971	26.74	1860.517	2197.531	1.135	1.494	537.485	1	14.726						
11/2/2017 0:45	9900	11.595	16.971	26.772	1860.307	2197.282	1.135	1.494	537.546	1	14.712						
11/2/2017 1:00	10800	11.588	16.971	26.757	1860.37	2197.348	1.135	1.494	537.527	1	14.719						
11/2/2017 1:15	11700	11.587	16.971	26.755	1860.33	2197.302	1.135	1.494	537.539	1	14.719						
11/2/2017 1:30	12600	11.582	16.971	26.743	1860.124	2197.043	1.135	1.494	537.599	1	14.724						
11/2/2017 1:45	13500	11.59	16.971	26.762	1860.017	2196.923	1.135	1.494	537.629	1	14.715						
11/2/2017 2:00	14400	11.582	16.971	26.743	1859.86	2196.747	1.135	1.494	537.675	1	14.722						
11/2/2017 2:15	15300	11.586	16.971	26.751	1859.803	2196.678	1.135	1.494	537.691	1	14.72						
11/2/2017 2:30	16200	11.59	16.971	26.761	1859.595	2196.428	1.135	1.494	537.752	1	14.716						
11/2/2017 2:45	17100	11.588	16.97	26.757	1859.417	2196.244	1.135	1.493	537.803	1	14.718						
11/2/2017 3:00	18000	11.584	16.971	26.746	1859.322	2196.114	1.135	1.493	537.831	1	14.723						
11/2/2017 3:15	18900	11.585	16.971	26.749	1859.215	2195.997	1.135	1.493	537.861	1	14.722						
11/2/2017 3:30	19800	11.582	16.971	26.743	1859.164	2195.923	1.135	1.493	537.876	1	14.724						
11/2/2017 3:45	20700	11.586	16.971	26.751	1859.175	2195.941	1.135	1.493	537.873	1	14.721						
11/2/2017 4:00	21600	11.586	16.971	26.752	1858.782	2195.49	1.134	1.493	537.987	1	14.719						
11/2/2017 4:15	22500	11.586	16.971	26.752	1858.456	2195.091	1.134	1.493	538.081	1	14.718						
11/2/2017 4:30	23400	11.593	16.971	26.767	1858.699	2195.591	1.134	1.493	538.011	1	14.711						
11/2/2017 4:45	24300	11.581	16.971	26.74	1858.82	2195.524	1.134	1.493	537.976	1	14.722						
11/2/2017 5:00	25200	11.589	16.971	26.758	1858.644	2195.318	1.134	1.493	538.027	1	14.714						
11/2/2017 5:15	26100	11.585	16.971	26.749	1858.312	2194.921	1.134	1.493	538.123	1	14.72						
11/2/2017 5:30	27000	11.582	16.971	26.744	1858.441	2195.07	1.134	1.493	538.085	1	14.722						
11/2/2017 5:45	27900	11.585	16.971	26.75	1858.379	2194.992	1.134	1.493	538.103	1	14.721						
11/2/2017 6:00	28800	11.589	16.971	26.758	1858.271	2194.868	1.134	1.493	538.135	1	14.717						
11/2/2017 6:15	29700	11.581	16.971	26.74	1857.972	2194.523	1.134	1.492	538.221	1	14.723						
11/2/2017 6:30	30600	11.584	16.971	26.747	1858.077	2194.644	1.134	1.492	538.191	1	14.72						
11/2/2017 6:45	31500	11.581	16.97	26.74	1858.153	2194.777	1.134	1.492	538.169	1	14.725						
11/2/2017 7:00	32400	11.581	16.971	26.74	1858.093	2194.667	1.134	1.492	538.186	1	14.725						
11/2/2017 7:15	33300	11.58	16.971	26.737	1857.632	2194.109	1.134	1.492	538.32	1	14.729						
11/2/2017 7:30	34200	11.578	16.97	26.734	1857.771	2194.303	1.134	1.492	538.28	1	14.731						
11/2/2017 7:45	35100	11.582	16.971	26.743	1857.55	2194.021	1.134	1.492	538.343	1	14.729						
11/2/2017 8:00	36000	11.575	16.971	26.726	1857.266	2193.605	1.133	1.494	538.426	1	14.737						
11/2/2017 8:15	36900	11.578	16.971	26.734	1857.228	2193.641	1.133	1.492	538.437	1	14.736						
11/2/2017 8:30	37800	11.576	16.97	26.729	1857.036	2193.432	1.133	1.492	538.492	1	14.74						
11/2/2017 8:45	38700	11.579	16.971	26.736	1857.318	2193.747	1.133	1.492	538.411	1	14.742						
11/2/2017 9:00	39600	11.572	16.971	26.72	1857.331	2193.775	1.133	1.492	538.407	1	14.749						
11/2/2017 9:15	40500	11.574	16.97	26.725	1857.341	2193.791	1.133	1.492	538.404	1	14.748						
11/2/2017 9:30	41400	11.577	16.971	26.721	1856.88	2193.221	1.133	1.491	538.538	1	14.748						
11/2/2017 9:45	42300	11.567	16.97	26.708	1856.251	2192.504	1.133	1.491	538.72	1	14.75						
11/2/2017 10:00	43200	11.563	16.971	26.698	1855.082	2191.103	1.132	1.49	539.06	1	14.758						
11/2/2017 10:15	44100	11.565	16.971	26.703	1855.177	2191.222	1.132	1.49	539.032	1	14.755						
11/2/2017 10:30	45000	11.561	16.97	26.693	1855.208	2191.285	1.132	1.49	539.023	1	14.757						
11/2/2017 10:45	45900	11.57	16.971	26.715	1854.883	2190.859	1.132	1.49	539.117	1	14.747						
11/2/2017 11:00	46800	11.57	16.971	26.715	1855.119	2191.15	1.132	1.49	539.040	1	14.747						
11/2/2017 11:15	47700	11.575	16.97	26.727	1855.535	2191.671	1.132	1.49	539.928	1	14.741						
11/2/2017 11:30	48600	11.57	16.972	26.714	1856.108	2192.244	1.133	1.491	538.762	1	14.747						
11/2/2017 11:45	49500	11.57	16.971	26.716	1855.78	2191.922	1.132	1.491	538.857	1	14.745						
11/2/2017 12:00	50400	11.566	16.97	26.707	1855.884	2192.054	1.133	1.491	538.827	1	14.748						
11/2/2017 12:15	51300	11.569	16.971	26.713	1855.979	2192.17	1.133	1.491	538.799	1	14.745						
11/2/2017 12:30	52200	11.57	16.971	26.715	1855.556	2191.674	1.132	1.49	539.922	1	14.745						
11/2/2017 12:45	53100	11.572	16.971	26.718	1855.737	2191.884	1.133	1.49	538.87	1	14.743						
11/2/2017 13:00	54000	11.569	16.971	26.712	1855.897	2192.06	1.133	1.491	538.823	1	14.744						
11/2/2017 13:15	54900	11.566	16.971	26.706	1855.629	2191.749	1.132	1.49	538.901	1	14.745						
11/2/2017 13:30	55800	11.569	16.971	26.712	1855.758	2191.914	1.132	1.491	538.863	1	14.741						
11/2/2017 13:45	56700	11.568	16.971	26.71	1855.673	2191.801	1.132	1.49	538.888	1	14.739						
11/2/2017 14:00	57600	11.568	16.971	26.711	1855.53	2191.645	1.132	1.49	538.929	1	14.738						
11/2/2017 14:15	58500	11.57	16.97	26.714	1855.27	2191.349	1.132	1.49	539.005	1	14.735						
11/2/2017 14:30	59400	11.566	16.97	26.706	1855.293	2191.373	1.132	1.49	538.998	1	14.738						
11/2/2017 14:45	60300	11.572	16.971	26.719	1855.402	2191.493	1.132	1.49	538.967	1	14.731						
11/2/2017 15:00	61200	11.568	16.971	26.71	1855.314	2191.389	1.132	1.49	538.992	1	14.734						
11/2/2017 15:15	62100	11.567	16.971	26.708	1855.165	2191.213	1.132	1.49	539.036	1	14.733						
11/2/2017 15:30	63000	11.563	16.97	26.698	1855.009	2191.037	1.132	1.49	539.081	1	14.738						
11/2/2017 15:45	63900	11.566	16.971	26.705	1855.223	2191.281	1.132	1.49	539.019	1	14.735						
11/2/2017 16:00	64800	11.571	16.971	26.717	1854.989	2191.005	1.132	1.49	539.087	1	14.729						
11/2/2017 16:15	65700	11.565	16.971	26.703	1854.927	2190.911	1.132	1.49	539.105	1	14.735						
11/2/2017 16:30	66600	11.564	16.971	26.701	1854.702	2190.661	1.132	1.49	539.17	1	14.737						
11/2/2017 16:45	67500	11.565	16.971	26.704	1854.831	2190.809	1.132	1.49	539.133	1	14.735						
11/2/2017 17:00	68400	11.558	16.971	26.687	1854.348	2190.248	1.132	1.489	539.273	1	14.742						
11/2/2017 17:15	69300	11.563	16.97	26.697	1854.352	2190.262	1.132	1.489	539.272	1	14.737						
11/2/2017 17:30	70200	11.563	16.971	26.698	1854.271	2190.157	1.131	1.489	539.295	1	14.725						
11/2/2017 17:45	71100	11.566	16.971	26.705	1853.91	2189.73	1.131	1.489	539.401	1	14.732						
11/2/2017 18:00	72000	11.556	16.971	26.682	1854.173	2190.037	1.131	1.489	539.324	1	14.741						
11/2/2017 18:15	72900	11.565	16.971	26.704	1854.272	2190.162	1.131	1.489	539.295	1	14.73						
11/2/2017 18:30	73800	11.561	16.97	26.694	1854.171	2190.052	1.131	1.489	539.325	1	14.734						
11/2/2017 18:45	74700	11.557	16.971	26.685	1853.948	2189.767	1.131	1.489	539.389	1	14.738						
11/2/2017 19:00	75600	11.557	16.97	26.685	1853.954	2189.791	1.131	1.489	539.388	1	14.738						
11/2/2017 19:15	76500	11.558	16.971	26.687	1853.912	2189.733	1.131	1.489	539.4	1	14.74						
11/2/2017 19:30	77400	11.559	16.971	26.69	1853.769	2189.552	1.131	1.489	539.442	1	14.74						
11/2/2017 19:45	78300	11.561	16.97	26.695	1853.313	2189.047	1.131	1.489	539.574	1	14.738						
11/2/2017 20:00	79200	11.556	16.97	26.682	1853.39	2189.129	1.131	1.489	539.552	1	14.744						
11/2/2017 20:15	80100	11.566	16.971	26.705	1853.303	2189.001	1.131	1.489	539.577	1	14.734						
11/2/2017 20:30	81000	11.56	16.97	26.691	1853.24	2189.948	1.131	1.489	539.596	1	14.741						
11/2/2017 20:45	81900	11.56	16.971	26.692	1853.457	2189.2	1.131	1.489	539.532	1	14.738						
11/2/2017 21:00	82800	11.562	16.971	26.697	1852.9	2188.533	1.131	1.488	539.695	1	14.736						
11/2/2017 21:15	83700	11.555	16.9														

11/2/2017 23:15	90900	11.556	16.971	26.682	1852.248	2187.767	1.13	1.488	539.885	1	14.741
11/2/2017 23:30	91800	11.553	16.97	26.675	1852.356	2187.912	1.13	1.488	539.853	1	14.744
11/2/2017 23:45	92700	11.549	16.971	26.667	1852.178	2187.685	1.13	1.488	539.905	1	14.749
11/3/2017 0:00	93600	11.554	16.97	26.677	1852.049	2187.541	1.13	1.488	539.943	1	14.745
11/3/2017 0:15	94500	11.547	16.971	26.661	1851.98	2187.447	1.13	1.487	539.963	1	14.75
11/3/2017 0:30	95400	11.551	16.97	26.671	1851.876	2187.345	1.13	1.487	539.993	1	14.746
11/3/2017 0:45	96300	11.553	16.97	26.675	1851.708	2187.142	1.13	1.487	540.042	1	14.744
11/3/2017 1:00	97200	11.555	16.971	26.68	1851.583	2186.982	1.13	1.487	540.078	1	14.744
11/3/2017 1:15	98100	11.552	16.971	26.674	1851.505	2186.89	1.13	1.487	540.101	1	14.746
11/3/2017 1:30	99000	11.557	16.97	26.686	1851.28	2186.646	1.13	1.487	540.167	1	14.739
11/3/2017 1:45	99900	11.554	16.971	26.679	1851.193	2186.521	1.13	1.487	540.192	1	14.743
11/3/2017 2:00	100800	11.55	16.971	26.668	1850.809	2186.068	1.129	1.487	540.304	1	14.749
11/3/2017 2:15	101700	11.552	16.97	26.671	1850.711	2185.969	1.129	1.486	540.332	1	14.748
11/3/2017 2:30	102600	11.552	16.97	26.673	1850.772	2186.051	1.129	1.487	540.315	1	14.746
11/3/2017 2:45	103500	11.548	16.97	26.664	1850.585	2185.816	1.129	1.486	540.37	1	14.751
11/3/2017 3:00	104400	11.558	16.97	26.687	1850.499	2185.719	1.129	1.486	540.395	1	14.74
11/3/2017 3:15	105300	11.55	16.97	26.668	1850.492	2185.706	1.129	1.486	540.397	1	14.745
11/3/2017 3:30	106200	11.552	16.97	26.673	1850.235	2185.399	1.129	1.486	540.472	1	14.741
11/3/2017 3:45	107100	11.55	16.971	26.669	1850.189	2185.331	1.129	1.486	540.485	1	14.742
11/3/2017 4:00	108000	11.558	16.97	26.686	1850.213	2185.372	1.129	1.486	540.478	1	14.732
11/3/2017 4:15	108900	11.554	16.971	26.679	1850.183	2185.328	1.129	1.486	540.487	1	14.736
11/3/2017 4:30	109800	11.545	16.97	26.658	1850.104	2185.253	1.129	1.486	540.51	1	14.746
11/3/2017 4:45	110700	11.547	16.97	26.662	1849.982	2185.108	1.129	1.486	540.546	1	14.744
11/3/2017 5:00	111600	11.546	16.97	26.66	1849.841	2184.697	1.129	1.486	540.645	1	14.746
11/3/2017 5:15	112500	11.547	16.97	26.661	1849.32	2184.226	1.128	1.485	540.739	1	14.745
11/3/2017 5:30	113400	11.542	16.97	26.65	1849.518	2184.552	1.128	1.485	540.681	1	14.752
11/3/2017 5:45	114300	11.543	16.97	26.651	1849.642	2184.711	1.129	1.486	540.645	1	14.75
11/3/2017 6:00	115200	11.548	16.97	26.664	1849.268	2184.257	1.128	1.485	540.754	1	14.744
11/3/2017 6:15	116100	11.543	16.971	26.653	1848.947	2183.868	1.128	1.485	540.849	1	14.748
11/3/2017 6:30	117000	11.551	16.971	26.67	1849.239	2184.209	1.128	1.485	540.763	1	14.739
11/3/2017 6:45	117900	11.55	16.97	26.669	1849.17	2184.17	1.128	1.485	540.783	1	14.738
11/3/2017 7:00	118800	11.542	16.97	26.65	1848.935	2183.871	1.128	1.485	540.852	1	14.746
11/3/2017 7:15	119700	11.55	16.971	26.668	1849.026	2183.962	1.128	1.485	540.825	1	14.74
11/3/2017 7:30	120600	11.543	16.971	26.651	1848.758	2183.645	1.128	1.485	540.904	1	14.745
11/3/2017 7:45	121500	11.541	16.97	26.649	1848.579	2183.443	1.128	1.485	540.956	1	14.748
11/3/2017 8:00	122400	11.542	16.97	26.65	1848.592	2183.462	1.128	1.485	540.952	1	14.746
11/3/2017 8:15	123300	11.54	16.971	26.646	1848.767	2183.656	1.128	1.485	540.901	1	14.749
11/3/2017 8:30	124200	11.545	16.971	26.657	1848.785	2183.672	1.128	1.485	540.896	1	14.745
11/3/2017 8:45	125100	11.542	16.971	26.651	1848.653	2183.521	1.128	1.485	540.934	1	14.75
11/3/2017 9:00	126000	11.536	16.971	26.635	1848.575	2183.429	1.128	1.485	540.957	1	14.757
11/3/2017 9:15	126900	11.539	16.97	26.642	1848.574	2183.445	1.128	1.485	540.958	1	14.758
11/3/2017 9:30	127800	11.534	16.97	26.631	1848.42	2183.255	1.128	1.485	541.003	1	14.763
11/3/2017 9:45	128700	11.535	16.97	26.635	1848.086	2182.873	1.128	1.484	541.088	1	14.761
11/3/2017 10:00	129600	11.534	16.97	26.632	1848.005	2182.824	1.127	1.484	541.112	1	14.765
11/3/2017 10:15	130500	11.541	16.97	26.648	1848.21	2183.015	1.128	1.484	541.064	1	14.757
11/3/2017 10:30	131400	11.546	16.971	26.66	1847.809	2182.529	1.127	1.484	541.181	1	14.753
11/3/2017 10:45	132300	11.536	16.97	26.636	1847.786	2182.515	1.127	1.484	541.188	1	14.762
11/3/2017 11:00	133200	11.538	16.97	26.641	1847.787	2182.516	1.127	1.484	541.188	1	14.761
11/3/2017 11:15	134100	11.539	16.97	26.643	1847.589	2182.274	1.127	1.484	541.246	1	14.761
11/3/2017 11:30	135000	11.534	16.97	26.631	1847.63	2182.339	1.127	1.484	541.234	1	14.765
11/3/2017 11:45	135900	11.535	16.971	26.635	1847.495	2182.136	1.127	1.484	541.274	1	14.761
11/3/2017 12:00	136800	11.542	16.97	26.649	1847.555	2182.241	1.127	1.484	541.256	1	14.754
11/3/2017 12:15	137700	11.541	16.97	26.649	1847.531	2182.204	1.127	1.484	541.263	1	14.752
11/3/2017 12:30	138600	11.538	16.971	26.64	1847.407	2182.042	1.127	1.484	541.299	1	14.754
11/3/2017 12:45	139500	11.544	16.971	26.654	1847.501	2182.164	1.127	1.484	541.272	1	14.745
11/3/2017 13:00	140400	11.541	16.971	26.647	1847.365	2181.996	1.127	1.484	541.311	1	14.746
11/3/2017 13:15	141300	11.539	16.971	26.643	1847.286	2181.902	1.127	1.484	541.335	1	14.745
11/3/2017 13:30	142200	11.533	16.97	26.63	1847.139	2181.746	1.127	1.484	541.378	1	14.749
11/3/2017 13:45	143100	11.535	16.971	26.633	1847.123	2181.715	1.127	1.484	541.382	1	14.747
11/3/2017 14:00	144000	11.54	16.971	26.646	1846.934	2181.482	1.127	1.483	541.438	1	14.739
11/3/2017 14:15	144900	11.54	16.971	26.646	1846.849	2181.395	1.127	1.483	541.463	1	14.735
11/3/2017 14:30	145800	11.533	16.97	26.63	1846.946	2181.513	1.127	1.483	541.434	1	14.741
11/3/2017 14:45	146700	11.537	16.971	26.637	1846.858	2181.397	1.127	1.483	541.46	1	14.733
11/3/2017 15:00	147600	11.534	16.971	26.632	1846.573	2181.061	1.127	1.483	541.544	1	14.736
11/3/2017 15:15	148500	11.532	16.97	26.628	1846.652	2181.176	1.127	1.483	541.52	1	14.737
11/3/2017 15:30	149400	11.532	16.971	26.628	1846.61	2181.112	1.127	1.483	541.533	1	14.735
11/3/2017 15:45	150300	11.531	16.971	26.625	1846.364	2180.809	1.126	1.483	541.605	1	14.735
11/3/2017 16:00	151200	11.534	16.971	26.631	1845.972	2180.359	1.126	1.483	541.72	1	14.738
11/3/2017 16:15	152100	11.533	16.971	26.63	1846.233	2180.662	1.126	1.483	541.644	1	14.73
11/3/2017 16:30	153000	11.536	16.971	26.635	1846.292	2180.733	1.126	1.483	541.626	1	14.727
11/3/2017 16:45	153900	11.529	16.97	26.62	1846.189	2180.637	1.126	1.483	541.656	1	14.733
11/3/2017 17:00	154800	11.53	16.97	26.623	1845.815	2180.187	1.126	1.483	541.766	1	14.73
11/3/2017 17:15	155700	11.53	16.97	26.623	1845.752	2180.103	1.126	1.482	541.785	1	14.73
11/3/2017 17:30	156600	11.533	16.97	26.629	1845.94	2180.429	1.126	1.483	541.729	1	14.727
11/3/2017 17:45	157500	11.532	16.971	26.626	1845.799	2180.106	1.126	1.482	541.777	1	14.727
11/3/2017 18:00	158400	11.528	16.971	26.617	1845.557	2179.865	1.126	1.482	541.842	1	14.731
11/3/2017 18:15	159300	11.533	16.97	26.63	1845.495	2179.808	1.126	1.482	541.86	1	14.725
11/3/2017 18:30	160200	11.527	16.97	26.617	1845.525	2179.848	1.126	1.482	541.851	1	14.73
11/3/2017 18:45	161100	11.526	16.97	26.614	1845.46	2179.759	1.126	1.482	541.87	1	14.732
11/3/2017 19:00	162000	11.528	16.971	26.618	1845.367	2179.645	1.126	1.482	541.898	1	14.725
11/3/2017 19:15	162900	11.525	16.971	26.61	1844.976	2179.158	1.126	1.482	542.012	1	14.734
11/3/2017 19:30	163800	11.531	16.971	26.625	1844.947	2179.139	1.125	1.482	542.021	1	14.727
11/3/2017 19:45	164700	11.524	16.971	26.609	1845.09	2179.318	1.126	1.482	541.979	1	14.734
11/3/2017 20:00	165600	11.532	16.97	26.627	1845.012	2179.242	1.126	1.482	542.002	1	14.725
11/3/2017 20:15	166500	11.53	16.971	26.623	1844.994	2179.2	1.126	1.482	542.007	1	14.73
11/3/2017 20:30	167400	11.525	16.97	26.611	1844.772	2179.846	1.125	1.482	542.072	1	14.731
11/3/2017 20:45	168300	11.524	16.97	26.609	1844.699	2178.873	1.125	1.482	542.094	1	14.731
11/3/2017 21:00	169200	11.525	16.97	26.61	1844.68	2178.					

11/5/2017 3:00	280800	11473	16.97	26.491	1833.069	2165.131	1.118	1.472	545.533	1	14.79
11/5/2017 3:15	281700	11482	16.971	26.512	1832.97	2164.989	1.118	1.472	545.563	1	14.781
11/5/2017 3:30	282600	11476	16.97	26.497	1832.94	2164.974	1.118	1.472	545.572	1	14.786
11/5/2017 3:45	283500	11478	16.971	26.503	1832.543	2164.489	1.118	1.472	545.69	1	14.784
11/5/2017 4:00	284400	1148	16.971	26.507	1832.468	2164.404	1.117	1.472	545.712	1	14.782
11/5/2017 4:15	285300	11479	16.971	26.504	1832.493	2164.434	1.118	1.472	545.705	1	14.784
11/5/2017 4:30	286200	11475	16.97	26.496	1832.449	2163.997	1.117	1.472	545.718	1	14.788
11/5/2017 4:45	287100	11474	16.97	26.492	1832.253	2164.168	1.117	1.472	545.776	1	14.789
11/5/2017 5:00	288000	11472	16.971	26.489	1832.141	2164.014	1.117	1.472	545.81	1	14.792
11/5/2017 5:15	288900	1147	16.971	26.483	1832.367	2164.289	1.117	1.472	545.742	1	14.794
11/5/2017 5:30	289800	11473	16.97	26.491	1832.333	2164.258	1.117	1.472	545.752	1	14.79
11/5/2017 5:45	290700	11473	16.971	26.491	1831.924	2163.762	1.117	1.471	545.874	1	14.792
11/5/2017 6:00	291600	11475	16.971	26.495	1831.914	2163.751	1.117	1.471	545.877	1	14.791
11/5/2017 6:15	292500	11472	16.971	26.488	1831.739	2163.544	1.117	1.471	545.929	1	14.795
11/5/2017 6:30	293400	11474	16.97	26.492	1831.909	2163.779	1.117	1.471	545.879	1	14.793
11/5/2017 6:45	294300	11468	16.971	26.479	1831.858	2163.675	1.117	1.471	545.894	1	14.8
11/5/2017 7:00	295200	11468	16.97	26.479	1832.013	2163.889	1.117	1.471	545.848	1	14.801
11/5/2017 7:15	296100	11463	16.97	26.467	1831.976	2163.849	1.117	1.471	545.859	1	14.809
11/5/2017 7:30	297000	11469	16.971	26.481	1831.906	2163.737	1.117	1.471	545.879	1	14.808
11/5/2017 7:45	297900	11473	16.97	26.49	1831.796	2163.645	1.117	1.471	545.912	1	14.801
11/5/2017 8:00	298800	11463	16.97	26.467	1831.755	2163.571	1.117	1.471	545.924	1	14.813
11/5/2017 8:15	299700	11467	16.971	26.477	1831.757	2163.56	1.117	1.471	545.924	1	14.808
11/5/2017 8:30	300600	11469	16.97	26.481	1831.623	2163.427	1.117	1.471	545.964	1	14.809
11/5/2017 8:45	301500	11463	16.97	26.468	1831.615	2163.41	1.117	1.471	545.966	1	14.815
11/5/2017 9:00	302400	11467	16.971	26.476	1831.438	2163.188	1.117	1.471	546.019	1	14.812
11/5/2017 9:15	303300	11467	16.971	26.476	1831.508	2163.275	1.117	1.471	545.998	1	14.811
11/5/2017 9:30	304200	11463	16.97	26.468	1831.456	2163.235	1.117	1.471	546.014	1	14.816
11/5/2017 9:45	305100	11462	16.97	26.465	1831.319	2163.064	1.117	1.471	546.055	1	14.818
11/5/2017 10:00	306000	11464	16.97	26.47	1831.19	2162.904	1.117	1.471	546.093	1	14.816
11/5/2017 10:15	306900	11464	16.97	26.471	1831.063	2162.754	1.117	1.471	546.131	1	14.814
11/5/2017 10:30	307800	11464	16.97	26.47	1831.184	2162.896	1.117	1.471	546.095	1	14.814
11/5/2017 10:45	308700	11466	16.97	26.475	1831.206	2162.927	1.117	1.471	546.088	1	14.813
11/5/2017 11:00	309600	11464	16.971	26.47	1831.051	2162.735	1.117	1.471	546.134	1	14.813
11/5/2017 11:15	310500	11462	16.97	26.466	1830.989	2162.679	1.117	1.471	546.153	1	14.812
11/5/2017 11:30	311400	11465	16.97	26.473	1831.014	2162.696	1.117	1.471	546.146	1	14.805
11/5/2017 11:45	312300	11466	16.97	26.474	1830.963	2162.64	1.117	1.471	546.161	1	14.802
11/5/2017 12:00	313200	11463	16.97	26.469	1830.9	2162.57	1.116	1.471	546.179	1	14.803
11/5/2017 12:15	314100	11464	16.971	26.471	1830.481	2162.062	1.116	1.471	546.305	1	14.799
11/5/2017 12:30	315000	11464	16.97	26.47	1830.583	2162.2	1.116	1.47	546.274	1	14.794
11/5/2017 12:45	315900	11463	16.971	26.467	1830.683	2162.292	1.116	1.47	546.244	1	14.793
11/5/2017 13:00	316800	11468	16.97	26.479	1830.648	2162.263	1.116	1.47	546.255	1	14.786
11/5/2017 13:15	317700	11464	16.971	26.47	1830.465	2162.043	1.116	1.47	546.309	1	14.786
11/5/2017 13:30	318600	11463	16.97	26.483	1830.527	2162.143	1.116	1.47	546.291	1	14.78
11/5/2017 13:45	319500	11459	16.971	26.458	1830.21	2161.725	1.116	1.47	546.385	1	14.787
11/5/2017 14:00	320400	11463	16.971	26.467	1830.324	2161.872	1.116	1.47	546.352	1	14.781
11/5/2017 14:15	321300	11463	16.971	26.468	1830.349	2161.902	1.116	1.47	546.344	1	14.78
11/5/2017 14:30	322200	11463	16.97	26.467	1830.111	2161.642	1.116	1.47	546.415	1	14.778
11/5/2017 14:45	323100	11462	16.97	26.464	1830.387	2161.959	1.116	1.47	546.333	1	14.778
11/5/2017 15:00	324000	11467	16.971	26.454	1830.291	2161.816	1.116	1.47	546.361	1	14.781
11/5/2017 15:15	324900	11459	16.971	26.459	1830.151	2161.672	1.116	1.47	546.403	1	14.777
11/5/2017 15:30	325800	11461	16.97	26.463	1830.075	2161.599	1.116	1.47	546.426	1	14.775
11/5/2017 15:45	326700	11462	16.97	26.464	1830.048	2161.563	1.116	1.47	546.434	1	14.78
11/5/2017 16:00	327600	11461	16.971	26.462	1829.973	2161.458	1.116	1.47	546.456	1	14.777
11/5/2017 16:15	328500	11456	16.971	26.45	1829.959	2161.432	1.116	1.47	546.46	1	14.778
11/5/2017 16:30	329400	11455	16.971	26.45	1829.811	2161.258	1.116	1.47	546.504	1	14.776
11/5/2017 16:45	330300	11454	16.971	26.448	1829.711	2161.152	1.116	1.47	546.534	1	14.779
11/5/2017 17:00	331200	11457	16.97	26.455	1829.6	2161.038	1.116	1.47	546.568	1	14.774
11/5/2017 17:15	332100	11459	16.97	26.459	1829.47	2160.889	1.116	1.469	546.606	1	14.772
11/5/2017 17:30	333000	11466	16.971	26.475	1829.726	2161.17	1.116	1.47	546.53	1	14.766
11/5/2017 17:45	333900	11449	16.971	26.436	1829.603	2161.021	1.116	1.469	546.567	1	14.782
11/5/2017 18:00	334800	11454	16.97	26.446	1829.472	2160.883	1.116	1.469	546.606	1	14.778
11/5/2017 18:15	335700	11452	16.97	26.442	1829.36	2160.742	1.116	1.469	546.629	1	14.781
11/5/2017 18:30	336600	11456	16.97	26.452	1829.487	2160.905	1.116	1.469	546.601	1	14.776
11/5/2017 18:45	337500	11459	16.97	26.459	1829.389	2160.798	1.116	1.469	546.631	1	14.774
11/5/2017 19:00	338400	11452	16.971	26.443	1829.135	2160.472	1.115	1.469	546.707	1	14.78
11/5/2017 19:15	339300	11448	16.971	26.434	1828.905	2160.192	1.115	1.469	546.775	1	14.782
11/5/2017 19:30	340200	11453	16.97	26.445	1829.174	2160.531	1.115	1.469	546.695	1	14.779
11/5/2017 19:45	341100	11451	16.97	26.441	1828.95	2160.262	1.115	1.469	546.752	1	14.783
11/5/2017 20:00	342000	11446	16.971	26.428	1829.075	2160.401	1.115	1.469	546.724	1	14.788
11/5/2017 20:15	342900	11451	16.97	26.441	1828.859	2160.163	1.115	1.469	546.789	1	14.782
11/5/2017 20:30	343800	11451	16.97	26.44	1828.863	2160.167	1.115	1.469	546.788	1	14.782
11/5/2017 20:45	344700	11452	16.97	26.443	1828.609	2159.859	1.115	1.469	546.864	1	14.783
11/5/2017 21:00	345600	11455	16.97	26.45	1828.511	2159.739	1.115	1.469	546.893	1	14.781
11/5/2017 21:15	346500	11457	16.97	26.437	1828.669	2159.637	1.115	1.469	546.846	1	14.788
11/5/2017 21:30	347400	11445	16.97	26.426	1828.564	2159.814	1.115	1.469	546.877	1	14.794
11/5/2017 21:45	348300	11449	16.971	26.435	1828.329	2159.52	1.115	1.468	546.948	1	14.789
11/5/2017 22:00	349200	11453	16.97	26.444	1828.365	2159.584	1.115	1.469	546.937	1	14.787
11/5/2017 22:15	350100	11448	16.97	26.434	1828.319	2159.516	1.115	1.468	546.951	1	14.791
11/5/2017 22:30	351000	11449	16.97	26.436	1828.355	2159.572	1.115	1.469	546.94	1	14.789
11/5/2017 22:45	351900	11449	16.971	26.435	1828.002	2159.25	1.115	1.468	547.045	1	14.792
11/5/2017 23:00	352800	11449	16.971	26.435	1827.922	2159.034	1.115	1.468	547.069	1	14.791
11/5/2017 23:15	353700	11445	16.97	26.426	1828.191	2159.379	1.115	1.468	546.989	1	14.795
11/5/2017 23:30	354600	11448	16.97	26.433	1828.075	2159.225	1.115	1.468	547.023	1	14.792
11/5/2017 23:45	355500	11447	16.97	26.431	1828.011	2159.153	1.115	1.468	547.043	1	14.791
11/6/2017 0:00	356400	11448	16.971	26.434	1827.944	2159.057	1.115	1.468	547.063	1	14.791
11/6/2017 0:15	357300	11441	16.97	26.416	1827.78	2158.894	1.114	1.468	547.112	1	14.787
11/6/2017 0:30	358200	11448	16.97	26.433	1827.421	2158.456	1.114	1.468	547.219	1	14.79
11/6/2017 0:45	359100	1145	16.971	26.437	1827.58	2158.622	1.114	1.468	547.172	1	14.789
11/6/2017											

11/7/2017 7:45	470700	11402	16971	26.327	1819.985	2149.665	1.109	1.462	549.455	1	14.792
11/7/2017 8:00	471600	11405	16971	26.333	1819.853	2149.5	1.109	1.462	549.495	1	14.792
11/7/2017 8:15	472500	11406	16.97	26.336	1820.001	2149.709	1.11	1.462	549.45	1	14.791
11/7/2017 8:30	473400	11396	16.97	26.313	1819.712	2149.354	1.109	1.462	549.538	1	14.801
11/7/2017 8:45	474300	11396	16.97	26.313	1819.667	2149.301	1.109	1.462	549.551	1	14.801
11/7/2017 9:00	475200	11399	16.97	26.32	1819.712	2149.346	1.109	1.462	549.538	1	14.796
11/7/2017 9:15	476100	11396	16.97	26.314	1819.566	2149.192	1.109	1.461	549.581	1	14.796
11/7/2017 9:30	477000	11401	16.97	26.324	1819.57	2149.192	1.109	1.461	549.58	1	14.79
11/7/2017 9:45	477900	11401	16.971	26.325	1819.611	2149.207	1.109	1.461	549.568	1	14.788
11/7/2017 10:00	478800	11409	16.971	26.342	1819.636	2149.248	1.109	1.461	549.56	1	14.778
11/7/2017 10:15	479700	11401	16.971	26.324	1819.39	2148.953	1.109	1.461	549.635	1	14.784
11/7/2017 10:30	480600	11394	16.97	26.309	1819.58	2149.208	1.109	1.461	549.577	1	14.787
11/7/2017 10:45	481500	11397	16.971	26.316	1819.398	2148.958	1.109	1.461	549.632	1	14.782
11/7/2017 11:00	482400	11395	16.971	26.31	1819.187	2148.722	1.109	1.461	549.696	1	14.782
11/7/2017 11:15	483300	11392	16.97	26.304	1819.271	2148.834	1.109	1.461	549.671	1	14.784
11/7/2017 11:30	484200	11405	16.97	26.333	1819.397	2148.979	1.109	1.461	549.633	1	14.769
11/7/2017 11:45	485100	11394	16.971	26.308	1819.176	2148.708	1.109	1.461	549.7	1	14.777
11/7/2017 12:00	486000	11387	16.97	26.293	1819.232	2148.788	1.109	1.461	549.682	1	14.78
11/7/2017 12:15	486900	11395	16.97	26.31	1819.177	2148.727	1.109	1.461	549.699	1	14.769
11/7/2017 12:30	487800	11389	16.97	26.297	1819.021	2148.538	1.109	1.461	549.746	1	14.773
11/7/2017 12:45	488700	11388	16.97	26.294	1818.88	2148.384	1.109	1.461	549.789	1	14.771
11/7/2017 13:00	489600	11388	16.97	26.295	1818.827	2148.309	1.109	1.461	549.805	1	14.766
11/7/2017 13:15	490500	11391	16.971	26.302	1818.782	2148.239	1.109	1.461	549.819	1	14.762
11/7/2017 13:30	491400	11388	16.97	26.295	1818.687	2148.149	1.109	1.461	549.847	1	14.764
11/7/2017 13:45	492300	1139	16.97	26.299	1818.396	2147.796	1.108	1.461	549.935	1	14.763
11/7/2017 14:00	493200	11387	16.97	26.291	1818.349	2147.745	1.108	1.46	549.949	1	14.764
11/7/2017 14:15	494100	11391	16.97	26.302	1818.33	2147.719	1.108	1.46	549.955	1	14.76
11/7/2017 14:30	495000	11384	16.97	26.286	1818.099	2147.459	1.108	1.46	550.025	1	14.764
11/7/2017 14:45	495900	11382	16.97	26.281	1818.16	2147.518	1.108	1.46	550.006	1	14.766
11/7/2017 15:00	496800	11389	16.97	26.296	1817.997	2147.325	1.108	1.46	550.056	1	14.758
11/7/2017 15:15	497700	11388	16.971	26.295	1818	2147.32	1.108	1.46	550.055	1	14.756
11/7/2017 15:30	498600	11388	16.97	26.294	1817.96	2147.294	1.108	1.46	550.067	1	14.756
11/7/2017 15:45	499500	11389	16.97	26.297	1817.826	2147.123	1.108	1.46	550.108	1	14.754
11/7/2017 16:00	500400	11391	16.971	26.301	1817.792	2147.066	1.108	1.46	550.118	1	14.751
11/7/2017 16:15	501300	11383	16.97	26.282	1817.577	2146.833	1.108	1.46	550.183	1	14.758
11/7/2017 16:30	502200	11387	16.971	26.291	1817.756	2147.015	1.108	1.46	550.129	1	14.754
11/7/2017 16:45	503100	11388	16.97	26.295	1817.483	2146.714	1.108	1.46	550.211	1	14.754
11/7/2017 17:00	504000	11388	16.97	26.296	1817.226	2146.423	1.108	1.46	550.289	1	14.752
11/7/2017 17:15	504900	1139	16.97	26.3	1817.402	2146.63	1.108	1.46	550.236	1	14.749
11/7/2017 17:30	505800	11381	16.97	26.278	1817.258	2146.451	1.108	1.46	550.28	1	14.759
11/7/2017 17:45	506700	11385	16.97	26.289	1817.041	2146.191	1.108	1.459	550.345	1	14.756
11/7/2017 18:00	507600	11386	16.97	26.289	1817.082	2146.26	1.108	1.459	550.333	1	14.755
11/7/2017 18:15	508500	1138	16.971	26.275	1818.84	2145.941	1.107	1.459	550.406	1	14.761
11/7/2017 18:30	509400	11378	16.971	26.272	1818.837	2145.938	1.107	1.459	550.407	1	14.764
11/7/2017 18:45	510300	11379	16.971	26.273	1816.62	2145.689	1.107	1.459	550.473	1	14.765
11/7/2017 19:00	511200	11385	16.97	26.287	1816.611	2145.687	1.107	1.459	550.476	1	14.758
11/7/2017 19:15	512100	11386	16.97	26.289	1816.653	2145.742	1.107	1.459	550.463	1	14.758
11/7/2017 19:30	513000	11379	16.971	26.274	1816.621	2145.691	1.107	1.459	550.473	1	14.764
11/7/2017 19:45	513900	11389	16.97	26.289	1816.311	2145.333	1.107	1.459	550.566	1	14.754
11/7/2017 20:00	514800	1138	16.971	26.275	1816.231	2145.23	1.107	1.459	550.591	1	14.765
11/7/2017 20:15	515700	11386	16.97	26.29	1816.291	2145.309	1.107	1.459	550.573	1	14.758
11/7/2017 20:30	516600	11384	16.97	26.285	1816.042	2145.024	1.107	1.459	550.648	1	14.759
11/7/2017 20:45	517500	1138	16.97	26.277	1815.878	2144.835	1.107	1.458	550.698	1	14.763
11/7/2017 21:00	518400	11377	16.97	26.269	1815.845	2144.797	1.107	1.458	550.708	1	14.766
11/7/2017 21:15	519300	11377	16.97	26.268	1815.813	2144.75	1.107	1.458	550.717	1	14.768
11/7/2017 21:30	520200	11379	16.97	26.274	1815.645	2144.556	1.107	1.458	550.768	1	14.769
11/7/2017 21:45	521100	11382	16.971	26.281	1815.735	2144.644	1.107	1.458	550.741	1	14.768
11/7/2017 22:00	522000	11376	16.971	26.266	1815.521	2144.392	1.107	1.458	550.806	1	14.776
11/7/2017 22:15	522900	11374	16.97	26.262	1815.699	2144.623	1.107	1.458	550.752	1	14.777
11/7/2017 22:30	523800	11381	16.97	26.277	1815.339	2144.203	1.107	1.458	550.861	1	14.772
11/7/2017 22:45	524700	11377	16.97	26.269	1815.015	2143.802	1.106	1.458	550.96	1	14.776
11/7/2017 23:00	525600	11386	16.97	26.29	1815.139	2143.945	1.106	1.458	550.922	1	14.761
11/7/2017 23:15	526500	11378	16.97	26.272	1815.026	2143.816	1.106	1.458	550.956	1	14.773
11/7/2017 23:30	527400	1138	16.97	26.277	1814.992	2143.771	1.106	1.458	550.967	1	14.77
11/7/2017 23:45	528300	11374	16.971	26.263	1814.882	2143.628	1.106	1.458	551	1	14.774
11/8/2017 0:00	529200	11382	16.97	26.281	1814.758	2143.499	1.106	1.458	551.038	1	14.765
11/8/2017 0:15	530100	11378	16.97	26.272	1814.73	2143.47	1.106	1.458	551.046	1	14.769
11/8/2017 0:30	531000	11386	16.971	26.291	1814.54	2143.229	1.106	1.457	551.104	1	14.759
11/8/2017 0:45	531900	1138	16.97	26.277	1814.455	2143.146	1.106	1.457	551.13	1	14.764
11/8/2017 1:00	532800	11381	16.97	26.278	1814.609	2143.32	1.106	1.457	551.083	1	14.763
11/8/2017 1:15	533700	11376	16.97	26.267	1814.373	2143.04	1.106	1.457	551.155	1	14.765
11/8/2017 1:30	534600	11385	16.97	26.288	1814.348	2143.024	1.106	1.457	551.162	1	14.752
11/8/2017 1:45	535500	11384	16.97	26.285	1814.291	2142.947	1.106	1.457	551.18	1	14.752
11/8/2017 2:00	536400	11377	16.971	26.277	1814.228	2142.864	1.106	1.457	551.199	1	14.756
11/8/2017 2:15	537300	11386	16.97	26.289	1814.158	2142.79	1.106	1.457	551.22	1	14.744
11/8/2017 2:30	538200	11387	16.97	26.292	1813.797	2142.381	1.106	1.457	551.33	1	14.739
11/8/2017 2:45	539100	11382	16.971	26.28	1813.871	2142.444	1.106	1.457	551.307	1	14.742
11/8/2017 3:00	540000	11379	16.97	26.273	1813.764	2142.333	1.106	1.457	551.34	1	14.74
11/8/2017 3:15	540900	11383	16.971	26.283	1813.825	2142.388	1.106	1.457	551.321	1	14.732
11/8/2017 3:30	541800	11383	16.97	26.283	1813.663	2142.283	1.105	1.457	551.37	1	14.729
11/8/2017 3:45	542700	11376	16.97	26.267	1813.615	2142.146	1.105	1.457	551.385	1	14.735
11/8/2017 4:00	543600	11381	16.97	26.279	1813.579	2142.128	1.105	1.457	551.396	1	14.727
11/8/2017 4:15	544500	11375	16.97	26.265	1813.511	2142.035	1.105	1.457	551.417	1	14.733
11/8/2017 4:30	545400	11372	16.971	26.257	1813.273	2141.728	1.105	1.456	551.489	1	14.736
11/8/2017 4:45	546300	11376	16.97	26.266	1813.21	2141.675	1.105	1.456	551.508	1	14.732
11/8/2017 5:00	547200	11372	16.971	26.257	1813.167	2141.658	1.105	1.456	551.521	1	14.736
11/8/2017 5:15	548100	11372	16.97	26.257	1813.174	2141.625	1.105	1.456	551.519	1	14.737
11/8/2017 5:30	549000	11374	16.971	26.262	1812.981	2141.379	1.105	1.456	551.578	1	14.738
11/8/2017 5:45	549900	113									

Report Date: 11/10/2017 8:42
Report User Name: WMassoll
Report Computer Name: WKST52
Application: WinSitu.exe
Application Version: 5.6.27.1

Log File Properties
File Name MPWSP MW-7D LT Test_2017-11-09_09-49-05-815-BaroMerge.wsl
Create Date 11/10/2017 8:36

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

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

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

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

Log Notes:
Date and Time Note
3/2/2016 16:38 Used Battery: 0% Used Memory: 1% User Name: CShaw
3/2/2016 16:41 Sensor SN: 441205 Cache Timeout: 1000 User Name: CShaw
3/2/2016 16:46 Device Taken Offline
3/2/2016 16:47 Conductivity calibration.
Sensor SN: 441205
Cell Constant: 1.00383 Cell Offset: 0
Reference Temperature: 25 Temperature Coefficient: 0.0191 User Name: CShaw
3/2/2016 16:55 Device Put Online
3/2/2016 16:55 Sensor SN: 441205 Cache Timeout: 1750 User Name: CShaw
3/2/2016 17:20 Log Download - Used Battery: 0% Used Memory: 1% User Name: CShaw Interval - Start Time: 3/2/2016 4:15:00 PM Stop Time: 3/2/2016 5:15:00 PM
3/2/2016 17:22 Log Download - Used Battery: 0% Used Memory: 1% User Name: CShaw Interval - Start Time: 3/2/2016 5:15:00 PM Stop Time: 3/2/2016 6:15:00 PM
3/3/2016 11:51 Log Download - Used Battery: 0% Used Memory: 1% User Name: Skuiper Interval - Start Time: 1/31/2016 12:00:01 AM Stop Time: 3/3/2016 12:45:00 PM
3/10/2016 7:39 Log Download - Used Battery: 1% Used Memory: 1% User Name: KMakar
3/17/2016 13:42 Log Download - Used Battery: 1% Used Memory: 3% User Name: Skuiper Interval - Start Time: 3/8/2016 12:00:01 AM Stop Time: 3/17/2016 2:30:00 PM
3/24/2016 9:43 Log Download - Used Battery: 2% Used Memory: 3% User Name: KMakar Interval - Start Time: 3/15/2016 12:00:00 PM Stop Time: 3/24/2016 9:45:00 AM
3/31/2016 11:40 Log Download - Used Battery: 2% Used Memory: 4% User Name: Skuiper Interval - Start Time: 3/22/2016 12:00:00 PM Stop Time: 3/31/2016 12:30:00 PM
4/7/2016 10:42 Log Download - Used Battery: 2% Used Memory: 4% User Name: KMakar Interval - Start Time: 2/29/2016 5:00:00 PM Stop Time: 4/7/2016 10:45:00 AM
4/14/2016 8:52 Log Download - Used Battery: 3% Used Memory: 6% User Name: Skuiper Interval - Start Time: 4/5/2016 12:00:00 PM Stop Time: 4/14/2016 8:45:00 AM
4/21/2016 9:43 Log Download - Used Battery: 3% Used Memory: 6% User Name: ELinden Interval - Start Time: 4/12/2016 1:30:00 PM Stop Time: 4/21/2016 10:30:00 AM
4/28/2016 10:15 Log Download - Used Battery: 4% Used Memory: 7% User Name: KMakar Interval - Start Time: 4/19/2016 5:00:00 PM Stop Time: 4/28/2016 10:15:00 AM
5/5/2016 8:24 Log Download - Used Battery: 4% Used Memory: 7% User Name: Skuiper Interval - Start Time: 3/31/2016 12:00:00 PM Stop Time: 5/5/2016 9:15:00 AM
5/12/2016 8:54 Log Download - Used Battery: 4% Used Memory: 9% User Name: Skuiper Interval - Start Time: 5/3/2016 12:00:00 PM Stop Time: 5/12/2016 9:15:00 AM
5/19/2016 11:58 Log Download - Used Battery: 5% Used Memory: 10% User Name: ELinden Interval - Start Time: 5/10/2016 12:00:00 PM Stop Time: 5/19/2016 12:45:00 PM
5/26/2016 8:29 Log Download - Used Battery: 5% Used Memory: 10% User Name: Skuiper Interval - Start Time: 5/17/2016 6:00:00 AM Stop Time: 5/26/2016 9:15:00 AM
6/2/2016 10:31 Log Download - Used Battery: 5% Used Memory: 12% User Name: Skuiper Interval - Start Time: 4/30/2016 10:00:00 PM Stop Time: 6/2/2016 10:30:00 AM
6/9/2016 8:42 Log Download - Used Battery: 6% Used Memory: 12% User Name: CShaw Interval - Start Time: 5/31/2016 5:00:00 AM Stop Time: 6/9/2016 9:30:00 AM
6/16/2016 10:04 Log Download - Used Battery: 6% Used Memory: 14% User Name: Skuiper Interval - Start Time: 6/7/2016 10:30:00 PM Stop Time: 6/16/2016 10:00:00 AM
6/23/2016 9:23 Log Download - Used Battery: 6% Used Memory: 14% User Name: Skuiper Interval - Start Time: 6/15/2016 10:00:00 PM Stop Time: 6/23/2016 10:15:00 AM
7/1/2016 10:43 Log Download - Used Battery: 7% Used Memory: 15% User Name: Skuiper Interval - Start Time: 5/31/2016 10:00:00 PM Stop Time: 7/1/2016 11:15:00 AM
7/8/2016 11:06 Log Download - Used Battery: 7% Used Memory: 15% User Name: Skuiper Interval - Start Time: 6/29/2016 10:00:00 PM Stop Time: 7/8/2016 11:00:00 AM
7/14/2016 16:05 Log Download - Used Battery: 8% Used Memory: 17% User Name: ELinden Interval - Start Time: 7/5/2016 12:00:00 PM Stop Time: 7/14/2016 5:00:00 PM
7/21/2016 16:36 Log Download - Used Battery: 8% Used Memory: 17% User Name: Skuiper Interval - Start Time: 7/13/2016 10:00:00 PM Stop Time: 7/21/2016 4:30:00 PM
7/28/2016 17:24 Log Download - Used Battery: 8% Used Memory: 18% User Name: Skuiper Interval - Start Time: 7/20/2016 10:00:00 PM Stop Time: 7/28/2016 6:15:00 PM
8/4/2016 8:30 Log Download - Used Battery: 9% Used Memory: 18% User Name: Skuiper Interval - Start Time: 6/29/2016 10:00:00 PM Stop Time: 8/4/2016 9:00:00 PM
8/11/2016 11:13 Log Download - Used Battery: 9% Used Memory: 20% User Name: ELinden Interval - Start Time: 8/3/2016 12:00:00 PM Stop Time: 8/11/2016 12:00:00 PM
8/18/2016 14:35 Log Download - Used Battery: 9% Used Memory: 20% User Name: Skuiper Interval - Start Time: 8/10/2016 10:00:00 PM Stop Time: 8/18/2016 3:30:00 PM
8/25/2016 13:14 Log Download - Used Battery: 10% Used Memory: 21% User Name: ELinden Interval - Start Time: 8/17/2016 10:00:00 PM Stop Time: 8/25/2016 2:00:00 PM
9/1/2016 9:47 Log Download - Used Battery: 10% Used Memory: 21% User Name: skuiper Interval - Start Time: 7/31/2016 10:00:00 PM Stop Time: 9/1/2016 9:45:00 AM
9/8/2016 17:38 Log Download - Used Battery: 10% Used Memory: 23% User Name: Skuiper Interval - Start Time: 8/31/2016 10:00:00 PM Stop Time: 9/8/2016 5:45:00 PM
9/15/2016 13:09 Log Download - Used Battery: 11% Used Memory: 23% User Name: ANorris Interval - Start Time: 9/7/2016 10:00:00 PM Stop Time: 9/15/2016 1:45:00 PM
9/22/2016 10:58 Log Download - Used Battery: 11% Used Memory: 25% User Name: ANorris Interval - Start Time: 9/14/2016 10:00:00 PM Stop Time: 9/22/2016 11:45:00 AM
10/1/2016 9:57 Log Download - Used Battery: 12% Used Memory: 26% User Name: ANorris Interval - Start Time: 9/21/2016 10:00:00 PM Stop Time: 10/1/2016 10:45:00 AM
10/7/2016 16:10 Log Download - Used Battery: 12% Used Memory: 26% User Name: Skuiper Interval - Start Time: 9/28/2016 10:00:00 PM Stop Time: 10/7/2016 4:45:00 PM
10/13/2016 15:34 Log Download - Used Battery: 12% Used Memory: 26% User Name: Skuiper Interval - Start Time: 10/5/2016 10:00:00 PM Stop Time: 10/13/2016 4:15:00 PM
10/20/2016 15:02 Log Download - Used Battery: 13% Used Memory: 28% User Name: Skuiper Interval - Start Time: 10/12/2016 10:00:00 PM Stop Time: 10/20/2016 3:00:00 PM
10/27/2016 15:01 Log Download - Used Battery: 13% Used Memory: 29% User Name: Skuiper Interval - Start Time: 10/19/2016 10:00:00 PM Stop Time: 10/27/2016 3:45:00 PM
11/3/2016 14:39 Log Download - Used Battery: 13% Used Memory: 29% User Name: Skuiper Interval - Start Time: 9/30/2016 10:00:00 PM Stop Time: 11/3/2016 3:30:00 PM
11/10/2016 16:31 Log Download - Used Battery: 14% Used Memory: 31% User Name: Skuiper Interval - Start Time: 11/2/2016 10:00:00 PM Stop Time: 11/10/2016 4:30:00 PM
11/17/2016 13:57 Log Download - Used Battery: 14% Used Memory: 31% User Name: Skuiper Interval - Start Time: 11/9/2016 10:00:00 PM Stop Time: 11/17/2016 2:45:00 PM
11/24/2016 11:13 Log Download - Used Battery: 14% Used Memory: 32% User Name: Skuiper Interval - Start Time: 11/5/2016 10:00:00 PM Stop Time: 11/24/2016 11:30:00 AM
12/1/2016 16:01 Log Download - Used Battery: 15% Used Memory: 32% User Name: Skuiper Interval - Start Time: 10/31/2016 10:00:00 PM Stop Time: 12/1/2016 4:45:00 PM
12/9/2016 10:31 Log Download - Used Battery: 15% Used Memory: 34% User Name: Skuiper Interval - Start Time: 11/30/2016 10:00:00 PM Stop Time: 12/9/2016 10:30:00 AM
12/15/2016 11:57 Log Download - Used Battery: 15% Used Memory: 34% User Name: Skuiper Interval - Start Time: 12/7/2016 10:00:00 PM Stop Time: 12/15/2016 13:45:00 AM
12/22/2016 10:27 Log Download - Used Battery: 16% Used Memory: 35% User Name: ANorris Interval - Start Time: 12/14/2016 10:00:00 PM Stop Time: 12/22/2016 5:15:00 PM
1/5/2017 11:31 Log Download - Used Battery: 16% Used Memory: 37% User Name: Skuiper Interval - Start Time: 11/30/2016 10:00:00 PM Stop Time: 1/5/2017 12:15:00 PM
1/12/2017 15:17 Log Download - Used Battery: 17% Used Memory: 37% User Name: Skuiper Interval - Start Time: 1/4/2017 10:00:00 PM Stop Time: 1/12/2017 3:15:00 PM
1/19/2017 12:55 Log Download - Used Battery: 17% Used Memory: 39% User Name: EHernandez Interval - Start Time: 1/11/2017 10:00:00 PM Stop Time: 1/19/2017 1:45:00 PM
1/26/2017 8:31 Log Download - Used Battery: 18% Used Memory: 39% User Name: Skuiper Interval - Start Time: 1/18/2017 10:00:00 PM Stop Time: 1/26/2017 9:45:00 AM
2/2/2017 14:48 Log Download - Used Battery: 18% Used Memory: 40% User Name: WMassoll Interval - Start Time: 12/31/2016 10:00:00 PM Stop Time: 2/2/2017 2:55:00 PM
2/9/2017 12:56 Log Download - Used Battery: 18% Used Memory: 40% User Name: EHernandez Interval - Start Time: 2/1/2017 12:00:00 AM Stop Time: 2/9/2017 1:45:00 PM
2/16/2017 10:33 Log Download - Used Battery: 19% Used Memory: 42% User Name: WMassoll Interval - Start Time: 2/8/2017 10:00:00 PM Stop Time: 2/16/2017 10:47:00 AM
2/23/2017 11:25 Log Download - Used Battery: 19% Used Memory: 42% User Name: EHernandez Interval - Start Time: 2/15/2017 12:00:00 AM Stop Time: 2/23/2017 12:15:00 PM
3/2/2017 15:12 Log Download - Used Battery: 19% Used Memory: 43% User Name: Skuiper Interval - Start Time: 1/31/2017 10:00:00 PM Stop Time: 3/2/2017 4:00:00 PM
3/9/2017 10:37 Log Download - Used Battery: 20% Used Memory: 43% User Name: WMassoll Interval - Start Time: 3/2/2017 11:30:00 PM Stop Time: 3/9/2017 11:00:00 AM
3/16/2017 14:08 Log Download - Used Battery: 20% Used Memory: 45% User Name: WMassoll Interval - Start Time: 3/8/2017 10:00:00 PM Stop Time: 3/16/2017 3:00:00 PM
3/23/2017 12:04 Log Download - Used Battery: 20% Used Memory: 46% User Name: AVanHalsma Interval - Start Time: 3/15/2017 10:00:00 PM Stop Time: 3/23/2017 1:30:00 PM
3/30/2017 9:49 Log Download - Used Battery: 21% Used Memory: 46% User Name: AVanHalsma Interval - Start Time: 3/22/2017 10:00:00 PM Stop Time: 3/30/2017 10:45:00 AM
4/6/2017 10:58 Log Download - Used Battery: 21% Used Memory: 48% User Name: WMassoll Interval - Start Time: 2/28/2017 1:00:00 PM Stop Time: 4/1/2017 7:00:00 AM
4/6/2017 11:24 Log Download - Used Battery: 21% Used Memory: 48% User Name: WMassoll Interval - Start Time: 2/28/2017 1:00:00 PM Stop Time: 4/6/2017 12:00:00 PM
4/13/2017 9:42 Log Download - Used Battery: 22% Used Memory: 48% User Name: WMassoll Interval - Start Time: 4/5/2017 12:00:00 PM Stop Time: 4/13/2017 9:00:00 AM
11/10/2017 8:36 User Note: "Pressure & Level adjusted by baro data from: "MPWSP Barotroll_2017-11-09_18-08-51-172.wsl"

Log Data:
Record Count 724

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

Time Zone: Pacific Daylight Time/Pacific Standard Time

		Sensor: PCTD(A) 658.7ft		Sensor: PCTD(A) 658.7ft		Sensor: PCTD(A) 658.7ft		Sensor: PCTD(A) 658.7ft		Sensor: PCTD(A) 658.7ft		Sensor: PCTD(A) 658.7ft		Sensor: PCTD(A) 658.7ft		Sensor: PCTD(A) 658.7ft		Sensor: Baro-Adj Calc	
		SNR: 441205		SNR: 441205		SNR: 441205		SNR: 441205		SNR: 441205		SNR: 441205		SNR: 441205		SNR: 441205		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)			
11/2/2017 0:00	7200	117.562	19.23	267.961	34394.707	38655.004	24.817	26.285	29.074	1.017	14.716								
11/2/2017 0:15	8100	117.569	19.23	267.976	34382.637	38641.078	24.807	26.276	29.084	1.017	14.716								
11/2/2017 0:30	9000	117.555	19.23	267.945	34397.844	38658.238	24.82	26.288	29.072	1.017	14.726								
11/2/2017 0:45	9900	117.562	19.23	267.96	34404.25	38665.293	24.825	26.292	29.066	1.017	14.712								
11/2/2017 1:00	10800	117.562	19.23	267.959	34384.477	38643.363	24.809	26.277	29.083	1.017	14.719								
11/2/2017 1:15	11700	117.562	19.229	267.959	34374.184	38632.16	24.801	26.27	29.092	1.017	14.719								
11/2/2017 1:30	12600	117.549	19.23	267.949	34387.527	38646.574	24.811	26.28	29.08	1.017	14.724								
11/2/2017 1:45	13500	117.552	19.229	267.938	34377.391	38635.98	24.804	26.272	29.089	1.017	14.715								
11/2/2017 2:00	14400	117.551	19.23	267.936	34367.832	38624.656	24.796	26.265	29.097	1.017	14.722								
11/2/2017 2:15	15300	117.541	19.229	267.912	34401.223	38663.125	24.823	26.291	29.069	1.017	14.72								
11/2/2017 2:30	16200	117.545	19.231	267.921	34385.793	38644.258	24.81	26.278	29.082	1.017	14.716								
11/2/2017 2:45	17100	117.538	19.23	267.905	34384.148	38642.848	24.809	26.277	29.083	1.017	14.718								
11/2/2017 3:00	18000	117.531	19.229	267.889	34373.098	38631.156	24.8	26.269	29.093	1.017	14.723								
11/2/2017 3:15	18900	117.525	19.231	267.877	34361.301	38616.734	24.79	26.259	29.103	1.017	14.722								
11/2/2017 3:30	19800	117.513	19.229	267.849	34373.125	38631.258	24.8	26.269	29.092	1.017	14.724								
11/2/2017 3:45	20700	117.521	19.229	267.867	34331.102	38584.027	24.767	26.237	29.128	1.017	14.721								
11/2/2017 4:00	21600	117.503	19.229	267.826	34332.918	38585.785	24.768	26.238	29.127	1.017	14.719								
11/2/2017 4:15	22500	117.511	19.229	267.844	34361.117	38617.547	24.791	26.26	29.103	1.017	14.718								
11/2/2017 4:30	23400	117.509	19.23	267.84	34345.406	38599.309	24.778	26.248	29.116	1.017	14.711								
11/2/2017 4:45	24300	117.501	19.23	267.82	34351.125	38605.586	24.782	26.252	29.111	1.017	14.722								
11/2/2017 5:00	25200	117.512	19.23	267.845	34391.336	38650.926	24.814	26.283	29.077	1.017	14.714								
11/2/2017 5:15	26100	117.508	19.23	267.838	34364.199	38620.359	24.793	26.262	29.1	1.017	14.72								
11/2/2017 5:30	27000	117.506	19.23	267.833	34371.543	38628.68	24.799	26.268	29.094	1.017	14.722								
11/2/2017 5:45	27900	117.503	19.229	267.826	34389.266	38649.113	24.813	26.281	29.079	1.017	14.721								
11/2/2017 6:00	28800	117.501	19.23	267.82	34376.926	38634.801	24.803	26.272	29.089	1.017	14.717								
11/2/2017 6:15	29700	117.506	19.231	267.832	34370.387	38626.805	24.797	26.266	29.095	1.017	14.723								
11/2/2017 6:30	30600	117.509	19.23	267.84	34362.973	38619.051	24.792	26.261	29.101	1.017	14.72								
11/2/2017 6:45	31500	117.507	19.231	267.836	34382.234	38640.059	24.807	26.275	29.085	1.017	14.725								
11/2/2017 7:00	32400	117.516	19.229	267.855	34408.648	38671.398	24.829	26.297	29.062	1.017	14.725								
11/2/2017 7:15	33300	117.512	19.23	267.847	34403.41	38664.859	24.824	26.292	29.067	1.017	14.729								
11/2/2017 7:30	34200	117.526	19.23	267.878	34393.082	38652.531	24.816	26.284	29.076	1.017	14.731								
11/2/2017 7:45	35100	117.532	19.231	267.892	34358.902	38614.039	24.788	26.258	29.105	1.017	14.729								
11/2/2017 8:00	36000	117.528	19.23	267.88	34387.355	38646.453	24.811	26.28	29.08	1.017	14.737								
11/2/2017 8:15	36900	117.527	19.23	267.914	34374.883	38632.363	24.801	26.27	29.091	1.017	14.736								
11/2/2017 8:30	37800	117.545	19.229	267.921	34383.672	38642.824	24.809	26.277	29.084	1.017	14.74								
11/2/2017 8:45	38700	117.56	19.23	267.955	34389.395	38648.527	24.813	26.281	29.079	1.017	14.742								
11/2/2017 9:00	39600	117.561	19.23	267.958	34412.211	38674.316	24.831	26.299	29.059	1.017	14.749								
11/2/2017 9:15	40500	117.575	19.231	267.989	34380.469	38638.137	24.805	26.274	29.086	1.017	14.748								
11/2/2017 9:30	41400	117.58	19.23	268.001	34382.926	38641.258	24.808	26.276	29.084	1.017	14.748								
11/2/2017 9:45	42300	117.577	19.23	267.971	34371.645	38628.799	24.799	26.268	29.094	1.017	14.75								
11/2/2017 10:00	43200	117.577	19.23	267.993	34393.711	38653.156	24.816	26.284	29.075	1.017	14.758								
11/2/2017 10:15	44100	117.583	19.23	268.008	34399.66	38659.926	24.821	26.289	29.07	1.017	14.755								
11/2/2017 10:30	45000	117.587	19.23	268.017	34370.664	38628.059	24.798	26.267	29.095	1.017	14.757								
11/2/2017 10:45	45900	117.607	19.23	268.063	34382.16	38640.684	24.807	26.276	29.085	1.017	14.747								
11/2/2017 11:00	46800	117.612	19.23	268.075	34382.504	38640.852	24.807	26.276	29.085	1.017	14.747								
11/2/2017 11:15	47700	117.622	19.23	268.098	34393.242	38653.434	24.816	26.284	29.075	1.017	14.741								
11/2/2017 11:30	48600	117.61	19.23	268.069	34385.375	38644.297	24.81	26.278	29.077	1.017	14.747								
11/2/2017 11:45	49500	117.62	19.231	268.092	34389.484	38647.906	24.812	26.281	29.079	1.017	14.745								
11/2/2017 12:00	50400	117.619	19.23	268.09	34388.352	38647.285	24.812	26.28	29.08	1.017	14.748								
11/2/2017 12:15	51300	117.632	19.23	268.12	34410.152	38671.719	24.829	26.297	29.061	1.017	14.745								
11/2/2017 12:30	52200	117.621	19.23	268.094	34404.996	38665.262	24.825	26.292	29.066	1.017	14.745								
11/2/2017 12:45	53100	117.621	19.231	268.095	34408.414	38669.402	24.828	26.295	29.063	1.017	14.743								
11/2/2017 13:00	54000	117.61	19.23	268.069	34407.934	38669.508	24.828	26.295	29.063	1.017	14.744								
11/2/2017 13:15	54900	117.62	19.229	268.092	34412.105	38675.141	24.832	26.299	29.06	1.017	14.745								
11/2/2017 13:30	55800	117.605	19.23	268.059	34401.449	38662.078	24.822	26.29	29.069	1.017	14.741								
11/2/2017 13:45	56700	117.599	19.229	268.044	34409.715	38672.094	24.829	26.297	29.062	1.017	14.739								
11/2/2017 14:00	57600	117.604	19.23	268.056	34415.188	38677.73	24.833	26.301	29.057	1.017	14.738								
11/2/2017 14:15	58500	117.599	19.23	268.044	34411.184	38673.23	24.83	26.298	29.06	1.017	14.734								
11/2/2017 14:30	59400	117.591	19.23	268.025	34391.543	38651.305	24.815	26.283	29.077	1.017	14.738								
11/2/2017 14:45	60300	117.588	19.23	268.019	34384.625	38643.453	24.809	26.278	29.083	1.017	14.731								
11/2/2017 15:00	61200	117.57	19.23	267.978	34406.348	38667.582	24.826	26.294	29.064	1.017	14.734								
11/2/2017 15:15	62100	117.565	19.23	267.967	34416.313	38679.141	24.834	26.302	29.056	1.017	14.733								
11/2/2017 15:30	63000	117.554	19.23	267.942	34373.652	38631.121	24.8	26.269	29.092	1.017	14.738								
11/2/2017 15:45	63900	117.547	19.23	267.925	34385.371	38644.152	24.81	26.278	29.082	1.017	14.735								

11/2/2017 16:00	64800	117.551	19.23	267.935	34393.172	38652.988	24.816	26.284	29.076	1.017	14.729
11/2/2017 16:15	65700	117.534	19.23	267.896	34390.293	38649.754	24.814	26.282	29.078	1.017	14.735
11/2/2017 16:30	66600	117.525	19.23	267.875	34390.672	38650.543	24.814	26.282	29.078	1.017	14.737
11/2/2017 16:45	67500	117.515	19.23	267.853	34357.711	38613.5	24.788	26.257	29.106	1.017	14.735
11/2/2017 17:00	68400	117.511	19.229	267.843	34348.953	38603.734	24.781	26.251	29.113	1.017	14.742
11/2/2017 17:15	69300	117.504	19.23	267.829	34376.023	38634.008	24.802	26.271	29.09	1.017	14.737
11/2/2017 17:30	70200	117.502	19.23	267.824	34392.031	38651.852	24.815	26.283	29.075	1.017	14.735
11/2/2017 17:45	71100	117.493	19.23	267.802	34386.586	38645.516	24.811	26.279	29.081	1.017	14.732
11/2/2017 18:00	72000	117.482	19.229	267.777	34380.586	38639.426	24.806	26.275	29.086	1.017	14.741
11/2/2017 18:15	72900	117.491	19.229	267.797	34392.391	38652.84	24.816	26.284	29.076	1.017	14.73
11/2/2017 18:30	73800	117.483	19.23	267.78	34380.102	38637.945	24.805	26.274	29.087	1.017	14.734
11/2/2017 18:45	74700	117.478	19.23	267.768	34388.806	38647.98	24.812	26.281	29.079	1.017	14.738
11/2/2017 19:00	75600	117.479	19.23	267.77	34401.977	38662.813	24.824	26.291	29.063	1.017	14.738
11/2/2017 19:15	76500	117.478	19.23	267.768	34404.582	38665.664	24.825	26.293	29.066	1.017	14.74
11/2/2017 19:30	77400	117.484	19.23	267.782	34412.684	38674.988	24.831	26.299	29.059	1.017	14.74
11/2/2017 19:45	78300	117.484	19.229	267.783	34406.816	38668.836	24.827	26.295	29.064	1.017	14.738
11/2/2017 20:00	79200	117.484	19.23	267.782	34387.121	38645.973	24.811	26.279	29.081	1.017	14.744
11/2/2017 20:15	80100	117.495	19.23	267.806	34393.941	38653.707	24.816	26.285	29.075	1.017	14.734
11/2/2017 20:30	81000	117.498	19.23	267.814	34396.559	38656.797	24.819	26.287	29.072	1.017	14.735
11/2/2017 20:45	81900	117.494	19.23	267.805	34390.078	38649.363	24.813	26.282	29.078	1.017	14.738
11/2/2017 21:00	82800	117.506	19.23	267.833	34393.695	38653.363	24.816	26.284	29.075	1.017	14.736
11/2/2017 21:15	83700	117.51	19.23	267.841	34395.68	38655.66	24.818	26.286	29.073	1.017	14.743
11/2/2017 21:30	84600	117.519	19.23	267.863	34411.059	38672.875	24.83	26.298	29.06	1.017	14.733
11/2/2017 21:45	85500	117.513	19.231	267.849	34400.75	38660.93	24.821	26.289	29.069	1.017	14.744
11/2/2017 22:00	86400	117.521	19.23	267.867	34403.027	38663.781	24.824	26.291	29.067	1.017	14.746
11/2/2017 22:15	87300	117.532	19.231	267.893	34393.445	38652.656	24.816	26.284	29.075	1.017	14.739
11/2/2017 22:30	88200	117.531	19.23	267.89	34403.715	38664.691	24.824	26.292	29.067	1.017	14.742
11/2/2017 22:45	89100	117.533	19.23	267.895	34398.387	38658.566	24.82	26.288	29.071	1.017	14.745
11/2/2017 23:00	90000	117.544	19.231	267.918	34399.109	38659.152	24.82	26.288	29.071	1.017	14.747
11/2/2017 23:15	90900	117.538	19.231	267.906	34394.746	38654.117	24.817	26.285	29.074	1.017	14.741
11/2/2017 23:30	91800	117.556	19.23	267.946	34392.602	38652.492	24.815	26.284	29.076	1.017	14.744
11/2/2017 23:45	92700	117.546	19.23	267.924	34398.254	38658.551	24.82	26.288	29.071	1.017	14.749
11/3/2017 0:00	93600	117.553	19.23	267.94	34406.152	38667.723	24.826	26.294	29.065	1.017	14.745
11/3/2017 0:15	94500	117.552	19.23	267.937	34421.207	38684.211	24.838	26.305	29.052	1.017	14.75
11/3/2017 0:30	95400	117.564	19.23	267.966	34419.129	38682.305	24.837	26.304	29.054	1.017	14.746
11/3/2017 0:45	96300	117.561	19.23	267.959	34401.285	38661.961	24.822	26.29	29.069	1.017	14.744
11/3/2017 1:00	97200	117.56	19.23	267.955	34380.461	38655.555	24.806	26.274	29.086	1.017	14.746
11/3/2017 1:15	98100	117.563	19.23	267.962	34389.363	38649	24.813	26.281	29.079	1.017	14.746
11/3/2017 1:30	99000	117.563	19.231	267.963	34379.883	38637.477	24.805	26.273	29.087	1.017	14.739
11/3/2017 1:45	99900	117.569	19.231	267.977	34411.344	38672.773	24.83	26.297	29.06	1.017	14.743
11/3/2017 2:00	100800	117.56	19.23	267.956	34419.137	38682.535	24.837	26.304	29.054	1.017	14.749
11/3/2017 2:15	101700	117.554	19.23	267.942	34400.488	38660.926	24.821	26.289	29.069	1.017	14.748
11/3/2017 2:30	102600	117.546	19.23	267.946	34398.152	38655.234	24.796	26.285	29.071	1.017	14.746
11/3/2017 2:45	103500	117.549	19.23	267.951	34394.863	38654.891	24.817	26.285	29.074	1.017	14.751
11/3/2017 3:00	104400	117.548	19.23	267.927	34397.883	38658.066	24.819	26.287	29.072	1.017	14.74
11/3/2017 3:15	105300	117.528	19.229	267.882	34414.609	38677.953	24.834	26.301	29.057	1.017	14.745
11/3/2017 3:30	106200	117.541	19.23	267.912	34397.113	38657.563	24.819	26.287	29.072	1.017	14.741
11/3/2017 3:45	107100	117.529	19.23	267.885	34385.949	38645.16	24.81	26.279	29.082	1.017	14.742
11/3/2017 4:00	108000	117.559	19.23	267.963	34404.504	38666.053	24.825	26.293	29.066	1.017	14.752
11/3/2017 4:15	108900	117.529	19.23	267.884	34389.723	38649.113	24.813	26.281	29.078	1.017	14.736
11/3/2017 4:30	109800	117.52	19.229	267.864	34376.301	38634.539	24.803	26.271	29.09	1.017	14.746
11/3/2017 4:45	110700	117.517	19.23	267.858	34390.23	38649.613	24.813	26.282	29.078	1.017	14.744
11/3/2017 5:00	111600	117.511	19.229	267.843	34406.508	38668.625	24.827	26.295	29.064	1.017	14.746
11/3/2017 5:15	112500	117.507	19.229	267.835	34391.555	38651.969	24.815	26.283	29.077	1.017	14.745
11/3/2017 5:30	113400	117.513	19.23	267.849	34390.582	38650.441	24.814	26.282	29.078	1.017	14.752
11/3/2017 5:45	114300	117.5	19.229	267.819	34357.742	38591.137	24.772	26.242	29.122	1.017	14.75
11/3/2017 6:00	115200	117.515	19.23	267.853	34343.848	38597.34	24.776	26.246	29.117	1.017	14.744
11/3/2017 6:15	116100	117.511	19.23	267.844	34384.266	38643.27	24.809	26.277	29.083	1.017	14.748
11/3/2017 6:30	117000	117.52	19.229	267.864	34372.773	38630.645	24.8	26.269	29.093	1.017	14.739
11/3/2017 6:45	117900	117.526	19.231	267.878	34385.773	38644.098	24.81	26.278	29.082	1.017	14.738
11/3/2017 7:00	118800	117.519	19.23	267.862	34371.129	38628.359	24.798	26.267	29.094	1.017	14.746
11/3/2017 7:15	119700	117.522	19.23	267.868	34396.047	38655.781	24.819	26.286	29.071	1.017	14.746
11/3/2017 7:30	120600	117.533	19.23	267.894	34392.234	38651.719	24.815	26.283	29.076	1.017	14.745
11/3/2017 7:45	121500	117.572	19.23	267.983	34397.027	38657.25	24.819	26.287	29.072	1.017	14.748
11/3/2017 8:00	122400	117.538	19.231	267.906	34396.953	38656.801	24.819	26.287	29.072	1.017	14.746
11/3/2017 8:15	123300	117.555	19.229	267.943	34403.949	38665.973	24.825	26.293	29.066	1.017	14.749
11/3/2017 8:30	124200	117.57	19.23	267.977	34408.09	38669.398	24.828	26.295	29.063	1.017	14.745
11/3/2017 8:45	125100	117.559	19.23	267.959	34397.16	38657.487	24.819	26.287	29.072	1.017	14.75
11/3/2017 9:00	126000	117.568	19.23	267.973	34396.172	38656.074	24.818	26.286	29.073	1.017	14.757
11/3/2017 9:15	126900	117.583	19.23	268.008	34393.633	38653.871	24.816	26.285	29.075	1.017	14.758
11/3/2017 9:30	127800	117.584	19.23	268.01	34407.395	38669.262	24.827	26.295	29.064	1.017	14.763
11/3/2017 9:45	128700	117.591	19.23	268.026	34410.395	38671.988	24.829	26.297	29.061	1.017	14.763
11/3/2017 10:00	129600	117.61	19.23	268.068	34402.621	38663.609	24.823	26.291	29.068	1.017	14.765
11/3/2017 10:15	130500	117.61	19.231	268.069	34407.094	38667.969	24.827	26.294	29.064	1.017	14.764
11/3/2017 10:30	131400	117.636	19.23	268.129	34404.914	38666.117	24.825	26.293	29.066	1.017	14.753
11/3/2017 10:45	132300	117.62	19.23	268.092	34405.352	38666.461	24.825	26.293	29.065	1.017	14.762
11/3/2017 11:00	133200	117.62	19.231	268.092	34403.402	38663.98	24.824	26.292	29.067	1.017	14.761
11/3/2017 11:15	134100	117.641	19.23	268.139	34411.293	38673.285	24.83	26.298	29.06	1.017	14.761
11/3/2017 11:30	135000	117.637	19.229	268.132	34432.051	38697.125	24.847	26.314	29.043	1.017	14.765
11/3/2017 11:45	135900	117.646	19.231	268.146	34392.566	38655.1648	24.815	26.283	29.076	1.017	14.763
11/3/2017 12:00	136800	117.66	19.23	268.184	34398.48	38658.738	24.82	26.288	29.071	1.017	14.754
11/3/2017 12:15	137700	117.656	19.23	268.175	34406.516	38667.836	24.826	26.294	29.064	1.017	14.752
11/3/2017 12:30	138600	117.658	19.23	268.178	34404.57	38665.516					

11/4/2017 20:45	254700	117.546	19.229	267.924	34349.535	38604.391	24.781	26.251	29.112	1.017	14.756
11/4/2017 21:00	255600	117.547	19.23	267.927	34368.641	38625.711	24.796	26.265	29.096	1.017	14.756
11/4/2017 21:15	256500	117.559	19.231	267.954	34393.758	38652.93	24.816	26.284	29.075	1.017	14.76
11/4/2017 21:30	257400	117.542	19.23	267.914	34394.531	38654.805	24.817	26.285	29.074	1.017	14.767
11/4/2017 21:45	258300	117.561	19.23	267.957	34385.383	38644.602	24.81	26.278	29.083	1.017	14.765
11/4/2017 22:00	259200	117.571	19.23	267.981	34384.434	38642.953	24.809	26.277	29.083	1.017	14.759
11/4/2017 22:15	260100	117.568	19.229	267.974	34397.676	38658.699	24.82	26.287	29.072	1.017	14.777
11/4/2017 22:30	261000	117.558	19.229	267.951	34412.867	38675.566	24.832	26.299	29.059	1.017	14.776
11/4/2017 22:45	261900	117.563	19.229	267.963	34379.988	38638.684	24.806	26.274	29.087	1.017	14.779
11/4/2017 23:00	262800	117.572	19.229	267.982	34386.047	38645.492	24.81	26.279	29.082	1.017	14.777
11/4/2017 23:15	263700	117.586	19.23	268.016	34402.301	38663.395	24.823	26.291	29.068	1.017	14.775
11/4/2017 23:30	264600	117.589	19.23	268.021	34400.055	38660.945	24.821	26.289	29.07	1.017	14.772
11/4/2017 23:45	265500	117.589	19.23	268.022	34381.405	38659.695	24.806	26.275	29.085	1.017	14.776
11/5/2017 0:00	266400	117.599	19.229	268.044	34416.766	38680.02	24.835	26.302	29.056	1.017	14.774
11/5/2017 0:15	267300	117.6	19.23	268.046	34408.824	38670.293	24.828	26.296	29.062	1.017	14.779
11/5/2017 0:30	268200	117.609	19.23	268.066	34399.133	38659.539	24.82	26.288	29.07	1.017	14.783
11/5/2017 0:45	269100	117.617	19.23	268.084	34400.918	38661.34	24.822	26.29	29.069	1.017	14.781
11/5/2017 1:00	270000	117.621	19.23	268.093	34415.305	38678.008	24.834	26.301	29.057	1.017	14.782
11/5/2017 1:15	270900	117.63	19.23	268.115	34390.785	38650.375	24.814	26.282	29.078	1.017	14.782
11/5/2017 1:30	271800	117.626	19.23	268.106	34419.586	38682.895	24.837	26.304	29.053	1.017	14.782
11/5/2017 1:45	272700	117.637	19.23	268.131	34401.422	38662.48	24.823	26.29	29.069	1.017	14.782
11/5/2017 2:00	273600	117.649	19.23	268.159	34424.574	38688.57	24.841	26.308	29.049	1.017	14.778
11/5/2017 2:15	274500	117.643	19.229	268.145	34388.379	38648.113	24.812	26.281	29.08	1.017	14.786
11/5/2017 2:30	275400	117.647	19.23	268.154	34397.691	38657.785	24.819	26.287	29.072	1.017	14.783
11/5/2017 2:45	276300	117.636	19.23	268.129	34414.48	38676.938	24.833	26.3	29.058	1.017	14.783
11/5/2017 3:00	277200	117.645	19.229	268.149	34404.074	38665.824	24.825	26.293	29.066	1.017	14.781
11/5/2017 3:15	278100	117.64	19.23	268.137	34391.223	38650.512	24.814	26.282	29.077	1.017	14.789
11/5/2017 3:30	279000	117.646	19.231	268.152	34380.602	38638.426	24.805	26.274	29.086	1.017	14.782
11/5/2017 3:45	279900	117.646	19.23	268.151	34390.09	38649.891	24.814	26.282	29.078	1.017	14.78
11/5/2017 3:00	280800	117.63	19.23	268.115	34401.441	38662.426	24.823	26.29	29.069	1.017	14.79
11/5/2017 3:15	281700	117.637	19.231	268.132	34395.363	38655.383	24.818	26.286	29.074	1.017	14.791
11/5/2017 3:30	282600	117.632	19.231	268.12	34407.551	38668.641	24.827	26.295	29.063	1.017	14.786
11/5/2017 3:45	283500	117.638	19.229	268.133	34406.945	38669.051	24.827	26.295	29.064	1.017	14.784
11/5/2017 4:00	284400	117.635	19.229	268.127	34408.258	38670.816	24.828	26.296	29.063	1.017	14.782
11/5/2017 4:15	285300	117.634	19.23	268.124	34397.961	38658.734	24.82	26.288	29.071	1.017	14.784
11/5/2017 4:30	286200	117.634	19.23	268.125	34400.891	38661.516	24.822	26.29	29.069	1.017	14.788
11/5/2017 4:45	287100	117.628	19.23	268.111	34378.004	38656.086	24.804	26.286	29.084	1.017	14.789
11/5/2017 5:00	288000	117.622	19.23	268.097	34413.336	38675.797	24.832	26.3	29.059	1.017	14.792
11/5/2017 5:15	288900	117.634	19.23	268.125	34382.883	38641.57	24.808	26.276	29.084	1.017	14.794
11/5/2017 5:30	289800	117.627	19.23	268.108	34382.613	38641.121	24.807	26.276	29.084	1.017	14.79
11/5/2017 5:45	290700	117.626	19.229	268.105	34386.125	38645.797	24.811	26.279	29.081	1.017	14.792
11/5/2017 6:00	291600	117.627	19.23	268.109	34401.801	38663.051	24.823	26.291	29.068	1.017	14.791
11/5/2017 6:15	292500	117.624	19.23	268.125	34407.742	38669.363	24.827	26.295	29.063	1.017	14.795
11/5/2017 6:30	293400	117.63	19.23	268.114	34366.961	38623.246	24.795	26.264	29.098	1.017	14.793
11/5/2017 6:45	294300	117.635	19.23	268.127	34388.453	38647.832	24.812	26.281	29.08	1.017	14.8
11/5/2017 7:00	295200	117.664	19.23	268.194	34380.547	38639.02	24.806	26.275	29.086	1.017	14.801
11/5/2017 7:15	296100	117.632	19.23	268.119	34402.984	38664.238	24.824	26.292	29.067	1.017	14.809
11/5/2017 7:30	297000	117.651	19.23	268.163	34382.543	38641.332	24.808	26.276	29.085	1.017	14.803
11/5/2017 7:45	297900	117.658	19.23	268.178	34390.059	38649.711	24.813	26.282	29.078	1.017	14.808
11/5/2017 8:00	298800	117.65	19.23	268.16	34391.699	38651.402	24.815	26.283	29.077	1.017	14.813
11/5/2017 8:15	299700	117.668	19.229	268.201	34396.855	38657.777	24.819	26.287	29.072	1.017	14.808
11/5/2017 8:30	300600	117.679	19.23	268.228	34361.332	38617.352	24.791	26.26	29.102	1.017	14.809
11/5/2017 8:45	301500	117.678	19.229	268.225	34356.957	38612.938	24.787	26.257	29.106	1.017	14.815
11/5/2017 9:00	302400	117.684	19.23	268.239	34393.613	38653.773	24.816	26.285	29.075	1.017	14.812
11/5/2017 9:15	303300	117.705	19.23	268.286	34383.023	38641.805	24.808	26.276	29.084	1.017	14.811
11/5/2017 9:30	304200	117.697	19.23	268.268	34375.242	38632.129	24.802	26.271	29.092	1.017	14.816
11/5/2017 9:45	305100	117.711	19.23	268.3	34395.598	38655.645	24.818	26.286	29.073	1.017	14.818
11/5/2017 10:00	306000	117.724	19.229	268.329	34399.563	38660.684	24.821	26.289	29.07	1.017	14.816
11/5/2017 10:15	306900	117.732	19.23	268.348	34414	38676.113	24.832	26.3	29.058	1.017	14.814
11/5/2017 10:30	307800	117.743	19.23	268.373	34379.234	38637.109	24.805	26.273	29.087	1.017	14.814
11/5/2017 10:45	308700	117.745	19.23	268.377	34410.133	38671.302	24.829	26.297	29.061	1.017	14.813
11/5/2017 11:00	309600	117.758	19.23	268.408	34399.102	38659.589	24.821	26.289	29.071	1.017	14.819
11/5/2017 11:15	310500	117.765	19.231	268.422	34389.359	38648.195	24.812	26.281	29.079	1.017	14.812
11/5/2017 11:30	311400	117.766	19.23	268.424	34387.285	38646.371	24.811	26.28	29.081	1.017	14.805
11/5/2017 11:45	312300	117.782	19.23	268.461	34399.523	38660.492	24.821	26.289	29.07	1.017	14.802
11/5/2017 12:00	313200	117.811	19.23	268.527	34403.641	38664.469	24.824	26.292	29.067	1.017	14.803
11/5/2017 12:15	314100	117.785	19.231	268.467	34395.762	38655.461	24.818	26.286	29.073	1.017	14.799
11/5/2017 12:30	315000	117.793	19.231	268.495	34396.637	38656.305	24.819	26.286	29.073	1.017	14.795
11/5/2017 12:45	315900	117.796	19.23	268.493	34402.5	38663.617	24.823	26.291	29.068	1.017	14.793
11/5/2017 13:00	316800	117.796	19.23	268.493	34409.082	38670.941	24.829	26.296	29.062	1.017	14.786
11/5/2017 13:15	317700	117.791	19.23	268.483	34402.441	38663.336	24.823	26.291	29.068	1.017	14.786
11/5/2017 13:30	318600	117.802	19.23	268.508	34370.246	38627.293	24.798	26.267	29.095	1.017	14.78
11/5/2017 13:45	319500	117.797	19.23	268.495	34380.043	38638.523	24.806	26.274	29.087	1.017	14.787
11/5/2017 14:00	320400	117.79	19.229	268.479	34388.297	38648.16	24.812	26.281	29.08	1.017	14.781
11/5/2017 14:15	321300	117.786	19.229	268.47	34378.008	38636.891	24.804	26.273	29.088	1.017	14.78
11/5/2017 14:30	322200	117.779	19.229	268.455	34384.559	38643.957	24.809	26.278	29.083	1.017	14.778
11/5/2017 14:45	323100	117.772	19.23	268.439	34394.98	38655.387	24.818	26.286	29.074	1.017	14.778
11/5/2017 15:00	324000	117.754	19.23	268.397	34398.895	38659.566	24.82	26.289	29.071	1.017	14.781
11/5/2017 15:15	324900	117.747	19.229	268.383	34392.453	38652.98	24.816	26.284	29.076	1.017	14.777
11/5/2017 15:30	325800	117.755	19.23	268.4	34385.012	38643.672	24.809	26.278	29.082	1.017	14.795
11/5/2017 15:45	326700	117.737	19.229	268.36	34410.98	38673.445	24.83	26.298	29.06	1.017	14.778
11/5/2017 16:00	327600	117.729	19.23	268.34	34410.023	38672.219	24.829	26.297	29.061	1.017	14.777
11/5/2017 16:15	328500	117.705	19.23	268.286</							

11/7/2017 0:30	444600	117.649	19.23	268.158	34409.523	38671.586	24.829	26.297	29.062	1.017	14.799
11/7/2017 0:45	445500	117.651	19.23	268.164	34394.676	38654.898	24.817	26.285	29.074	1.017	14.795
11/7/2017 1:00	446400	117.659	19.23	268.181	34399.141	38659.551	24.82	26.288	29.07	1.017	14.8
11/7/2017 1:15	447300	117.669	19.231	268.204	34399.723	38659.711	24.821	26.289	29.07	1.017	14.792
11/7/2017 1:30	448200	117.675	19.23	268.218	34413.031	38682.051	24.836	26.304	29.054	1.017	14.795
11/7/2017 1:45	449100	117.679	19.23	268.228	34399.496	38659.742	24.821	26.289	29.07	1.017	14.793
11/7/2017 2:00	450000	117.683	19.23	268.235	34395.008	38654.98	24.817	26.285	29.074	1.017	14.79
11/7/2017 2:15	450900	117.687	19.23	268.246	34408.246	38669.93	24.828	26.296	29.063	1.017	14.789
11/7/2017 2:30	451800	117.701	19.23	268.277	34413.801	38676.395	24.832	26.3	29.058	1.017	14.777
11/7/2017 2:45	452700	117.712	19.23	268.301	34380.602	38639.227	24.806	26.275	29.086	1.017	14.782
11/7/2017 3:00	453600	117.711	19.231	268.3	34386.855	38645.383	24.81	26.279	29.081	1.017	14.778
11/7/2017 3:15	454500	117.73	19.23	268.342	34400.594	38661.351	24.822	26.29	29.069	1.017	14.779
11/7/2017 3:30	455400	117.703	19.229	268.282	34397.438	38654.297	24.82	26.288	29.072	1.017	14.781
11/7/2017 3:45	456300	117.715	19.229	268.309	34397.41	38658.195	24.82	26.288	29.072	1.017	14.779
11/7/2017 4:00	457200	117.711	19.229	268.301	34408.438	38670.727	24.828	26.296	29.063	1.017	14.783
11/7/2017 4:15	458100	117.723	19.23	268.327	34386.305	38645.563	24.811	26.279	29.081	1.017	14.777
11/7/2017 4:30	459000	117.722	19.229	268.325	34410.289	38672.809	24.83	26.298	29.061	1.017	14.783
11/7/2017 4:45	459900	117.726	19.23	268.334	34406.043	38667.746	24.825	26.293	29.065	1.017	14.781
11/7/2017 5:00	460800	117.722	19.23	268.324	34331.379	38583.688	24.767	26.237	29.128	1.017	14.78
11/7/2017 5:15	461700	117.719	19.23	268.317	34355.445	38610.52	24.786	26.255	29.107	1.017	14.789
11/7/2017 5:30	462600	117.719	19.23	268.319	34387.031	38646.086	24.811	26.279	29.081	1.017	14.788
11/7/2017 5:45	463500	117.709	19.23	268.296	34392.332	38652.266	24.815	26.284	29.076	1.017	14.795
11/7/2017 6:00	464400	117.717	19.23	268.314	34396.965	38657.32	24.819	26.287	29.072	1.017	14.787
11/7/2017 6:15	465300	117.711	19.229	268.299	34381.438	38640.527	24.807	26.276	29.085	1.017	14.791
11/7/2017 6:30	466200	117.717	19.23	268.314	34387.977	38647.219	24.812	26.28	29.08	1.017	14.794
11/7/2017 6:45	467100	117.71	19.23	268.298	34407.473	38668.777	24.827	26.295	29.063	1.017	14.791
11/7/2017 7:00	468000	117.713	19.23	268.304	34366.27	38622.684	24.794	26.263	29.098	1.017	14.79
11/7/2017 7:15	468900	117.722	19.231	268.324	34406.953	38667.969	24.826	26.294	29.064	1.017	14.791
11/7/2017 7:30	469800	117.72	19.23	268.321	34393.332	38652.883	24.816	26.284	29.075	1.017	14.79
11/7/2017 7:45	470700	117.72	19.23	268.321	34406.043	38667.746	24.826	26.294	29.065	1.017	14.792
11/7/2017 8:00	471600	117.724	19.229	268.329	34402.016	38663.656	24.823	26.291	29.068	1.017	14.792
11/7/2017 8:15	472500	117.729	19.229	268.34	34398.926	38660.254	24.821	26.289	29.071	1.017	14.791
11/7/2017 8:30	473400	117.725	19.23	268.331	34388.395	38647.406	24.812	26.28	29.08	1.017	14.801
11/7/2017 8:45	474300	117.712	19.231	268.302	34399.031	38659.066	24.82	26.288	29.071	1.017	14.801
11/7/2017 9:00	475200	117.73	19.23	268.342	34399.664	38660.285	24.821	26.289	29.07	1.017	14.796
11/7/2017 9:15	476100	117.742	19.229	268.369	34394.949	38655.715	24.818	26.286	29.074	1.017	14.796
11/7/2017 9:30	477000	117.739	19.23	268.364	34391.789	38651.727	24.815	26.283	29.072	1.017	14.79
11/7/2017 9:45	477900	117.748	19.23	268.384	34395.898	38656.121	24.818	26.286	29.073	1.017	14.788
11/7/2017 10:00	478800	117.749	19.229	268.387	34410.055	38672.477	24.83	26.297	29.061	1.017	14.778
11/7/2017 10:15	479700	117.764	19.23	268.42	34381.602	38639.984	24.807	26.275	29.085	1.017	14.784
11/7/2017 10:30	480600	117.762	19.23	268.417	34380.102	38638.59	24.806	26.274	29.087	1.017	14.787
11/7/2017 10:45	481500	117.775	19.23	268.445	34402.445	38663.195	24.823	26.291	29.068	1.017	14.782
11/7/2017 11:00	482400	117.786	19.23	268.471	34338.969	38591.789	24.773	26.242	29.121	1.017	14.782
11/7/2017 11:15	483300	117.786	19.23	268.471	34378.969	38637.172	24.805	26.273	29.088	1.017	14.784
11/7/2017 11:30	484200	117.809	19.23	268.524	34402.887	38663.551	24.823	26.291	29.067	1.017	14.769
11/7/2017 11:45	485100	117.805	19.23	268.514	34383.223	38641.523	24.808	26.276	29.084	1.017	14.777
11/7/2017 12:00	486000	117.815	19.23	268.536	34379.629	38637.621	24.805	26.274	29.087	1.017	14.78
11/7/2017 12:15	486900	117.816	19.229	268.539	34409.84	38672.164	24.829	26.297	29.061	1.017	14.769
11/7/2017 12:30	487800	117.821	19.23	268.551	34398.109	38658.609	24.82	26.289	29.071	1.017	14.773
11/7/2017 12:45	488700	117.825	19.229	268.559	34410.293	38673.32	24.83	26.298	29.061	1.017	14.771
11/7/2017 13:00	489600	117.83	19.23	268.571	34397.313	38657.574	24.819	26.287	29.072	1.017	14.766
11/7/2017 13:15	490500	117.842	19.23	268.599	34421.91	38685.141	24.839	26.306	29.051	1.017	14.762
11/7/2017 13:30	491400	117.846	19.23	268.607	34391.031	38650.434	24.814	26.282	29.077	1.017	14.764
11/7/2017 13:45	492300	117.857	19.229	268.633	34413.547	38676.469	24.832	26.3	29.058	1.017	14.763
11/7/2017 14:00	493200	117.854	19.229	268.627	34385.656	38644.984	24.81	26.279	29.082	1.017	14.764
11/7/2017 14:15	494100	117.849	19.231	268.615	34398.242	38658.109	24.819	26.289	29.071	1.017	14.76
11/7/2017 14:30	495000	117.849	19.23	268.614	34401.23	38662.117	24.822	26.29	29.069	1.017	14.764
11/7/2017 14:45	495900	117.842	19.231	268.599	34397.66	38657.527	24.819	26.287	29.072	1.017	14.766
11/7/2017 15:00	496800	117.849	19.229	268.613	34395.813	38656.754	24.818	26.287	29.073	1.017	14.758
11/7/2017 15:15	497700	117.851	19.229	268.618	34363.691	38620.438	24.793	26.262	29.1	1.017	14.756
11/7/2017 15:30	498600	117.85	19.229	268.616	34390.943	38650.684	24.814	26.282	29.078	1.017	14.756
11/7/2017 15:45	499500	117.851	19.229	268.614	34392.906	38653.554	24.816	26.284	29.076	1.017	14.784
11/7/2017 16:00	500400	117.833	19.231	268.579	34402.367	38662.887	24.823	26.291	29.068	1.017	14.751
11/7/2017 16:15	501300	117.824	19.23	268.557	34372.32	38629.199	24.799	26.268	29.093	1.017	14.758
11/7/2017 16:30	502200	117.813	19.23	268.532	34392.254	38651.602	24.815	26.283	29.076	1.017	14.754
11/7/2017 16:45	503100	117.817	19.23	268.54	34384.508	38643.32	24.809	26.277	29.083	1.017	14.754
11/7/2017 17:00	504000	117.797	19.23	268.496	34382.809	38641.707	24.808	26.276	29.084	1.017	14.752
11/7/2017 17:15	504900	117.791	19.229	268.481	34383.844	38620.715	24.793	26.262	29.092	1.017	14.76
11/7/2017 17:30	505800	117.772	19.23	268.439	34399.078	38659.992	24.821	26.289	29.071	1.017	14.759
11/7/2017 17:45	506700	117.757	19.23	268.404	34367.422	38624.27	24.795	26.265	29.097	1.017	14.756
11/7/2017 18:00	507600	117.758	19.229	268.407	34379.57	38638.5	24.805	26.274	29.087	1.017	14.755
11/7/2017 18:15	508500	117.733	19.229	268.35	34392.336	38652.699	24.816	26.284	29.076	1.017	14.761
11/7/2017 18:30	509400	117.718	19.23	268.315	34386.25	38645.141	24.81	26.279	29.081	1.017	14.764
11/7/2017 18:45	510300	117.711	19.23	268.3	34388.898	38648.188	24.812	26.28	29.079	1.017	14.791
11/7/2017 19:00	511200	117.707	19.229	268.29	34387.051	38646.836	24.811	26.28	29.081	1.017	14.758
11/7/2017 19:15	512100	117.701	19.229	268.278	34377.512	38636.039	24.804	26.273	29.089	1.017	14.758
11/7/2017 19:30	513000	117.673	19.229	268.213	34384.574	38643.91	24.809	26.278	29.083	1.017	14.764
11/7/2017 19:45	513900	117.676	19.229	268.219	34380.668	38639.52	24.806	26.275	29.086	1.017	14.754
11/7/2017 20:00	514800	117.654	19.229	268.169	34381.863	38641.297	24.807	26.276	29.085	1.017	14.765
11/7/2017 20:15	515700	117.65	19.229	268.16	34389.094	38649.277	24.813	26.282	29.079	1.017	14.758
11/7/2017 20:30	516600	117.633	19.229	268.121	34394.648	38655.09	24.817	26.285	29.074	1.017	14.759
11/7/2017 20:45	517500	117.625	19.229	268.103	34374.605	38633.066	24.802	26.27	29.091	1.017	14.763
11/7/2017 21:00	518400	117.626	19.23	26							

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	
	11/2/2017	0:00:00	0	135.855	21.3	5318.4
	11/2/2017	0:15:00	0	135.831	21.3	5176.7
	11/2/2017	0:30:00	0	135.83	21.3	5281.9
	11/2/2017	0:45:00	0	135.81	21.3	5248.6
	11/2/2017	1:00:00	0	135.833	21.3	5165.9
	11/2/2017	1:15:00	0	135.854	21.3	5276.6
	11/2/2017	1:30:00	0	135.858	21.3	5301.3
	11/2/2017	1:45:00	0	135.855	21.3	5248.6
	11/2/2017	2:00:00	0	135.856	21.3	5120.8
	11/2/2017	2:15:00	0	135.853	21.3	5211
	11/2/2017	2:30:00	0	135.809	21.3	5189.6
	11/2/2017	2:45:00	0	135.848	21.3	5317.4
	11/2/2017	3:00:00	0	135.868	21.3	5287.3
	11/2/2017	3:15:00	0	135.829	21.3	5254
	11/2/2017	3:30:00	0	135.87	21.3	5290.5
	11/2/2017	3:45:00	0	135.813	21.3	5266.9
	11/2/2017	4:00:00	0	135.853	21.3	5346.4
	11/2/2017	4:15:00	0	135.815	21.3	5405.4
	11/2/2017	4:30:00	0	135.814	21.3	5321.7
	11/2/2017	4:45:00	0	135.832	21.3	5424.8
	11/2/2017	5:00:00	0	135.83	21.3	5467.7
	11/2/2017	5:15:00	0	135.827	21.3	5477.4
	11/2/2017	5:30:00	0	135.806	21.3	5382.9
	11/2/2017	5:45:00	0	135.823	21.3	5364.6
	11/2/2017	6:00:00	0	135.845	21.3	5368.9
	11/2/2017	6:15:00	0	135.825	21.3	5394.7
	11/2/2017	6:30:00	0	135.843	21.3	5391.5
	11/2/2017	6:45:00	0	135.856	21.3	5460.2
	11/2/2017	7:00:00	0	135.834	21.3	5529
	11/2/2017	7:15:00	0	135.83	21.3	5449.5
	11/2/2017	7:30:00	0	135.843	21.3	5513.9
	11/2/2017	7:45:00	0	135.839	21.3	5436.6
	11/2/2017	8:00:00	0	135.871	21.3	5434.4
	11/2/2017	8:15:00	0	135.844	21.3	5392.6
	11/2/2017	8:30:00	0	135.833	21.3	5449.5
	11/2/2017	8:45:00	0	135.846	21.3	5336.7
	11/2/2017	9:00:00	0	135.843	21.3	5378.6
	11/2/2017	9:15:00	0	135.859	21.3	5391.5
	11/2/2017	9:30:00	0	135.856	21.3	5218.6
	11/2/2017	9:45:00	0	135.873	21.3	5268
	11/2/2017	10:00:00	0	135.814	21.3	5211
	11/2/2017	10:15:00	0	135.836	21.3	5236.8
	11/2/2017	10:30:00	0	135.876	21.3	5243.3
	11/2/2017	10:45:00	0	135.877	21.3	5293.7
	11/2/2017	11:00:00	0	135.859	21.3	5196
	11/2/2017	11:15:00	0	135.86	21.3	5147.7
	11/2/2017	11:30:00	0	135.88	21.3	5055.3
	11/2/2017	11:45:00	0	135.86	21.3	5165.9
	11/2/2017	12:00:00	0	135.844	21.3	5036
	11/2/2017	12:15:00	0	135.859	21.2	5088.4
	11/2/2017	12:30:00	0	135.861	21.3	5046.7
	11/2/2017	12:45:00	0	135.864	21.3	4988.7
	11/2/2017	13:00:00	0	135.845	21.3	5014.5
	11/2/2017	13:15:00	0	135.812	21.3	5096.1
	11/2/2017	13:30:00	0	135.834	21.3	4961.9
	11/2/2017	13:45:00	0	135.853	21.3	4986.6
	11/2/2017	14:00:00	0	135.815	21.3	5049.9
	11/2/2017	14:15:00	0	135.815	21.3	5089.7
	11/2/2017	14:30:00	0	135.836	21.3	5128.4
	11/2/2017	14:45:00	0	135.823	21.3	5027.4
	11/2/2017	15:00:00	0	135.845	21.3	5147.7
	11/2/2017	15:15:00	0	135.842	21.3	5146.6
	11/2/2017	15:30:00	0	135.836	21.3	5140.2
	11/2/2017	15:45:00	0	135.798	21.3	5114.4
	11/2/2017	16:00:00	0	135.797	21.3	5200.3
	11/2/2017	16:15:00	0	135.799	21.3	5220.7
	11/2/2017	16:30:00	0	135.799	21.3	5326
	11/2/2017	16:45:00	0	135.8	21.3	5295.9
	11/2/2017	17:00:00	0	135.764	21.3	5234.7
	11/2/2017	17:15:00	0	135.768	21.3	5413
	11/2/2017	17:30:00	0	135.769	21.3	5322.7
	11/2/2017	17:45:00	0	135.752	21.2	5383.2
	11/2/2017	18:00:00	0	135.732	21.2	5383.2
	11/2/2017	18:15:00	0	135.75	21.2	5426.3
	11/2/2017	18:30:00	0	135.71	21.2	5477.9
	11/2/2017	18:45:00	0	135.725	21.2	5448.9
	11/2/2017	19:00:00	0	135.758	21.2	5528.5
	11/2/2017	19:15:00	0	135.737	21.2	5452.1
	11/2/2017	19:30:00	0	135.735	21.2	5528.5
	11/2/2017	19:45:00	0	135.735	21.2	5626.4

11/2/2017	20:00:00	0	135.733	21.3	5482.8
11/2/2017	20:15:00	0	135.738	21.3	5449.5
11/2/2017	20:30:00	0	135.721	21.3	5464.5
11/2/2017	20:45:00	0	135.722	21.3	5523.6
11/2/2017	21:00:00	0	135.761	21.3	5505.3
11/2/2017	21:15:00	0	135.761	21.3	5438.7
11/2/2017	21:30:00	0	135.72	21.3	5378.6
11/2/2017	21:45:00	0	135.754	21.2	5461.8
11/2/2017	22:00:00	0	135.753	21.2	5419.8
11/2/2017	22:15:00	0	135.737	21.2	5396.1
11/2/2017	22:30:00	0	135.756	21.2	5350.9
11/2/2017	22:45:00	0	135.778	21.2	5404.7
11/2/2017	23:00:00	0	135.797	21.2	5277.8
11/2/2017	23:15:00	0	135.754	21.2	5360.6
11/2/2017	23:30:00	0	135.789	21.2	5349.9
11/2/2017	23:45:00	0	135.767	21.2	5272.4
11/3/2017	0:00:00	0	135.787	21.2	5212.1
11/3/2017	0:15:00	0	135.802	21.2	5249.8
11/3/2017	0:30:00	0	135.783	21.2	5221.8
11/3/2017	0:45:00	0	135.781	21.2	5263.8
11/3/2017	1:00:00	0	135.783	21.3	5202.5
11/3/2017	1:15:00	0	135.823	21.3	5226.1
11/3/2017	1:30:00	0	135.805	21.3	5168.1
11/3/2017	1:45:00	0	135.781	21.3	5167
11/3/2017	2:00:00	0	135.793	21.3	5165.9
11/3/2017	2:15:00	0	135.836	21.3	5269
11/3/2017	2:30:00	0	135.8	21.3	5259.4
11/3/2017	2:45:00	0	135.743	21.3	5214.3
11/3/2017	3:00:00	0	135.791	21.3	5186.3
11/3/2017	3:15:00	0	135.793	21.3	5214.3
11/3/2017	3:30:00	0	135.799	21.2	5249.8
11/3/2017	3:45:00	0	135.818	21.3	5240
11/3/2017	4:00:00	0	135.783	21.3	5286.2
11/3/2017	4:15:00	0	135.793	21.3	5254
11/3/2017	4:30:00	0	135.807	21.3	5277.6
11/3/2017	4:45:00	0	135.826	21.3	5359.3
11/3/2017	5:00:00	0	135.804	21.3	5317.4
11/3/2017	5:15:00	0	135.806	21.3	5331.3
11/3/2017	5:30:00	0	135.822	21.3	5408.7
11/3/2017	5:45:00	0	135.782	21.3	5362.5
11/3/2017	6:00:00	0	135.803	21.3	5377.5
11/3/2017	6:15:00	0	135.804	21.3	5461.3
11/3/2017	6:30:00	0	135.788	21.3	5339.9
11/3/2017	6:45:00	0	135.806	21.3	5390.4
11/3/2017	7:00:00	0	135.828	21.2	5411.2
11/3/2017	7:15:00	0	135.788	21.3	5382.9
11/3/2017	7:30:00	0	135.788	21.2	5402.6
11/3/2017	7:45:00	0	135.805	21.2	5357.4
11/3/2017	8:00:00	0	135.802	21.2	5473.6
11/3/2017	8:15:00	0	135.795	21.3	5381.8
11/3/2017	8:30:00	0	135.829	21.3	5382.9
11/3/2017	8:45:00	0	135.843	21.3	5359.3
11/3/2017	9:00:00	0	135.835	21.3	5359.3
11/3/2017	9:15:00	0	135.811	21.3	5386.1
11/3/2017	9:30:00	0	135.826	21.3	5307.7
11/3/2017	9:45:00	0	135.846	21.3	5336.7
11/3/2017	10:00:00	0	135.865	21.3	5206.8
11/3/2017	10:15:00	0	135.88	21.3	5198.2
11/3/2017	10:30:00	0	135.84	21.3	5217.5
11/3/2017	10:45:00	0	135.86	21.2	5221.8
11/3/2017	11:00:00	0	135.881	21.3	5101.5
11/3/2017	11:15:00	0	135.863	21.3	5236.8
11/3/2017	11:30:00	0	135.864	21.3	5082.2
11/3/2017	11:45:00	0	135.888	21.3	5060.7
11/3/2017	12:00:00	0	135.875	21.3	5016.7
11/3/2017	12:15:00	0	135.88	21.3	5000.5
11/3/2017	12:30:00	0	135.866	21.3	5008.1
11/3/2017	12:45:00	0	135.893	21.2	5060.4
11/3/2017	13:00:00	0	135.915	21.2	4972.2
11/3/2017	13:15:00	0	135.876	21.2	5009.9
11/3/2017	13:30:00	0	135.893	21.2	4937.8
11/3/2017	13:45:00	0	135.9	21.2	4990.5
11/3/2017	14:00:00	0	135.911	21.2	4956.1
11/3/2017	14:15:00	0	135.917	21.2	4947.4
11/3/2017	14:30:00	0	135.88	21.2	4986.2
11/3/2017	14:45:00	0	135.863	21.3	5000.5
11/3/2017	15:00:00	0	135.902	21.3	5009.1
11/3/2017	15:15:00	0	135.864	21.3	4989.8
11/3/2017	15:30:00	0	135.922	21.3	5124.1
11/3/2017	15:45:00	0	135.905	21.3	5152
11/3/2017	16:00:00	0	135.886	21.3	5078.9
11/3/2017	16:15:00	0	135.859	21.3	5120.8
11/3/2017	16:30:00	0	135.892	21.3	5207.8
11/3/2017	16:45:00	0	135.89	21.3	5231.5
11/3/2017	17:00:00	0	135.893	21.3	5301.3
11/3/2017	17:15:00	0	135.858	21.3	5254
11/3/2017	17:30:00	0	135.878	21.3	5328.1
11/3/2017	17:45:00	0	135.891	21.3	5397.9
11/3/2017	18:00:00	0	135.875	21.3	5319.5
11/3/2017	18:15:00	0	135.84	21.3	5415.1
11/3/2017	18:30:00	0	135.796	21.3	5404.4
11/3/2017	18:45:00	0	135.855	21.3	5534.3
11/3/2017	19:00:00	0	135.835	21.3	5457
11/3/2017	19:15:00	0	135.813	21.3	5396.9
11/3/2017	19:30:00	0	135.837	21.3	5526.8
11/3/2017	19:45:00	0	135.857	21.3	5547.2

11/3/2017	20:00:00	0	135.839	21.3	5527.9
11/3/2017	20:15:00	0	135.821	21.3	5546.1
11/3/2017	20:30:00	0	135.841	21.3	5582.7
11/3/2017	20:45:00	0	135.821	21.3	5599.8
11/3/2017	21:00:00	0	135.822	21.3	5556.9
11/3/2017	21:15:00	0	135.837	21.3	5515
11/3/2017	21:30:00	0	135.835	21.3	5547.2
11/3/2017	21:45:00	0	135.794	21.3	5537.5
11/3/2017	22:00:00	0	135.831	21.3	5541.8
11/3/2017	22:15:00	0	135.83	21.3	5509.6
11/3/2017	22:30:00	0	135.846	21.3	5510.7
11/3/2017	22:45:00	0	135.827	21.3	5516.1
11/3/2017	23:00:00	0	135.869	21.3	5509.6
11/3/2017	23:15:00	0	135.873	21.3	5452.7
11/3/2017	23:30:00	0	135.896	21.3	5447.3
11/3/2017	23:45:00	0	135.857	21.3	5443
11/4/2017	0:00:00	0	135.86	21.3	5402.2
11/4/2017	0:15:00	0	135.859	21.3	5323.8
11/4/2017	0:30:00	0	135.876	21.3	5309.9
11/4/2017	0:45:00	0	135.89	21.3	5341
11/4/2017	1:00:00	0	135.879	21.3	5299.1
11/4/2017	1:15:00	0	135.857	21.3	5236.8
11/4/2017	1:30:00	0	135.89	21.3	5235.8
11/4/2017	1:45:00	0	135.916	21.3	5318.4
11/4/2017	2:00:00	0	135.878	21.3	5217.5
11/4/2017	2:15:00	0	135.875	21.3	5194.9
11/4/2017	2:30:00	0	135.877	21.3	5336.7
11/4/2017	2:45:00	0	135.877	21.3	5179.9
11/4/2017	3:00:00	0	135.917	21.3	5234.7
11/4/2017	3:15:00	0	135.919	21.3	5232.5
11/4/2017	3:30:00	0	135.901	21.3	5199.2
11/4/2017	3:45:00	0	135.92	21.3	5234.7
11/4/2017	4:00:00	0	135.886	21.3	5260.5
11/4/2017	4:15:00	0	135.909	21.3	5263.7
11/4/2017	4:30:00	0	135.91	21.3	5241.1
11/4/2017	4:45:00	0	135.891	21.3	5277.6
11/4/2017	5:00:00	0	135.891	21.3	5244.3
11/4/2017	5:15:00	0	135.912	21.3	5268
11/4/2017	5:30:00	0	135.928	21.3	5297
11/4/2017	5:45:00	0	135.929	21.3	5404.4
11/4/2017	6:00:00	0	135.945	21.3	5372.1
11/4/2017	6:15:00	0	135.901	21.3	5365.7
11/4/2017	6:30:00	0	135.917	21.3	5355
11/4/2017	6:45:00	0	135.938	21.3	5397.9
11/4/2017	7:00:00	0	135.921	21.3	5415.1
11/4/2017	7:15:00	0	135.918	21.3	5358.2
11/4/2017	7:30:00	0	135.94	21.3	5391.5
11/4/2017	7:45:00	0	135.913	21.3	5304.5
11/4/2017	8:00:00	0	135.969	21.3	5345.3
11/4/2017	8:15:00	0	135.928	21.3	5355
11/4/2017	8:30:00	0	135.96	21.3	5313.1
11/4/2017	8:45:00	0	135.95	21.3	5321.7
11/4/2017	9:00:00	0	135.94	21.3	5305.6
11/4/2017	9:15:00	0	135.957	21.3	5322.7
11/4/2017	9:30:00	0	135.972	21.3	5368.9
11/4/2017	9:45:00	0	135.969	21.3	5317.4
11/4/2017	10:00:00	0	135.968	21.3	5260.5
11/4/2017	10:15:00	0	135.964	21.3	5231.5
11/4/2017	10:30:00	0	135.967	21.3	5211
11/4/2017	10:45:00	0	135.97	21.3	5212.1
11/4/2017	11:00:00	0	135.994	21.3	5165.9
11/4/2017	11:15:00	0	136.014	21.3	5133.7
11/4/2017	11:30:00	0	136.015	21.3	5133.7
11/4/2017	11:45:00	0	136	21.2	5163.7
11/4/2017	12:00:00	0	136.027	21.2	5022.8
11/4/2017	12:15:00	0	136.028	21.2	5185.2
11/4/2017	12:30:00	0	136.025	21.2	4949.6
11/4/2017	12:45:00	0	136.03	21.2	4993.7
11/4/2017	13:00:00	0	136.032	21.2	4916.2
11/4/2017	13:15:00	0	136.034	21.2	4947.4
11/4/2017	13:30:00	0	136.035	21.3	4909.3
11/4/2017	13:45:00	0	136.062	21.3	4923.2
11/4/2017	14:00:00	0	136.047	21.3	4912.5
11/4/2017	14:15:00	0	136.051	21.3	4898.5
11/4/2017	14:30:00	0	136.052	21.3	4868.4
11/4/2017	14:45:00	0	136.032	21.3	4867.4
11/4/2017	15:00:00	0	136.031	21.3	4905
11/4/2017	15:15:00	0	136.029	21.3	4920
11/4/2017	15:30:00	0	136.026	21.3	4940.4
11/4/2017	15:45:00	0	136.027	21.3	4967.3
11/4/2017	16:00:00	0	136.024	21.3	4990.9
11/4/2017	16:15:00	0	136.003	21.3	5087.5
11/4/2017	16:30:00	0	136.022	21.3	5009.1
11/4/2017	16:45:00	0	136.002	21.3	5164.9
11/4/2017	17:00:00	0	136.024	21.3	5142.3
11/4/2017	17:15:00	0	136.025	21.3	5190.6
11/4/2017	17:30:00	0	136.005	21.3	5226.1
11/4/2017	17:45:00	0	136.004	21.3	5351.7
11/4/2017	18:00:00	0	135.966	21.3	5388.3
11/4/2017	18:15:00	0	135.982	21.3	5386.1
11/4/2017	18:30:00	0	135.963	21.3	5346.4
11/4/2017	18:45:00	0	135.94	21.3	5491.4
11/4/2017	19:00:00	0	135.99	21.3	5454.8
11/4/2017	19:15:00	0	135.926	21.3	5547.2
11/4/2017	19:30:00	0	135.94	21.3	5442
11/4/2017	19:45:00	0	135.958	21.3	5516.1

11/4/2017	20:00:00	0	135.931	21.3	5547.2
11/4/2017	20:15:00	0	135.924	21.3	5578.4
11/4/2017	20:30:00	0	135.895	21.3	5560.1
11/4/2017	20:45:00	0	135.896	21.3	5577.3
11/4/2017	21:00:00	0	135.89	21.3	5656.8
11/4/2017	21:15:00	0	135.905	21.3	5578.4
11/4/2017	21:30:00	0	135.921	21.3	5646
11/4/2017	21:45:00	0	135.917	21.3	5640.6
11/4/2017	22:00:00	0	135.893	21.3	5610.6
11/4/2017	22:15:00	0	135.908	21.3	5624.5
11/4/2017	22:30:00	0	135.906	21.3	5561.2
11/4/2017	22:45:00	0	135.881	21.3	5530
11/4/2017	23:00:00	0	135.879	21.3	5597.7
11/4/2017	23:15:00	0	135.88	21.3	5541.8
11/4/2017	23:30:00	0	135.916	21.3	5533.2
11/4/2017	23:45:00	0	135.897	21.3	5496.7
11/5/2017	0:00:00	0	135.875	21.3	5585.9
11/5/2017	0:15:00	0	135.891	21.3	5561.2
11/5/2017	0:30:00	0	135.871	21.3	5464.5
11/5/2017	0:45:00	0	135.904	21.3	5497.8
11/5/2017	1:00:00	0	135.945	21.3	5426.9
11/5/2017	1:15:00	0	135.961	21.3	5408.7
11/5/2017	1:30:00	0	135.921	21.3	5390.4
11/5/2017	1:45:00	0	135.978	21.3	5372.1
11/5/2017	2:00:00	0	135.937	21.3	5353.9
11/5/2017	2:15:00	0	135.936	21.3	5327
11/5/2017	2:30:00	0	135.938	21.3	5345.3
11/5/2017	2:45:00	0	135.918	21.3	5322.7
11/5/2017	3:00:00	0	135.939	21.3	5297
11/5/2017	3:15:00	0	135.96	21.3	5307.7
11/5/2017	3:30:00	0	135.939	21.3	5335.6
11/5/2017	3:45:00	0	135.939	21.3	5339.9
11/5/2017	4:00:00	0	135.96	21.3	5222.9
11/5/2017	4:15:00	0	135.938	21.3	5293.7
11/5/2017	4:30:00	0	135.976	21.3	5321.7
11/5/2017	4:45:00	0	135.955	21.3	5397.9
11/5/2017	5:00:00	0	135.934	21.2	5301.5
11/5/2017	5:15:00	0	135.952	21.2	5311.1
11/5/2017	5:30:00	0	135.971	21.3	5349.6
11/5/2017	5:45:00	0	135.927	21.3	5317.4
11/5/2017	6:00:00	0	135.945	21.3	5327
11/5/2017	6:15:00	0	135.981	21.3	5297
11/5/2017	6:30:00	0	136.001	21.3	5351.7
11/5/2017	6:45:00	0	135.975	21.4	5366.4
11/5/2017	7:00:00	0	136.031	21.4	5362.1
11/5/2017	7:15:00	0	136.03	21.4	5311.8
11/5/2017	7:30:00	0	136.027	21.4	5326.8
11/5/2017	7:45:00	0	136.045	21.4	5371.8
11/5/2017	8:00:00	0	136.039	21.4	5380.4
11/5/2017	8:15:00	0	136.052	21.4	5382.5
11/5/2017	8:30:00	0	136.048	21.5	5392.8
11/5/2017	8:45:00	0	136.027	21.5	5400.3
11/5/2017	9:00:00	0	136.06	21.4	5323.6
11/5/2017	9:15:00	0	136.053	21.5	5320
11/5/2017	9:30:00	0	136.046	21.5	5309.3
11/5/2017	9:45:00	0	136.063	21.5	5311.5
11/5/2017	10:00:00	0	136.057	21.4	5285
11/5/2017	10:15:00	0	136.057	21.5	5325.4
11/5/2017	10:30:00	0	136.074	21.4	5346.1
11/5/2017	10:45:00	0	136.056	21.5	5295.4
11/5/2017	11:00:00	0	136.095	21.5	5176.7
11/5/2017	11:15:00	0	136.135	21.4	5279.6
11/5/2017	11:30:00	0	136.075	21.4	5167
11/5/2017	11:45:00	0	136.119	21.4	5233.5
11/5/2017	12:00:00	0	136.124	21.4	5120.9
11/5/2017	12:15:00	0	136.151	21.4	5115.6
11/5/2017	12:30:00	0	136.12	21.4	5114.5
11/5/2017	12:45:00	0	136.121	21.4	5107
11/5/2017	13:00:00	0	136.15	21.4	4973
11/5/2017	13:15:00	0	136.16	21.4	5023.4
11/5/2017	13:30:00	0	136.127	21.4	5027.7
11/5/2017	13:45:00	0	136.15	21.4	4914
11/5/2017	14:00:00	0	136.116	21.4	4956.9
11/5/2017	14:15:00	0	136.162	21.4	4971.9
11/5/2017	14:30:00	0	136.145	21.3	4981.2
11/5/2017	14:45:00	0	136.147	21.3	4873.8
11/5/2017	15:00:00	0	136.171	21.3	5022
11/5/2017	15:15:00	0	136.135	21.4	4896.9
11/5/2017	15:30:00	0	136.158	21.3	4900.7
11/5/2017	15:45:00	0	136.143	21.3	4957.6
11/5/2017	16:00:00	0	136.143	21.3	4984.4
11/5/2017	16:15:00	0	136.105	21.3	4958.7
11/5/2017	16:30:00	0	136.145	21.3	5080
11/5/2017	16:45:00	0	136.126	21.3	5060.7
11/5/2017	17:00:00	0	136.112	21.3	5132.6
11/5/2017	17:15:00	0	136.113	21.3	5140.2
11/5/2017	17:30:00	0	136.094	21.3	5126.2
11/5/2017	17:45:00	0	136.073	21.3	5225
11/5/2017	18:00:00	0	136.039	21.3	5226.1
11/5/2017	18:15:00	0	136.056	21.3	5293.7
11/5/2017	18:30:00	0	136.054	21.3	5436.6
11/5/2017	18:45:00	0	136.052	21.2	5411.2
11/5/2017	19:00:00	0	136.012	21.2	5488.7
11/5/2017	19:15:00	0	136.03	21.2	5470.4
11/5/2017	19:30:00	0	136.01	21.2	5456.4
11/5/2017	19:45:00	0	136.031	21.2	5593

11/5/2017	20:00:00	0	136.031	21.2	5497.3
11/5/2017	20:15:00	0	135.972	21.2	5593
11/5/2017	20:30:00	0	136.005	21.2	5573.7
11/5/2017	20:45:00	0	136.006	21.2	5651.2
11/5/2017	21:00:00	0	135.944	21.2	5624.3
11/5/2017	21:15:00	0	135.963	21.2	5659.8
11/5/2017	21:30:00	0	135.938	21.2	5629.6
11/5/2017	21:45:00	0	135.977	21.2	5696.3
11/5/2017	22:00:00	0	135.969	21.2	5678.1
11/5/2017	22:15:00	0	135.948	21.2	5661.9
11/5/2017	22:30:00	0	135.927	21.2	5721.1
11/5/2017	22:45:00	0	135.965	21.2	5755.5
11/5/2017	23:00:00	0	135.988	21.2	5714.6
11/5/2017	23:15:00	0	135.943	21.2	5667.3
11/5/2017	23:30:00	0	135.962	21.1	5649.8
11/5/2017	23:45:00	0	135.963	21.1	5717.7
11/6/2017	0:00:00	0	135.963	21.1	5670.3
11/6/2017	0:15:00	0	135.941	21.1	5636.9
11/6/2017	0:30:00	0	135.967	21.1	5689.7
11/6/2017	0:45:00	0	135.932	21.1	5588.4
11/6/2017	1:00:00	0	135.986	21.1	5575.4
11/6/2017	1:15:00	0	135.965	21.1	5700.5
11/6/2017	1:30:00	0	135.986	21.1	5571.1
11/6/2017	1:45:00	0	135.964	21.1	5500
11/6/2017	2:00:00	0	135.983	21.1	5510.7
11/6/2017	2:15:00	0	136.014	21.1	5445
11/6/2017	2:30:00	0	135.985	21.1	5479.5
11/6/2017	2:45:00	0	135.966	21.1	5396.5
11/6/2017	3:00:00	0	136.005	21.1	5524.8
11/6/2017	3:15:00	0	136.027	21.1	5393.2
11/6/2017	3:30:00	0	135.987	21.1	5420.2
11/6/2017	3:45:00	0	136.027	21.1	5406.2
11/6/2017	4:00:00	0	136.029	21.1	5401.9
11/6/2017	4:15:00	0	136.008	21.1	5310.2
11/6/2017	4:30:00	0	136.002	21.1	5370.6
11/6/2017	4:45:00	0	136	21.1	5490.3
11/6/2017	5:00:00	0	136.022	21.1	5425.6
11/6/2017	5:15:00	0	136.042	21.1	5327.5
11/6/2017	5:30:00	0	136.013	21.1	5348
11/6/2017	5:45:00	0	136.031	21.1	5330.7
11/6/2017	6:00:00	0	136.038	21.1	5433.1
11/6/2017	6:15:00	0	136.038	21.1	5323.2
11/6/2017	6:30:00	0	136.032	21.1	5378.1
11/6/2017	6:45:00	0	136.073	21.1	5402.9
11/6/2017	7:00:00	0	136.032	21.1	5367.4
11/6/2017	7:15:00	0	136.032	21.1	5384.6
11/6/2017	7:30:00	0	136.071	21.1	5364.1
11/6/2017	7:45:00	0	136.053	21.1	5414.8
11/6/2017	8:00:00	0	136.061	21.1	5407.2
11/6/2017	8:15:00	0	136.113	21.1	5490.3
11/6/2017	8:30:00	0	136.089	21.1	5522.6
11/6/2017	8:45:00	0	136.08	21.1	5371.7
11/6/2017	9:00:00	0	136.052	21.1	5410.5
11/6/2017	9:15:00	0	136.07	21.1	5484.9
11/6/2017	9:30:00	0	136.091	21.1	5376
11/6/2017	9:45:00	0	136.091	21.1	5369.5
11/6/2017	10:00:00	0	136.068	21.1	5408.3
11/6/2017	10:15:00	0	136.091	21.1	5399.7
11/6/2017	10:30:00	0	136.131	21.1	5425.6
11/6/2017	10:45:00	0	136.113	21.1	5315.6
11/6/2017	11:00:00	0	136.098	21.1	5249.9
11/6/2017	11:15:00	0	136.103	21.1	5235.8
11/6/2017	11:30:00	0	136.104	21.1	5259.6
11/6/2017	11:45:00	0	136.109	21.1	5205.7
11/6/2017	12:00:00	0	136.116	21.1	5180.9
11/6/2017	12:15:00	0	136.101	21.1	5219.7
11/6/2017	12:30:00	0	136.13	21.1	5189.5
11/6/2017	12:45:00	0	136.178	21.1	5205.7
11/6/2017	13:00:00	0	136.117	21.1	5110.8
11/6/2017	13:15:00	0	136.103	21.1	5080.6
11/6/2017	13:30:00	0	136.167	21.1	4971.7
11/6/2017	13:45:00	0	136.176	21.1	5027.8
11/6/2017	14:00:00	0	136.164	21.1	4961
11/6/2017	14:15:00	0	136.186	21.1	4998.7
11/6/2017	14:30:00	0	136.146	21.1	4982.5
11/6/2017	14:45:00	0	136.153	21.1	5004.1
11/6/2017	15:00:00	0	136.194	21.1	4949.1
11/6/2017	15:15:00	0	136.197	21.1	4937.2
11/6/2017	15:30:00	0	136.164	21.1	4958.8
11/6/2017	15:45:00	0	136.166	21.1	4910.3
11/6/2017	16:00:00	0	136.183	21.1	5056.9
11/6/2017	16:15:00	0	136.165	21.1	4975
11/6/2017	16:30:00	0	136.165	21.1	4962
11/6/2017	16:45:00	0	136.147	21.1	5046.1
11/6/2017	17:00:00	0	136.124	21.1	5061.2
11/6/2017	17:15:00	0	136.165	21.1	5134.5
11/6/2017	17:30:00	0	136.163	21.1	5024.6
11/6/2017	17:45:00	0	136.141	21.1	5113
11/6/2017	18:00:00	0	136.16	21.1	5145.3
11/6/2017	18:15:00	0	136.12	21.1	5217.5
11/6/2017	18:30:00	0	136.119	21.1	5226.1
11/6/2017	18:45:00	0	136.075	21.1	5199.2
11/6/2017	19:00:00	0	136.111	21.1	5327.5
11/6/2017	19:15:00	0	136.091	21.1	5383.5
11/6/2017	19:30:00	0	136.104	21.1	5370.6
11/6/2017	19:45:00	0	136.064	21.1	5367.4

11/6/2017	20:00:00	0	136.08	21.1	5544.2
11/6/2017	20:15:00	0	136.062	21.1	5436.4
11/6/2017	20:30:00	0	136.04	21.1	5508.6
11/6/2017	20:45:00	0	136.042	21.1	5544.2
11/6/2017	21:00:00	0	136.043	21.1	5559.2
11/6/2017	21:15:00	0	136.024	21.1	5699.4
11/6/2017	21:30:00	0	136.023	21.1	5652
11/6/2017	21:45:00	0	136.021	21.1	5667
11/6/2017	22:00:00	0	136.016	21.1	5736
11/6/2017	22:15:00	0	136.015	21.1	5723.1
11/6/2017	22:30:00	0	136.007	21.1	5658.4
11/6/2017	22:45:00	0	135.988	21.1	5716.6
11/6/2017	23:00:00	0	136	21.1	5697.2
11/6/2017	23:15:00	0	135.999	21.1	5811.5
11/6/2017	23:30:00	0	136.021	21.1	5727.4
11/6/2017	23:45:00	0	135.978	21.1	5777
11/7/2017	0:00:00	0	135.957	21.1	5709.1
11/7/2017	0:15:00	0	135.994	21.1	5700.5
11/7/2017	0:30:00	0	135.975	21.1	5735
11/7/2017	0:45:00	0	135.974	21.1	5788.9
11/7/2017	1:00:00	0	135.952	21.1	5784.5
11/7/2017	1:15:00	0	135.97	21.1	5658.4
11/7/2017	1:30:00	0	135.994	21.1	5689.7
11/7/2017	1:45:00	0	135.993	21.1	5618.5
11/7/2017	2:00:00	0	135.992	21.1	5577.6
11/7/2017	2:15:00	0	136.004	21.1	5576.5
11/7/2017	2:30:00	0	135.966	21.1	5580.8
11/7/2017	2:45:00	0	135.987	21.1	5565.7
11/7/2017	3:00:00	0	135.993	21.1	5510.7
11/7/2017	3:15:00	0	136.004	21.1	5581.9
11/7/2017	3:30:00	0	135.988	21.1	5494.6
11/7/2017	3:45:00	0	136.008	21.1	5412.6
11/7/2017	4:00:00	0	136.012	21.1	5461.1
11/7/2017	4:15:00	0	136.013	21.1	5481.6
11/7/2017	4:30:00	0	136.052	21.1	5442.8
11/7/2017	4:45:00	0	135.998	21.1	5433.1
11/7/2017	5:00:00	0	136.054	21.1	5438.5
11/7/2017	5:15:00	0	136.044	21.1	5404
11/7/2017	5:30:00	0	136.017	21.1	5357.7
11/7/2017	5:45:00	0	136.036	21.1	5353.3
11/7/2017	6:00:00	0	136.035	21.1	5365.2
11/7/2017	6:15:00	0	136.033	21.1	5356.6
11/7/2017	6:30:00	0	136.053	21.1	5433.1
11/7/2017	6:45:00	0	136.052	21.1	5374.9
11/7/2017	7:00:00	0	136.053	21.1	5385.7
11/7/2017	7:15:00	0	136.052	21.1	5349
11/7/2017	7:30:00	0	136.035	21.1	5364.1
11/7/2017	7:45:00	0	136.053	21.1	5399.7
11/7/2017	8:00:00	0	136.047	21.1	5420.2
11/7/2017	8:15:00	0	136.081	21.1	5442.8
11/7/2017	8:30:00	0	136.075	21.1	5378.1
11/7/2017	8:45:00	0	136.047	21.1	5359.8
11/7/2017	9:00:00	0	136.04	21.1	5421.3
11/7/2017	9:15:00	0	136.058	21.1	5402.9
11/7/2017	9:30:00	0	136.036	21.1	5476.2
11/7/2017	9:45:00	0	136.036	21.1	5421.3
11/7/2017	10:00:00	0	136.02	21.1	5396.5
11/7/2017	10:15:00	0	136.04	21.1	5356.6
11/7/2017	10:30:00	0	136.064	21.1	5364.1
11/7/2017	10:45:00	0	136.068	21.1	5310.2
11/7/2017	11:00:00	0	136.035	21.1	5382.5
11/7/2017	11:15:00	0	136.035	21.1	5382.5
11/7/2017	11:30:00	0	136.038	21.1	5302.7
11/7/2017	11:45:00	0	136.083	21.1	5328.6
11/7/2017	12:00:00	0	136.068	21.1	5288.7
11/7/2017	12:15:00	0	136.056	21.1	5305.9
11/7/2017	12:30:00	0	136.098	21.1	5201.4
11/7/2017	12:45:00	0	136.109	21.1	5240.2
11/7/2017	13:00:00	0	136.116	21.1	5148.5
11/7/2017	13:15:00	0	136.106	21.1	5262.8
11/7/2017	13:30:00	0	136.153	21.1	5194.9
11/7/2017	13:45:00	0	136.138	21.1	5250.9
11/7/2017	14:00:00	0	136.099	21.1	5123.7
11/7/2017	14:15:00	0	136.137	21.1	5051.5
11/7/2017	14:30:00	0	136.135	21.1	5035.3
11/7/2017	14:45:00	0	136.136	21.1	5021.3
11/7/2017	15:00:00	0	136.154	21.1	5013.8
11/7/2017	15:15:00	0	136.136	21.1	5014.9
11/7/2017	15:30:00	0	136.118	21.1	5055.8
11/7/2017	15:45:00	0	136.142	21.1	5051.5
11/7/2017	16:00:00	0	136.13	21.1	5019.2
11/7/2017	16:15:00	0	136.147	21.1	5107.6
11/7/2017	16:30:00	0	136.169	21.1	4998.7
11/7/2017	16:45:00	0	136.116	21.1	5014.9
11/7/2017	17:00:00	0	136.098	21.1	5037.5
11/7/2017	17:15:00	0	136.138	21.1	5066.6
11/7/2017	17:30:00	0	136.138	21.1	5144.2
11/7/2017	17:45:00	0	136.096	21.1	5019.2
11/7/2017	18:00:00	0	136.1	21.1	5161.5
11/7/2017	18:15:00	0	136.082	21.1	5093.5
11/7/2017	18:30:00	0	136.058	21.1	5143.1
11/7/2017	18:45:00	0	136.062	21.1	5169
11/7/2017	19:00:00	0	136.038	21.1	5235.8
11/7/2017	19:15:00	0	136.035	21.1	5244.5
11/7/2017	19:30:00	0	136.049	21.1	5265
11/7/2017	19:45:00	0	136.032	21.1	5283.3

11/7/2017	20:00:00	0	136.017	21.1	5338.3
11/7/2017	20:15:00	0	136.012	21.1	5385.7
11/7/2017	20:30:00	0	136.05	21.1	5476.2
11/7/2017	20:45:00	0	136.008	21.1	5466.5
11/7/2017	21:00:00	0	136.007	21.1	5411.6
11/7/2017	21:15:00	0	135.993	21.1	5439.6
11/7/2017	21:30:00	0	135.991	21.1	5503.2
11/7/2017	21:45:00	0	135.969	21.1	5584
11/7/2017	22:00:00	0	135.964	21.1	5618.5
11/7/2017	22:15:00	0	135.977	21.1	5588.4
11/7/2017	22:30:00	0	135.95	21.1	5715.6
11/7/2017	22:45:00	0	135.944	21.1	5694
11/7/2017	23:00:00	0	135.941	21.1	5690.8
11/7/2017	23:15:00	0	135.924	21.1	5671.4
11/7/2017	23:30:00	0	135.927	21.1	5783.5
11/7/2017	23:45:00	0	135.905	21.1	5731.7
11/8/2017	0:00:00	0	135.946	21.1	5729.6
11/8/2017	0:15:00	0	135.917	21.1	5711.2
11/8/2017	0:30:00	0	135.896	21.1	5739.3
11/8/2017	0:45:00	0	135.919	21.1	5730.6
11/8/2017	1:00:00	0	135.933	21.1	5715.6
11/8/2017	1:15:00	0	135.921	21.1	5723.1
11/8/2017	1:30:00	0	135.946	21.1	5756.5
11/8/2017	1:45:00	0	135.925	21.1	5698.3
11/8/2017	2:00:00	0	135.931	21.1	5636.9
11/8/2017	2:15:00	0	135.94	21.1	5661.7
11/8/2017	2:30:00	0	135.924	21.1	5639
11/8/2017	2:45:00	0	135.935	21.1	5652
11/8/2017	3:00:00	0	135.937	21.1	5617.5
11/8/2017	3:15:00	0	135.969	21.1	5595.9
11/8/2017	3:30:00	0	135.958	21.1	5652
11/8/2017	3:45:00	0	135.959	21.1	5539.8
11/8/2017	4:00:00	0	135.971	21.1	5534.5
11/8/2017	4:15:00	0	136.001	21.1	5531.2
11/8/2017	4:30:00	0	135.985	21.1	5494.6
11/8/2017	4:45:00	0	135.981	21.1	5418
11/8/2017	5:00:00	0	135.963	21.1	5407.2
11/8/2017	5:15:00	0	136.023	21.1	5473
11/8/2017	5:30:00	0	136.021	21.1	5543.1
11/8/2017	5:45:00	0	136.03	21.1	5402.9
11/8/2017	6:00:00	0	136.011	21.1	5351.2
11/8/2017	6:15:00	0	136.007	21.1	5385.7
11/8/2017	6:30:00	0	136.041	21.1	5364.1
11/8/2017	6:45:00	0	136.014	21.1	5392.2
11/8/2017	7:00:00	0	136.029	21.1	5321
11/8/2017	7:15:00	0	136.025	21.1	5321
11/8/2017	7:30:00	0	136.019	21.1	5376
11/8/2017	7:45:00	0	136.053	21.1	5318.9
11/8/2017	8:00:00	0	136.027	21.1	5296.2
11/8/2017	8:15:00	0	136.064	21.1	5295.1
11/8/2017	8:30:00	0	136.017	21.1	5319.9
11/8/2017	8:45:00	0	136.027	21.1	5305.9
11/8/2017	9:00:00	0	136.007	21.1	5296.2
11/8/2017	9:15:00	0	136.043	21.1	5273.6
11/8/2017	9:30:00	0	136.06	21.1	5394.3
11/8/2017	9:45:00	0	136.019	21.1	5333.9
11/8/2017	10:00:00	0	136.082	21.1	5332.9
11/8/2017	10:15:00	0	136.043	21.1	5283.3
11/8/2017	10:30:00	0	136.07	21.1	5329.6
11/8/2017	10:45:00	0	136.071	21.1	5327.5
11/8/2017	11:00:00	0	136.05	21.1	5333.9
11/8/2017	11:15:00	0	136.067	21.1	5369.5
11/8/2017	11:30:00	0	136.05	21.1	5247.7
11/8/2017	11:45:00	0	136.096	21.1	5273.6
11/8/2017	12:00:00	0	136.083	21.1	5262.8
11/8/2017	12:15:00	0	136.072	21.1	5342.6
11/8/2017	12:30:00	0	136.08	21.1	5297.3
11/8/2017	12:45:00	0	136.11	21.1	5351.2
11/8/2017	13:00:00	0	136.121	21.1	5236.9
11/8/2017	13:15:00	0	136.107	21.1	5272.5
11/8/2017	13:30:00	0	136.119	21.1	5249.9
11/8/2017	13:45:00	0	136.116	21.1	5221.8
11/8/2017	14:00:00	0	136.105	21.1	5199.2
11/8/2017	14:15:00	0	136.131	21.1	5162.5
11/8/2017	14:30:00	0	136.142	21.1	5152.8
11/8/2017	14:45:00	0	136.13	21.1	5097.9
11/8/2017	15:00:00	0	136.17	21.1	5111.9
11/8/2017	15:15:00	0	136.133	21.1	5051.5
11/8/2017	15:30:00	0	136.192	21.2	5017.4
11/8/2017	15:45:00	0	136.199	21.2	5015.2
11/8/2017	16:00:00	0	136.163	21.2	5029.2
11/8/2017	16:15:00	0	136.164	21.1	4977.1
11/8/2017	16:30:00	0	136.148	21.1	5033.2
11/8/2017	16:45:00	0	136.137	21.1	4957.7
11/8/2017	17:00:00	0	136.173	21.1	4939.4
11/8/2017	17:15:00	0	136.139	21.1	4952.3
11/8/2017	17:30:00	0	136.106	21.1	4970.7
11/8/2017	17:45:00	0	136.132	21.1	5018.1
11/8/2017	18:00:00	0	136.132	21.1	4981.4
11/8/2017	18:15:00	0	136.113	21.1	4998.7
11/8/2017	18:30:00	0	136.11	21.1	5074.1
11/8/2017	18:45:00	0	136.112	21.1	5040.7
11/8/2017	19:00:00	0	136.128	21.1	5190.6
11/8/2017	19:15:00	0	136.124	21.1	5127
11/8/2017	19:30:00	0	136.077	21.1	5139.9
11/8/2017	19:45:00	0	136.099	21.1	5199.2

11/8/2017	20:00:00	0	136.078	21.1	5196
11/8/2017	20:15:00	0	136.105	21.1	5203.5
11/8/2017	20:30:00	0	136.069	21.1	5265
11/8/2017	20:45:00	0	136.047	21.1	5260.6
11/8/2017	21:00:00	0	136.063	21.1	5252
11/8/2017	21:15:00	0	136.038	21.1	5353.3
11/8/2017	21:30:00	0	136.023	21.1	5373.8
11/8/2017	21:45:00	0	136.034	21.1	5396.5
11/8/2017	22:00:00	0	136.073	21.1	5373.8
11/8/2017	22:15:00	0	136.038	21.1	5497.8
11/8/2017	22:30:00	0	136.032	21.1	5388.9
11/8/2017	22:45:00	0	136.052	21.1	5498.9
11/8/2017	23:00:00	0	136.053	21.1	5399.7
11/8/2017	23:15:00	0	136.033	21.1	5439.6
11/8/2017	23:30:00	0	136.03	21.1	5635.8
11/8/2017	23:45:00	0	136.03	21.1	5433.1

Report Date: 11/10/2017 8:42
Report User Name: WMassoll
Report Computer Name: WKST52
Application: WinSitu.exe
Application Version: 5.6.27.1

Log File Properties
File Name MPWSP MW-75 LT Test_2017-11-09_10-08-29-490-BaroMerge.wsl
Create Date 11/10/2017 8:36

Device Properties
Device Aqua TROLL 200
Site MPWSP MW-75
Device Name
Serial Number 427086
Firmware Version 2
Hardware Version 3
Device Address 1
Device Comm Cfg 19200 8 Even 1 (Modbus-RTU)
Used Memory 0
Used Battery 0

Log Configuration
Log Name MPWSP MW-75 LT Test
Created By CShaw
Computer Name PROBOOK3
Application WinSitu.exe
Application Version 5.6.25.0
Create Date 11/28/2015 4:09:42 PM Pacific Standard Time
Log Setup Time Zone Pacific Standard Time
Notes Size(bytes) 4096
Overwrite when full Disabled
Scheduled Start Time 11/28/2015 5:00:00 PM Pacific Standard Time
Scheduled Stop Time No Stop Time
Type Linear
Interval Days: 0 hrs: 00 mins: 15 secs: 00

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

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

Log Notes:
Date and Time Note
11/28/2015 16:09 Used Battery: 0% Used Memory: 1% User Name: CShaw
11/28/2015 16:10 Sensor SN: 427086 Cache Timeout: 1000 User Name: CShaw
11/28/2015 16:11 Device Taken Offline
11/28/2015 16:13 Conductivity calibration.
Sensor SN: 427086
Cell Constant: 1.01973 Cell Offset: 0
Reference Temperature: 25 Temperature Coefficient: 0.0191 User Name: CShaw
11/28/2015 16:14 Device Put Online
11/28/2015 16:14 Sensor SN: 427086 Cache Timeout: 1750 User Name: CShaw
11/29/2015 12:55 Log Download - Used Battery: 0% Used Memory: 1% User Name: CShaw
12/3/2015 8:40 Log Download - Used Battery: 0% Used Memory: 1% User Name: KMakar
12/10/2015 10:54 Log Download - Used Battery: 0% Used Memory: 3% User Name: CShaw Interval - Start Time: 11/28/2015 5:00:00 PM Stop Time: 12/10/2015 11:30:00 AM
12/17/2015 10:22 Log Download - Used Battery: 1% Used Memory: 3% User Name: KMakar Interval - Start Time: 12/1/2015 12:00:00 PM Stop Time: 12/17/2015 10:15:00 AM
1/3/2016 11:08 Log Download - Used Battery: 2% Used Memory: 4% User Name: CShaw Interval - Start Time: 11/30/2015 1:00:00 AM Stop Time: 1/3/2016 11:00:00 AM
1/7/2016 9:38 Log Download - Used Battery: 2% Used Memory: 6% User Name: KMakar Interval - Start Time: 12/31/2015 10:00:00 AM Stop Time: 1/7/2016 9:30:00 AM
1/14/2016 11:36 Log Download - Used Battery: 2% Used Memory: 6% User Name: KMakar Interval - Start Time: 1/4/2016 10:00:00 AM Stop Time: 1/14/2016 11:30:00 AM
1/21/2016 9:52 Log Download - Used Battery: 3% Used Memory: 7% User Name: KMakar Interval - Start Time: 1/12/2016 11:00:00 AM Stop Time: 1/21/2016 9:45:00 AM
1/28/2016 10:10 Log Download - Used Battery: 3% Used Memory: 7% User Name: KMakar Interval - Start Time: 1/18/2016 11:45:00 AM Stop Time: 1/28/2016 10:00:00 AM
2/4/2016 10:56 Log Download - Used Battery: 3% Used Memory: 9% User Name: CShaw Interval - Start Time: 12/31/2015 1:00:00 PM Stop Time: 2/4/2016 11:45:00 AM
2/11/2016 8:06 Log Download - Used Battery: 4% Used Memory: 9% User Name: CShaw Interval - Start Time: 2/2/2016 2:30:00 PM Stop Time: 2/11/2016 9:00:00 AM
2/18/2016 10:45 Log Download - Used Battery: 4% Used Memory: 10% User Name: CShaw Interval - Start Time: 2/4/2016 3:00:00 AM Stop Time: 2/18/2016 11:00:00 AM
2/25/2016 10:12 Log Download - Used Battery: 4% Used Memory: 10% User Name: KMakar Interval - Start Time: 2/15/2016 5:30:00 PM Stop Time: 2/25/2016 10:00:00 AM
3/3/2016 11:53 Log Download - Used Battery: 5% Used Memory: 12% User Name: SKuiper Interval - Start Time: 1/31/2016 12:00:01 AM Stop Time: 3/3/2016 12:45:00 PM
3/10/2016 7:44 Log Download - Used Battery: 5% Used Memory: 12% User Name: KMakar Interval - Start Time: 3/1/2016 12:00:00 PM Stop Time: 3/10/2016 7:45:00 AM
3/17/2016 14:24 Log Download - Used Battery: 5% Used Memory: 14% User Name: SKuiper Interval - Start Time: 3/8/2016 12:00:01 AM Stop Time: 3/17/2016 3:15:00 PM
3/24/2016 9:41 Log Download - Used Battery: 6% Used Memory: 14% User Name: KMakar Interval - Start Time: 3/15/2016 12:00:00 PM Stop Time: 3/24/2016 9:45:00 AM
3/31/2016 12:03 Log Download - Used Battery: 8% Used Memory: 15% User Name: SKuiper Interval - Start Time: 5/3/2016 12:00:00 PM Stop Time: 5/12/2016 10:00:00 AM
4/7/2016 10:57 Log Download - Used Battery: 6% Used Memory: 15% User Name: KMakar Interval - Start Time: 2/29/2016 5:00:00 PM Stop Time: 4/7/2016 10:45:00 AM
4/14/2016 9:09 Log Download - Used Battery: 7% Used Memory: 17% User Name: SKuiper Interval - Start Time: 4/5/2016 12:00:00 PM Stop Time: 4/14/2016 9:45:00 AM
4/21/2016 9:05 Log Download - Used Battery: 7% Used Memory: 18% User Name: ELinden Interval - Start Time: 4/12/2016 1:30:00 PM Stop Time: 4/21/2016 9:30:00 AM
4/28/2016 10:19 Log Download - Used Battery: 8% Used Memory: 18% User Name: KMakar Interval - Start Time: 4/19/2016 5:00:00 PM Stop Time: 4/28/2016 10:15:00 AM
5/5/2016 8:15 Log Download - Used Battery: 8% Used Memory: 20% User Name: SKuiper Interval - Start Time: 3/31/2016 12:00:00 PM Stop Time: 5/5/2016 9:05:00 AM
5/12/2016 9:13 Log Download - Used Battery: 8% Used Memory: 20% User Name: SKuiper Interval - Start Time: 5/3/2016 12:00:00 PM Stop Time: 5/12/2016 10:00:00 AM
5/19/2016 12:16 Log Download - Used Battery: 9% Used Memory: 21% User Name: ELinden Interval - Start Time: 5/10/2016 12:00:00 PM Stop Time: 5/19/2016 2:15:00 PM
5/26/2016 8:37 Log Download - Used Battery: 9% Used Memory: 21% User Name: SKuiper Interval - Start Time: 5/17/2016 6:00:00 AM Stop Time: 5/26/2016 9:30:00 AM
6/2/2016 10:47 Log Download - Used Battery: 9% Used Memory: 23% User Name: SKuiper Interval - Start Time: 4/30/2016 10:00:00 PM Stop Time: 6/2/2016 11:30:00 AM
6/9/2016 8:35 Log Download - Used Battery: 10% Used Memory: 23% User Name: CShaw Interval - Start Time: 5/31/2016 5:00:00 AM Stop Time: 6/9/2016 9:30:00 AM
6/16/2016 10:23 Log Download - Used Battery: 10% Used Memory: 25% User Name: SKuiper Interval - Start Time: 6/7/2016 10:30:00 PM Stop Time: 6/16/2016 11:00:00 AM
6/23/2016 9:06 Log Download - Used Battery: 10% Used Memory: 25% User Name: SKuiper Interval - Start Time: 6/15/2016 10:00:00 PM Stop Time: 6/23/2016 10:00:00 AM
7/1/2016 10:55 Log Download - Used Battery: 11% Used Memory: 26% User Name: SKuiper Interval - Start Time: 5/31/2016 10:00:00 PM Stop Time: 7/1/2016 10:45:00 AM
7/8/2016 11:18 Log Download - Used Battery: 11% Used Memory: 26% User Name: SKuiper Interval - Start Time: 6/29/2016 10:00:00 PM Stop Time: 7/8/2016 12:00:00 PM
7/14/2016 15:47 Log Download - Used Battery: 12% Used Memory: 28% User Name: ELinden Interval - Start Time: 7/5/2016 12:00:00 PM Stop Time: 7/14/2016 4:45:00 PM
7/21/2016 16:46 Log Download - Used Battery: 12% Used Memory: 28% User Name: SKuiper Interval - Start Time: 7/13/2016 10:00:00 PM Stop Time: 7/21/2016 5:30:00 PM
7/28/2016 17:35 Log Download - Used Battery: 12% Used Memory: 29% User Name: SKuiper Interval - Start Time: 7/20/2016 10:00:00 PM Stop Time: 7/28/2016 6:30:00 PM
8/4/2016 8:45 Log Download - Used Battery: 13% Used Memory: 29% User Name: SKuiper Interval - Start Time: 6/30/2016 10:00:00 PM Stop Time: 8/4/2016 8:45:00 AM
8/11/2016 11:27 Log Download - Used Battery: 13% Used Memory: 31% User Name: ELinden Interval - Start Time: 8/1/2016 12:15:00 PM Stop Time: 8/11/2016 12:15:00 PM
8/18/2016 14:52 Log Download - Used Battery: 13% Used Memory: 31% User Name: SKuiper Interval - Start Time: 8/10/2016 10:00:00 PM Stop Time: 8/18/2016 3:45:00 PM
8/25/2016 13:03 Log Download - Used Battery: 14% Used Memory: 32% User Name: ELinden Interval - Start Time: 8/17/2016 10:00:00 PM Stop Time: 8/25/2016 2:00:00 PM
9/1/2016 10:04 Log Download - Used Battery: 14% Used Memory: 32% User Name: skuiper Interval - Start Time: 7/31/2016 10:00:00 PM Stop Time: 9/1/2016 10:45:00 AM
9/8/2016 17:49 Log Download - Used Battery: 14% Used Memory: 34% User Name: SKuiper Interval - Start Time: 8/31/2016 10:00:00 PM Stop Time: 9/8/2016 5:45:00 PM
9/15/2016 13:15 Log Download - Used Battery: 15% Used Memory: 34% User Name: ANorris Interval - Start Time: 9/7/2016 10:00:00 PM Stop Time: 9/15/2016 2:00:00 PM
9/22/2016 11:02 Log Download - Used Battery: 15% Used Memory: 35% User Name: ANorris Interval - Start Time: 9/14/2016 10:00:00 PM Stop Time: 9/22/2016 12:00:00 PM
10/1/2016 9:35 Log Download - Used Battery: 16% Used Memory: 37% User Name: ANorris Interval - Start Time: 9/21/2016 10:00:00 PM Stop Time: 10/1/2016 10:30:00 AM
10/7/2016 16:29 Log Download - Used Battery: 16% Used Memory: 37% User Name: SKuiper Interval - Start Time: 9/28/2016 10:00:00 PM Stop Time: 10/7/2016 5:15:00 PM
10/7/2016 16:30 Log Download - Used Battery: 16% Used Memory: 37% User Name: SKuiper Interval - Start Time: 9/28/2016 10:00:00 PM Stop Time: 10/7/2016 4:30:00 PM
10/13/2016 15:44 Log Download - Used Battery: 16% Used Memory: 39% User Name: SKuiper Interval - Start Time: 10/5/2016 10:00:00 PM Stop Time: 10/13/2016 4:30:00 PM
10/20/2016 15:35 Log Download - Used Battery: 17% Used Memory: 39% User Name: SKuiper Interval - Start Time: 10/12/2016 10:00:00 PM Stop Time: 10/20/2016 4:00:00 PM
10/27/2016 15:10 Log Download - Used Battery: 17% Used Memory: 40% User Name: SKuiper Interval - Start Time: 10/19/2016 10:00:00 PM Stop Time: 10/27/2016 3:00:00 PM
11/3/2016 14:59 Log Download - Used Battery: 17% Used Memory: 40% User Name: SKuiper Interval - Start Time: 9/30/2016 10:00:00 PM Stop Time: 11/3/2016 3:45:00 PM
11/10/2016 16:15 Log Download - Used Battery: 18% Used Memory: 42% User Name: SKuiper Interval - Start Time: 11/2/2016 10:00:00 PM Stop Time: 11/10/2016 5:00:00 PM
11/17/2016 13:58 Log Download - Used Battery: 18% Used Memory: 42% User Name: SKuiper Interval - Start Time: 11/9/2016 10:00:00 PM Stop Time: 11/17/2016 2:45:00 PM
11/24/2016 11:29 Log Download - Used Battery: 18% Used Memory: 43% User Name: SKuiper Interval - Start Time: 11/15/2016 10:00:00 PM Stop Time: 11/24/2016 12:15:00 PM
12/1/2016 16:20 Log Download - Used Battery: 19% Used Memory: 43% User Name: SKuiper Interval - Start Time: 10/31/2016 10:00:00 PM Stop Time: 12/1/2016 4:15:00 PM
12/9/2016 10:49 Log Download - Used Battery: 19% Used Memory: 45% User Name: SKuiper Interval - Start Time: 11/30/2016 10:00:00 PM Stop Time: 12/9/2016 1:30:00 AM
12/15/2016 12:10 Log Download - Used Battery: 19% Used Memory: 45% User Name: SKuiper Interval - Start Time: 12/7/2016 10:00:00 PM Stop Time: 12/15/2016 12:45:00 PM
12/22/2016 10:31 Log Download - Used Battery: 20% Used Memory: 46% User Name: ANorris Interval - Start Time: 12/14/2016 10:00:00 PM Stop Time: 12/22/2016 11:30:00 AM
1/5/2017 11:47 Log Download - Used Battery: 21% Used Memory: 48% User Name: SKuiper Interval - Start Time: 11/30/2016 10:00:00 PM Stop Time: 1/5/2017 11:45:00 AM
1/12/2017 15:29 Log Download - Used Battery: 21% Used Memory: 48% User Name: SKuiper Interval - Start Time: 1/4/2017 10:00:00 PM Stop Time: 1/12/2017 3:15:00 PM
1/19/2017 13:09 Log Download - Used Battery: 21% Used Memory: 50% User Name: EHernandez Interval - Start Time: 1/11/2017 10:00:00 PM Stop Time: 1/19/2017 2:00:00 PM
1/26/2017 8:47 Log Download - Used Battery: 22% Used Memory: 50% User Name: SKuiper Interval - Start Time: 1/18/2017 10:00:00 PM Stop Time: 1/26/2017 8:45:00 AM
2/2/2017 15:03 Log Download - Used Battery: 22% Used Memory: 51% User Name: WMassoll Interval - Start Time: 12/31/2016 10:00:00 PM Stop Time: 2/2/2017 3:55:00 PM
11/10/2017 8:36 User Note: "Pressure & Level adjusted by baro data from: "MPWSP Barotroll_2017-11-09_18-08-51-172.wsl""

Log Data:
Record Count 725

Sensors
2
1 427086 PCTD 30 PSIA (10.9m/35.8ft)
2 0 Baro-Adjustment Calc

Time Zone: Pacific Daylight Time/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: 427086 Corrected Pressure (PSI)	SNR: 427086 Temperature (C)	SNR: 427086 Corrected Depth (ft)	SNR: 427086 Actual Conductivity (µS/cm)	SNR: 427086 Specific Conductivity (µS/cm)	SNR: 427086 Total Dissolved Solids (ppt)	SNR: 427086 Salinity (PSU)	SNR: 427086 Resistivity (ohm-cm)	SNR: 427086 Water Density (g/cm3)	SNR: 000000 Barometric Pressure (PSI)
11/2/2017 0:00	7200	12.992	17.719	29.613	1718.013	1995.53	1.357	1.027	582.068	0.999	14.716
11/2/2017 0:15	8100	12.989	17.719	29.605	1712.571	1989.224	1.353	1.023	583.917	0.999	14.716
11/2/2017 0:30	9000	12.978	17.719	29.581	1717.202	1994.572	1.356	1.026	582.343	0.999	14.726
11/2/2017 0:45	9900	12.998	17.718	29.627	1714.364	1991.318	1.354	1.024	583.307	0.999	14.712
11/2/2017 1:00	10800	12.991	17.718	29.612	1717.533	1994.991	1.357	1.026	582.231	0.999	14.719
11/2/2017 1:15	11700	12.991	17.718	29.611	1714.969	1992.024	1.355	1.025	583.101	0.999	14.719
11/2/2017 1:30	12600	12.988	17.719	29.603	1711.448	1987.912	1.352	1.023	584.3	0.999	14.724
11/2/2017 1:45	13500	12.996	17.719	29.622	1713.692	1990.519	1.354	1.024	583.535	0.999	14.715
11/2/2017 2:00	14400	12.989	17.719	29.605	1715.158	1992.206	1.355	1.025	583.037	0.999	14.722
11/2/2017 2:15	15300	12.991	17.719	29.611	1715.867	1993.053	1.355	1.025	582.796	0.999	14.72
11/2/2017 2:30	16200	12.996	17.719	29.622	1716.422	1993.694	1.356	1.026	582.607	0.999	14.716
11/2/2017 2:45	17100	12.995	17.718	29.619	1719.438	1997.208	1.358	1.028	581.585	0.999	14.718
11/2/2017 3:00	18000	12.989	17.719	29.605	1715.307	1992.394	1.355	1.025	582.986	0.999	14.723
11/2/2017 3:15	18900	12.991	17.718	29.611	1713.988	1990.882	1.354	1.024	583.435	0.999	14.722
11/2/2017 3:30	19800	12.989	17.719	29.605	1716.354	1993.599	1.356	1.026	582.63	0.999	14.724
11/2/2017 3:45	20700	12.993	17.718	29.615	1720.523	1998.476	1.359	1.028	581.219	0.999	14.721
11/2/2017 4:00	21600	12.996	17.719	29.621	1714.935	1991.97	1.355	1.025	583.112	0.999	14.719
11/2/2017 4:15	22500	12.996	17.719	29.622	1716.711	1994.033	1.356	1.026	582.509	0.999	14.718
11/2/2017 4:30	23400	12.993	17.719	29.629	1717.814	1995.303	1.357	1.027	582.135	0.999	14.711
11/2/2017 4:45	24300	12.988	17.719	29.604	1712.917	1989.611	1.353	1.023	583.799	0.999	14.722
11/2/2017 5:00	25200	12.999	17.718	29.629	1718.527	1996.146	1.357	1.027	581.894	0.999	14.714
11/2/2017 5:15	26100	12.994	17.718	29.617	1715.846	1993.044	1.355	1.025	582.803	0.999	14.72
11/2/2017 5:30	27000	12.992	17.718	29.613	1718.221	1995.802	1.357	1.027	581.997	0.999	14.722
11/2/2017 5:45	27800	12.979	17.719	29.618	1722.777	1988.883	1.352	1.023	584.018	0.999	14.721
11/2/2017 6:00	28800	12.999	17.719	29.629	1716.811	1994.145	1.356	1.026	582.475	0.999	14.717
11/2/2017 6:15	29700	12.992	17.719	29.612	1715.369	1992.47	1.355	1.025	582.965	0.999	14.723
11/2/2017 6:30	30600	12.997	17.719	29.625	1715.5	1992.618	1.355	1.025	582.92	0.999	14.72
11/2/2017 6:45	31500	12.991	17.718	29.611	1710.659	1987.007	1.351	1.022	584.57	0.999	14.725
11/2/2017 7:00	32400	12.992	17.718	29.612	1711.588	1988.102	1.352	1.023	584.253	0.999	14.725
11/2/2017 7:15	33300	12.989	17.718	29.605	1718.947	1996.668	1.358	1.027	581.752	0.999	14.729
11/2/2017 7:30	34200	12.987	17.718	29.601	1709.861	1986.084	1.351	1.022	584.843	0.999	14.731
11/2/2017 7:45	35100	12.989	17.719	29.606	1710.355	1986.65	1.351	1.022	584.674	0.999	14.729
11/2/2017 8:00	36000	12.982	17.719	29.591	1711.824	1988.356	1.352	1.023	584.172	0.999	14.737
11/2/2017 8:15	36900	12.985	17.718	29.596	1715.659	1992.819	1.355	1.025	582.866	0.999	14.736
11/2/2017 8:30	37800	12.983	17.719	29.591	1706.935	1982.659	1.348	1.02	585.845	0.999	14.74
11/2/2017 8:45	38700	12.981	17.719	29.588	1706.976	1982.758	1.348	1.02	585.831	0.999	14.742
11/2/2017 9:00	39600	12.977	17.719	29.578	1714.354	1991.269	1.354	1.024	583.31	0.999	14.749
11/2/2017 9:15	40500	12.978	17.719	29.581	1715.842	1993.011	1.355	1.025	582.804	0.999	14.748
11/2/2017 9:30	41400	12.974	17.719	29.572	1714.595	1991.564	1.354	1.025	583.228	0.999	14.748
11/2/2017 9:45	42300	12.98	17.718	29.586	1710.102	1986.375	1.351	1.022	584.761	0.999	14.75
11/2/2017 10:00	43200	12.969	17.719	29.56	1711.696	1988.192	1.352	1.023	584.216	0.999	14.758
11/2/2017 10:15	44100	12.976	17.719	29.577	1711.286	1987.72	1.352	1.022	584.358	0.999	14.755
11/2/2017 10:30	45000	12.974	17.719	29.573	1709.677	1985.862	1.35	1.021	584.906	0.999	14.757
11/2/2017 10:45	45900	12.985	17.719	29.598	1710.436	1986.737	1.351	1.022	584.646	0.999	14.747
11/2/2017 11:00	46800	12.981	17.719	29.588	1710.626	1986.95	1.351	1.022	584.581	0.999	14.747
11/2/2017 11:15	47700	12.992	17.719	29.613	1707.58	1983.419	1.349	1.02	585.624	0.999	14.741
11/2/2017 11:30	48600	12.986	17.718	29.599	1706.3	1981.943	1.348	1.019	586.064	0.999	14.747
11/2/2017 11:45	49500	12.989	17.719	29.606	1706.436	1982.087	1.348	1.019	586.017	0.999	14.745
11/2/2017 12:00	50400	12.987	17.718	29.603	1666.59	1935.819	1.316	0.994	600.028	0.999	14.748
11/2/2017 12:15	51300	12.99	17.721	29.609	1639.229	1903.946	1.295	0.977	610.043	0.999	14.745
11/2/2017 12:30	52200	12.989	17.72	29.606	1623.865	1886.119	1.283	0.968	615.815	0.999	14.745
11/2/2017 12:45	53100	12.992	17.719	29.613	1619.912	1881.56	1.279	0.965	617.318	0.999	14.743
11/2/2017 13:00	54000	12.993	17.72	29.614	1617.175	1878.366	1.277	0.963	618.362	0.999	14.744
11/2/2017 13:15	54900	12.99	17.72	29.607	1578.75	1717.499	1.278	0.964	618.238	0.999	14.745
11/2/2017 13:30	55800	12.993	17.719	29.616	1617.857	1879.17	1.278	0.964	618.102	0.999	14.741
11/2/2017 13:45	56700	12.997	17.719	29.623	1618.081	1879.43	1.278	0.964	618.016	0.999	14.739
11/2/2017 14:00	57600	12.996	17.72	29.622	1618.013	1879.348	1.278	0.964	618.042	0.999	14.738
11/2/2017 14:15	58500	13	17.719	29.632	1617.844	1879.158	1.278	0.964	618.107	0.999	14.734
11/2/2017 14:30	59400	12.996	17.719	29.623	1617.626	1879.631	1.278	0.964	618.19	0.999	14.738
11/2/2017 14:45	60300	13.002	17.72	29.636	1617.382	1878.615	1.277	0.964	618.283	0.999	14.731
11/2/2017 15:00	61200	13	17.719	29.631	1618.263	1879.645	1.278	0.964	617.946	0.999	14.734
11/2/2017 15:15	62100	13.001	17.719	29.633	1617.478	1878.744	1.278	0.964	618.247	0.999	14.733
11/2/2017 15:30	63000	12.994	17.719	29.617	1616.444	1877.536	1.277	0.963	618.642	0.999	14.738

11/2/2017 15:45	63900	13.002	17.719	29.635	1615.552	1876.508	1.276	0.962	618.983	0.999	14.735
11/2/2017 16:00	64800	13.004	17.719	29.639	1615.615	1876.588	1.276	0.963	618.959	0.999	14.729
11/2/2017 16:15	65700	12.997	17.719	29.624	1616.217	1877.283	1.277	0.963	618.729	0.999	14.735
11/2/2017 16:30	66600	12.994	17.719	29.616	1615.614	1876.586	1.276	0.963	618.96	0.999	14.737
11/2/2017 16:45	67500	12.997	17.719	29.625	1615.727	1876.732	1.276	0.963	618.916	0.999	14.735
11/2/2017 17:00	68400	12.989	17.719	29.606	1615.874	1876.892	1.276	0.963	618.86	0.999	14.742
11/2/2017 17:15	69300	12.994	17.719	29.618	1615	1875.877	1.276	0.962	619.195	0.999	14.737
11/2/2017 17:30	70200	12.996	17.719	29.622	1616.78	1877.934	1.277	0.963	618.513	0.999	14.735
11/2/2017 17:45	71100	13.005	17.719	29.641	1617.09	1878.279	1.277	0.963	618.395	0.999	14.732
11/2/2017 18:00	72000	12.991	17.719	29.61	1617.147	1878.374	1.277	0.964	618.373	0.999	14.741
11/2/2017 18:15	72900	13	17.719	29.63	1616.89	1878.079	1.277	0.963	618.471	0.999	14.73
11/2/2017 18:30	73800	12.996	17.719	29.623	1615.817	1876.841	1.276	0.963	618.882	0.999	14.734
11/2/2017 18:45	74700	12.991	17.719	29.611	1617.129	1878.339	1.277	0.963	618.38	0.999	14.738
11/2/2017 19:00	75600	12.987	17.719	29.601	1616.417	1877.519	1.277	0.963	618.652	0.999	14.738
11/2/2017 19:15	76500	12.99	17.719	29.608	1618.598	1880.041	1.278	0.964	617.819	0.999	14.74
11/2/2017 19:30	77400	12.991	17.719	29.61	1618.009	1879.376	1.278	0.964	618.043	0.999	14.74
11/2/2017 19:45	78300	12.991	17.719	29.61	1617.141	1878.375	1.277	0.964	618.375	0.999	14.738
11/2/2017 20:00	79200	12.987	17.719	29.601	1616.678	1877.826	1.277	0.963	618.552	0.999	14.744
11/2/2017 20:15	80100	12.997	17.719	29.624	1616.411	1877.497	1.277	0.963	618.655	0.999	14.734
11/2/2017 20:30	81000	12.99	17.719	29.608	1616.587	1877.72	1.277	0.963	618.587	0.999	14.741
11/2/2017 20:45	81900	12.994	17.719	29.617	1617.122	1878.327	1.277	0.963	618.383	0.999	14.738
11/2/2017 21:00	82800	12.996	17.719	29.622	1618.002	1879.361	1.278	0.964	618.046	0.999	14.736
11/2/2017 21:15	83700	12.989	17.719	29.605	1618.756	1880.229	1.279	0.965	617.758	0.999	14.743
11/2/2017 21:30	84600	12.999	17.719	29.628	1619.218	1880.782	1.279	0.965	617.582	0.999	14.733
11/2/2017 21:45	85500	12.989	17.719	29.607	1619.147	1880.705	1.279	0.965	617.609	0.999	14.746
11/2/2017 22:00	86400	12.986	17.718	29.599	1618.322	1879.753	1.278	0.964	617.924	0.999	14.746
11/2/2017 22:15	87300	12.993	17.719	29.614	1617.544	1878.835	1.278	0.964	618.221	0.999	14.739
11/2/2017 22:30	88200	12.99	17.719	29.609	1618.484	1879.927	1.278	0.964	617.862	0.999	14.742
11/2/2017 22:45	89100	12.988	17.719	29.604	1618.973	1880.491	1.279	0.965	617.676	0.999	14.745
11/2/2017 23:00	90000	12.986	17.719	29.598	1619.487	1881.078	1.279	0.965	617.479	0.999	14.747
11/2/2017 23:15	90900	12.992	17.719	29.613	1620.063	1881.75	1.28	0.965	617.26	0.999	14.741
11/2/2017 23:30	91800	12.984	17.719	29.594	1619.571	1881.182	1.279	0.965	617.448	0.999	14.744
11/2/2017 23:45	92700	12.983	17.719	29.592	1620.325	1882.052	1.28	0.965	617.16	0.999	14.749
11/3/2017 0:00	93600	12.989	17.719	29.606	1619.825	1881.485	1.279	0.965	617.35	0.999	14.745
11/3/2017 0:15	94500	12.983	17.719	29.592	1617.886	1879.229	1.278	0.964	618.09	0.999	14.75
11/3/2017 0:30	95400	12.984	17.719	29.595	1617.977	1879.331	1.278	0.964	618.056	0.999	14.746
11/3/2017 0:45	96300	12.99	17.719	29.608	1616.532	1877.615	1.277	0.963	618.608	0.999	14.748
11/3/2017 1:00	97200	12.992	17.719	29.613	1617.586	1878.874	1.278	0.964	618.205	0.999	14.744
11/3/2017 1:15	98100	12.989	17.719	29.606	1618.06	1879.432	1.278	0.964	618.024	0.999	14.746
11/3/2017 1:30	99000	12.996	17.719	29.623	1618.01	1879.388	1.278	0.964	618.043	0.999	14.739
11/3/2017 1:45	99900	12.987	17.719	29.602	1616.152	1877.221	1.277	0.963	618.754	0.999	14.743
11/3/2017 2:00	100800	12.987	17.719	29.602	1617.442	1878.698	1.278	0.964	618.26	0.999	14.749
11/3/2017 2:15	101700	12.988	17.719	29.604	1618.93	1878.104	1.277	0.963	618.456	0.999	14.748
11/3/2017 2:30	102600	12.99	17.719	29.608	1617.222	1878.464	1.277	0.964	618.344	0.999	14.746
11/3/2017 2:45	103500	12.985	17.719	29.596	1618.367	1879.791	1.278	0.964	617.907	0.999	14.751
11/3/2017 3:00	104400	12.996	17.719	29.623	1616.985	1878.168	1.277	0.963	618.435	0.999	14.74
11/3/2017 3:15	105300	12.991	17.719	29.61	1618.292	1879.711	1.278	0.964	617.936	0.999	14.745
11/3/2017 3:30	106200	12.996	17.719	29.623	1617.92	1879.261	1.278	0.964	618.078	0.999	14.741
11/3/2017 3:45	107100	12.993	17.719	29.615	1617.945	1879.315	1.278	0.964	618.068	0.999	14.742
11/3/2017 4:00	108000	13.005	17.719	29.643	1618.675	1880.148	1.279	0.964	617.789	0.999	14.732
11/3/2017 4:15	108900	13	17.719	29.63	1619.039	1880.564	1.279	0.965	617.65	0.999	14.736
11/3/2017 4:30	109800	12.99	17.719	29.608	1619.018	1880.534	1.279	0.965	617.658	0.999	14.746
11/3/2017 4:45	110700	12.991	17.719	29.61	1617.227	1878.449	1.277	0.964	618.342	0.999	14.744
11/3/2017 5:00	111600	12.989	17.719	29.606	1616.444	1877.544	1.277	0.963	618.642	0.999	14.746
11/3/2017 5:15	112500	12.99	17.719	29.608	1614.921	1875.786	1.276	0.962	619.225	0.999	14.745
11/3/2017 5:30	113400	12.982	17.719	29.591	1616.097	1877.165	1.276	0.963	618.775	0.999	14.752
11/3/2017 5:45	114300	12.984	17.719	29.596	1616.57	1877.697	1.277	0.963	618.594	0.999	14.75
11/3/2017 6:00	115200	12.993	17.719	29.614	1616.962	1878.171	1.277	0.963	618.444	0.999	14.744
11/3/2017 6:15	116100	12.988	17.719	29.604	1617.569	1878.849	1.278	0.964	618.212	0.999	14.748
11/3/2017 6:30	117000	12.996	17.719	29.621	1615.922	1876.941	1.276	0.963	618.842	0.999	14.739
11/3/2017 6:45	117900	12.998	17.719	29.626	1617.126	1878.361	1.277	0.963	618.381	0.999	14.738
11/3/2017 7:00	118800	12.989	17.719	29.605	1617.755	1876.757	1.276	0.963	618.906	0.999	14.746
11/3/2017 7:15	119700	12.997	17.719	29.623	1615.909	1876.932	1.276	0.963	618.847	0.999	14.74
11/3/2017 7:30	120600	12.991	17.719	29.611	1615.054	1875.936	1.276	0.962	619.174	0.999	14.745
11/3/2017 7:45	121500	12.988	17.718	29.603	1616.558	1877.712	1.277	0.963	618.598	0.999	14.748
11/3/2017 8:00	122400	12.989	17.719	29.606	1615.092	1875.998	1.276	0.962	619.16	0.999	14.746
11/3/2017 8:15	123300	12.988	17.718	29.603	1614.032	1874.77	1.275	0.962	619.567	0.999	14.749
11/3/2017 8:30	124200	12.99	17.719	29.609	1614.071	1874.809	1.275	0.962	619.551	0.999	14.745
11/3/2017 8:45	125100	12.993	17.719	29.603	1613.969	1874.682	1.275	0.962	619.591	0.999	14.75
11/3/2017 9:00	126000	12.981	17.719	29.588	1613.807	1874.48	1.275	0.961	619.653	0.999	14.757
11/3/2017 9:15	126900	12.982	17.719	29.589	1614.314	1875.077	1.275	0.962	619.458	0.999	14.758
11/3/2017 9:30	127800	12.975	17.719	29.573	1613.801	1874.459	1.275	0.961	619.655	0.999	14.763
11/3/2017 9:45	128700	12.977	17.719	29.579	1610.835	1871.05	1.272	0.96	620.796	0.999	14.763
11/3/2017 10:00	129600	12.976	17.719	29.577	1612.427	1872.03	1.273	0.96	620.336	0.999	14.765
11/3/2017 10:15	130500	12.98	17.719	29.586	1612.839	1873.36	1.274	0.961	620.025	0.999	14.757
11/3/2017 10:30	131400	12.99	17.719	29.608	1612.091	1872.491	1.273	0.96	620.312	0.999	14.753
11/3/2017 10:45	132300	12.98	17.719	29.585	1610.366	1870.494	1.272	0.959	620.977	0.999	14.762
11/3/2017 11:00	133200	12.983	17.718	29.593	1610.313	1870.461	1.272	0.959	620.997	0.999	14.761
11/3/2017 11:15	134100	12.984	17.719	29.594	1610.748	1870.945	1.272	0.96	620.829	0.999	14.761
11/3/2017 11:30	135000	12.98	17.719	29.586	1610.568	1870.719	1.272	0.959	620.899	0.999	14.765
11/3/2017 11:45	135900	12.984	17.719	29.595	1611.142	1871.392	1.273	0.96	620.678	0.999	14.761
11/3/2017 12:00	136800	12.991	17.719	29.611	1612.49	1872.954	1.274	0.961	620.159	0.999	14.754
11/3/2017 12:15	137700	12.994	17.719	29.618	1612.686	1873.193	1.274	0.961	620.083	0.999	14.752
11/3/2017 12:30	138600	12.991	17.719	29.61	1612.861	1873.375	1.274	0.961	620.016	0.999	14.754
11/3/2017 12:45	139500	13.001	17.719	29.633	1611.955	1872.333	1.273	0.96	620.365	0.999	14.745
11/3/2017 13:0											

11/4/2017 20:30	253800	12.968	17.719	29.558	1600.358	1858.855	1.264	0.953	624.86	0.999	14.765
11/4/2017 20:45	254700	12.977	17.719	29.578	1600.004	1858.44	1.264	0.953	624.999	0.999	14.756
11/4/2017 21:00	255600	12.979	17.719	29.582	1600.13	1858.62	1.264	0.953	624.949	0.999	14.756
11/4/2017 21:15	256500	12.975	17.719	29.574	1601.286	1859.951	1.265	0.954	624.498	0.999	14.76
11/4/2017 21:30	257400	12.968	17.719	29.559	1601.878	1860.642	1.265	0.954	624.267	0.999	14.767
11/4/2017 21:45	258300	12.972	17.719	29.568	1602.588	1861.467	1.266	0.954	623.991	0.999	14.765
11/4/2017 22:00	259200	12.981	17.719	29.587	1603.065	1862.003	1.266	0.955	623.85	0.999	14.759
11/4/2017 22:15	260100	12.961	17.719	29.542	1603.54	1862.554	1.267	0.955	623.62	0.999	14.777
11/4/2017 22:30	261000	12.967	17.719	29.556	1604.087	1863.194	1.267	0.955	623.407	0.999	14.776
11/4/2017 22:45	261900	12.967	17.719	29.556	1603.897	1862.976	1.267	0.955	623.482	0.999	14.779
11/4/2017 23:00	262800	12.965	17.719	29.55	1603.523	1862.549	1.267	0.955	623.627	0.999	14.777
11/4/2017 23:15	263700	12.977	17.719	29.58	1603.299	1862.286	1.266	0.955	623.714	0.999	14.775
11/4/2017 23:30	264600	12.978	17.719	29.58	1604.218	1863.35	1.267	0.955	623.372	0.999	14.772
11/4/2017 23:45	265500	12.97	17.719	29.564	1603.916	1863.01	1.267	0.955	623.474	0.999	14.776
11/5/2017 0:00	266400	12.978	17.719	29.58	1604.264	1863.41	1.267	0.955	623.339	0.999	14.774
11/5/2017 0:15	267300	12.975	17.719	29.574	1605.169	1864.472	1.268	0.956	622.987	0.999	14.779
11/5/2017 0:30	268200	12.967	17.719	29.556	1605.744	1865.125	1.268	0.956	622.764	0.999	14.783
11/5/2017 0:45	269100	12.974	17.719	29.571	1607.394	1867.049	1.27	0.957	622.125	0.999	14.781
11/5/2017 1:00	270000	12.975	17.719	29.57	1606.23	1865.697	1.269	0.957	622.576	0.999	14.782
11/5/2017 1:15	270900	12.976	17.719	29.576	1604.875	1864.116	1.268	0.956	623.102	0.999	14.782
11/5/2017 1:30	271800	12.976	17.719	29.577	1606.247	1865.717	1.269	0.957	622.569	0.999	14.782
11/5/2017 1:45	272700	12.976	17.719	29.576	1606.667	1866.19	1.269	0.957	622.407	0.999	14.782
11/5/2017 2:00	273600	12.982	17.718	29.589	1606.835	1866.422	1.269	0.957	622.341	0.999	14.778
11/5/2017 2:15	274500	12.975	17.718	29.575	1608.612	1868.474	1.271	0.958	621.654	0.999	14.786
11/5/2017 2:30	275400	12.979	17.719	29.583	1606.722	1866.265	1.269	0.957	622.385	0.999	14.783
11/5/2017 2:45	276300	12.98	17.719	29.586	1608.781	1868.668	1.271	0.958	621.589	0.999	14.783
11/5/2017 2:00	277200	12.982	17.719	29.59	1608.815	1868.704	1.271	0.958	621.575	0.999	14.781
11/5/2017 2:15	278100	12.975	17.719	29.574	1608.663	1868.501	1.271	0.958	621.634	0.999	14.789
11/5/2017 2:30	279000	12.984	17.719	29.594	1608.703	1868.563	1.271	0.958	621.619	0.999	14.782
11/5/2017 2:45	279900	12.985	17.719	29.597	1608.125	1867.902	1.27	0.958	621.842	0.999	14.78
11/5/2017 3:00	280800	12.974	17.718	29.572	1608.934	1868.856	1.271	0.958	621.53	0.999	14.779
11/5/2017 3:15	281700	12.985	17.719	29.597	1610.031	1870.12	1.272	0.959	621.106	0.999	14.781
11/5/2017 3:30	282600	12.98	17.718	29.586	1610.309	1870.446	1.272	0.959	620.999	0.999	14.786
11/5/2017 3:45	283500	12.983	17.718	29.593	1609.476	1869.489	1.271	0.959	621.32	0.999	14.784
11/5/2017 4:00	284400	12.986	17.718	29.598	1609.14	1869.095	1.271	0.959	621.45	0.999	14.782
11/5/2017 4:15	285300	12.984	17.719	29.595	1608.224	1868.021	1.27	0.958	621.804	0.999	14.784
11/5/2017 4:30	286200	12.98	17.719	29.586	1609.535	1869.543	1.271	0.959	621.298	0.999	14.788
11/5/2017 4:45	287100	12.98	17.719	29.586	1609.264	1869.225	1.271	0.959	621.402	0.999	14.789
11/5/2017 5:00	288000	12.978	17.718	29.58	1609.195	1869.155	1.271	0.959	621.429	0.999	14.792
11/5/2017 5:15	288900	12.976	17.718	29.575	1608.35	1868.171	1.27	0.958	621.755	0.999	14.794
11/5/2017 5:30	289800	12.98	17.719	29.585	1606.864	1866.427	1.269	0.957	622.33	0.999	14.79
11/5/2017 5:45	290700	12.979	17.719	29.582	1606.184	1865.647	1.269	0.957	622.594	0.999	14.792
11/5/2017 6:00	291600	12.98	17.719	29.589	1605.937	1865.374	1.269	0.957	622.69	0.999	14.791
11/5/2017 6:15	292500	12.976	17.719	29.577	1605.423	1864.759	1.268	0.956	622.889	0.999	14.795
11/5/2017 6:30	293400	12.98	17.719	29.586	1607.698	1867.398	1.27	0.958	622.007	0.999	14.793
11/5/2017 6:45	294300	12.974	17.719	29.573	1607.113	1866.727	1.269	0.957	622.234	0.999	14.8
11/5/2017 7:00	295200	12.973	17.719	29.569	1606.208	1865.679	1.269	0.957	622.584	0.999	14.801
11/5/2017 7:15	296100	12.966	17.718	29.554	1607.11	1866.734	1.269	0.957	622.235	0.999	14.809
11/5/2017 7:30	297000	12.974	17.719	29.572	1605.499	1865.047	1.269	0.957	622.647	0.999	14.803
11/5/2017 7:45	297900	12.977	17.719	29.578	1605.013	1864.288	1.268	0.956	623.048	0.999	14.801
11/5/2017 8:00	298800	12.966	17.719	29.554	1605.251	1864.567	1.268	0.956	622.956	0.999	14.813
11/5/2017 8:15	299700	12.971	17.718	29.566	1604.314	1863.483	1.267	0.955	623.319	0.999	14.808
11/5/2017 8:30	300600	12.972	17.718	29.566	1603.688	1862.766	1.267	0.955	623.563	0.999	14.809
11/5/2017 8:45	301500	12.966	17.719	29.554	1603.957	1863.06	1.267	0.955	623.458	0.999	14.815
11/5/2017 9:00	302400	12.972	17.719	29.566	1603.123	1862.085	1.266	0.955	623.782	0.999	14.812
11/5/2017 9:15	303300	12.97	17.719	29.562	1602.35	1861.187	1.266	0.954	624.083	0.999	14.811
11/5/2017 9:30	304200	12.97	17.719	29.563	1602.129	1860.931	1.265	0.954	624.169	0.999	14.816
11/5/2017 9:45	305100	12.969	17.719	29.559	1600.548	1859.087	1.264	0.953	624.786	0.999	14.818
11/5/2017 10:00	306000	12.972	17.719	29.568	1601.016	1859.63	1.265	0.953	624.603	0.999	14.816
11/5/2017 10:15	306900	12.974	17.719	29.572	1601.986	1860.771	1.265	0.954	624.225	0.999	14.814
11/5/2017 10:30	307800	12.976	17.719	29.577	1602.283	1861.088	1.266	0.954	624.109	0.999	14.814
11/5/2017 10:45	308700	12.977	17.719	29.577	1600.478	1859.079	1.264	0.953	624.813	0.999	14.813
11/5/2017 11:00	309600	12.978	17.719	29.581	1600.752	1859.331	1.264	0.953	624.706	0.999	14.813
11/5/2017 11:15	310500	12.978	17.719	29.58	1600.254	1858.749	1.264	0.953	624.901	0.999	14.812
11/5/2017 11:30	311400	12.986	17.719	29.598	1599.474	1857.829	1.263	0.952	625.205	0.999	14.805
11/5/2017 11:45	312300	12.988	17.719	29.605	1599.219	1857.536	1.263	0.952	625.305	0.999	14.802
11/5/2017 12:00	313200	12.983	17.719	29.591	1599.574	1857.966	1.263	0.953	625.167	0.999	14.803
11/5/2017 12:15	314100	12.99	17.719	29.609	1598.489	1856.499	1.264	0.953	625.014	0.999	14.799
11/5/2017 12:30	315000	12.995	17.719	29.619	1599.525	1857.899	1.263	0.952	625.186	0.999	14.794
11/5/2017 12:45	315900	12.996	17.719	29.621	1599.071	1857.367	1.263	0.952	625.363	0.999	14.793
11/5/2017 13:00	316800	13.002	17.719	29.635	1598.053	1856.199	1.262	0.952	625.761	0.999	14.786
11/5/2017 13:15	317700	13	17.719	29.631	1598.663	1856.905	1.263	0.952	625.523	0.999	14.786
11/5/2017 13:30	318600	13.004	17.719	29.641	1600.351	1858.854	1.264	0.953	624.863	0.999	14.778
11/5/2017 13:45	319500	12.996	17.719	29.621	1600.991	1859.263	1.264	0.953	624.73	0.999	14.783
11/5/2017 14:00	320400	13	17.719	29.632	1601.392	1860.086	1.265	0.954	624.457	0.999	14.781
11/5/2017 14:15	321300	13.001	17.718	29.633	1602.224	1861.058	1.266	0.954	624.133	0.999	14.78
11/5/2017 14:30	322200	13.001	17.719	29.633	1600.674	1859.226	1.264	0.953	624.737	0.999	14.778
11/5/2017 14:45	323100	12.999	17.719	29.628	1600.314	1858.822	1.264	0.953	624.877	0.999	14.778
11/5/2017 15:00	324000	12.996	17.719	29.621	1599.537	1857.923	1.263	0.952	625.181	0.999	14.781
11/5/2017 15:15	324900	13	17.719	29.631	1598.207	1856.207	1.263	0.952	625.59	0.999	14.777
11/5/2017 15:30	325800	13	17.719	29.632	1600.127	1858.615	1.264	0.953	624.951	0.999	14.775
11/5/2017 15:45	326700	12.994	17.719	29.617	1600.285	1858.8	1.264	0.953	624.889	0.999	14.78
11/5/2017 16:00	327600	12.998	17.719	29.626	1600.479	1859.02	1.264	0.953	624.813	0.999	14.777
11/5/2017 16:15	328500	12.995	17.719	29.62	1598.786	1857.054	1.263	0.952	625.475	0.999	14.776
11/5/2017 16:30	329400	12.995	17.718	29.62	1600.053	1858.533	1.264	0.953	624.979	0.999</	

11/7/2017 0:15	443700	12.984	17.718	29.594	1614.074	1874.827	1.275	0.962	619.55	0.999	14.79
11/7/2017 0:30	444600	12.976	17.718	29.575	1614.456	1875.288	1.275	0.962	619.404	0.999	14.799
11/7/2017 0:45	445500	12.979	17.718	29.583	1614.084	1874.861	1.275	0.962	619.546	0.999	14.795
11/7/2017 1:00	446400	12.975	17.718	29.575	1614.528	1875.369	1.275	0.962	619.376	0.999	14.8
11/7/2017 1:15	447300	12.985	17.718	29.597	1612.553	1873.082	1.274	0.961	620.134	0.999	14.792
11/7/2017 1:30	448200	12.981	17.717	29.587	1615.845	1876.917	1.276	0.963	618.971	0.999	14.795
11/7/2017 1:45	449100	12.984	17.718	29.593	1614.074	1874.826	1.275	0.962	619.55	0.999	14.792
11/7/2017 2:00	450000	12.986	17.718	29.6	1615.249	1876.21	1.276	0.962	619.099	0.999	14.79
11/7/2017 2:15	450900	12.985	17.718	29.598	1615.734	1876.769	1.276	0.963	618.914	0.999	14.789
11/7/2017 2:30	451800	12.998	17.718	29.628	1611.99	1872.409	1.273	0.96	620.351	0.999	14.777
11/7/2017 2:45	452700	12.992	17.718	29.612	1613.311	1873.966	1.274	0.961	619.843	0.999	14.782
11/7/2017 3:00	453600	12.995	17.718	29.62	1618.132	1879.791	1.278	0.964	617.92	0.999	14.778
11/7/2017 3:15	454500	12.994	17.718	29.617	1614.536	1875.363	1.275	0.962	619.373	0.999	14.779
11/7/2017 3:30	455400	12.99	17.718	29.609	1612.261	1872.735	1.273	0.96	620.247	0.999	14.781
11/7/2017 3:45	456300	12.992	17.718	29.613	1614.308	1875.105	1.275	0.962	619.461	0.999	14.779
11/7/2017 4:00	457200	12.988	17.718	29.603	1613.875	1874.617	1.275	0.961	619.627	0.999	14.783
11/7/2017 4:15	458100	12.993	17.718	29.615	1611.824	1872.235	1.273	0.96	620.415	0.999	14.777
11/7/2017 4:30	459000	12.986	17.718	29.599	1611.294	1871.612	1.273	0.96	620.619	0.999	14.783
11/7/2017 4:45	459900	12.987	17.718	29.621	1610.772	1870.988	1.272	0.96	620.82	0.999	14.781
11/7/2017 5:00	460800	12.989	17.718	29.606	1611.707	1872.095	1.273	0.96	620.46	0.999	14.78
11/7/2017 5:15	461700	12.981	17.718	29.588	1609.526	1869.563	1.271	0.959	621.301	0.999	14.789
11/7/2017 5:30	462600	12.981	17.718	29.589	1609.671	1869.712	1.271	0.959	621.245	0.999	14.788
11/7/2017 5:45	463500	12.974	17.718	29.572	1609.904	1869.986	1.272	0.959	621.155	0.999	14.795
11/7/2017 6:00	464400	12.983	17.718	29.592	1608.742	1868.637	1.271	0.958	621.604	0.999	14.787
11/7/2017 6:15	465300	12.98	17.718	29.586	1606.381	1865.92	1.269	0.957	622.517	0.999	14.791
11/7/2017 6:30	466200	12.976	17.718	29.577	1609.359	1869.357	1.271	0.959	621.366	0.999	14.794
11/7/2017 6:45	467100	12.98	17.718	29.586	1609.971	1870.057	1.272	0.959	621.129	0.999	14.791
11/7/2017 7:00	468000	12.982	17.718	29.59	1609.474	1869.49	1.271	0.959	621.321	0.999	14.79
11/7/2017 7:15	468900	12.979	17.718	29.584	1612.129	1872.582	1.273	0.96	620.298	0.999	14.791
11/7/2017 7:30	469800	12.98	17.718	29.587	1609.72	1869.776	1.271	0.959	621.226	0.999	14.79
11/7/2017 7:45	470700	12.98	17.718	29.585	1608.978	1868.914	1.271	0.958	621.513	0.999	14.792
11/7/2017 8:00	471600	12.981	17.718	29.587	1607.444	1867.147	1.27	0.957	622.106	0.999	14.792
11/7/2017 8:15	472500	12.977	17.718	29.579	1608.962	1868.907	1.271	0.958	621.519	0.999	14.791
11/7/2017 8:30	473400	12.973	17.718	29.57	1610.609	1870.808	1.272	0.959	620.883	0.999	14.801
11/7/2017 8:45	474300	12.973	17.718	29.57	1606.141	1865.626	1.269	0.957	622.611	0.999	14.801
11/7/2017 9:00	475200	12.98	17.718	29.585	1608.407	1868.262	1.27	0.958	621.733	0.999	14.796
11/7/2017 9:15	476100	12.979	17.718	29.583	1605.948	1865.409	1.268	0.957	622.685	0.999	14.796
11/7/2017 9:30	477000	12.985	17.718	29.596	1606.893	1866.492	1.269	0.957	622.319	0.999	14.79
11/7/2017 9:45	477900	12.987	17.718	29.602	1605.719	1865.136	1.268	0.956	622.774	0.999	14.788
11/7/2017 10:00	478800	12.998	17.718	29.627	1603.844	1862.965	1.267	0.955	623.502	0.999	14.778
11/7/2017 10:15	479700	12.993	17.718	29.615	1602.39	1861.266	1.266	0.954	624.068	0.999	14.784
11/7/2017 10:30	480600	12.987	17.718	29.602	1600.923	1859.555	1.264	0.953	624.64	0.999	14.787
11/7/2017 10:45	481500	12.991	17.718	29.611	1603.981	1859.988	1.265	0.954	624.488	0.999	14.782
11/7/2017 11:00	482400	12.991	17.718	29.611	1598.897	1857.209	1.263	0.952	625.431	0.999	14.782
11/7/2017 11:15	483300	12.989	17.718	29.605	1598.639	1856.909	1.263	0.952	625.532	0.999	14.784
11/7/2017 11:30	484200	13.003	17.718	29.638	1596.549	1854.478	1.261	0.951	626.351	0.999	14.769
11/7/2017 11:45	485100	12.994	17.718	29.617	1594.969	1852.657	1.26	0.95	626.971	0.999	14.777
11/7/2017 12:00	486000	12.986	17.718	29.599	1592.059	1849.247	1.257	0.948	628.118	0.999	14.78
11/7/2017 12:15	486900	13	17.718	29.632	1593.181	1850.558	1.258	0.949	627.675	0.999	14.793
11/7/2017 12:30	487800	12.995	17.718	29.619	1593.886	1851.387	1.259	0.949	627.398	0.999	14.773
11/7/2017 12:45	488700	12.995	17.719	29.618	1593.135	1850.491	1.258	0.948	627.693	0.999	14.771
11/7/2017 13:00	489600	12.999	17.718	29.628	1594.558	1852.165	1.259	0.949	627.133	0.999	14.766
11/7/2017 13:15	490500	13.002	17.718	29.635	1593.279	1850.69	1.258	0.949	627.637	0.999	14.762
11/7/2017 13:30	491400	12.998	17.718	29.626	1593.619	1851.067	1.259	0.949	627.503	0.999	14.764
11/7/2017 13:45	492300	12.999	17.718	29.628	1595.819	1853.634	1.26	0.95	626.637	0.999	14.763
11/7/2017 14:00	493200	12.996	17.718	29.621	1593.403	1850.835	1.259	0.949	627.587	0.999	14.764
11/7/2017 14:15	494100	12.999	17.718	29.63	1594.359	1851.952	1.259	0.949	627.211	0.999	14.76
11/7/2017 14:30	495000	12.995	17.718	29.619	1595.253	1852.986	1.26	0.95	626.86	0.999	14.764
11/7/2017 14:45	495900	12.991	17.718	29.61	1597.165	1855.197	1.262	0.951	626.109	0.999	14.766
11/7/2017 15:00	496800	12.999	17.718	29.628	1595.661	1853.461	1.26	0.95	626.699	0.999	14.758
11/7/2017 15:15	497700	12.999	17.718	29.629	1596.447	1854.595	1.261	0.951	626.313	0.999	14.756
11/7/2017 15:30	498600	12.998	17.718	29.627	1597.039	1855.057	1.261	0.951	626.159	0.999	14.756
11/7/2017 15:45	499500	13	17.718	29.632	1598.023	1856.193	1.262	0.952	625.773	0.999	14.754
11/7/2017 16:00	500400	13.001	17.718	29.634	1594.403	1851.988	1.259	0.949	627.194	0.999	14.751
11/7/2017 16:15	501300	12.994	17.718	29.617	1595.396	1853.142	1.26	0.95	626.804	0.999	14.758
11/7/2017 16:30	502200	12.996	17.718	29.623	1596.305	1854.187	1.261	0.95	626.447	0.999	14.754
11/7/2017 16:45	503100	12.996	17.718	29.622	1596.057	1853.928	1.261	0.95	626.544	0.999	14.754
11/7/2017 17:00	504000	12.997	17.718	29.624	1598.939	1857.264	1.263	0.952	625.415	0.999	14.752
11/7/2017 17:15	504900	13	17.718	29.631	1597.989	1856.161	1.262	0.952	625.787	0.999	14.749
11/7/2017 17:30	505800	12.988	17.718	29.603	1599.4	1857.797	1.263	0.952	625.234	0.999	14.759
11/7/2017 17:45	506700	12.992	17.718	29.612	1598.264	1856.492	1.262	0.952	625.679	0.999	14.756
11/7/2017 18:00	507600	12.992	17.718	29.612	1599.816	1858.269	1.264	0.953	625.072	0.999	14.755
11/7/2017 18:15	508500	12.987	17.718	29.601	1600.31	1858.864	1.264	0.953	624.879	0.999	14.761
11/7/2017 18:30	509400	12.983	17.718	29.592	1599.587	1858.022	1.263	0.953	625.161	0.999	14.764
11/7/2017 18:45	510300	12.982	17.718	29.591	1602.044	1860.871	1.265	0.954	624.203	0.999	14.765
11/7/2017 19:00	511200	12.985	17.718	29.598	1604.28	1863.468	1.267	0.955	623.333	0.999	14.758
11/7/2017 19:15	512100	12.989	17.717	29.605	1603.129	1862.15	1.266	0.955	623.78	0.999	14.758
11/7/2017 19:30	513000	12.982	17.718	29.591	1602.601	1861.518	1.266	0.954	623.986	0.999	14.764
11/7/2017 19:45	513900	12.987	17.717	29.602	1604.397	1863.622	1.267	0.956	623.287	0.999	14.754
11/7/2017 20:00	514800	12.982	17.718	29.59	1603.767	1862.787	1.267	0.955	623.356	0.999	14.757
11/7/2017 20:15	515700	12.988	17.718	29.604	1604.606	1863.847	1.267	0.956	623.206	0.999	14.758
11/7/2017 20:30	516600	12.987	17.718	29.601	1605.058	1864.369	1.268	0.956	623.03	0.999	14.759
11/7/2017 20:45	517500	12.985	17.718	29.596	1607.157	1866.818	1.269	0.957	622.217	0.999	14.763
11/7/2017 21:00	518400	12.982	17.718	29.589	1605.529	1864.93	1.268	0.956	622.848	0.999	14.766
11/7/2017 21:15	519300	12.98	17.718	29.586	1608.702	1868.616	1.271	0.958	621.619	0.99	

Report Date: 11/10/2017 8:42
Report User Name: WMassoll
Report Computer Name: WKST52
Application: WinSitu.exe
Application Version: 5.6.27.1

Log File Properties
File Name MPWSP MW-8D LT Test_2017-11-09_13-42-41-319-BaroMerge.wsl
Create Date 11/10/2017 8:36

Device Properties
Device Aqua TROLL 200
Site MPWSP MW-8D
Device Name
Serial Number 469355
Firmware Version 2.01
Hardware Version 4
Device Address 1
Device Comm Cfg 19200 8 Even 1 (Modbus-RTU)
Used Memory 20
Used Battery 11

Log Configuration
Log Name MPWSP MW-8D LT Test
Created By 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 Specific Gravity Depth 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: 6/29/2017 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
11/10/2017 8:36 User Note: "Pressure & Level adjusted by baro data from: "MPWSP Barotroll_2017-11-09_18-08-51-172.wsl""

Log Data:
Record Count 739

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

Time Zone: Pacific Daylight Time/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: 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)								
11/2/2017 0:00	7200	131.616	20.406	299.992	11658.094	12779.437	7.426	8.69	85.777	1.004	14.716								
11/2/2017 0:15	8100	131.576	20.405	299.903	11659.351	12781.069	7.427	8.691	85.768	1.004	14.716								
11/2/2017 0:30	9000	131.571	20.409	299.892	11667.808	12789.384	7.432	8.697	85.706	1.004	14.726								
11/2/2017 0:45	9900	131.583	20.399	299.917	11657.084	12780.171	7.426	8.691	85.785	1.004	14.712								
11/2/2017 1:00	10800	131.576	20.401	299.901	11656.483	12779.022	7.426	8.69	85.789	1.004	14.719								
11/2/2017 1:15	11700	131.576	20.399	299.902	11653.909	12777.227	7.425	8.689	85.815	1.004	14.719								
11/2/2017 1:30	12600	131.568	20.392	299.884	11662.098	12787.604	7.431	8.696	85.748	1.004	14.724								
11/2/2017 1:45	13500	131.601	20.398	299.959	11662.619	12786.472	7.43	8.695	85.744	1.004	14.715								
11/2/2017 2:00	14400	131.535	20.411	299.81	11656.253	12776.204	7.424	8.688	85.791	1.004	14.722								
11/2/2017 2:15	15300	131.545	20.415	299.831	11658.037	12776.973	7.425	8.688	85.778	1.004	14.72								
11/2/2017 2:30	16200	131.584	20.415	299.92	11655.267	12774.01	7.423	8.686	85.798	1.004	14.716								
11/2/2017 2:45	17100	131.544	20.400	299.828	11660.263	12780.812	7.427	8.691	85.761	1.004	14.718								
11/2/2017 3:00	18000	131.564	20.406	299.876	11664.026	12785.962	7.43	8.694	85.734	1.004	14.723								
11/2/2017 3:15	18900	131.526	20.413	299.789	11658.915	12778.422	7.425	8.689	85.771	1.004	14.722								
11/2/2017 3:30	19800	131.555	20.404	299.855	11656.257	12777.841	7.425	8.689	85.791	1.004	14.724								
11/2/2017 3:45	20700	131.516	20.406	299.767	11659.393	12780.977	7.427	8.691	85.768	1.004	14.721								
11/2/2017 4:00	21600	131.513	20.406	299.758	11658.189	12779.47	7.426	8.69	85.777	1.004	14.719								
11/2/2017 4:15	22500	131.513	20.401	299.76	11652.252	12774.339	7.423	8.687	85.82	1.004	14.718								
11/2/2017 4:30	23400	131.55	20.404	299.843	11653.166	12774.567	7.423	8.687	85.814	1.004	14.711								
11/2/2017 4:45	24300	131.502	20.406	299.734	11656.638	12777.932	7.425	8.689	85.788	1.004	14.722								
11/2/2017 5:00	25200	131.509	20.396	299.749	11663.205	12787.744	7.431	8.696	85.74	1.004	14.714								
11/2/2017 5:15	26100	131.503	20.401	299.736	11651.264	12773.394	7.422	8.686	85.828	1.004	14.72								
11/2/2017 5:30	27000	131.529	20.412	299.795	11663.811	12784.141	7.429	8.693	85.735	1.004	14.722								
11/2/2017 5:45	27900	131.531	20.412	299.801	11646.888	12765.236	7.417	8.68	85.861	1.004	14.721								
11/2/2017 6:00	28800	131.508	20.401	299.748	11648.158	12769.918	7.42	8.684	85.85	1.004	14.717								
11/2/2017 6:15	29700	131.542	20.404	299.824	11646.024	12766.647	7.418	8.681	85.866	1.004	14.723								
11/2/2017 6:30	30600	131.545	20.414	299.833	11660.67	12780.16	7.427	8.691	85.758	1.004	14.72								
11/2/2017 6:45	31500	131.508	20.41	299.746	11653.664	12773.624	7.422	8.686	85.81	1.004	14.725								
11/2/2017 7:00	32400	131.518	20.403	299.771	11642.437	12763.087	7.416	8.679	85.893	1.004	14.725								
11/2/2017 7:15	33300	131.546	20.425	299.834	11649.799	12765.291	7.417	8.68	85.838	1.004	14.729								
11/2/2017 7:30	34200	131.559	20.397	299.865	11654.088	12777.421	7.425	8.689	85.807	1.004	14.731								
11/2/2017 7:45	35100	131.57	20.403	299.888	11650.682	12772.219	7.422	8.685	85.832	1.004	14.729								
11/2/2017 8:00	36000	131.527	20.414	299.792	11653.093	12771.693	7.421	8.685	85.814	1.004	14.737								
11/2/2017 8:15	36900	131.558	20.402	299.861	11640.388	12761.098	7.415	8.678	85.908	1.004	14.736								
11/2/2017 8:30	37800	131.59	20.412	299.933	11650.934	12769.954	7.42	8.684	85.83	1.004	14.74								
11/2/2017 8:45	38700	131.57	20.403	299.888	11647.256	12768.275	7.419	8.682	85.857	1.004	14.742								
11/2/2017 9:00	39600	131.578	20.407	299.907	11650.247	12770.601	7.421	8.684	85.835	1.004	14.749								
11/2/2017 9:15	40500	131.615	20.415	299.991	11658.491	12777.447	7.425	8.689	85.774	1.004	14.748								
11/2/2017 9:30	41400	131.627	20.418	300.02	11653.986	12771.788	7.421	8.685	85.808	1.004	14.748								
11/2/2017 9:45	42300	131.637	20.412	300.042	11641.586	12759.804	7.414	8.677	85.899	1.004	14.75								
11/2/2017 10:00	43200	131.628	20.415	300.021	11646.313	12764.242	7.417	8.68	85.864	1.004	14.758								
11/2/2017 10:15	44100	131.609	20.407	299.978	11652.083	12772.475	7.422	8.685	85.822	1.004	14.755								
11/2/2017 10:30	45000	131.612	20.409	299.983	11648.563	12770.386	7.42	8.684	85.848	1.004	14.757								
11/2/2017 10:45	45900	131.629	20.411	300.023	11648.677	12767.811	7.419	8.682	85.847	1.004	14.747								
11/2/2017 11:00	46800	131.631	20.407	300.028	11653.875	12774.555	7.423	8.687	85.808	1.004	14.747								
11/2/2017 11:15	47700	131.671	20.408	300.12	11654.825	12775.339	7.424	8.687	85.801	1.004	14.741								
11/2/2017 11:30	48600	131.684	20.408	300.148	11655.842	12776.339	7.424	8.688	85.794	1.004	14.747								
11/2/2017 11:45	49500	131.677	20.412	300.133	11649.126	12767.973	7.419	8.682	85.843	1.004	14.745								
11/2/2017 12:00	50400	131.659	20.398	300.092	11651.236	12773.926	7.423	8.686	85.828	1.004	14.748								
11/2/2017 12:15	51300	131.674	20.4	300.125	11658.103	12780.961	7.427	8.691	85.777	1.004	14.745								
11/2/2017 12:30	52200	131.685	20.407	300.15	11664.417	12786.088	7.43	8.695	85.731	1.004	14.745								
11/2/2017 12:45	53100	131.677	20.41	300.134	11656.444	12776.463	7.424	8.688	85.789	1.004	14.743								
11/2/2017 13:00	54000	131.645	20.413	300.059	11667.139	12787.601	7.431	8.696	85.711	1.004	14.744								
11/2/2017 13:15	54900	131.646	20.411	300.063	11660.579	12780.901	7.427	8.691	85.759	1.004	14.745								
11/2/2017 13:30	55800	131.671	20.408	300.12	11660.593	12781.572	7.427	8.691	85.759	1.004	14.741								
11/2/2017 13:45	56700	131.63	20.405	300.026	11666.966	12789.511	7.432	8.697	85.712	1.004	14.739								
11/2/2017 14:00	57600	131.662	20.407	300.099	11650.281	12770.593	7.421	8.684	85.835	1.004	14.738								
11/2/2017 14:15	58500	131.621	20.412	300.004	11659.438	12779.348	7.426	8.69	85.767	1.004	14.734								
11/2/2017 14:30	59400	131.645	20.423	300.058	11666.036	12783.454	7.429	8.693	85.719	1.004	14.738								
11/2/2017 14:45	60300	131.615	20.409	299.992	11662.208	12783.152	7.428	8.693	85.747	1.004	14.731								
11/2/2017 15:00	61200	131.631	20.401	300.028	11651.52	12773.65	7.422	8.686	85.826	1.004	14.734								
11/2/2017 15:15	62100	131.592	20.406	299.94	11656.93	12778.111	7.425	8.689	85.786	1.004	14.733								
11/2/2017 15:30	63000	131.608	20.399	299.974	11662.025	12784.051	7.429	8.693	85.748	1.004	14.748								
11/2/2017 15:45	63900	131.605	20.408	299.968	11649.463	12769.438	7.42	8.683	85.841	1.004	14.735								
11/2/2017 16:00	64800	131.568	20.4	299.884	11661.389	12784.727	7.429	8.694	85.753	1.004	14.729								
11/2/2017 16:15	65700	131.588	20.411	299.931	11658.248	12778.228	7.425	8.689	85.776	1.004	14.735								
11/2/2017 16:30	66600	131.5																	

11/3/2017 4:00	108000	131.567	20411	299.883	11639.923	12758.306	7413	8.676	85.911	1.004	14.732
11/3/2017 4:15	108900	131.599	20406	299.955	11650.157	12770.643	7421	8.684	85.836	1.004	14.736
11/3/2017 4:30	109800	131.581	20417	299.913	11645.095	12762.345	7415	8.678	85.873	1.004	14.746
11/3/2017 4:45	110700	131.583	20406	299.917	11634.006	12753.101	741	8.672	85.955	1.004	14.744
11/3/2017 5:00	111600	131.544	204	299.828	11638.777	12759.821	7414	8.677	85.926	1.004	14.746
11/3/2017 5:15	112500	131.574	20403	299.887	11637.875	12758.086	7413	8.675	85.926	1.004	14.745
11/3/2017 5:30	113400	131.538	20412	299.816	11648.436	12757.148	7418	8.682	85.848	1.004	14.752
11/3/2017 5:45	114300	131.533	20408	299.805	11634.592	12753.233	741	8.672	85.951	1.004	14.75
11/3/2017 6:00	115200	131.572	20404	299.893	11641.778	12762.039	7415	8.678	85.898	1.004	14.744
11/3/2017 6:15	116100	131.572	20412	299.894	11642.053	12760.22	7414	8.677	85.896	1.004	14.748
11/3/2017 6:30	117000	131.555	20401	299.855	11640.041	12760.879	7414	8.677	85.91	1.004	14.739
11/3/2017 6:45	117900	131.55	20407	299.843	11644.308	12764.161	7416	8.68	85.879	1.004	14.738
11/3/2017 7:00	118800	131.56	204	299.865	11632.229	12752.595	7416	8.672	85.968	1.004	14.742
11/3/2017 7:15	119700	131.563	20414	299.873	11642.498	12760.266	7414	8.677	85.892	1.004	14.74
11/3/2017 7:30	120600	131.573	20392	299.895	11634.208	12756.904	7412	8.675	85.953	1.004	14.745
11/3/2017 7:45	121500	131.564	20391	299.875	11637.133	12760.51	7414	8.677	85.932	1.004	14.748
11/3/2017 8:00	122400	131.579	20404	299.909	11649.296	12770.398	742	8.684	85.842	1.004	14.746
11/3/2017 8:15	123300	131.619	20412	299.999	11640.794	12758.958	7413	8.676	85.905	1.004	14.749
11/3/2017 8:30	124200	131.684	20401	300.126	11640.518	12761.475	7415	8.678	85.907	1.004	14.745
11/3/2017 8:45	125100	131.626	20414	300.016	11638.499	12755.815	7411	8.674	85.922	1.004	14.75
11/3/2017 9:00	126000	131.63	20412	300.024	11640.802	12758.967	7413	8.676	85.905	1.004	14.757
11/3/2017 9:15	126900	131.618	20403	299.999	11638.82	12759.076	7413	8.676	85.919	1.004	14.758
11/3/2017 9:30	127800	131.657	204	300.086	11637.996	12758.989	7413	8.676	85.925	1.004	14.763
11/3/2017 9:45	128700	131.657	20413	300.087	11627.146	12743.742	7404	8.666	86.006	1.004	14.763
11/3/2017 10:00	129600	131.641	20409	300.054	11634.839	12753.152	741	8.672	85.949	1.004	14.765
11/3/2017 10:15	130500	131.653	20405	300.078	11640.09	12760.026	7414	8.677	85.91	1.004	14.757
11/3/2017 10:30	131400	131.676	20395	300.131	11634.292	12756.253	7411	8.674	85.953	1.004	14.753
11/3/2017 10:45	132300	131.695	20409	300.173	11637.561	12756.252	7412	8.674	85.929	1.004	14.762
11/3/2017 11:00	133200	131.707	20405	300.202	11636.309	12755.927	7411	8.674	85.938	1.004	14.761
11/3/2017 11:15	134100	131.686	20395	300.154	11633.606	12755.546	7411	8.674	85.958	1.004	14.761
11/3/2017 11:30	135000	131.686	20403	300.154	11642.083	12752.746	7416	8.679	85.895	1.004	14.765
11/3/2017 11:45	135900	131.699	20401	300.183	11638.401	12759.13	7413	8.676	85.922	1.004	14.761
11/3/2017 12:00	136800	131.722	20413	300.235	11638.832	12756.365	7412	8.674	85.919	1.004	14.754
11/3/2017 12:15	137700	131.727	2042	300.247	11640.218	12756.071	7411	8.674	85.909	1.004	14.752
11/3/2017 12:30	138600	131.74	20424	300.275	11627.273	12740.792	7402	8.664	86.005	1.004	14.754
11/3/2017 12:45	139500	131.708	20408	300.202	11629.445	12747.593	7406	8.668	85.989	1.004	14.745
11/3/2017 13:00	140400	131.706	20407	300.199	11628.498	12746.699	7406	8.668	85.996	1.004	14.739
11/3/2017 13:15	141300	131.716	20396	300.221	11629.359	12750.588	7408	8.67	85.989	1.004	14.745
11/3/2017 13:30	142200	131.715	2039	300.22	11631.589	12754.663	741	8.673	85.973	1.004	14.749
11/3/2017 13:45	143100	131.731	20408	300.256	11630.401	12748.429	7407	8.669	85.982	1.004	14.747
11/3/2017 14:00	144000	131.737	20413	300.27	11635.227	12752.555	7409	8.672	85.946	1.004	14.739
11/3/2017 14:15	144900	131.707	20398	300.2	11631.817	12752.68	7409	8.672	85.971	1.004	14.735
11/3/2017 14:30	145800	131.649	204	300.149	11635.188	12745.089	7404	8.667	86.02	1.004	14.741
11/3/2017 14:45	146700	131.686	20406	300.153	11627.722	12739.428	7401	8.663	86.046	1.004	14.733
11/3/2017 15:00	147600	131.705	20409	300.196	11629.195	12747.016	7406	8.668	85.99	1.004	14.736
11/3/2017 15:15	148500	131.697	20409	300.179	11629.025	12746.852	7406	8.668	85.992	1.004	14.737
11/3/2017 15:30	149400	131.652	20412	300.076	11637.514	12755.245	7411	8.674	85.929	1.004	14.735
11/3/2017 15:45	150300	131.672	20407	300.12	11626	12743.955	7404	8.666	86.014	1.004	14.735
11/3/2017 16:00	151200	131.669	20406	300.114	11632.114	12748.314	7407	8.67	85.969	1.004	14.732
11/3/2017 16:15	152100	131.622	20408	300.007	11627.524	12745.909	7405	8.667	86	1.004	14.73
11/3/2017 16:30	153000	131.623	20409	300.01	11619.228	12736.111	7399	8.661	86.064	1.004	14.727
11/3/2017 16:45	153900	131.616	20395	299.993	11616.67	12736.932	7399	8.661	86.083	1.004	14.733
11/3/2017 17:00	154800	131.629	20399	300.023	11619.979	12739.443	7401	8.663	86.059	1.004	14.73
11/3/2017 17:15	155700	131.616	2041	299.992	11622.564	12739.444	7401	8.663	86.04	1.004	14.73
11/3/2017 17:30	156600	131.612	20405	299.985	11615.401	12733.226	7397	8.659	86.091	1.004	14.727
11/3/2017 17:45	157500	131.584	20389	299.921	11609.773	12731.066	7396	8.657	86.134	1.004	14.723
11/3/2017 18:00	158400	131.589	20402	299.932	11616.278	12734.667	7398	8.66	86.086	1.004	14.731
11/3/2017 18:15	159300	131.567	2039	299.882	11609.143	12730.096	7395	8.656	86.139	1.004	14.725
11/3/2017 18:30	160200	131.549	20402	299.842	11617.214	12735.762	7399	8.66	86.079	1.004	14.73
11/3/2017 18:45	161100	131.552	20389	299.847	11608.296	12729.263	7395	8.656	86.145	1.004	14.732
11/3/2017 19:00	162000	131.557	20413	299.814	11616.406	12731.786	7396	8.658	86.085	1.004	14.734
11/3/2017 19:15	162900	131.524	20407	299.784	11613.813	12730.734	7396	8.657	86.104	1.004	14.731
11/3/2017 19:30	163800	131.542	20398	299.824	11617.133	12736.696	7399	8.661	86.08	1.004	14.727
11/3/2017 19:45	164700	131.523	20405	299.781	11610.532	12727.581	7394	8.655	86.129	1.004	14.734
11/3/2017 20:00	165600	131.574	20402	299.899	11609.205	12726.795	7393	8.654	86.139	1.004	14.725
11/3/2017 20:15	166500	131.529	204	299.796	11606.217	12724.263	7391	8.652	86.161	1.004	14.73
11/3/2017 20:30	167400	131.547	20401	299.836	11615.036	12733.653	7397	8.659	86.095	1.004	14.731
11/3/2017 20:45	168300	131.539	20407	299.817	11617.723	12734.882	7398	8.66	86.075	1.004	14.73
11/3/2017 21:00	169200	131.556	20396	299.857	11606.438	12725.553	7392	8.653	86.159	1.004	14.73
11/3/2017 21:15	170100	131.576	20415	299.902	11615.241	12729.978	7395	8.656	86.094	1.004	14.732
11/3/2017 21:30	171000	131.559	204	299.864	11611.924	12730.288	7395	8.657	86.118	1.004	14.733
11/3/2017 21:45	171900	131.562	20393	299.87	11602.6	12721.969	739	8.651	86.188	1.004	14.736
11/3/2017 22:00	172800	131.577	20395	299.905	11602.748	12721.667	739	8.651	86.186	1.004	14.734
11/3/2017 22:15	173700	131.58	20406	299.911	11601.13	12716.855	7387	8.647	86.199	1.004	14.729
11/3/2017 22:30	174600	131.61	20401	299.979	11603.818	12721.264	739	8.65	86.179	1.004	14.738
11/3/2017 22:45	175500	131.612	20402	299.985	11607.333	12724.883	7392	8.653	86.152	1.004	14.741
11/3/2017 23:00	176400	131.606	20397	299.971	11609.733	12728.746	7394	8.656	86.135	1.004	14.73
11/3/2017 23:15	177300	131.602	20405	299.961	11608.873	12725.645	7392	8.653	86.141	1.004	14.735
11/3/2017 23:30	178200	131.61	20402	299.98	11603.81	12720.953	7389	8.65	86.179	1.004	14.734
11/3/2017 23:45	179100	131.643	20405	300.055	11609.697	12724.455	7392	8.653	86.135	1.004	14.736
11/4/2017 0:00	180000	131.637	20389	300.041	11603.381	12723.896	7391	8.652	86.182	1.004	14.726
11/4/2017 0:15	180900	131.669	20401	300.115	11610.554	12728.647	7394	8.655	86.129	1.004	14.73
11/4/2017 0:30	181800	131.645	20391	300.06	11602.545	12722.605	739	8.651	86.188	1.004	14.733
11/4/2017 0:45	182700	131.651	20387	300.073	11598.604	12719.351	7388	8.649	86.217	1.004	14.736
11/4/2017 1:00	183600	131.66									

11/5/2017 7:45	297900	131.716	20.392	300.222	11560.55	12676.347	7.361	8.62	86.501	1.004	14.801
11/5/2017 8:00	298800	131.742	20.398	300.281	11568.007	12682.858	7.365	8.624	86.445	1.004	14.813
11/5/2017 8:15	299700	131.756	20.404	300.313	11561.191	12673.79	7.36	8.618	86.496	1.004	14.808
11/5/2017 8:30	300600	131.773	20.402	300.351	11563.497	12676.873	7.362	8.62	86.479	1.004	14.809
11/5/2017 8:45	301500	131.781	20.404	300.37	11560.27	12672.826	7.359	8.618	86.503	1.004	14.815
11/5/2017 8:50	302400	131.746	20.411	300.29	11560.58	12671.201	7.358	8.616	86.501	1.004	14.813
11/5/2017 9:15	303500	131.747	20.392	300.292	11563.354	12674.172	7.364	8.618	86.48	1.004	14.811
11/5/2017 9:30	304200	131.802	20.402	300.418	11567.355	12681.057	7.364	8.623	86.45	1.004	14.816
11/5/2017 9:45	305100	131.808	20.411	300.431	11564.288	12675.266	7.361	8.619	86.473	1.004	14.818
11/5/2017 10:00	306000	131.776	20.406	300.359	11564.241	12676.602	7.362	8.62	86.473	1.004	14.816
11/5/2017 10:15	306900	131.809	20.41	300.432	11560.39	12671.247	7.358	8.616	86.502	1.004	14.814
11/5/2017 10:30	307800	131.816	20.405	300.449	11564.447	12676.8	7.362	8.62	86.474	1.004	14.814
11/5/2017 10:45	308700	131.823	20.41	300.465	11556.127	12666.506	7.355	8.613	86.534	1.004	14.813
11/5/2017 11:00	309600	131.833	20.397	300.489	11551.788	12665.283	7.354	8.612	86.567	1.004	14.813
11/5/2017 11:15	310500	131.864	20.397	300.558	11554.157	12667.93	7.356	8.614	86.549	1.004	14.812
11/5/2017 11:30	311400	131.838	20.408	300.5	11556.738	12667.778	7.356	8.614	86.53	1.004	14.805
11/5/2017 11:45	312300	131.889	20.401	300.615	11563.726	12677.401	7.362	8.621	86.477	1.004	14.802
11/5/2017 12:00	313200	131.861	20.403	300.552	11547.735	12659.248	7.351	8.608	86.597	1.004	14.803
11/5/2017 12:15	314100	131.889	20.415	300.615	11558.793	12669.081	7.357	8.615	86.514	1.004	14.799
11/5/2017 12:30	315000	131.876	20.395	300.587	11560.411	12675.34	7.361	8.619	86.502	1.004	14.794
11/5/2017 12:45	315900	131.875	20.403	300.584	11553.069	12665.024	7.354	8.612	86.557	1.004	14.793
11/5/2017 13:00	316800	131.907	20.42	300.658	11569.29	12678.273	7.363	8.621	86.436	1.004	14.786
11/5/2017 13:15	317700	131.914	20.41	300.672	11561.751	12672.739	7.359	8.617	86.492	1.004	14.786
11/5/2017 13:30	318600	131.881	20.392	300.598	11550.556	12665.251	7.354	8.612	86.576	1.004	14.78
11/5/2017 13:45	319500	131.872	20.399	300.577	11559.047	12672.889	7.359	8.617	86.512	1.004	14.781
11/5/2017 14:00	320400	131.873	20.394	300.579	11547.089	12660.871	7.352	8.609	86.602	1.004	14.781
11/5/2017 14:15	321300	131.851	20.398	300.529	11555.466	12669.18	7.357	8.615	86.539	1.004	14.78
11/5/2017 14:30	322200	131.849	20.397	300.526	11551.788	12665.378	7.354	8.612	86.567	1.004	14.778
11/5/2017 14:45	323100	131.846	20.412	300.517	11554.2	12664.047	7.354	8.612	86.549	1.004	14.778
11/5/2017 15:00	324000	131.833	20.401	300.487	11544.747	12656.481	7.349	8.606	86.619	1.004	14.781
11/5/2017 15:15	324900	131.858	20.405	300.545	11555.788	12667.475	7.356	8.614	86.537	1.004	14.777
11/5/2017 15:30	325800	131.854	20.405	300.536	11558.138	12670.146	7.358	8.616	86.519	1.004	14.775
11/5/2017 15:45	326700	131.797	20.399	300.406	11545.073	12657.322	7.349	8.607	86.617	1.004	14.78
11/5/2017 16:00	327600	131.797	20.401	300.407	11549.434	12661.664	7.352	8.61	86.584	1.004	14.777
11/5/2017 16:15	328500	131.774	20.392	300.354	11535.607	12648.929	7.344	8.601	86.688	1.004	14.778
11/5/2017 16:30	329400	131.769	20.387	300.342	11547.275	12662.949	7.353	8.611	86.601	1.004	14.776
11/5/2017 16:45	330300	131.784	20.391	300.377	11547.813	12656.697	7.349	8.607	86.596	1.004	14.796
11/5/2017 17:00	331200	131.748	20.406	300.293	11540.415	12650.483	7.345	8.602	86.652	1.004	14.774
11/5/2017 17:15	332100	131.76	20.41	300.321	11546.07	12655.483	7.348	8.606	86.61	1.004	14.772
11/5/2017 17:30	333000	131.754	20.41	300.309	11539.39	12648.229	7.344	8.601	86.66	1.004	14.766
11/5/2017 17:45	333900	131.706	20.39	300.199	11531.309	12644.584	7.341	8.598	86.72	1.004	14.782
11/5/2017 18:00	334800	131.721	20.389	300.234	11528.628	12642.062	7.34	8.597	86.741	1.004	14.778
11/5/2017 18:15	335700	131.684	20.4	300.147	11538.172	12647.32	7.343	8.6	86.661	1.004	14.785
11/5/2017 18:30	336600	131.676	20.406	300.131	11539.426	12649.262	7.344	8.601	86.659	1.004	14.776
11/5/2017 18:45	337500	131.699	20.396	300.183	11532.302	12644.173	7.341	8.598	86.713	1.004	14.774
11/5/2017 19:00	338400	131.653	20.394	300.079	11520.706	12632.059	7.334	8.59	86.8	1.004	14.78
11/5/2017 19:15	339300	131.635	20.399	300.037	11530.198	12641.085	7.339	8.596	86.729	1.004	14.782
11/5/2017 19:30	340200	131.655	20.387	300.082	11526.851	12640.573	7.339	8.596	86.754	1.004	14.779
11/5/2017 19:45	341100	131.651	20.382	300.054	11519.362	12633.956	7.335	8.591	86.81	1.004	14.781
11/5/2017 20:00	342000	131.668	20.407	300.111	11521.707	12629.586	7.332	8.588	86.793	1.004	14.788
11/5/2017 20:15	342900	131.639	20.403	300.045	11532.993	12643.016	7.341	8.597	86.708	1.004	14.782
11/5/2017 20:30	343800	131.664	20.397	300.102	11528.703	12639.95	7.339	8.595	86.74	1.004	14.782
11/5/2017 20:45	344700	131.643	20.399	300.054	11515.924	12625.364	7.329	8.585	86.836	1.004	14.783
11/5/2017 21:00	345600	131.673	20.402	300.124	11525.867	12635.644	7.336	8.592	86.761	1.004	14.781
11/5/2017 21:15	346500	131.636	20.393	300.039	11508.823	12619.306	7.326	8.581	86.89	1.004	14.788
11/5/2017 21:30	347400	131.656	20.396	300.084	11522.365	12644.22	7.341	8.598	86.712	1.004	14.794
11/5/2017 21:45	348300	131.639	20.403	300.046	11528.839	12638.462	7.338	8.594	86.739	1.004	14.789
11/5/2017 22:00	349200	131.67	20.403	300.117	11524.172	12633.299	7.334	8.591	86.774	1.004	14.787
11/5/2017 22:15	350100	131.688	20.401	300.156	11521.576	12631.056	7.333	8.589	86.794	1.004	14.791
11/5/2017 22:30	351000	131.686	20.41	300.154	11525.565	12633.056	7.334	8.59	86.764	1.004	14.789
11/5/2017 22:45	351900	131.687	20.405	300.155	11527.314	12636.218	7.336	8.593	86.75	1.004	14.792
11/5/2017 23:00	352800	131.673	20.399	300.123	11523.817	12633.817	7.335	8.591	86.781	1.004	14.791
11/5/2017 23:15	353700	131.677	20.398	300.133	11522.686	12633.218	7.334	8.591	86.785	1.004	14.795
11/5/2017 23:30	354600	131.682	20.403	300.144	11524.106	12633.32	7.334	8.591	86.775	1.004	14.792
11/5/2017 23:45	355500	131.697	20.401	300.178	11525.154	12634.907	7.335	8.592	86.767	1.004	14.791
11/6/2017 0:00	356400	131.702	20.394	300.189	11520.012	12631.114	7.333	8.589	86.805	1.004	14.791
11/6/2017 0:15	357300	131.701	20.408	300.187	11527.109	12635.278	7.336	8.592	86.752	1.004	14.797
11/6/2017 0:30	358200	131.712	20.396	300.213	11523.381	12633.381	7.334	8.591	86.788	1.004	14.798
11/6/2017 0:45	359100	131.76	20.401	300.321	11528.234	12638.516	7.338	8.594	86.744	1.004	14.789
11/6/2017 1:00	360000	131.768	20.407	300.339	11525.888	12634.216	7.335	8.591	86.761	1.004	14.786
11/6/2017 1:15	360900	131.76	20.41	300.322	11521.931	12629.049	7.332	8.588	86.791	1.004	14.795
11/6/2017 1:30	361800	131.767	20.412	300.337	11524.113	12630.979	7.333	8.589	86.775	1.004	14.796
11/6/2017 1:45	362700	131.726	20.409	300.245	11530.209	12638.399	7.338	8.594	86.729	1.004	14.796
11/6/2017 2:00	363600	131.738	20.415	300.272	11523.686	12639.726	7.332	8.588	86.778	1.004	14.798
11/6/2017 2:15	364500	131.755	20.397	300.31	11526.321	12637.251	7.337	8.593	86.758	1.004	14.79
11/6/2017 2:30	365400	131.792	20.41	300.395	11527.969	12635.805	7.336	8.592	86.746	1.004	14.79
11/6/2017 2:45	366300	131.762	20.404	300.327	11523.482	12632.521	7.334	8.59	86.779	1.004	14.787
11/6/2017 3:00	367200	131.763	20.401	300.328	11523.54	12633.255	7.334	8.591	86.779	1.004	14.793
11/6/2017 3:15	368100	131.804	20.4	300.423	11522.892	12632.727	7.334	8.59	86.784	1.004	14.788
11/6/2017 3:30	369000	131.803	20.399	300.431	11531.328	12643.427	7.341	8.598	86.72	1.004	14.795
11/6/2017 3:45	369900	131.772	20.412	300.348	11540.835	12649.42	7.345	8.602	86.649	1.004	14.795
11/6/2017 4:00	370800	131.759	20.404	300.319	11523.811	12632.765	7.334	8.59	86.777	1.004	14.791
11/6/2017 4:15	371700	131.769	20.396	300.343	11527.392	12638.767	7.338	8.594	86.75	1.004	14.796
11/6/2017											

11/7/2017 12:30	487800	131.983	20.405	300.83	11469.21	12572.728	7.296	8.549	87.19	1.004	14.773
11/7/2017 12:45	488700	131.966	20.392	300.792	11472.859	12580.125	7.301	8.554	87.162	1.004	14.771
11/7/2017 13:00	489600	131.984	20.395	300.832	11463.975	12569.556	7.294	8.547	87.23	1.004	14.766
11/7/2017 13:15	490500	132.01	20.408	300.892	11476.69	12580.15	7.301	8.555	87.133	1.004	14.762
11/7/2017 13:30	491400	131.987	20.414	300.838	11474.921	12576.489	7.299	8.552	87.147	1.004	14.764
11/7/2017 13:45	492300	132.013	20.399	300.895	11467.316	12572.145	7.296	8.549	87.204	1.004	14.763
11/7/2017 14:00	493200	132.018	20.413	300.909	11478.138	12580.286	7.301	8.555	87.122	1.004	14.764
11/7/2017 14:15	494100	131.991	20.404	300.849	11464.439	12567.657	7.293	8.546	87.226	1.004	14.76
11/7/2017 14:30	495000	131.996	20.389	300.859	11473.259	12581.187	7.302	8.555	87.159	1.004	14.764
11/7/2017 14:45	495900	132.027	20.393	300.931	11459.491	12565.26	7.292	8.544	87.264	1.004	14.766
11/7/2017 15:00	496800	131.993	20.395	300.854	11464.258	12569.96	7.295	8.548	87.228	1.004	14.758
11/7/2017 15:15	497700	131.989	20.406	300.845	11465.05	12567.847	7.293	8.546	87.222	1.004	14.756
11/7/2017 15:30	498600	131.989	20.388	300.843	11462.338	12569.688	7.294	8.547	87.242	1.004	14.756
11/7/2017 15:45	499500	131.988	20.383	300.841	11452.454	12559.996	7.288	8.541	87.318	1.004	14.754
11/7/2017 16:00	500400	131.979	20.389	300.821	11454.972	12561.27	7.289	8.542	87.298	1.004	14.751
11/7/2017 16:15	501300	131.994	20.412	300.855	11472.255	12574.23	7.297	8.55	87.167	1.004	14.758
11/7/2017 16:30	502200	131.978	20.414	300.818	11470.902	12572.22	7.296	8.549	87.177	1.004	14.754
11/7/2017 16:45	503100	131.976	20.396	300.815	11458.233	12562.919	7.29	8.543	87.273	1.004	14.754
11/7/2017 17:00	504000	131.966	20.409	300.791	11464.07	12565.857	7.292	8.545	87.229	1.004	14.752
11/7/2017 17:15	504900	131.926	20.399	300.7	11456.028	12559.836	7.288	8.541	87.29	1.004	14.749
11/7/2017 17:30	505800	131.94	20.41	300.732	11460.063	12561.188	7.289	8.542	87.26	1.004	14.759
11/7/2017 17:45	506700	131.902	20.397	300.646	11451.813	12555.671	7.286	8.538	87.322	1.004	14.756
11/7/2017 18:00	507600	131.882	20.408	300.599	11455.41	12556.687	7.286	8.539	87.295	1.004	14.755
11/7/2017 18:15	508500	131.87	20.398	300.573	11461.722	12566.193	7.292	8.545	87.247	1.004	14.761
11/7/2017 18:30	509400	131.853	20.389	300.534	11454.04	12560.27	7.289	8.541	87.305	1.004	14.764
11/7/2017 18:45	510300	131.836	20.392	300.494	11452.329	12557.545	7.287	8.539	87.318	1.004	14.765
11/7/2017 19:00	511200	131.835	20.402	300.492	11457.14	12560.068	7.289	8.541	87.282	1.004	14.758
11/7/2017 19:15	512100	131.857	20.399	300.543	11457.169	12561.109	7.289	8.542	87.282	1.004	14.758
11/7/2017 19:30	513000	131.795	20.408	300.4	11449.147	12549.912	7.282	8.534	87.343	1.004	14.764
11/7/2017 19:45	513900	131.834	20.41	300.489	11445.973	12545.744	7.28	8.531	87.367	1.004	14.754
11/7/2017 20:00	514800	131.779	20.4	300.366	11444.925	12547.205	7.28	8.532	87.375	1.004	14.765
11/7/2017 20:15	515700	131.797	20.407	300.405	11449.493	12550.585	7.283	8.534	87.34	1.004	14.758
11/7/2017 20:30	516600	131.762	20.405	300.326	11449.28	12550.789	7.283	8.535	87.342	1.004	14.759
11/7/2017 20:45	517500	131.753	20.394	300.306	11447.323	12551.437	7.283	8.535	87.357	1.004	14.763
11/7/2017 21:00	518400	131.746	20.39	300.29	11448.715	12554.109	7.285	8.537	87.346	1.004	14.766
11/7/2017 21:15	519300	131.737	20.397	300.27	11444.344	12547.438	7.281	8.532	87.379	1.004	14.768
11/7/2017 21:30	520200	131.728	20.395	300.25	11440.377	12543.682	7.278	8.53	87.41	1.004	14.769
11/7/2017 21:45	521100	131.721	20.392	300.232	11435.99	12539.675	7.276	8.527	87.443	1.004	14.768
11/7/2017 22:00	522000	131.713	20.399	300.215	11441.838	12544.098	7.279	8.53	87.399	1.004	14.776
11/7/2017 22:15	522900	131.708	20.409	300.203	11444.418	12544.543	7.279	8.53	87.379	1.004	14.777
11/7/2017 22:30	523800	131.738	20.401	300.272	11444.221	12546.229	7.28	8.531	87.38	1.004	14.772
11/7/2017 22:45	524700	131.741	20.397	300.279	11444.755	12548.049	7.281	8.533	87.376	1.004	14.776
11/7/2017 23:00	525600	131.715	20.394	300.219	11444.628	12548.647	7.281	8.533	87.377	1.004	14.766
11/7/2017 23:15	526500	131.708	20.39	300.203	11441.139	12545.778	7.28	8.531	87.404	1.004	14.773
11/7/2017 23:30	527400	131.715	20.408	300.219	11450.995	12551.847	7.283	8.535	87.329	1.004	14.77
11/7/2017 23:45	528300	131.747	20.398	300.291	11442.07	12544.854	7.279	8.531	87.397	1.004	14.774
11/8/2017 0:00	529200	131.722	20.401	300.234	11438.262	12539.764	7.276	8.527	87.426	1.004	14.765
11/8/2017 0:15	530100	131.724	20.404	300.239	11440.486	12541.399	7.277	8.528	87.409	1.004	14.769
11/8/2017 0:30	531000	131.741	20.397	300.278	11442.838	12545.817	7.28	8.531	87.391	1.004	14.759
11/8/2017 0:45	531900	131.734	20.4	300.264	11436.938	12538.701	7.275	8.526	87.436	1.004	14.764
11/8/2017 1:00	532800	131.741	20.411	300.278	11445.833	12545.34	7.279	8.531	87.368	1.004	14.763
11/8/2017 1:15	533700	131.753	20.406	300.305	11439.706	12540.087	7.276	8.527	87.415	1.004	14.765
11/8/2017 1:30	534600	131.788	20.408	300.386	11450.278	12551.083	7.283	8.535	87.334	1.004	14.752
11/8/2017 1:45	535500	131.771	20.397	300.346	11436.346	12538.829	7.275	8.526	87.441	1.004	14.752
11/8/2017 2:00	536400	131.797	20.393	300.407	11437.547	12541.176	7.277	8.528	87.431	1.004	14.756
11/8/2017 2:15	537300	131.813	20.402	300.442	11450.833	12554.597	7.285	8.537	87.32	1.004	14.744
11/8/2017 2:30	538200	131.79	20.391	300.39	11438.657	12542.78	7.278	8.529	87.423	1.004	14.739
11/8/2017 2:45	539100	131.82	20.411	300.458	11455.805	12556.475	7.286	8.538	87.292	1.004	14.742
11/8/2017 3:00	540000	131.831	20.403	300.483	11448.946	12550.858	7.283	8.535	87.344	1.004	14.74
11/8/2017 3:15	540900	131.815	20.394	300.448	11455.144	12560.079	7.289	8.541	87.297	1.004	14.732
11/8/2017 3:30	541800	131.816	20.395	300.449	11445.167	12548.934	7.282	8.533	87.373	1.004	14.729
11/8/2017 3:45	542700	131.812	20.406	300.449	11449.423	12550.624	7.283	8.534	87.341	1.004	14.734
11/8/2017 4:00	543600	131.828	20.406	300.478	11447.208	12548.356	7.281	8.533	87.358	1.004	14.727
11/8/2017 4:15	544500	131.855	20.406	300.538	11446.801	12547.82	7.281	8.533	87.361	1.004	14.733
11/8/2017 4:30	545400	131.863	20.408	300.556	11450.195	12550.948	7.283	8.535	87.335	1.004	14.736
11/8/2017 4:45	546300	131.854	20.396	300.535	11447.026	12550.653	7.283	8.534	87.359	1.004	14.732
11/8/2017 5:00	547200	131.83	20.401	300.481	11449.628	12552.269	7.284	8.536	87.339	1.004	14.736
11/8/2017 5:15	548100	131.839	20.392	300.502	11447.875	12552.502	7.284	8.536	87.352	1.004	14.752
11/8/2017 5:30	549000	131.843	20.398	300.511	11457.395	12561.428	7.289	8.542	87.28	1.004	14.738
11/8/2017 5:45	549900	131.841	20.408	300.506	11458.074	12559.56	7.288	8.541	87.275	1.004	14.741
11/8/2017 6:00	550800	131.87	20.398	300.573	11456.972	12561.055	7.289	8.542	87.283	1.004	14.746
11/8/2017 6:15	551700	131.837	20.394	300.498	11452.076	12556.833	7.286	8.539	87.32	1.004	14.75
11/8/2017 6:30	552600	131.865	20.411	300.562	11451.98	12552.168	7.284	8.535	87.321	1.004	14.747
11/8/2017 6:45	553500	131.88	20.405	300.594	11458.654	12561.404	7.289	8.542	87.268	1.004	14.748
11/8/2017 7:00	554400	131.872	20.407	300.576	11463.087	12565.376	7.292	8.544	87.237	1.004	14.755
11/8/2017 7:15	555300	131.835	20.402	300.494	11462.585	12566.132	7.292	8.545	87.24	1.004	14.757
11/8/2017 7:30	556200	131.835	20.407	300.494	11464.306	12566.756	7.293	8.545	87.227	1.004	14.755
11/8/2017 7:45	557100	131.878	20.414	300.59	11459.719	12559.872	7.288	8.541	87.262	1.004	14.757
11/8/2017 8:00	558000	131.836	20.413	300.495	11468.37	12569.605	7.295	8.547	87.196	1.004	14.758
11/8/2017 8:15	558900	131.862	20.405	300.564	11462.763	12565.482	7.285	8.537	87.315	1.004	14.761
11/8/2017 8:30	559800	131.871	20.406	300.576	11458.814	12561.033	7.289	8.542	87.269	1.004	14.762
11/8/2017 8:45	560700	131.829	20.394	300.479	11459.526	12564.795	7.291	8.544	87.264	1.004	14.768
11/8/2017 9:00	561600	131.836	20.407	300.496	11449.501	12550.62	7.283	8.534	87.34	1.004	14.76
11/8/2017 9:15											

Report Date:	11/10/2017 8:43		
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_2017-11-09_13-44-39-402.wsl		
Create Date	11/9/2017 13:44		
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			
Log Data:			
Record Count	740		
Sensors	1		
	1	410756	PCTD 100 PSIG (70m/231ft)
Time Zone: Pacific Daylight Time/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)
	11/2/2017 0:00	7200	70.932
	11/2/2017 0:15	8100	70.907
	11/2/2017 0:30	9000	70.919
	11/2/2017 0:45	9900	70.917
	11/2/2017 1:00	10800	70.916
	11/2/2017 1:15	11700	70.91
	11/2/2017 1:30	12600	70.903
	11/2/2017 1:45	13500	70.895
	11/2/2017 2:00	14400	70.895
	11/2/2017 2:15	15300	70.899
	11/2/2017 2:30	16200	70.889
	11/2/2017 2:45	17100	70.862
	11/2/2017 3:00	18000	70.865
	11/2/2017 3:15	18900	70.864
	11/2/2017 3:30	19800	70.859
	11/2/2017 3:45	20700	70.854
	11/2/2017 4:00	21600	70.847
	11/2/2017 4:15	22500	70.847
	11/2/2017 4:30	23400	70.843
	11/2/2017 4:45	24300	70.84
	11/2/2017 5:00	25200	70.837
	11/2/2017 5:15	26100	70.838
	11/2/2017 5:30	27000	70.829
	11/2/2017 5:45	27900	70.844
	11/2/2017 6:00	28800	70.839
	11/2/2017 6:15	29700	70.844
	11/2/2017 6:30	30600	70.839
	11/2/2017 6:45	31500	70.854
	11/2/2017 7:00	32400	70.857
	11/2/2017 7:15	33300	70.857
	11/2/2017 7:30	34200	70.861
	11/2/2017 7:45	35100	70.871
	11/2/2017 8:00	36000	70.883
	11/2/2017 8:15	36900	70.885
	11/2/2017 8:30	37800	70.897
	11/2/2017 8:45	38700	70.902
	11/2/2017 9:00	39600	70.918
	11/2/2017 9:15	40500	70.926
	11/2/2017 9:30	41400	70.925
	11/2/2017 9:45	42300	70.927
	11/2/2017 10:00	43200	70.939
	11/2/2017 10:15	44100	70.948
	11/2/2017 10:30	45000	70.955
	11/2/2017 10:45	45900	70.962
	11/2/2017 11:00	46800	70.965
	11/2/2017 11:15	47700	70.955
	11/2/2017 11:30	48600	70.975
	11/2/2017 11:45	49500	70.984
			17.321
			159.781
			159.724
			41008.672
			40804.704
			48047.664
			40998.598
			48043.551
			40986.746
			48025.82
			41010.754
			48052.168
			41002.914
			48057.164
			48093.699
			41047.324
			48046.68
			40991.961
			48063.195
			41015.52
			47999.832
			48028.535
			48057.391
			41001.906
			48036.516
			40990.023
			48087.734
			48028.855
			40.01

11/2/2017 12:00	50400	70.978	17.325	159.885	41026.383	48073.953	31.52	32.69	24.375	1.023
11/2/2017 12:15	51300	70.971	17.32	159.869	48063.434	31.512	32.683	24.383	1.023	
11/2/2017 12:30	52200	70.972	17.325	159.872	40993.938	48035.191	31.491	32.664	24.394	1.023
11/2/2017 12:45	53100	70.966	17.322	159.858	40999.164	48045.152	31.499	32.671	24.391	1.023
11/2/2017 13:00	54000	70.961	17.323	159.846	40998.93	48043.383	31.497	32.67	24.391	1.023
11/2/2017 13:15	54900	70.956	17.329	159.836	40963.539	47995.816	31.463	32.637	24.412	1.023
11/2/2017 13:30	55800	70.951	17.332	159.823	41024.992	48064.609	31.513	32.684	24.375	1.023
11/2/2017 13:45	56700	70.94	17.318	159.8	40991.027	48039.383	31.494	32.667	24.396	1.023
11/2/2017 14:00	57600	70.945	17.314	159.812	40949.555	47995.09	31.462	32.637	24.42	1.023
11/2/2017 14:15	58500	70.931	17.306	159.778	40918.664	47967.418	31.441	32.618	24.439	1.023
11/2/2017 14:30	59400	70.926	17.304	159.768	40942.906	47998.563	31.463	32.639	24.424	1.023
11/2/2017 14:45	60300	70.903	17.305	159.717	40956.227	48012.758	31.474	32.649	24.416	1.023
11/2/2017 15:00	61200	70.913	17.313	159.738	40941.563	47986.941	31.455	32.631	24.425	1.023
11/2/2017 15:15	62100	70.897	17.314	159.702	40983.5	48034.785	31.491	32.664	24.4	1.023
11/2/2017 15:30	63000	70.886	17.306	159.678	40934.758	47986.836	31.455	32.631	24.429	1.023
11/2/2017 15:45	63900	70.875	17.309	159.654	40936.398	47985.023	31.454	32.63	24.428	1.023
11/2/2017 16:00	64800	70.857	17.303	159.612	40926.523	47980.387	31.45	32.627	24.434	1.023
11/2/2017 16:15	65700	70.863	17.307	159.625	40990.281	48050.707	31.502	32.674	24.396	1.023
11/2/2017 16:30	66600	70.847	17.312	159.59	40952.805	48001.43	31.466	32.641	24.418	1.023
11/2/2017 16:45	67500	70.851	17.308	159.599	40903.293	47947.625	31.426	32.604	24.448	1.023
11/2/2017 17:00	68400	70.844	17.309	159.584	40980.313	48036.398	31.491	32.665	24.402	1.023
11/2/2017 17:15	69300	70.824	17.31	159.538	40954.863	48005.723	31.469	32.644	24.417	1.023
11/2/2017 17:30	70200	70.815	17.313	159.517	40929.234	47973.156	31.445	32.622	24.432	1.023
11/2/2017 17:45	71100	70.815	17.312	159.518	40936.785	47982.938	31.452	32.628	24.428	1.023
11/2/2017 18:00	72000	70.822	17.31	159.533	40939.164	47987.223	31.456	32.631	24.426	1.023
11/2/2017 18:15	72900	70.819	17.31	159.527	40903.059	47945.379	31.425	32.603	24.448	1.023
11/2/2017 18:30	73800	70.794	17.304	159.471	40923.027	47974.691	31.446	32.623	24.436	1.023
11/2/2017 18:45	74700	70.81	17.311	159.506	40984.891	48039.984	31.494	32.667	24.399	1.023
11/2/2017 19:00	75600	70.812	17.312	159.51	40951.473	48000.063	31.465	32.64	24.419	1.023
11/2/2017 19:15	76500	70.819	17.317	159.527	40962.496	48007.348	31.471	32.645	24.413	1.023
11/2/2017 19:30	77400	70.821	17.312	159.531	40966.012	48017.289	31.478	32.652	24.41	1.023
11/2/2017 19:45	78300	70.808	17.308	159.503	40898.383	47941.68	31.422	32.6	24.451	1.023
11/2/2017 20:00	79200	70.82	17.309	159.528	40926.652	47973.969	31.446	32.622	24.434	1.023
11/2/2017 20:15	80100	70.836	17.309	159.566	40964.898	48018.988	31.479	32.653	24.411	1.023
11/2/2017 20:30	81000	70.831	17.307	159.554	40934.281	47985.063	31.454	32.63	24.429	1.023
11/2/2017 20:45	81900	70.837	17.312	159.567	40916.289	47959.098	31.435	32.612	24.44	1.023
11/2/2017 21:00	82800	70.843	17.312	159.58	40903.156	47943.52	31.424	32.602	24.448	1.023
11/2/2017 21:15	83700	70.856	17.309	159.611	40921.504	47967.566	31.441	32.618	24.437	1.023
11/2/2017 21:30	84600	70.86	17.309	159.619	40908.582	47952.785	31.43	32.608	24.445	1.023
11/2/2017 21:45	85500	70.87	17.311	159.643	40961.32	48011.98	31.474	32.648	24.413	1.023
11/2/2017 22:00	86400	70.866	17.309	159.632	40944.238	47994.68	31.461	32.636	24.423	1.023
11/2/2017 22:15	87300	70.86	17.305	159.619	40934.266	47986.742	31.455	32.631	24.429	1.023
11/2/2017 22:30	88200	70.884	17.305	159.674	40929.609	47981.848	31.451	32.628	24.432	1.023
11/2/2017 22:45	89100	70.886	17.311	159.678	41017.117	48077.66	31.522	32.693	24.38	1.023
11/2/2017 23:00	90000	70.897	17.305	159.702	40932.414	47985.137	31.454	32.63	24.431	1.023
11/2/2017 23:15	90900	70.902	17.309	159.713	40921.926	47968.805	31.442	32.619	24.437	1.023
11/2/2017 23:30	91800	70.908	17.316	159.727	40924.875	47964.477	31.439	32.616	24.435	1.023
11/2/2017 23:45	92700	70.908	17.314	159.727	40935.082	47978.129	31.449	32.625	24.429	1.023
11/3/2017 0:00	93600	70.913	17.314	159.739	40944.066	47989.504	31.457	32.633	24.424	1.023
11/3/2017 0:15	94500	70.918	17.31	159.75	40947.914	47997.48	31.463	32.638	24.421	1.023
11/3/2017 0:30	95400	70.912	17.314	159.737	40951.477	47997.82	31.463	32.639	24.419	1.023
11/3/2017 0:45	96300	70.917	17.309	159.748	40924.594	47971.188	31.444	32.62	24.435	1.023
11/3/2017 1:00	97200	70.918	17.303	159.749	40912.895	47964.41	31.438	32.616	24.442	1.023
11/3/2017 1:15	98100	70.918	17.31	159.749	40903.781	47946.223	31.426	32.603	24.448	1.023
11/3/2017 1:30	99000	70.899	17.308	159.706	40938.527	47988.738	31.457	32.632	24.427	1.023
11/3/2017 1:45	99900	70.906	17.312	159.722	40973.762	48025.711	31.484	32.657	24.406	1.023
11/3/2017 2:00	100800	70.908	17.312	159.727	40958.145	48007.504	31.47	32.645	24.415	1.023
11/3/2017 2:15	101700	70.897	17.313	159.701	40931.281	47974.613	31.446	32.623	24.431	1.023
11/3/2017 2:30	102600	70.899	17.307	159.708	40952.305	48005.82	31.469	32.644	24.419	1.023
11/3/2017 2:45	103500	70.893	17.316	159.694	40967.73	48014.703	31.476	32.65	24.409	1.023
11/3/2017 3:00	104400	70.89	17.307	159.688	40939.207	47990.469	31.458	32.634	24.426	1.023
11/3/2017 3:15	105300	70.875	17.311	159.654	40975.16	48028.848	31.486	32.66	24.405	1.023
11/3/2017 3:30	106200	70.879	17.309	159.661	40949.281	48000.68	31.465	32.64	24.42	1.023
11/3/2017 3:45	107100	70.873	17.308	159.649	40923.789	47971.742	31.444	32.621	24.436	1.023
11/3/2017 4:00	108000	70.857	17.313	159.613	40967.91	48018.203	31.478	32.652	24.409	1.023
11/3/2017 4:15	108900	70.862	17.308	159.623	40961.672	48016.246	31.477	32.651	24.413	1.023
11/3/2017 4:30	109800	70.854	17.307	159.606	40952.355	48005.98	31.469	32.644	24.419	1.023
11/3/2017 4:45	110700	70.853	17.307	159.604	40941.969	47993.805	31.46	32.636	24.425	1.023
11/3/2017 5:00	111600	70.854	17.308	159.606	40955.223	48008.688	31.471	32.646	24.417	1.023
11/3/2017 5:15	112500	70.853	17.306	159.603	40953.199	48008.75	31.471	32.646	24.418	1.023
11/3/2017 5:30	113400	70.848	17.307	159.592	40937.75	47989.047	31.457	32.633	24.427	1.023
11/3/2017 5:45	114300	70.844	17.313	159.583	40943.688	47990	31.458	32.633	24.424	1.023
11/3/2017 6:00	115200	70.827	17.32	159.545	40958.934	48000.352	31.466	32.64	24.415	1.023
11/3/2017 6:15	116100	70.846	17.306	159.588	40952.918	48008.125	31.471	32.646	24.418	1.023
11/3/2017 6:30	117000	70.852	17.314	159.6	40947.73	47993.707	31.46	32.636	24.421	1.023
11/3/2017 6:45	117900	70.852	17.31	159.602	40922.371	47967.824	31.441	32.618	24.437	1.023
11/3/2017 7:00	118800	70.86	17.317	159.619	40944.527	47986.766	31.456	32.631	24.423	1.023
11/3/2017 7:15	119700	70.856	17.312	159.611	40906.797	47947.406	31.427	32.604	24.446	1.023
11/3/2017 7:30	120600	70.866	17.306	159.634	40944.77	47998.492	31.463	32.639	24.423	1.023
11/3/2017 7:45	121500	70.877	17.305	159.658	40974.035	48033.742	31.489	32.663	24.406	1.023
11/3/2017 8:00	122400	70.881	17.312	159.666	40935.969	47981.98	31.452	32.628	24.428	1.023
11/3/2017 8:15	123300	70.872	17.303	159.646	40919.234	47971.277	31.443	32.62	24.438	1.023
11/3/2017 8:30	124200	70.907	17.313	159.725	40956.809	48004.723	31.468	32.643	24.416	1.023
11/3/2017 8:45	125100	70.901	17.309	159.711	40952.379	48004.125	31.468	32.643	24.419	1.023
11/3/2017 9:00	126000	70.907	17.31	159.725	40958.484	48010.625	31.473	32.647	24.415	1.023
11/3/2017 9:15	126900	70.919	17.31	159.751	40943.871	47993.117	31.46	32.635	24.424	1.023
11/3/2017 9:30	127800	70.927	17.306	159.771	40940.406	47992.996	31.46	32.635	24.426	1.023
11/3/2017 9:45	128700	70.94	17.312	159.8	40924.133	47968.293	31.442	32.618	24.435	1.023
11/3/2017 10:00	129600	70.949	17.31	159.82	40964.172	48016.445	31.477	32.651	24.412	1.023
11/3/2017 10:15	130500	70.954	17.316	159.83	40914.145	47951.711	3			

11/4/2017 8:30	210600	70.93	17.312	159.778	40955.063	48003.621	31.468	32.642	24.417	1.023
11/4/2017 8:45	211500	70.935	17.307	159.788	40950.023	48003.516	31.467	32.642	24.42	1.023
11/4/2017 9:00	212400	70.947	17.302	159.815	40910.16	47962.418	31.437	32.614	24.444	1.023
11/4/2017 9:15	213300	70.947	17.307	159.816	40905.039	47950.785	31.429	32.607	24.447	1.023
11/4/2017 9:30	214200	70.96	17.308	159.845	40931.785	47981.023	31.451	32.627	24.431	1.023
11/4/2017 9:45	215100	70.971	17.3	159.868	40928.309	47986.047	31.454	32.631	24.433	1.023
11/4/2017 10:00	216000	70.975	17.311	159.877	40919.402	47963.414	31.438	32.615	24.438	1.023
11/4/2017 10:15	216900	70.991	17.308	159.914	40939.504	47990.07	31.457	32.633	24.426	1.023
11/4/2017 10:30	217800	70.999	17.298	159.932	40911.398	47967.813	31.441	32.618	24.443	1.023
11/4/2017 10:45	218700	71.005	17.309	159.947	40914.563	47959.797	31.435	32.613	24.441	1.023
11/4/2017 11:00	219600	71.025	17.308	159.99	40973.977	48030.48	31.487	32.661	24.406	1.023
11/4/2017 11:15	220500	71.026	17.31	159.994	40938.836	47986.934	31.455	32.631	24.427	1.023
11/4/2017 11:30	221400	71.033	17.312	160.008	40942.105	47988.703	31.457	32.632	24.425	1.023
11/4/2017 11:45	222300	71.04	17.309	160.025	40924.852	47971.488	31.444	32.621	24.435	1.023
11/4/2017 12:00	223200	71.047	17.311	160.041	40930.184	47976.23	31.448	32.624	24.432	1.023
11/4/2017 12:15	224100	71.053	17.304	160.054	40903.551	47951.859	31.429	32.607	24.448	1.023
11/4/2017 12:30	225000	71.044	17.305	160.034	40935.68	47989.051	31.457	32.633	24.429	1.023
11/4/2017 12:45	225900	71.044	17.31	160.034	41023.141	48085.469	31.527	32.698	24.376	1.023
11/4/2017 13:00	226800	71.061	17.311	160.071	40953.527	48002.934	31.467	32.642	24.418	1.023
11/4/2017 13:15	227700	71.049	17.311	160.045	40994.625	48051.664	31.503	32.675	24.393	1.023
11/4/2017 13:30	228600	71.061	17.308	160.071	40954.676	48008.043	31.471	32.645	24.417	1.023
11/4/2017 13:45	229500	71.061	17.304	160.071	40937.086	47991.363	31.458	32.634	24.428	1.023
11/4/2017 14:00	230400	71.054	17.311	160.056	40997.867	48055.754	31.506	32.678	24.392	1.023
11/4/2017 14:15	231300	71.049	17.312	160.045	40975.625	48027.723	31.485	32.659	24.405	1.023
11/4/2017 14:30	232200	71.048	17.307	160.043	40955.43	48009.305	31.471	32.646	24.417	1.023
11/4/2017 14:45	233100	71.031	17.315	160.004	40962.852	48009.453	31.472	32.646	24.412	1.023
11/4/2017 15:00	234000	71.006	17.308	159.948	40980.082	48037.918	31.492	32.666	24.402	1.023
11/4/2017 15:15	234900	71.019	17.311	159.977	40957.574	48008.523	31.471	32.646	24.416	1.023
11/4/2017 15:30	235800	71.003	17.305	159.942	40957.676	48014.375	31.475	32.65	24.415	1.023
11/4/2017 15:45	236700	70.981	17.308	159.891	40960.906	48014.871	31.476	32.65	24.414	1.023
11/4/2017 16:00	237600	70.979	17.312	159.887	40944.207	47990.977	31.458	32.634	24.423	1.023
11/4/2017 16:15	238500	70.972	17.307	159.872	40912.648	47960.17	31.436	32.613	24.442	1.023
11/4/2017 16:30	239400	70.956	17.3	159.835	40952.664	48014.035	31.475	32.65	24.418	1.023
11/4/2017 16:45	240300	70.946	17.314	159.813	40932.598	47976.059	31.448	32.624	24.43	1.023
11/4/2017 17:00	241200	70.94	17.305	159.8	40947.672	48003.215	31.467	32.642	24.421	1.023
11/4/2017 17:15	242100	70.919	17.306	159.753	40928.75	47979.793	31.45	32.626	24.433	1.023
11/4/2017 17:30	243000	70.917	17.303	159.749	40964.152	48024.5	31.482	32.657	24.412	1.023
11/4/2017 17:45	243900	70.893	17.308	159.693	40992.645	48052.074	31.503	32.675	24.395	1.023
11/4/2017 18:00	244800	70.895	17.307	159.698	40917.352	47965.598	31.439	32.617	24.44	1.023
11/4/2017 18:15	245700	70.885	17.315	159.675	40955.652	48001.859	31.466	32.641	24.417	1.023
11/4/2017 18:30	246600	70.877	17.31	159.658	40933.031	47979.848	31.45	32.626	24.43	1.023
11/4/2017 18:45	247500	70.87	17.312	159.643	40967.445	48018.496	31.478	32.653	24.41	1.023
11/4/2017 19:00	248400	70.842	17.312	159.578	40932.566	47977.902	31.449	32.625	24.43	1.023
11/4/2017 19:15	249300	70.852	17.303	159.602	40903.219	47952.977	31.43	32.608	24.448	1.023
11/4/2017 19:30	250200	70.854	17.304	159.605	40930.328	47983.527	31.452	32.629	24.432	1.023
11/4/2017 19:45	251100	70.845	17.312	159.586	40978.234	48031.238	31.488	32.661	24.403	1.023
11/4/2017 20:00	252000	70.843	17.304	159.582	40916.078	47966.547	31.44	32.617	24.44	1.023
11/4/2017 20:15	252900	70.836	17.316	159.565	40951.52	47996.082	31.462	32.637	24.419	1.023
11/4/2017 20:30	253800	70.838	17.307	159.57	40904.699	47949.93	31.428	32.606	24.447	1.023
11/4/2017 20:45	254700	70.822	17.309	159.534	40939.188	47988.945	31.457	32.632	24.426	1.023
11/4/2017 21:00	255600	70.838	17.313	159.57	40946.086	47992.152	31.459	32.635	24.422	1.023
11/4/2017 21:15	256500	70.845	17.306	159.585	40941.848	47995.066	31.461	32.637	24.425	1.023
11/4/2017 21:30	257400	70.822	17.31	159.534	40931.563	47978.879	31.449	32.626	24.431	1.023
11/4/2017 21:45	258300	70.833	17.308	159.558	40962.133	48016.785	31.477	32.651	24.413	1.023
11/4/2017 22:00	259200	70.852	17.309	159.601	40951.707	48002.969	31.467	32.642	24.419	1.023
11/4/2017 22:15	260100	70.854	17.304	159.606	40927.914	47981.172	31.451	32.627	24.433	1.023
11/4/2017 22:30	261000	70.861	17.308	159.621	40964.152	48018.488	31.478	32.653	24.412	1.023
11/4/2017 22:45	261900	70.862	17.308	159.623	40952.766	48005.992	31.469	32.644	24.418	1.023
11/4/2017 23:00	262800	70.878	17.312	159.66	40947.543	47995.641	31.462	32.637	24.421	1.023
11/4/2017 23:15	263700	70.883	17.31	159.671	40956.496	48007.637	31.47	32.645	24.416	1.023
11/4/2017 23:30	264600	70.895	17.313	159.698	40936.027	47980.551	31.451	32.627	24.428	1.023
11/4/2017 23:45	265500	70.896	17.306	159.699	40915.52	47963.734	31.438	32.615	24.441	1.023
11/5/2017 0:00	266400	70.908	17.309	159.727	40943.012	47992.863	31.46	32.635	24.424	1.023
11/5/2017 0:15	267300	70.907	17.305	159.725	40926.543	47978.152	31.449	32.625	24.434	1.023
11/5/2017 0:30	268200	70.91	17.307	159.732	40949.313	48002.496	31.466	32.642	24.42	1.023
11/5/2017 0:45	269100	70.901	17.305	159.71	40950.379	48006.199	31.469	32.644	24.42	1.023
11/5/2017 1:00	270000	70.903	17.308	159.717	40947.453	47999.203	31.464	32.639	24.422	1.023
11/5/2017 1:15	270900	70.913	17.309	159.737	40954.977	48006.887	31.47	32.645	24.417	1.023
11/5/2017 1:30	271800	70.93	17.308	159.777	40941.445	47992.246	31.459	32.635	24.425	1.023
11/5/2017 1:45	272700	70.924	17.308	159.764	40911.559	47957.406	31.434	32.611	24.443	1.023
11/5/2017 2:00	273600	70.939	17.304	159.798	40980.777	48042.77	31.496	32.669	24.402	1.023
11/5/2017 2:15	274500	70.948	17.307	159.818	40913.754	47961.379	31.436	32.614	24.442	1.023
11/5/2017 2:30	275400	70.945	17.315	159.812	40932.996	47975.402	31.447	32.623	24.43	1.023
11/5/2017 2:45	276300	70.93	17.308	159.777	40971.367	48027.234	31.485	32.659	24.407	1.023
11/5/2017 2:00	277200	70.941	17.302	159.801	40927.945	47983.176	31.452	32.629	24.433	1.023
11/5/2017 2:15	278100	70.939	17.302	159.796	40960.086	48020.195	31.479	32.654	24.414	1.023
11/5/2017 2:30	279000	70.946	17.303	159.813	40971.844	48033.051	31.489	32.662	24.407	1.023
11/5/2017 2:45	279900	70.945	17.3	159.81	40901.859	47954.188	31.431	32.609	24.449	1.023
11/5/2017 3:00	280800	70.919	17.31	159.752	40961.582	48013.688	31.475	32.649	24.413	1.023
11/5/2017 3:15	281700	70.934	17.312	159.785	40962.348	48012.996	31.474	32.649	24.413	1.023
11/5/2017 3:30	282600	70.93	17.313	159.777	40981.668	48034.141	31.49	32.663	24.401	1.023
11/5/2017 3:45	283500	70.93	17.309	159.777	40948.348	47999.684	31.465	32.64	24.421	1.023
11/5/2017 4:00	284400	70.93	17.311	159.776	40953.887	48003.453	31.467	32.642	24.418	1.023
11/5/2017 4:15	285300	70.926	17.312	159.768	40933.535	47978.559	31.449	32.625	24.43	1.023
11/5/2017 4:30	286200	70.918	17.306	159.749	40938.016	47990.484	31.458	32.634	24.427	1.023
11/5/2017 4:45	287100	70.918	17.308	159.749	40979.363	48037.074	31.492	32.665	24.403	1.023
11/5/2017 5:00	288000	70.903	17.304	159.715	40948.707	48005.641	31.469	32.644	24.421	1.023
11/5/2017 5:15	288900	70.897	17.309	159.702	40951.316	48003.066	31.467	32.642	24.419	1.023
11/5/2017 5:30	289800	70.911	17.306	159.734	40951.84	48006.215	31.469	32.644	24.419	1.023

11/6/2017 4:00	370800	70.939	17.299	159.797	40949.887	48011.723	31.473	32.648	24.42	1.023
11/6/2017 4:15	371700	70.94	17.307	159.798	40970.934	48028.219	31.485	32.659	24.408	1.023
11/6/2017 4:30	372600	70.955	17.306	159.834	41004.395	48067.918	31.514	32.686	24.388	1.023
11/6/2017 4:45	373500	70.947	17.306	159.815	40971.668	48030.023	31.487	32.66	24.407	1.023
11/6/2017 5:00	374400	70.93	17.306	159.778	40948.352	48002.223	31.466	32.642	24.421	1.023
11/6/2017 5:15	375300	70.93	17.299	159.776	40910.16	47965.418	31.439	32.616	24.444	1.023
11/6/2017 5:30	376200	70.942	17.309	159.804	40949.141	48000.234	31.465	32.64	24.421	1.023
11/6/2017 5:45	377100	70.94	17.306	159.799	40943.766	47997.395	31.463	32.638	24.424	1.023
11/6/2017 6:00	378000	70.935	17.314	159.788	40961.199	48008.926	31.472	32.646	24.413	1.023
11/6/2017 6:15	378900	70.943	17.303	159.806	40964.598	48024.367	31.482	32.657	24.411	1.023
11/6/2017 6:30	379800	70.927	17.314	159.769	40974.406	48024.504	31.483	32.657	24.405	1.023
11/6/2017 6:45	380700	70.947	17.311	159.815	40959.141	48010.172	31.472	32.647	24.415	1.023
11/6/2017 7:00	381600	70.949	17.308	159.82	40956.391	48009.766	31.472	32.647	24.416	1.023
11/6/2017 7:15	382500	70.933	17.309	159.782	40927.043	47974.613	31.446	32.623	24.434	1.023
11/6/2017 7:30	383400	70.949	17.307	159.82	40947.754	48000.855	31.465	32.641	24.421	1.023
11/6/2017 7:45	384300	70.955	17.309	159.834	40939.246	47989.203	31.457	32.633	24.426	1.023
11/6/2017 8:00	385200	70.955	17.305	159.833	40975.25	48035.547	31.491	32.664	24.405	1.023
11/6/2017 8:15	386100	70.959	17.31	159.842	40977.949	48033.16	31.489	32.663	24.403	1.023
11/6/2017 8:30	387000	70.969	17.305	159.864	40971.566	48030.469	31.487	32.661	24.407	1.023
11/6/2017 8:45	387900	70.978	17.312	159.885	40950.77	47999.137	31.464	32.639	24.42	1.023
11/6/2017 9:00	388800	70.991	17.306	159.914	40942.617	47995.691	31.461	32.637	24.424	1.023
11/6/2017 9:15	389700	70.988	17.306	159.906	40983.805	48044.063	31.497	32.67	24.4	1.023
11/6/2017 9:30	390600	70.98	17.307	159.89	40971.352	48027.969	31.485	32.659	24.407	1.023
11/6/2017 9:45	391500	70.988	17.303	159.908	40965.965	48026.25	31.484	32.658	24.411	1.023
11/6/2017 10:00	392400	71.013	17.313	159.964	40995.965	48050.996	31.502	32.675	24.393	1.023
11/6/2017 10:15	393300	71.012	17.306	159.961	40948.18	48002.398	31.466	32.642	24.421	1.023
11/6/2017 10:30	394200	71.035	17.31	160.013	40953.848	48004.621	31.468	32.643	24.418	1.023
11/6/2017 10:45	395100	71.049	17.309	160.045	40962.18	48015.434	31.476	32.65	24.413	1.023
11/6/2017 11:00	396000	71.054	17.312	160.056	40946.414	47993.844	31.46	32.636	24.422	1.023
11/6/2017 11:15	396900	71.066	17.308	160.084	40915.762	47962.332	31.437	32.614	24.44	1.023
11/6/2017 11:30	397800	71.06	17.305	160.07	40913.809	47962.762	31.437	32.615	24.442	1.023
11/6/2017 11:45	398700	71.06	17.306	160.07	40939.145	47992.273	31.459	32.635	24.427	1.023
11/6/2017 12:00	399600	71.083	17.31	160.121	40916.426	47960.57	31.436	32.613	24.44	1.023
11/6/2017 12:15	400500	71.085	17.304	160.126	40948.465	48004.516	31.468	32.643	24.421	1.023
11/6/2017 12:30	401400	71.08	17.306	160.115	40918.406	47967.496	31.441	32.618	24.439	1.023
11/6/2017 12:45	402300	71.099	17.309	160.158	40967.801	48022.109	31.481	32.655	24.409	1.023
11/6/2017 13:00	403200	71.102	17.307	160.164	40927.051	47976.508	31.447	32.624	24.434	1.023
11/6/2017 13:15	404100	71.107	17.311	160.175	40959.719	48010.852	31.473	32.647	24.414	1.023
11/6/2017 13:30	405000	71.087	17.303	160.131	40937.648	47993.242	31.459	32.635	24.427	1.023
11/6/2017 13:45	405900	71.102	17.301	160.164	40936.316	47993.836	31.46	32.636	24.428	1.023
11/6/2017 14:00	406800	71.104	17.297	160.168	40961.574	48028.23	31.485	32.659	24.413	1.023
11/6/2017 14:15	407700	71.099	17.31	160.158	40976.016	48030.797	31.487	32.661	24.405	1.023
11/6/2017 14:30	408600	71.098	17.309	160.156	40959.059	48012.238	31.474	32.648	24.415	1.023
11/6/2017 14:45	409500	71.083	17.306	160.122	40942.957	47996.09	31.462	32.637	24.424	1.023
11/6/2017 15:00	410400	71.088	17.305	160.132	40967.234	48026.148	31.484	32.658	24.41	1.023
11/6/2017 15:15	411300	71.075	17.311	160.103	40963.156	48014.777	31.476	32.65	24.412	1.023
11/6/2017 15:30	412200	71.054	17.309	160.055	40952.414	48004.449	31.468	32.643	24.419	1.023
11/6/2017 15:45	413100	71.054	17.303	160.056	40933.723	47988.172	31.456	32.632	24.43	1.023
11/6/2017 16:00	414000	71.046	17.306	160.037	40937.207	47989.059	31.457	32.633	24.428	1.023
11/6/2017 16:15	414900	71.037	17.311	160.019	40963.156	48014.777	31.476	32.65	24.412	1.023
11/6/2017 16:30	415800	71.025	17.311	159.99	41000.797	48059	31.508	32.68	24.39	1.023
11/6/2017 16:45	416700	71.009	17.313	159.955	40971.148	48021.34	31.481	32.655	24.407	1.023
11/6/2017 17:00	417600	71	17.308	159.934	40939.699	47990.488	31.458	32.634	24.426	1.023
11/6/2017 17:15	418500	70.983	17.304	159.896	40947.266	48003.574	31.467	32.642	24.422	1.023
11/6/2017 17:30	419400	70.977	17.304	159.882	40938.23	47992.891	31.459	32.635	24.427	1.023
11/6/2017 17:45	420300	70.94	17.308	159.8	40925.469	47973.52	31.445	32.622	24.435	1.023
11/6/2017 18:00	421200	70.927	17.303	159.769	40958.332	48017.113	31.477	32.652	24.415	1.023
11/6/2017 18:15	422100	70.934	17.307	159.786	41014.121	48078.285	31.522	32.693	24.382	1.023
11/6/2017 18:30	423000	70.919	17.31	159.753	40923.18	47969.242	31.442	32.619	24.436	1.023
11/6/2017 18:45	423900	70.911	17.311	159.735	40945.324	47993.23	31.46	32.635	24.423	1.023
11/6/2017 19:00	424800	70.902	17.307	159.713	40962.598	48018.176	31.478	32.652	24.413	1.023
11/6/2017 19:15	425700	70.878	17.311	159.66	40984.035	48039.063	31.493	32.667	24.4	1.023
11/6/2017 19:30	426600	70.87	17.308	159.641	40971.063	48026.879	31.484	32.658	24.407	1.023
11/6/2017 19:45	427500	70.856	17.302	159.609	40952.516	48011.32	31.473	32.648	24.419	1.023
11/6/2017 20:00	428400	70.874	17.304	159.651	40963.34	48022.328	31.481	32.655	24.412	1.023
11/6/2017 20:15	429300	70.845	17.295	159.584	40910.711	47970.477	31.442	32.62	24.443	1.023
11/6/2017 20:30	430200	70.861	17.307	159.62	40925.652	47974.949	31.446	32.623	24.435	1.023
11/6/2017 20:45	431100	70.837	17.301	159.567	40914.738	47968.074	31.441	32.618	24.441	1.023
11/6/2017 21:00	432000	70.846	17.3	159.587	40912.922	47967.156	31.44	32.618	24.442	1.023
11/6/2017 21:15	432900	70.851	17.297	159.599	40963.574	48029.742	31.486	32.66	24.412	1.023
11/6/2017 21:30	433800	70.838	17.304	159.57	40986.184	48049.109	31.5	32.673	24.398	1.023
11/6/2017 21:45	434700	70.848	17.304	159.592	40913.473	47963.492	31.438	32.615	24.442	1.023
11/6/2017 22:00	435600	70.853	17.303	159.603	40904.254	47953.621	31.431	32.608	24.447	1.023
11/6/2017 22:15	436500	70.838	17.308	159.57	40961.664	48016.426	31.477	32.651	24.413	1.023
11/6/2017 22:30	437400	70.854	17.309	159.606	40936.094	47984.855	31.454	32.63	24.428	1.023
11/6/2017 22:45	438300	70.863	17.306	159.625	40950.852	48005.055	31.468	32.643	24.42	1.023
11/6/2017 23:00	439200	70.866	17.3	159.632	40948.199	48008.801	31.471	32.646	24.421	1.023
11/6/2017 23:15	440100	70.871	17.313	159.644	40922.82	47964.789	31.439	32.616	24.436	1.023
11/6/2017 23:30	441000	70.858	17.3	159.614	40950.141	48011.543	31.473	32.648	24.42	1.023
11/6/2017 23:45	441900	70.88	17.307	159.663	40947.914	48001.234	31.466	32.641	24.421	1.023
11/7/2017 0:00	442800	70.886	17.309	159.678	40906.438	47950.18	31.428	32.606	24.446	1.023
11/7/2017 0:15	443700	70.879	17.304	159.663	40940.094	47995.355	31.461	32.637	24.426	1.023
11/7/2017 0:30	444600	70.886	17.309	159.677	40978.77	48034.59	31.49	32.664	24.403	1.023
11/7/2017 0:45	445500	70.918	17.304	159.749	40937.66	47992.5	31.459	32.635	24.427	1.023
11/7/2017 1:00	446400	70.918	17.305	159.749	40959.031	48016.426	31.477	32.651	24.415	1.023
11/7/2017 1:15	447300	70.914	17.307	159.741	40975.609	48033.055	31.489	32.662	24.405	1.023
11/7/2017 1:30	448200	70.929	17.311	159.775	40940.719	47988.766	31.457	32.632	24.426	1.023
11/7/2017 1:45	449100	70.94	17.305	159.796	40937.254	47990.141	31.457	32.633	24.428	1.023
11/7/2017 2:00	450000	70.94	17.311	159.8	40967.16	48018.914	31.479	32.653	24.41	1.023
11/7/2017 2:15	450900									

11/8/2017 0:30	531000	70.846	17.304	159.588	40967.574	48027.668	31.485	32.659	24.41	1.023
11/8/2017 0:45	531900	70.873	17.301	159.648	40962.641	48024.512	31.482	32.657	24.412	1.023
11/8/2017 1:00	532800	70.88	17.305	159.663	40956.844	48013.211	31.474	32.649	24.416	1.023
11/8/2017 1:15	533700	70.872	17.305	159.646	40969.215	48027.797	31.485	32.659	24.409	1.023
11/8/2017 1:30	534600	70.88	17.298	159.663	40957.152	48022.023	31.48	32.655	24.416	1.023
11/8/2017 1:45	535500	70.901	17.306	159.712	40940.129	47992.961	31.459	32.635	24.426	1.023
11/8/2017 2:00	536400	70.902	17.307	159.714	40934.223	47984.445	31.453	32.629	24.429	1.023
11/8/2017 2:15	537300	70.916	17.314	159.745	40957.391	48004.652	31.468	32.643	24.416	1.023
11/8/2017 2:30	538200	70.922	17.302	159.759	40933.203	47989.531	31.457	32.633	24.43	1.023
11/8/2017 2:45	539100	70.931	17.307	159.78	40951.426	48005.352	31.469	32.644	24.419	1.023
11/8/2017 3:00	540000	70.934	17.304	159.785	40942.047	47996.988	31.462	32.638	24.425	1.023
11/8/2017 3:15	540900	70.941	17.309	159.801	40976.496	48032.301	31.488	32.662	24.404	1.023
11/8/2017 3:30	541800	70.935	17.307	159.789	40922.555	47971.047	31.444	32.62	24.436	1.023
11/8/2017 3:45	542700	70.94	17.307	159.798	41020.398	48086.012	31.528	32.698	24.378	1.023
11/8/2017 4:00	543600	70.959	17.304	159.842	40931.84	47985.586	31.454	32.63	24.431	1.023
11/8/2017 4:15	544500	70.967	17.312	159.86	40947.859	47995.18	31.461	32.637	24.421	1.023
11/8/2017 4:30	545400	70.971	17.307	159.87	40929.586	47979.102	31.449	32.626	24.432	1.023
11/8/2017 4:45	546300	70.964	17.299	159.854	40958.371	48021.672	31.48	32.655	24.415	1.023
11/8/2017 5:00	547200	70.956	17.303	159.834	40940.195	47995.852	31.461	32.637	24.426	1.023
11/8/2017 5:15	548100	70.966	17.311	159.858	40955.055	48004.824	31.468	32.643	24.417	1.023
11/8/2017 5:30	549000	70.956	17.3	159.835	40913.387	47967.512	31.441	32.618	24.442	1.023
11/8/2017 5:45	549900	70.975	17.301	159.878	40999.836	48068.398	31.514	32.687	24.39	1.023
11/8/2017 6:00	550800	70.977	17.312	159.882	40988.918	48044.23	31.497	32.67	24.397	1.023
11/8/2017 6:15	551700	70.967	17.3	159.861	40945.125	48005.008	31.468	32.643	24.423	1.023
11/8/2017 6:30	552600	70.967	17.305	159.861	40940.848	47994.352	31.46	32.636	24.425	1.023
11/8/2017 6:45	553500	70.971	17.312	159.869	40978.598	48031.477	31.488	32.661	24.403	1.023
11/8/2017 7:00	554400	70.961	17.303	159.847	41000.227	48066.895	31.513	32.685	24.39	1.023
11/8/2017 7:15	555300	70.977	17.308	159.882	40972.887	48029.203	31.486	32.66	24.406	1.023
11/8/2017 7:30	556200	70.961	17.3	159.846	40953.73	48014.906	31.475	32.65	24.418	1.023
11/8/2017 7:45	557100	70.976	17.302	159.881	40938.344	47994.625	31.46	32.636	24.427	1.023
11/8/2017 8:00	558000	70.969	17.304	159.865	40930.289	47983.77	31.453	32.629	24.432	1.023
11/8/2017 8:15	558900	70.967	17.31	159.861	40953.957	48004.375	31.468	32.643	24.418	1.023
11/8/2017 8:30	559800	70.971	17.307	159.868	40941.879	47994.266	31.46	32.636	24.425	1.023
11/8/2017 8:45	560700	70.961	17.311	159.846	40982.137	48036.469	31.492	32.665	24.401	1.023
11/8/2017 9:00	561600	70.975	17.307	159.877	40944.719	47996.844	31.462	32.638	24.423	1.023
11/8/2017 9:15	562500	70.962	17.302	159.848	40947.723	48005.996	31.469	32.644	24.421	1.023
11/8/2017 9:30	563400	70.979	17.302	159.888	40986.289	48051.293	31.502	32.675	24.398	1.023
11/8/2017 9:45	564300	70.964	17.306	159.853	40945.324	47999.516	31.464	32.64	24.423	1.023
11/8/2017 10:00	565200	70.988	17.31	159.907	40985.141	48041.301	31.495	32.668	24.399	1.023
11/8/2017 10:15	566100	70.99	17.309	159.912	40951.688	48003.133	31.467	32.642	24.419	1.023
11/8/2017 10:30	567000	71.003	17.311	159.94	40945.527	47993.848	31.46	32.636	24.423	1.023
11/8/2017 10:45	567900	71.01	17.304	159.956	40966.266	48025.945	31.483	32.658	24.41	1.023
11/8/2017 11:00	568800	70.994	17.301	159.92	40977.453	48041.688	31.495	32.668	24.404	1.023
11/8/2017 11:15	569700	71.021	17.306	159.982	40929.938	47981.184	31.451	32.627	24.432	1.023
11/8/2017 11:30	570600	71.021	17.301	159.983	40965.27	48027.594	31.484	32.659	24.411	1.023
11/8/2017 11:45	571500	71.024	17.315	159.988	40946.391	47990.16	31.458	32.633	24.422	1.023
11/8/2017 12:00	572400	71.025	17.306	159.99	40967.16	48024.172	31.482	32.656	24.41	1.023
11/8/2017 12:15	573300	71.046	17.304	160.038	40935.52	47990.18	31.457	32.633	24.429	1.023
11/8/2017 12:30	574200	71.047	17.304	160.041	40966.547	48025.988	31.483	32.658	24.41	1.023
11/8/2017 12:45	575100	71.061	17.311	160.071	40987.828	48043.984	31.497	32.67	24.397	1.023
11/8/2017 13:00	576000	71.065	17.309	160.081	40937.953	47987.5	31.456	32.632	24.427	1.023
11/8/2017 13:15	576900	71.071	17.306	160.094	40950.109	48004.832	31.468	32.643	24.42	1.023
11/8/2017 13:30	577800	71.072	17.304	160.098	40948.758	48004.945	31.468	32.643	24.421	1.023
11/8/2017 13:45	578700	71.088	17.306	160.133	40968.273	48025.574	31.483	32.657	24.409	1.023
11/8/2017 14:00	579600	71.086	17.307	160.128	40936.477	47987.18	31.455	32.631	24.428	1.023
11/8/2017 14:15	580500	71.081	17.302	160.118	40963.402	48024.27	31.482	32.657	24.412	1.023
11/8/2017 14:30	581400	71.095	17.304	160.149	40977.484	48038.91	31.493	32.666	24.404	1.023
11/8/2017 14:45	582300	71.089	17.314	160.134	40989.871	48042.82	31.496	32.669	24.396	1.023
11/8/2017 15:00	583200	71.082	17.297	160.12	40994.176	48066.457	31.513	32.685	24.394	1.023
11/8/2017 15:15	584100	71.097	17.305	160.153	40964.102	48022.664	31.481	32.655	24.412	1.023
11/8/2017 15:30	585000	71.098	17.302	160.154	40988.453	48054.207	31.504	32.677	24.397	1.023
11/8/2017 15:45	585900	71.078	17.305	160.111	40945.156	47999.781	31.464	32.64	24.423	1.023
11/8/2017 16:00	586800	71.088	17.3	160.133	40977.5	48043.246	31.496	32.669	24.404	1.023
11/8/2017 16:15	587700	71.083	17.304	160.121	40949.586	48006.672	31.469	32.645	24.42	1.023
11/8/2017 16:30	588600	71.085	17.31	160.127	40963.617	48016.266	31.477	32.651	24.412	1.023
11/8/2017 16:45	589500	71.072	17.306	160.097	40924.578	47975.195	31.446	32.623	24.435	1.023
11/8/2017 17:00	590400	71.069	17.305	160.091	40968.793	48027.785	31.485	32.659	24.409	1.023
11/8/2017 17:15	591300	71.039	17.309	160.022	41004.773	48065.359	31.513	32.684	24.387	1.023
11/8/2017 17:30	592200	71.037	17.309	160.017	40971.813	48027.191	31.485	32.658	24.407	1.023
11/8/2017 17:45	593100	71.037	17.309	160.019	40953.293	48005.668	31.469	32.644	24.418	1.023
11/8/2017 18:00	594000	71.027	17.307	159.995	40963.711	48019.48	31.479	32.653	24.412	1.023
11/8/2017 18:15	594900	71.013	17.307	159.964	40990.746	48051.172	31.502	32.675	24.396	1.023
11/8/2017 18:30	595800	70.989	17.309	159.909	40981.688	48038.855	31.493	32.666	24.401	1.023
11/8/2017 18:45	596700	70.99	17.311	159.912	40916.703	47960.25	31.436	32.613	24.44	1.023
11/8/2017 19:00	597600	70.987	17.304	159.906	40956.961	48014.473	31.475	32.65	24.416	1.023
11/8/2017 19:15	598500	70.966	17.307	159.858	40967.219	48023.219	31.482	32.656	24.41	1.023
11/8/2017 19:30	599400	70.955	17.309	159.832	40946.379	47997.188	31.463	32.638	24.422	1.023
11/8/2017 19:45	600300	70.928	17.309	159.772	40961.621	48015.145	31.476	32.65	24.413	1.023
11/8/2017 20:00	601200	70.939	17.307	159.798	40958.844	48014.152	31.475	32.65	24.415	1.023
11/8/2017 20:15	602100	70.928	17.309	159.772	40953.609	48005.473	31.469	32.644	24.418	1.023
11/8/2017 20:30	603000	70.901	17.31	159.712	41009.641	48070.398	31.516	32.688	24.385	1.023
11/8/2017 20:45	603900	70.917	17.311	159.748	40959.816	48010.785	31.473	32.647	24.414	1.023
11/8/2017 21:00	604800	70.901	17.31	159.712	40954.941	48005.902	31.469	32.644	24.417	1.023
11/8/2017 21:15	605700	70.879	17.313	159.662	40989.387	48043.375	31.497	32.669	24.397	1.023
11/8/2017 21:30	606600	70.871	17.307	159.643	40969.395	48026.605	31.484	32.658	24.408	1.023
11/8/2017 21:45	607500	70.875	17.304	159.654	41000.039	48064.977	31.512	32.684	24.39	1.023
11/8/2017 22:00	608400	70.874	17.303	159.65	40940.516	47996.512	31.462	32.638	24.426	1.023
11/8/2017 22:15	609300	70.87	17.307	159.641	40955.566	48009.746	31.472	32.647	24.417	1.023
11/8/2017 22:30	610200	70.866	17.313	159.632	41019.176	48078.293	31.522	32.693	24.379	1.023
11/8/2017										

Report Date: 11/10/2017 8:43
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_2017-11-09_13-46-49-092-BaroMerge.wsl
Create Date 11/10/2017 8:36

Device Properties
Device Aqua TROLL 200
Site MPWSP MW-85
Device Name
Serial Number 428966
Firmware Version 2
Hardware Version 3
Device Address 1
Device Comm Cfg 19200 8 Even 1 (Modbus-RTU)
Used Memory 3
Used Battery 2

Log Configuration
Log Name MPWSP MW-85 LT Test
Created By KMakar
Computer Name PROBOOK10
Application WinSitu.exe
Application Version 5.6.25.0
Create Date 1/15/2016 9:06:50 AM Pacific Standard Time
Log Setup Time Zone Pacific Standard Time
Notes Size(bytes) 4096
Overwrite when full Enabled
Scheduled Start Time 1/15/2016 9:15:00 AM Pacific Standard Time
Scheduled Stop Time No Stop Time
Type Linear
Interval Days: 0 hrs: 00 mins: 15 secs: 00

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

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

Log Notes:
Date and Time Note
1/15/2016 9:07 Used Battery: 2% Used Memory: 6% User Name: KMakar
1/21/2016 9:00 Log Download - Used Battery: 2% Used Memory: 3% User Name: KMakar
1/28/2016 9:25 Log Download - Used Battery: 2% Used Memory: 3% User Name: KMakar Interval - Start Time: 1/18/2016 11:45:00 AM Stop Time: 1/28/2016 9:15:00 AM
2/4/2016 10:20 Log Download - Used Battery: 3% Used Memory: 4% User Name: CShaw Interval - Start Time: 1/15/2016 9:15:00 AM Stop Time: 2/4/2016 10:15:00 AM
2/11/2016 10:08 Log Download - Used Battery: 3% Used Memory: 6% User Name: CShaw Interval - Start Time: 2/2/2016 2:30:00 PM Stop Time: 2/11/2016 11:00:00 AM
2/18/2016 11:29 Log Download - Used Battery: 3% Used Memory: 6% User Name: CShaw Interval - Start Time: 2/4/2016 3:00:00 AM Stop Time: 2/18/2016 12:00:00 PM
2/25/2016 10:53 Log Download - Used Battery: 4% Used Memory: 7% User Name: KMakar Interval - Start Time: 2/15/2016 5:30:00 PM Stop Time: 2/25/2016 10:45:00 AM
3/3/2016 12:57 Log Download - Used Battery: 4% Used Memory: 7% User Name: SKuiper Interval - Start Time: 1/31/2016 12:00:01 AM Stop Time: 3/3/2016 1:45:00 PM
3/10/2016 14:40 Log Download - Used Battery: 7% Used Memory: 14% User Name: KMakar Interval - Start Time: 3/1/2016 12:00:00 PM Stop Time: 3/10/2016 2:30:00 PM
3/17/2016 12:40 Log Download - Used Battery: 5% Used Memory: 9% User Name: SKuiper Interval - Start Time: 3/8/2016 12:00:01 AM Stop Time: 3/17/2016 1:30:00 PM
3/24/2016 9:01 Log Download - Used Battery: 5% Used Memory: 10% User Name: KMakar Interval - Start Time: 3/15/2016 12:00:00 PM Stop Time: 3/24/2016 9:00:00 AM
3/31/2016 15:14 Log Download - Used Battery: 6% Used Memory: 10% User Name: SKuiper Interval - Start Time: 3/22/2016 12:00:00 PM Stop Time: 3/31/2016 4:00:00 PM
4/7/2016 9:43 Log Download - Used Battery: 6% Used Memory: 12% User Name: KMakar Interval - Start Time: 2/29/2016 5:00:00 PM Stop Time: 4/7/2016 9:45:00 AM
4/14/2016 15:18 Log Download - Used Battery: 6% Used Memory: 12% User Name: SKuiper Interval - Start Time: 4/5/2016 12:00:00 PM Stop Time: 4/14/2016 4:15:00 PM
4/21/2016 13:31 Log Download - Used Battery: 7% Used Memory: 14% User Name: ELinden Interval - Start Time: 4/12/2016 1:30:00 PM Stop Time: 4/21/2016 2:30:00 PM
4/28/2016 8:25 Log Download - Used Battery: 7% Used Memory: 14% User Name: KMakar Interval - Start Time: 4/19/2016 5:00:00 PM Stop Time: 4/28/2016 8:15:00 AM
5/5/2016 9:32 Log Download - Used Battery: 7% Used Memory: 15% User Name: SKuiper Interval - Start Time: 3/31/2016 12:00:00 PM Stop Time: 5/5/2016 10:15:00 AM
5/12/2016 10:18 Log Download - Used Battery: 8% Used Memory: 15% User Name: SKuiper Interval - Start Time: 5/3/2016 12:00:00 PM Stop Time: 5/12/2016 10:15:00 AM
5/19/2016 14:12 Log Download - Used Battery: 8% Used Memory: 17% User Name: ELinden Interval - Start Time: 5/10/2016 12:00:00 PM Stop Time: 5/19/2016 3:00:00 PM
5/26/2016 9:07 Log Download - Used Battery: 8% Used Memory: 17% User Name: SKuiper Interval - Start Time: 5/17/2016 6:00:00 PM Stop Time: 5/26/2016 9:00:00 AM
6/2/2016 11:47 Log Download - Used Battery: 9% Used Memory: 18% User Name: SKuiper Interval - Start Time: 6/20/2016 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 8:15:00 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: 3/2/2017 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
11/10/2017 8:36 User Note: "Pressure & Level adjusted by baro data from: "MPWSP Barotroll_2017-11-09_18-08-51-172.wsl""

Log Data:
Record Count 740

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

Time Zone: Pacific Daylight Time/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: PCTD(A) 197.3ft	Sensor: PCTD(A) 197.3ft	Sensor: Baro-Adj Calc
		SNR: 428966	SNR: 428966	SNR: 428966	SNR: 428966	SNR: 428966	SNR: 428966	SNR: 428966	SNR: 428966	SNR: 428966	SNR: 000000
		Corrected	Corrected	Corrected	Corrected	Corrected	Corrected	Corrected	Corrected	Corrected	Corrected
		Pressure (PSI)	Temperature (C)	Depth (ft)	Actual Conductivity (µS/cm)	Specific Conductivity (µS/cm)	Salinity (PSU)	Total Dissolved Solids (ppm)	Resistivity (ohm-cm)	Water Density (g/cm3)	Barometric Pressure (PSI)
11/2/2017 0:00	7200	19829	16.097	45.197	695.237	837.682	0.414	569.624	1438.359	0.999	14.716
11/2/2017 0:15	8100	19822	16.097	45.181	695.185	837.614	0.414	569.578	1438.466	0.999	14.716
11/2/2017 0:30	9000	19819	16.097	45.174	695.121	837.547	0.414	569.532	1438.598	0.999	14.726
11/2/2017 0:45	9900	19831	16.098	45.201	695.263	837.703	0.414	569.638	1438.304	0.999	14.712
11/2/2017 1:00	10800	19826	16.097	45.19	695.158	837.581	0.414	569.555	1438.522	0.999	14.719
11/2/2017 1:15	11700	19821	16.097	45.178	695.193	837.635	0.414	569.592	1438.449	0.999	14.719
11/2/2017 1:30	12600	19821	16.097	45.179	695.165	837.598	0.414	569.567	1438.508	0.999	14.724
11/2/2017 1:45	13500	19824	16.098	45.186	695.161	837.58	0.414	569.554	1438.516	0.999	14.715
11/2/2017 2:00	14400	19825	16.097	45.188	695.109	837.525	0.414	569.517	1438.624	0.999	14.722
11/2/2017 2:15	15300	19824	16.097	45.185	695.153	837.573	0.414	569.55	1438.533	0.999	14.72
11/2/2017 2:30	16200	19823	16.097	45.182	694.953	837.338	0.414	569.39	1438.946	0.999	14.716
11/2/2017 2:45	17100	19837	16.097	45.214	695.2	837.641	0.414	569.596	1438.434	0.999	14.718
11/2/2017 3:00	18000	19818	16.097	45.172	695.131	837.55	0.414	569.534	1438.578	0.999	14.723
11/2/2017 3:15	18900	19825	16.097	45.187	695.168	837.598	0.414	569.567	1438.502	0.999	14.722
11/2/2017 3:30	19800	19821	16.097	45.178	695.14	837.558	0.414	569.54	1438.558	0.999	14.724
11/2/2017 3:45	20700	19818	16.098	45.172	695.16	837.579	0.414	569.554	1438.518	0.999	14.721
11/2/2017 4:00	21600	19823	16.097	45.182	695.182	837.61	0.414	569.575	1438.473	0.999	14.719
11/2/2017 4:15	22500	19821	16.097	45.178	695.132	837.557	0.414	569.539	1438.575	0.999	14.718
11/2/2017 4:30	23400	19834	16.097	45.208	695.003	837.395	0.414	569.428	1438.843	0.999	14.729
11/2/2017 4:45	24300	19819	16.098	45.174	695.144	837.554	0.414	569.537	1438.551	0.999	14.722
11/2/2017 5:00	25200	19827	16.098	45.191	695.215	837.644	0.414	569.598	1438.405	0.999	14.714
11/2/2017 5:15	26100	19821	16.097	45.177	695.023	837.429	0.414	569.452	1438.801	0.999	14.72
11/2/2017 5:30	27000	19825	16.097	45.187	695.21	837.649	0.414	569.601	1438.415	0.999	14.722
11/2/2017 5:45	27900	19823	16.097	45.183	695.068	837.475	0.414	569.483	1438.708	0.999	14.721
11/2/2017 6:00	28800	19827	16.097	45.191	695.027	837.429	0.414	569.452	1438.793	0.999	14.717
11/2/2017 6:15	29700	19828	16.097	45.194	695.084	837.496	0.414	569.497	1438.674	0.999	14.723
11/2/2017 6:30	30600	19833	16.097	45.205	695.073	837.49	0.414	569.494	1438.698	0.999	14.72
11/2/2017 6:45	31500	19831	16.096	45.202	694.986	837.391	0.414	569.426	1438.878	0.999	14.725
11/2/2017 7:00	32400	1983	16.097	45.198	695.106	837.524	0.414	569.517	1438.629	0.999	14.729
11/2/2017 7:15	33300	19828	16.097	45.194	695.08	837.484	0.414	569.489	1438.684	0.999	14.725
11/2/2017 7:30	34200	1983	16.097	45.2	695.011	837.404	0.414	569.435	1438.827	0.999	14.731
11/2/2017 7:45	35100	1983	16.098	45.199	695.12	837.525	0.414	569.517	1438.601	0.999	14.729
11/2/2017 8:00	36000	19817	16.098	45.168	695.03	837.42	0.414	569.445	1438.787	0.999	14.737
11/2/2017 8:15	36900	19826	16.097	45.19	695.008	837.407	0.414	569.437	1438.833	0.999	14.736
11/2/2017 8:30	37800	19828	16.097	45.195	695.05	837.448	0.414	569.465	1438.745	0.999	14.74
11/2/2017 8:45	38700	1983	16.097	45.198	695.182	837.61	0.414	569.575	1438.473	0.999	14.742
11/2/2017 9:00	39600	19819	16.097	45.173	695.032	837.435	0.414	569.456	1438.783	0.999	14.749
11/2/2017 9:15	40500	19827	16.098	45.192	694.975	837.356	0.414	569.402	1438.901	0.999	14.747
11/2/2017 9:30	41400	19824	16.097	45.186	695.078	837.495	0.414	569.496	1438.688	0.999	14.744
11/2/2017 9:45	42300	19822	16.097	45.18	695.086	837.504	0.414	569.503	1438.671	0.999	14.741
11/2/2017 10:00	43200	19817	16.097	45.168	695.066	837.472	0.414	569.481	1438.712	0.999	14.738
11/2/2017 10:15	44100	19819	16.097	45.173	694.998	837.392	0.414	569.427	1438.852	0.999	14.735
11/2/2017 10:30	45000	19809	16.097	45.152	694.95	837.324	0.414	569.38	1438.952	0.999	14.732
11/2/2017 10:45	45900	19824	16.097	45.184	695.076	837.488	0.414	569.482	1438.691	0.999	14.73
11/2/2017 11:00	46800	19819	16.097	45.173	695	837.389	0.414	569.424	1438.85	0.999	14.727
11/2/2017 11:15	47700	1983	16.097	45.198	695.199	837.634	0.414	569.591	1438.437	0.999	14.724
11/2/2017 11:30	48600	19816	16.097	45.166	695.045	837.457	0.414	569.471	1438.756	0.999	14.721
11/2/2017 11:45	49500	19829	16.097	45.196	695.079	837.496	0.414	569.497	1438.686	0.999	14.718
11/2/2017 12:00	50400	19823	16.097	45.183	695.169	837.603	0.414	569.57	1438.5	0.999	14.715
11/2/2017 12:15	51300	19831	16.097	45.2	695.119	837.54	0.414	569.537	1438.602	0.999	14.712
11/2/2017 12:30	52200	19819	16.098	45.172	695.212	837.641	0.414	569.596	1438.41	0.999	14.709
11/2/2017 12:45	53100	19824	16.097	45.185	694.949	837.326	0.414	569.382	1438.955	0.999	14.706
11/2/2017 13:00	54000	19823	16.097	45.182	695.041	837.44	0.414	569.459	1438.765	0.999	14.703
11/2/2017 13:15	54900	19817	16.097	45.169	695.104	837.513	0.414	569.509	1438.633	0.999	14.7
11/2/2017 13:30	55800	19822	16.097	45.181	695.154	837.581	0.414	569.555	1438.531	0.999	14.697
11/2/2017 13:45	56700	19825	16.098	45.187	695.004	837.377	0.414	569.416	1438.841	0.999	14.694
11/2/2017 14:00	57600	19816	16.096	45.174	694.864	837.211	0.414	569.31	1439.13	0.999	14.691
11/2/2017 14:15	58500	19832	16.097	45.204	694.986	837.375	0.414	569.415	1438.779	0.999	14.688
11/2/2017 14:30	59400	19824	16.098	45.184	695.04	837.434	0.414	569.455	1438.766	0.999	14.685
11/2/2017 14:45	60300	19822	16.097	45.18	695.018	837.419	0.414	569.445	1438.812	0.999	14.682
11/2/2017 15:00	61200	19824	16.097	45.185	694.976	837.374	0.414	569.414	1438.899	0.999	14.679
11/2/2017 15:15	62100	1982	16.097	45.176	694.867	837.237	0.414	569.321	1439.125	0.999	14.676
11/2/2017 15:30	63000	19826	16.097	45.19	695.036	837.44	0.414	569.459	1438.774	0.999	14.673
11/2/2017 15:45	63900	19823	16.097	45.182	694.892	837.261	0.414	569.337	1439.073	0.999	14.67
11/2/2017 16:00	64800	19837	16.097	45.215	694.918	837.289	0.414	569.359	1439.019	0.999	14.667
11/2/2017 16:15	65700	19823	16.097	45.183	694.88	837.256	0.414	569.334	1439.098	0.999	14.664
11/2/2017 16:30	66600	19831	16.097	45.202	694.963	837.348	0.414	569.397	1438.925	0.999	14.661
11/2/2017 16:45	67500	19823	16.097	45.183	695.009	837.414	0.414	569.441	1438.83	0.999	14.658
11/2/2017 17:00	68400	19816	16.097	45.166	694.853	837.22	0.414	569.31	1439.154	0.999	14.655
11/2/2017 17:15	69300	1982	16.097	45.176	694.882	837.251	0.414	569.331	1439.092	0.999	14.652

11/2/2017 17:30	70200	19.824	16.097	45.185	694.845	837.209	0.414	569.302	1439.17	0.999	14.735
11/2/2017 17:45	71100	19.828	16.097	45.194	694.879	837.247	0.414	569.328	1439.099	0.999	14.732
11/2/2017 18:00	72000	19.819	16.097	45.173	695.013	837.411	0.414	569.439	1438.821	0.999	14.741
11/2/2017 18:15	72900	19.832	16.097	45.203	694.928	837.302	0.414	569.366	1438.998	0.999	14.73
11/2/2017 18:30	73800	19.827	16.097	45.193	694.953	837.339	0.414	569.391	1438.947	0.999	14.734
11/2/2017 18:45	74700	19.826	16.097	45.189	694.831	837.184	0.414	569.285	1439.198	0.999	14.738
11/2/2017 19:00	75600	19.828	16.097	45.195	694.957	837.045	0.414	569.395	1438.938	0.999	14.738
11/2/2017 19:15	76500	19.819	16.097	45.173	694.879	837.25	0.414	569.33	1439.1	0.999	14.74
11/2/2017 19:30	77400	19.825	16.097	45.187	694.896	837.276	0.414	569.347	1439.064	0.999	14.74
11/2/2017 19:45	78300	19.833	16.097	45.206	694.999	837.388	0.414	569.424	1438.85	0.999	14.738
11/2/2017 20:00	79200	19.825	16.097	45.187	694.895	837.262	0.414	569.338	1439.067	0.999	14.744
11/2/2017 20:15	80100	19.837	16.097	45.215	694.796	837.145	0.414	569.259	1439.271	0.999	14.734
11/2/2017 20:30	81000	19.822	16.097	45.179	694.825	837.184	0.414	569.285	1439.21	0.999	14.741
11/2/2017 20:45	81900	19.825	16.098	45.187	694.921	837.286	0.414	569.354	1439.013	0.999	14.738
11/2/2017 21:00	82800	19.833	16.097	45.205	694.966	837.351	0.414	569.399	1438.92	0.999	14.736
11/2/2017 21:15	83700	19.82	16.097	45.176	694.901	837.279	0.414	569.349	1439.054	0.999	14.743
11/2/2017 21:30	84600	19.834	16.097	45.207	694.807	837.167	0.414	569.273	1439.249	0.999	14.733
11/2/2017 21:45	85500	19.817	16.097	45.17	694.774	837.12	0.414	569.242	1439.318	0.999	14.744
11/2/2017 22:00	86400	19.828	16.098	45.194	694.777	837.115	0.414	569.238	1439.311	0.999	14.746
11/2/2017 22:15	87300	19.828	16.097	45.193	694.877	837.241	0.414	569.324	1439.104	0.999	14.739
11/2/2017 22:30	88200	19.819	16.097	45.173	694.896	837.281	0.414	569.351	1439.064	0.999	14.742
11/2/2017 22:45	89100	19.816	16.098	45.167	694.794	837.138	0.414	569.254	1439.276	0.999	14.745
11/2/2017 23:00	90000	19.812	16.097	45.157	694.73	837.064	0.414	569.204	1439.407	0.999	14.747
11/2/2017 23:15	90900	19.822	16.097	45.181	694.857	837.219	0.414	569.309	1439.145	0.999	14.741
11/2/2017 23:30	91800	19.825	16.097	45.186	694.773	837.122	0.414	569.243	1439.32	0.999	14.744
11/2/2017 23:45	92700	19.823	16.098	45.183	694.815	837.164	0.414	569.271	1439.231	0.999	14.749
11/3/2017 0:00	93600	19.824	16.097	45.185	694.904	837.275	0.414	569.347	1439.048	0.999	14.745
11/3/2017 0:15	94500	19.82	16.097	45.177	694.731	837.069	0.414	569.207	1439.406	0.999	14.75
11/3/2017 0:30	95400	19.819	16.097	45.174	694.862	837.226	0.414	569.313	1439.136	0.999	14.746
11/3/2017 0:45	96300	19.821	16.097	45.179	694.845	837.212	0.414	569.304	1439.17	0.999	14.744
11/3/2017 1:00	97200	19.82	16.097	45.175	694.909	837.28	0.414	569.35	1439.037	0.999	14.744
11/3/2017 1:15	98100	19.822	16.097	45.181	694.884	837.251	0.414	569.331	1439.089	0.999	14.746
11/3/2017 1:30	99000	19.829	16.097	45.197	694.775	837.125	0.414	569.245	1439.314	0.999	14.739
11/3/2017 1:45	99900	19.831	16.097	45.202	694.801	837.157	0.414	569.267	1439.262	0.999	14.743
11/3/2017 2:00	100800	19.83	16.097	45.198	694.732	837.066	0.414	569.205	1439.404	0.999	14.749
11/3/2017 2:15	101700	19.819	16.097	45.173	694.874	837.247	0.414	569.328	1439.11	0.999	14.748
11/3/2017 2:30	102600	19.828	16.097	45.194	694.759	837.121	0.414	569.242	1439.327	0.999	14.746
11/3/2017 2:45	103500	19.818	16.097	45.172	694.88	837.243	0.414	569.325	1439.097	0.999	14.751
11/3/2017 3:00	104400	19.832	16.098	45.204	694.857	837.214	0.414	569.305	1439.145	0.999	14.74
11/3/2017 3:15	105300	19.824	16.097	45.184	694.657	836.977	0.414	569.145	1439.56	0.999	14.745
11/3/2017 3:30	106200	19.826	16.097	45.189	694.818	837.171	0.414	569.276	1439.227	0.999	14.741
11/3/2017 3:45	107100	19.823	16.097	45.182	694.743	837.082	0.414	569.215	1439.381	0.999	14.742
11/3/2017 4:00	108000	19.825	16.097	45.188	694.742	837.094	0.414	569.224	1439.383	0.999	14.732
11/3/2017 4:15	108900	19.83	16.097	45.198	694.792	837.144	0.414	569.258	1439.279	0.999	14.736
11/3/2017 4:30	109800	19.827	16.097	45.191	694.744	837.088	0.414	569.22	1439.378	0.999	14.746
11/3/2017 4:45	110700	19.822	16.097	45.181	694.84	837.205	0.414	569.299	1439.181	0.999	14.744
11/3/2017 5:00	111600	19.82	16.097	45.176	694.737	837.079	0.414	569.214	1439.394	0.999	14.746
11/3/2017 5:15	112500	19.83	16.098	45.198	694.865	837.219	0.414	569.309	1439.13	0.999	14.745
11/3/2017 5:30	113400	19.814	16.097	45.162	694.666	836.99	0.414	569.153	1439.541	0.999	14.752
11/3/2017 5:45	114300	19.825	16.097	45.188	694.871	837.24	0.414	569.323	1439.117	0.999	14.75
11/3/2017 6:00	115200	19.824	16.097	45.186	694.686	837.018	0.414	569.172	1439.499	0.999	14.744
11/3/2017 6:15	116100	19.819	16.097	45.173	694.753	837.094	0.414	569.224	1439.36	0.999	14.748
11/3/2017 6:30	117000	19.835	16.097	45.209	694.759	837.098	0.414	569.226	1439.347	0.999	14.739
11/3/2017 6:45	117900	19.835	16.097	45.211	694.711	837.044	0.414	569.19	1439.447	0.999	14.738
11/3/2017 7:00	118800	19.821	16.097	45.177	694.693	837.029	0.414	569.18	1439.486	0.999	14.746
11/3/2017 7:15	119700	19.825	16.097	45.209	694.837	837.201	0.414	569.297	1439.186	0.999	14.74
11/3/2017 7:30	120600	19.822	16.097	45.18	694.734	837.072	0.414	569.209	1439.4	0.999	14.745
11/3/2017 7:45	121500	19.824	16.097	45.184	694.701	837.032	0.414	569.182	1439.469	0.999	14.748
11/3/2017 8:00	122400	19.827	16.097	45.192	694.778	837.137	0.414	569.253	1439.308	0.999	14.746
11/3/2017 8:15	123300	19.829	16.097	45.198	694.817	837.172	0.414	569.277	1439.228	0.999	14.749
11/3/2017 8:30	124200	19.827	16.097	45.191	694.796	837.151	0.414	569.263	1439.271	0.999	14.745
11/3/2017 8:45	125100	16.098	16.098	45.194	694.672	836.984	0.414	569.152	1439.528	0.999	14.75
11/3/2017 9:00	126000	19.817	16.097	45.17	694.665	836.998	0.414	569.159	1439.542	0.999	14.757
11/3/2017 9:15	126900	19.826	16.097	45.19	694.7	837.04	0.414	569.187	1439.47	0.999	14.758
11/3/2017 9:30	127800	19.812	16.097	45.158	694.729	837.073	0.414	569.21	1439.409	0.999	14.763
11/3/2017 9:45	128700	19.826	16.097	45.189	694.929	837.308	0.414	569.37	1438.997	0.999	14.763
11/3/2017 10:00	129600	19.824	16.097	45.184	694.71	837.05	0.414	569.194	1439.45	0.999	14.765
11/3/2017 10:15	130500	19.824	16.097	45.186	694.817	837.127	0.414	569.28	1439.229	0.999	14.757
11/3/2017 10:30	131400	19.83	16.097	45.199	694.69	837.021	0.414	569.174	1439.491	0.999	14.753
11/3/2017 10:45	132300	19.822	16.098	45.18	694.785	837.123	0.414	569.244	1439.295	0.999	14.762
11/3/2017 11:00	133200	19.82	16.097	45.177	694.747	837.096	0.414	569.225	1439.373	0.999	14.761
11/3/2017 11:15	134100	19.825	16.098	45.186	694.778	837.117	0.414	569.239	1439.308	0.999	14.761
11/3/2017 11:30	135000	19.821	16.097	45.179	694.93	837.319	0.414	569.377	1438.994	0.999	14.765
11/3/2017 11:45	135900	19.821	16.097	45.177	694.697	837.021	0.414	569.175	1439.476	0.999	14.73
11/3/2017 12:00	136800	19.822	16.097	45.18	694.835	837.201	0.414	569.296	1439.191	0.999	14.754
11/3/2017 12:15	137700	19.83	16.097	45.198	694.707	837.051	0.414	569.195	1439.456	0.999	14.752
11/3/2017 12:30	138600	19.821	16.097	45.178	694.891	837.266	0.414	569.341	1439.076	0.999	14.754
11/3/2017 12:45	139500	19.833	16.097	45.207	694.773	837.131	0.414	569.249	1439.318	0.999	14.745
11/3/2017 13:00	140400	19.82	16.097	45.176	694.664	836.999	0.414	569.16	1439.545	0.999	14.746
11/3/2017 13:15	141300	19.831	16.097	45.201	694.704	837.040	0.414	569.194	1439.462	0.999	14.745
11/3/2017 13:30	142200	19.822	16.097	45.181	694.828	837.182	0.414	569.284	1439.205	0.999	14.749
11/3/2017 13:45	143100	19.831	16.097	45.202	694.684	837.014	0.414	569.169	1439.504	0.999	14.747
11/3/2017 14:00	144000	19.836	16.097	45.213	694.673	837.007	0.414	569.164	1439.527	0.999	14.739
11/3/2017 14:15	144900	19.837	16.097	45.216	694.848	837.216	0.414	569.307	1439.164	0.999	14.735
11/3/2017 14:30	145800	19.821	16.097	45.178							

11/4/2017 22:15	260100	19825	16097	45.187	694.391	836.664	0.414	568.932	1440.11	0.999	14.777
11/4/2017 22:30	261000	19822	16096	45.181	694.418	836.709	0.414	568.962	1440.054	0.999	14.776
11/4/2017 22:45	261900	19819	16097	45.175	694.425	836.705	0.414	568.959	1440.041	0.999	14.779
11/4/2017 23:00	262800	19834	16097	45.209	694.337	836.608	0.414	568.893	1440.222	0.999	14.777
11/4/2017 23:15	263700	19833	16097	45.205	694.492	836.795	0.414	569.02	1439.901	0.999	14.775
11/4/2017 23:30	264600	19839	16097	45.219	694.38	836.652	0.414	568.923	1440.134	0.999	14.772
11/4/2017 23:45	265500	19835	16097	45.211	694.4	836.668	0.414	568.935	1440.092	0.999	14.776
11/5/2017 0:00	266400	19834	16097	45.209	694.373	836.649	0.414	568.921	1440.148	0.999	14.774
11/5/2017 0:15	267300	19828	16097	45.194	694.309	836.563	0.414	568.863	1440.281	0.999	14.779
11/5/2017 0:30	268200	19819	16097	45.174	694.387	836.661	0.414	568.93	1440.119	0.999	14.783
11/5/2017 0:45	269100	19829	16097	45.197	694.353	836.624	0.414	568.905	1440.19	0.999	14.781
11/5/2017 1:00	270000	19.83	16097	45.199	694.385	836.665	0.414	568.932	1440.124	0.999	14.782
11/5/2017 1:15	270900	19.83	16096	45.2	694.411	836.7	0.414	568.956	1440.069	0.999	14.782
11/5/2017 1:30	271800	19831	16096	45.2	694.345	836.624	0.414	568.904	1440.206	0.999	14.782
11/5/2017 1:45	272700	19827	16097	45.192	694.288	836.545	0.414	568.85	1440.325	0.999	14.782
11/5/2017 2:00	273600	19834	16097	45.208	694.376	836.647	0.414	568.92	1440.143	0.999	14.778
11/5/2017 2:15	274500	19828	16097	45.194	694.47	836.761	0.414	568.997	1439.947	0.999	14.786
11/5/2017 2:30	275400	19833	16097	45.206	694.336	836.603	0.414	568.89	1440.224	0.999	14.783
11/5/2017 2:45	276300	19834	16097	45.207	694.288	836.536	0.414	568.845	1440.325	0.999	14.783
11/5/2017 2:00	277200	19827	16097	45.193	694.417	836.69	0.414	568.949	1440.058	0.999	14.781
11/5/2017 2:15	278100	19.82	16097	45.176	694.438	836.722	0.414	568.971	1440.014	0.999	14.789
11/5/2017 2:30	279000	19836	16097	45.212	694.392	836.669	0.414	568.935	1440.108	0.999	14.782
11/5/2017 2:45	279900	19838	16098	45.216	694.369	836.623	0.414	568.903	1440.156	0.999	14.78
11/5/2017 3:00	280800	19.82	16097	45.176	694.438	836.716	0.414	568.967	1440.013	0.999	14.79
11/5/2017 3:15	281700	19828	16097	45.195	694.457	836.745	0.414	568.987	1439.974	0.999	14.781
11/5/2017 3:30	282600	19826	16097	45.189	694.28	836.534	0.414	568.843	1440.34	0.999	14.786
11/5/2017 3:45	283500	19.83	16097	45.198	694.439	836.727	0.414	568.974	1440.011	0.999	14.784
11/5/2017 4:00	284400	19832	16097	45.204	694.364	836.626	0.414	568.906	1440.167	0.999	14.782
11/5/2017 4:15	285300	19835	16096	45.209	694.307	836.573	0.414	568.869	1440.286	0.999	14.784
11/5/2017 4:30	286200	19829	16096	45.198	694.338	836.614	0.414	568.898	1440.22	0.999	14.788
11/5/2017 4:45	287100	19832	16098	45.203	694.266	836.501	0.414	568.821	1440.371	0.999	14.789
11/5/2017 5:00	288000	19.83	16097	45.198	694.426	836.7	0.414	568.956	1440.038	0.999	14.792
11/5/2017 5:15	288900	19831	16097	45.2	694.379	836.653	0.414	568.924	1440.136	0.999	14.794
11/5/2017 5:30	289800	19834	16097	45.209	694.409	836.685	0.414	568.946	1440.074	0.999	14.79
11/5/2017 5:45	290700	19833	16096	45.205	694.436	836.73	0.414	568.976	1440.018	0.999	14.792
11/5/2017 6:00	291600	19828	16096	45.193	694.223	836.475	0.414	568.803	1440.459	0.999	14.791
11/5/2017 6:15	292500	19825	16097	45.187	694.341	836.487	0.414	568.888	1440.215	0.999	14.795
11/5/2017 6:30	293400	19834	16097	45.208	694.405	836.686	0.414	568.946	1440.083	0.999	14.793
11/5/2017 6:45	294300	19823	16097	45.183	694.309	836.562	0.414	568.862	1440.281	0.999	14.8
11/5/2017 7:00	295200	19837	16097	45.215	694.359	836.627	0.414	568.906	1440.178	0.999	14.801
11/5/2017 7:15	296100	19824	16097	45.186	694.368	836.638	0.414	568.914	1440.158	0.999	14.809
11/5/2017 7:30	297000	19824	16097	45.186	694.293	836.555	0.414	568.857	1440.314	0.999	14.803
11/5/2017 7:45	297900	19826	16097	45.194	694.298	836.547	0.414	568.852	1440.303	0.999	14.803
11/5/2017 8:00	298800	19.82	16097	45.175	694.368	836.643	0.414	568.917	1440.158	0.999	14.813
11/5/2017 8:15	299700	19824	16097	45.186	694.332	836.595	0.414	568.884	1440.233	0.999	14.808
11/5/2017 8:30	300600	19829	16097	45.196	694.496	836.792	0.414	569.018	1439.894	0.999	14.809
11/5/2017 8:45	301500	19826	16097	45.189	694.416	836.69	0.414	568.95	1440.059	0.999	14.815
11/5/2017 9:00	302400	19833	16097	45.204	694.48	836.774	0.414	569.007	1439.926	0.999	14.812
11/5/2017 9:15	303300	19.83	16097	45.198	694.401	836.698	0.414	568.945	1440.091	0.999	14.811
11/5/2017 9:30	304200	19824	16096	45.192	694.332	836.609	0.414	568.894	1440.234	0.999	14.816
11/5/2017 9:45	305100	19821	16097	45.179	694.42	836.7	0.414	568.956	1440.051	0.999	14.818
11/5/2017 10:00	306000	19828	16097	45.194	694.453	836.737	0.414	568.981	1439.982	0.999	14.816
11/5/2017 10:15	306900	19827	16097	45.191	694.449	836.724	0.414	568.972	1439.991	0.999	14.814
11/5/2017 10:30	307800	19828	16097	45.195	694.387	836.657	0.414	568.927	1440.119	0.999	14.814
11/5/2017 10:45	308700	19833	16097	45.206	694.385	836.646	0.414	568.919	1440.124	0.999	14.813
11/5/2017 11:00	309600	19826	16097	45.19	694.451	836.735	0.414	568.98	1439.986	0.999	14.813
11/5/2017 11:15	310500	19822	16097	45.181	694.54	836.845	0.414	569.055	1439.801	0.999	14.812
11/5/2017 11:30	311400	19837	16097	45.215	694.527	836.832	0.414	569.046	1439.83	0.999	14.805
11/5/2017 11:45	312300	19827	16097	45.191	694.482	836.777	0.414	569.008	1439.922	0.999	14.802
11/5/2017 12:00	313200	19825	16097	45.188	694.413	836.687	0.414	568.947	1440.066	0.999	14.803
11/5/2017 12:15	314100	19826	16097	45.189	694.447	836.734	0.414	568.979	1439.995	0.999	14.799
11/5/2017 12:30	315000	19829	16097	45.195	694.486	836.745	0.414	569.011	1439.915	0.999	14.794
11/5/2017 12:45	315900	19836	16097	45.212	694.59	836.902	0.414	569.094	1439.698	0.999	14.793
11/5/2017 13:00	316800	19838	16096	45.218	694.437	836.735	0.414	568.98	1440.015	0.999	14.786
11/5/2017 13:15	317700	19829	16097	45.197	694.462	836.753	0.414	568.992	1439.963	0.999	14.786
11/5/2017 13:30	318600	19842	16097	45.225	694.445	836.719	0.414	568.969	1439.999	0.999	14.78
11/5/2017 13:45	319500	19829	16097	45.196	694.532	836.83	0.414	569.045	1439.819	0.999	14.787
11/5/2017 14:00	320400	19838	16097	45.216	694.47	836.785	0.414	569.027	1439.946	0.999	14.789
11/5/2017 14:15	321300	19827	16097	45.191	694.495	836.788	0.414	569.016	1439.895	0.999	14.78
11/5/2017 14:30	322200	19834	16097	45.208	694.563	836.865	0.414	569.068	1439.754	0.999	14.778
11/5/2017 14:45	323100	19831	16098	45.2	694.496	836.776	0.414	569.008	1439.892	0.999	14.778
11/5/2017 15:00	324000	19825	16097	45.188	694.522	836.829	0.414	569.043	1439.839	0.999	14.781
11/5/2017 15:15	324900	19831	16097	45.201	694.414	836.681	0.414	568.943	1440.064	0.999	14.777
11/5/2017 15:30	325800	19842	16097	45.225	694.539	836.851	0.414	568.958	1439.804	0.999	14.775
11/5/2017 15:45	326700	19823	16097	45.182	694.497	836.801	0.414	569.024	1439.89	0.999	14.78
11/5/2017 16:00	327600	19832	16097	45.204	694.614	836.922	0.414	569.107	1439.65	0.999	14.777
11/5/2017 16:15	328500	19832	16097	45.203	694.475	836.769	0.414	569.003	1439.936	0.999	14.778
11/5/2017 16:30	329400	19833	16097	45.205	694.351	836.621	0.414	568.903	1440.193	0.999	14.776
11/5/2017 16:45	330300	19833	16097	45.206	694.437	836.722	0.414	568.971	1440.016	0.999	14.779
11/5/2017 17:00	331200	19.84	16097	45.221	694.433	836.721	0.414	568.964	1440.024	0.999	14.774
11/5/2017 17:15	332100	19839	16097	45.219	694.326	836.584	0.414	568.877	1440.245	0.999	14.772
11/5/2017 17:30	333000	19837	16097	45.215	694.395	836.675	0.414	568.939	1440.103	0.999	14.766
11/5/2017 17:45	333900	19832	16097	45.204	694.335	836.593	0.414	568.883	1440.227	0.999	14.782
11/5/2017 18:00	334800	19833	16097	45.206	694.348	836.601	0.414	568.889	1440.201	0.999	14.778
11/5/2017 18:15	335700	19832	16097	45.203	694.303	836.556	0.414	568.858	1440.293	0.999	14.781
11/5/2017 18:30	336600	19842									

11/7/2017 2:00	450000	19.835	16.097	45.209	693.484	835.564	0.413	568.184	1441.995	0.999	14.79
11/7/2017 2:15	450900	19.832	16.097	45.204	693.363	835.434	0.413	568.095	1442.245	0.999	14.789
11/7/2017 2:30	451800	19.848	16.097	45.239	693.413	835.491	0.413	568.134	1442.142	0.999	14.777
11/7/2017 2:45	452700	19.832	16.097	45.203	693.367	835.425	0.413	568.089	1442.238	0.999	14.782
11/7/2017 3:00	453600	19.847	16.097	45.238	693.404	835.471	0.413	568.12	1442.162	0.999	14.778
11/7/2017 3:15	454500	19.842	16.097	45.226	693.36	835.418	0.413	568.084	1442.253	0.999	14.779
11/7/2017 3:30	455400	19.831	16.098	45.201	693.386	835.436	0.413	568.097	1442.198	0.999	14.781
11/7/2017 3:45	456300	19.841	16.097	45.224	693.511	835.602	0.413	568.21	1441.938	0.999	14.779
11/7/2017 4:00	457200	19.829	16.097	45.196	693.407	835.472	0.413	568.121	1442.154	0.999	14.783
11/7/2017 4:15	458100	19.848	16.097	45.239	693.43	835.504	0.413	568.143	1442.107	0.999	14.777
11/7/2017 4:30	459000	19.843	16.097	45.227	693.344	835.397	0.413	568.07	1442.285	0.999	14.783
11/7/2017 4:45	459900	19.837	16.098	45.216	693.366	835.415	0.413	568.082	1442.24	0.999	14.781
11/7/2017 5:00	460800	19.846	16.097	45.234	693.375	835.437	0.413	568.097	1442.22	0.999	14.78
11/7/2017 5:15	461700	19.831	16.099	45.2	693.347	835.376	0.413	568.056	1442.279	0.999	14.789
11/7/2017 5:30	462600	19.84	16.097	45.222	693.332	835.378	0.413	568.057	1442.31	0.999	14.788
11/7/2017 5:45	463500	19.83	16.098	45.199	693.437	835.503	0.413	568.142	1442.091	0.999	14.795
11/7/2017 6:00	464400	19.845	16.097	45.232	693.292	835.33	0.413	568.024	1442.393	0.999	14.787
11/7/2017 6:15	465300	19.831	16.097	45.201	693.392	835.457	0.413	568.111	1442.185	0.999	14.791
11/7/2017 6:30	466200	19.834	16.097	45.208	693.412	835.48	0.413	568.126	1442.143	0.999	14.794
11/7/2017 6:45	467100	19.834	16.098	45.207	693.275	835.305	0.413	568.007	1442.428	0.999	14.791
11/7/2017 7:00	468000	19.839	16.098	45.22	693.434	835.494	0.413	568.136	1442.098	0.999	14.79
11/7/2017 7:15	468900	19.846	16.097	45.234	693.385	835.455	0.413	568.109	1442.201	0.999	14.791
11/7/2017 7:30	469800	19.836	16.097	45.211	693.312	835.354	0.413	568.04	1442.352	0.999	14.79
11/7/2017 7:45	470700	19.841	16.098	45.223	693.377	835.425	0.413	568.089	1442.217	0.999	14.792
11/7/2017 8:00	471600	19.838	16.097	45.217	693.289	835.326	0.413	568.022	1442.4	0.999	14.792
11/7/2017 8:15	472500	19.848	16.098	45.24	693.264	835.282	0.413	567.992	1442.452	0.999	14.791
11/7/2017 8:30	473400	19.832	16.098	45.204	693.354	835.399	0.413	568.071	1442.266	0.999	14.801
11/7/2017 8:45	474300	19.833	16.097	45.205	693.258	835.294	0.413	568	1442.464	0.999	14.801
11/7/2017 9:00	475200	19.844	16.097	45.23	693.316	835.361	0.413	568.045	1442.343	0.999	14.796
11/7/2017 9:15	476100	19.843	16.097	45.228	693.355	835.409	0.413	568.078	1442.263	0.999	14.796
11/7/2017 9:30	477000	19.843	16.097	45.229	693.458	835.487	0.413	568.131	1442.31	0.999	14.79
11/7/2017 9:45	477900	19.839	16.097	45.218	693.305	835.351	0.413	568.039	1442.366	0.999	14.788
11/7/2017 10:00	478800	19.85	16.098	45.243	693.321	835.361	0.413	568.045	1442.334	0.999	14.778
11/7/2017 10:15	479700	19.845	16.098	45.234	693.34	835.384	0.413	568.061	1442.293	0.999	14.784
11/7/2017 10:30	480600	19.833	16.097	45.206	693.314	835.359	0.413	568.044	1442.349	0.999	14.787
11/7/2017 10:45	481500	19.842	16.097	45.226	693.27	835.317	0.413	568.016	1442.438	0.999	14.782
11/7/2017 11:00	482400	19.844	16.097	45.231	693.306	835.351	0.413	568.039	1442.365	0.999	14.782
11/7/2017 11:15	483300	19.83	16.098	45.199	693.362	835.406	0.413	568.076	1442.247	0.999	14.784
11/7/2017 11:30	484200	19.853	16.098	45.25	693.32	835.358	0.413	568.043	1442.336	0.999	14.769
11/7/2017 11:45	485100	19.835	16.098	45.209	693.337	835.377	0.413	568.056	1442.301	0.999	14.777
11/7/2017 12:00	486000	19.832	16.097	45.204	693.298	835.342	0.413	568.033	1442.381	0.999	14.78
11/7/2017 12:15	486900	19.846	16.097	45.235	693.411	835.479	0.413	568.126	1442.147	0.999	14.769
11/7/2017 12:30	487800	19.839	16.097	45.219	693.441	835.519	0.413	568.153	1442.094	0.999	14.778
11/7/2017 12:45	488700	19.843	16.097	45.229	693.416	835.488	0.413	568.132	1442.135	0.999	14.771
11/7/2017 13:00	489600	19.836	16.097	45.212	693.291	835.33	0.413	568.025	1442.396	0.999	14.766
11/7/2017 13:15	490500	19.841	16.097	45.224	693.388	835.452	0.413	568.108	1442.193	0.999	14.762
11/7/2017 13:30	491400	19.84	16.097	45.222	693.301	835.345	0.413	568.034	1442.374	0.999	14.764
11/7/2017 13:45	492300	19.845	16.097	45.232	693.396	835.455	0.413	568.109	1442.177	0.999	14.763
11/7/2017 14:00	493200	19.84	16.097	45.221	693.381	835.443	0.413	568.102	1442.209	0.999	14.764
11/7/2017 14:15	494100	19.846	16.098	45.235	693.218	835.239	0.413	567.963	1442.547	0.999	14.76
11/7/2017 14:30	495000	19.842	16.098	45.226	693.363	835.408	0.413	568.078	1442.247	0.999	14.764
11/7/2017 14:45	495900	19.834	16.097	45.207	693.298	835.341	0.413	568.032	1442.381	0.999	14.766
11/7/2017 15:00	496800	19.843	16.098	45.227	693.286	835.32	0.413	568.018	1442.407	0.999	14.758
11/7/2017 15:15	497700	19.843	16.097	45.228	693.357	835.419	0.413	568.085	1442.259	0.999	14.756
11/7/2017 15:30	498600	19.842	16.097	45.226	693.325	835.37	0.413	568.051	1442.325	0.999	14.756
11/7/2017 15:45	499500	19.848	16.097	45.239	693.449	835.281	0.413	567.991	1442.483	0.999	14.754
11/7/2017 16:00	500400	19.849	16.097	45.243	693.26	835.299	0.413	568.004	1442.46	0.999	14.751
11/7/2017 16:15	501300	19.837	16.097	45.215	693.368	835.43	0.413	568.092	1442.235	0.999	14.758
11/7/2017 16:30	502200	19.839	16.097	45.219	693.301	835.348	0.413	568.036	1442.374	0.999	14.754
11/7/2017 16:45	503100	19.836	16.097	45.212	693.223	835.26	0.413	567.977	1442.537	0.999	14.754
11/7/2017 17:00	504000	19.844	16.097	45.231	693.216	835.364	0.413	568.048	1442.343	0.999	14.752
11/7/2017 17:15	504900	19.847	16.097	45.238	693.256	835.328	0.413	567.998	1442.469	0.999	14.749
11/7/2017 17:30	505800	19.835	16.097	45.21	693.209	835.234	0.413	567.959	1442.567	0.999	14.759
11/7/2017 17:45	506700	19.841	16.097	45.223	693.214	835.235	0.413	567.96	1442.557	0.999	14.756
11/7/2017 18:00	507600	19.844	16.097	45.23	693.3	835.343	0.413	568.033	1442.377	0.999	14.755
11/7/2017 18:15	508500	19.833	16.096	45.206	693.177	835.212	0.413	567.944	1442.632	0.999	14.761
11/7/2017 18:30	509400	19.841	16.097	45.224	693.294	835.351	0.413	568.038	1442.39	0.999	14.764
11/7/2017 18:45	510300	19.832	16.097	45.202	693.258	835.298	0.413	568.003	1442.465	0.999	14.765
11/7/2017 19:00	511200	19.839	16.097	45.219	693.272	835.318	0.413	568.016	1442.434	0.999	14.758
11/7/2017 19:15	512100	19.838	16.097	45.218	693.273	835.322	0.413	568.019	1442.433	0.999	14.758
11/7/2017 19:30	513000	19.832	16.097	45.204	693.257	835.293	0.413	567.999	1442.466	0.999	14.764
11/7/2017 19:45	513900	19.854	16.097	45.253	693.117	835.123	0.413	567.883	1442.757	0.999	14.754
11/7/2017 20:00	514800	19.831	16.097	45.2	693.304	835.356	0.413	568.042	1442.368	0.999	14.765
11/7/2017 20:15	515700	19.837	16.096	45.215	693.251	835.312	0.413	568.012	1442.459	0.999	14.758
11/7/2017 20:30	516600	19.839	16.097	45.22	693.248	835.279	0.413	567.989	1442.485	0.999	14.759
11/7/2017 20:45	517500	19.846	16.097	45.235	693.15	835.166	0.413	567.913	1442.689	0.999	14.763
11/7/2017 21:00	518400	19.838	16.097	45.218	693.28	835.322	0.413	568.019	1442.418	0.999	14.766
11/7/2017 21:15	519300	19.841	16.097	45.224	693.196	835.233	0.413	567.958	1442.593	0.999	14.768
11/7/2017 21:30	520200	19.843	16.097	45.229	693.199	835.218	0.413	567.948	1442.587	0.999	14.769
11/7/2017 21:45	521100	19.845	16.097	45.234	693.167	835.184	0.413	567.925	1442.655	0.999	14.768
11/7/2017 22:00	522000	19.84	16.097	45.222	693.203	835.233	0.413	567.959	1442.578	0.999	14.776
11/7/2017 22:15	522900	19.835	16.097	45.21	693.189	835.217	0.413	567.947	1442.609	0.999	14.777
11/7/2017 22:30	523800	19.843	16.096	45.228	693.259	835.312	0.413	568.012	1442.462	0.999	14.772
11/7/2017 22:45	524700	19.837	16.098	45.214	693.265	835.29	0.413	567.997	1442.45	0.999	14.776
11/7/2017 23:00</											

Report Date: 11/10/2017 8:43
Report User Name: WMassoll
Report Computer Name: WKST52
Application: WinSitu.exe
Application Version: 5.6.27.1

Log File Properties
File Name MPWSP MW-9D LT Test_2017-11-09_13-21-48-231-BaroMerge.wsl
Create Date 11/10/2017 8:36

Device Properties
Device Aqua TROLL 200
Site MPWSP MW-9D
Device Name
Serial Number 437458
Firmware Version 2
Hardware Version 3
Device Address 1
Device Comm Cfg 19200 8 Even 1 (Modbus-RTU)
Used Memory 0
Used Battery 0

Log Configuration
Log Name MPWSP MW-9D LT Test
Created By KMakar
Computer Name PROBOOK10
Application WinSitu.exe
Application Version 5.6.25.0
Create Date 1/14/2016 6:00:31 PM Pacific Standard Time
Log Setup Time Zone Pacific Standard Time
Notes Size(bytes) 4096
Overwrite when full Enabled
Scheduled Start Time 1/15/2016 7:00:00 AM Pacific Standard Time
Scheduled Stop Time No Stop Time
Type Linear
Interval Days: 0 hrs: 00 mins: 15 secs: 00

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

Other Log Settings
Depth of Probe: 36.7545 (ft)
Head Pressure: 15.9182 (PSI)
Temperature: 18.5646 (C)
Specific Conductivity Model: Standard Methods
Reference Temperature: 25
Temperature Coefficient: 0.0191
TDS Factor: 0.68

Log Notes:
Date and Time Note
1/14/2016 18:00 Used Battery: 0% Used Memory: 3% User Name: KMakar
1/15/2016 9:46 Log Download - Used Battery: 0% Used Memory: 3% User Name: KMakar
1/21/2016 8:40 Log Download - Used Battery: 0% Used Memory: 3% User Name: KMakar
1/28/2016 8:53 Log Download - Used Battery: 1% Used Memory: 3% User Name: KMakar Interval - Start Time: 1/18/2016 11:45:00 AM Stop Time: 1/28/2016 1:05:00 PM
2/4/2016 9:56 Log Download - Used Battery: 1% Used Memory: 4% User Name: CShaw Interval - Start Time: 1/15/2016 7:00:00 AM Stop Time: 2/4/2016 10:45:00 AM
2/11/2016 9:46 Log Download - Used Battery: 1% Used Memory: 6% User Name: CShaw Interval - Start Time: 2/2/2016 2:30:00 PM Stop Time: 2/11/2016 10:45:00 AM
2/18/2016 11:36 Log Download - Used Battery: 2% Used Memory: 6% User Name: CShaw Interval - Start Time: 2/4/2016 3:00:00 AM Stop Time: 2/18/2016 12:00:00 PM
2/25/2016 11:25 Log Download - Used Battery: 2% Used Memory: 7% User Name: KMakar Interval - Start Time: 2/15/2016 5:30:00 PM Stop Time: 2/25/2016 11:30:00 AM
3/3/2016 12:32 Log Download - Used Battery: 2% Used Memory: 7% User Name: SKuiper Interval - Start Time: 1/31/2016 12:00:01 AM Stop Time: 3/3/2016 1:30:00 PM
3/10/2016 14:24 Log Download - Used Battery: 3% Used Memory: 9% User Name: KMakar Interval - Start Time: 3/1/2016 12:00:00 PM Stop Time: 3/10/2016 2:15:00 PM
3/17/2016 11:02 Log Download - Used Battery: 3% Used Memory: 9% User Name: SKuiper Interval - Start Time: 3/8/2016 12:00:01 AM Stop Time: 3/17/2016 11:44:45 AM
3/24/2016 8:37 Log Download - Used Battery: 4% Used Memory: 10% User Name: KMakar Interval - Start Time: 3/15/2016 12:00:00 PM Stop Time: 3/24/2016 8:45:00 AM
3/31/2016 14:46 Log Download - Used Battery: 4% Used Memory: 10% User Name: SKuiper Interval - Start Time: 3/22/2016 12:00:00 PM Stop Time: 3/31/2016 2:45:00 PM
4/7/2016 9:08 Log Download - Used Battery: 4% Used Memory: 12% User Name: KMakar Interval - Start Time: 2/29/2016 5:00:00 PM Stop Time: 4/7/2016 9:15:00 AM
4/14/2016 15:45 Log Download - Used Battery: 5% Used Memory: 12% User Name: SKuiper Interval - Start Time: 4/5/2016 6:00:00 AM Stop Time: 7/8/2016 11:30:00 AM
4/21/2016 13:49 Log Download - Used Battery: 5% Used Memory: 14% User Name: ELinden Interval - Start Time: 4/12/2016 1:30:00 PM Stop Time: 4/21/2016 2:45:00 PM
4/28/2016 9:22 Log Download - Used Battery: 5% Used Memory: 14% User Name: KMakar Interval - Start Time: 4/19/2016 5:00:00 PM Stop Time: 4/28/2016 9:30:00 AM
5/5/2016 9:13 Log Download - Used Battery: 6% Used Memory: 15% User Name: SKuiper Interval - Start Time: 3/31/2016 12:00:00 PM Stop Time: 5/5/2016 10:00:00 AM
5/12/2016 9:50 Log Download - Used Battery: 6% Used Memory: 15% User Name: SKuiper Interval - Start Time: 5/3/2016 12:00:00 PM Stop Time: 5/12/2016 9:45:00 AM
5/19/2016 13:23 Log Download - Used Battery: 6% Used Memory: 17% User Name: ELinden Interval - Start Time: 5/10/2016 12:00:00 PM Stop Time: 5/19/2016 3:15:00 PM
5/26/2016 8:49 Log Download - Used Battery: 7% Used Memory: 17% User Name: SKuiper Interval - Start Time: 5/17/2016 10:00:00 AM Stop Time: 5/26/2016 9:45:00 AM
6/2/2016 11:13 Log Download - Used Battery: 7% Used Memory: 18% User Name: SKuiper Interval - Start Time: 4/30/2016 10:00:00 PM Stop Time: 6/2/2016 12:00:00 PM
6/9/2016 9:20 Log Download - Used Battery: 8% Used Memory: 18% User Name: CShaw Interval - Start Time: 5/31/2016 5:00:00 AM Stop Time: 6/9/2016 10:15:00 AM
6/16/2016 10:53 Log Download - Used Battery: 8% Used Memory: 20% User Name: SKuiper Interval - Start Time: 6/7/2016 10:30:00 PM Stop Time: 6/16/2016 11:45:00 AM
6/23/2016 9:47 Log Download - Used Battery: 8% Used Memory: 20% User Name: SKuiper Interval - Start Time: 6/15/2016 10:00:00 PM Stop Time: 6/23/2016 9:45:00 AM
7/1/2016 11:19 Log Download - Used Battery: 9% Used Memory: 21% User Name: SKuiper Interval - Start Time: 5/31/2016 10:00:00 PM Stop Time: 7/1/2016 11:45:00 AM
7/8/2016 11:34 Log Download - Used Battery: 9% Used Memory: 23% User Name: SKuiper Interval - Start Time: 6/29/2016 10:00:00 PM Stop Time: 7/8/2016 11:30:00 AM
7/14/2016 17:29 Log Download - Used Battery: 9% Used Memory: 23% User Name: ELinden Interval - Start Time: 7/5/2016 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: 11/3/2016 10:00:00 PM Stop Time: 11/11/2016 5:30:00 PM
11/17/2016 15:19 Log Download - Used Battery: 16% Used Memory: 37% User Name: SKuiper Interval - Start Time: 11/9/2016 10:00:00 PM Stop Time: 11/17/2016 4:15:00 PM
11/24/2016 12:07 Log Download - Used Battery: 16% Used Memory: 39% User Name: SKuiper Interval - Start Time: 11/15/2016 10:00:00 PM Stop Time: 11/24/2016 12:00:00 PM
12/2/2016 7:32 Log Download - Used Battery: 17% Used Memory: 40% User Name: SKuiper Interval - Start Time: 10/31/2016 10:00:00 PM Stop Time: 12/2/2016 5:15:00 PM
12/9/2016 9:11 Log Download - Used Battery: 17% Used Memory: 40% User Name: SKuiper Interval - Start Time: 11/30/2016 10:00:00 PM Stop Time: 12/9/2016 6:30:00 PM
12/15/2016 15:02 Log Download - Used Battery: 17% Used Memory: 42% User Name: SKuiper Interval - Start Time: 12/7/2016 10:00:00 PM Stop Time: 12/15/2016 3:00:00 PM
12/22/2016 11:52 Log Download - Used Battery: 18% Used Memory: 42% User Name: ANorris Interval - Start Time: 12/14/2016 10:00:00 PM Stop Time: 12/22/2016 12:30:00 PM
1/5/2017 9:47 Log Download - Used Battery: 18% Used Memory: 43% User Name: SKuiper Interval - Start Time: 1/5/2017 9:45:00 AM Stop Time: 1/5/2017 9:45:00 PM
1/12/2017 15:49 Log Download - Used Battery: 19% Used Memory: 45% User Name: SKuiper Interval - Start Time: 1/4/2017 10:00:00 PM Stop Time: 1/12/2017 5:15:00 PM
1/19/2017 10:30 Log Download - Used Battery: 19% Used Memory: 45% User Name: EHernandez Interval - Start Time: 1/11/2017 10:00:00 PM Stop Time: 1/19/2017 11:15:00 AM
1/19/2017 12:25 Log Download - Used Battery: 19% Used Memory: 45% User Name: EHernandez Interval - Start Time: 1/11/2017 10:00:00 PM Stop Time: 1/19/2017 1:15:00 PM
1/26/2017 9:26 Log Download - Used Battery: 19% Used Memory: 46% User Name: SKuiper Interval - Start Time: 1/18/2017 10:00:00 PM Stop Time: 1/26/2017 9:45:00 AM
2/2/2017 15:23 Log Download - Used Battery: 20% Used Memory: 46% User Name: WMassoll Interval - Start Time: 12/31/2016 10:00:00 PM Stop Time: 2/2/2017 4:15:00 PM
2/9/2017 12:27 Log Download - Used Battery: 20% Used Memory: 48% User Name: EHernandez Interval - Start Time: 2/1/2017 12:00:00 AM Stop Time: 2/9/2017 1:15:00 PM
2/16/2017 12:08 Log Download - Used Battery: 21% Used Memory: 48% User Name: WMassoll Interval - Start Time: 2/8/2017 10:00:00 PM Stop Time: 2/16/2017 1:00:00 PM
2/23/2017 10:54 Log Download - Used Battery: 21% Used Memory: 50% User Name: EHernandez Interval - Start Time: 2/15/2017 12:00:00 AM Stop Time: 2/23/2017 12:00:00 PM
3/2/2017 15:41 Log Download - Used Battery: 21% Used Memory: 50% User Name: SKuiper Interval - Start Time: 1/31/2017 10:00:00 PM Stop Time: 3/2/2017 4:30:00 PM
3/9/2017 12:32 Log Download - Used Battery: 22% Used Memory: 51% User Name: WMassoll Interval - Start Time: 3/1/2017 11:30:00 PM Stop Time: 3/9/2017 1:30:00 PM
3/16/2017 16:18 Log Download - Used Battery: 22% Used Memory: 51% User Name: WMassoll Interval - Start Time: 3/8/2017 10:00:00 PM Stop Time: 3/16/2017 5:15:00 PM
3/23/2017 14:01 Log Download - Used Battery: 22% Used Memory: 53% User Name: AVanKalsma Interval - Start Time: 3/15/2017 10:00:00 PM Stop Time: 3/23/2017 2:15:00 PM
11/10/2017 8:36 User Note: "Pressure & Level adjusted by baro data from: "MPWSP Barotroll_2017-11-09_18-08-51-172.wsl"

Log Data:
Record Count 738
Sensors 2
1 437458 PCTD 300 PSIA (200.7m/658.7ft)
2 0 Baro-Adjustment Calc
Time Zone: Pacific Daylight Time/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: 437458	
		Corrected	Corrected	Corrected	Corrected	Corrected	Corrected	Corrected	Corrected	Corrected	Corrected	
		Pressure (PSI)	Temperature (C)	Depth (ft)	Actual Conductivity (µS/cm)	Specific Conductivity (µS/cm)	Salinity (PSU)	Total Dissolved Solids (ppm)	Resistivity (ohm-cm)	Water Density (g/cm3)	Barometric Pressure (PSI)	
11/2/2017 0:00	7200	152.39		21.088	351.863	732.283	791.162	0.392	538.165	1365.593	0.998	14.716
11/2/2017 0:15	8100	152.396		21.079	351.878	731.906	791.162	0.391	537.99	1366.296	0.998	14.716
11/2/2017 0:30	9000	152.347		21.075	351.766	732.281	791.62	0.392	538.302	1365.596	0.998	14.726
11/2/2017 0:45	9900	152.4		21.088	351.886	732.891	792.067	0.392	538.606	1364.459	0.998	14.712
11/2/2017 1:00	10800	152.401		21.08	351.889	730.312	789.424	0.391	536.808	1369.278	0.998	14.719
11/2/2017 1:15	11700	152.39		21.093	351.864	730.248	789.14	0.39	536.615	1369.397	0.998	14.719
11/2/2017 1:30	12600	152.399		21.077	351.884	732.764	792.113	0.392	538.637	1364.696	0.998	14.724
11/2/2017 1:45	13500	152.394		21.085	351.873	733.118	792.365	0.392	538.808	1364.038	0.998	14.715
11/2/2017 2:00	14400	152.357		21.091	351.788	730.876	789.84	0.391	537.091	1368.22	0.998	14.722
11/2/2017 2:15	15300	152.397		21.081	351.881	730.918	790.053	0.391	537.236	1368.142	0.998	14.72
11/2/2017 2:30	16200	152.374		21.08	351.827	731.345	790.527	0.391	537.559	1367.344	0.998	14.716
11/2/2017 2:45	17100	152.37		21.072	351.819	732.41	791.824	0.392	538.44	1365.355	0.998	14.718
11/2/2017 3:00	18000	152.409		21.088	351.909	731.59	790.674	0.391	537.658	1366.885	0.998	14.723
11/2/2017 3:15	18900	152.399		21.079	351.886	731.522	790.745	0.391	537.707	1367.014	0.998	14.722
11/2/2017 3:30	19800	152.354		21.085	351.78	731.59	790.719	0.391	537.689	1366.886	0.998	14.724
11/2/2017 3:45	20700	152.367		21.086	351.81	730.737	789.775	0.391	537.047	1368.481	0.998	14.721
11/2/2017 4:00	21600	152.401		21.077	351.89	731.721	790.982	0.391	537.868	1366.641	0.998	14.719
11/2/2017 4:15	22500	152.406		21.083	351.901	730.89	789.988	0.391	537.192	1368.195	0.998	14.718
11/2/2017 4:30	23400	152.377		21.072	351.834	733.087	792.547	0.392	538.932	1364.094	0.998	14.711
11/2/2017 4:45	24300	152.361		21.076	351.797	734.214	793.697	0.393	539.714	1362.001	0.998	14.722
11/2/2017 5:00	25200	152.369		21.085	351.814	732.256	791.432	0.392	538.174	1365.643	0.998	14.714
11/2/2017 5:15	26100	152.395		21.082	351.875	731.562	790.74	0.391	537.703	1366.399	0.998	14.72
11/2/2017 5:30	27000	152.373		21.079	351.825	732.695	792.007	0.392	538.565	1364.824	0.998	14.722
11/2/2017 5:45	27900	152.406		21.071	351.901	734.547	794.146	0.393	540.019	1361.384	0.998	14.721
11/2/2017 6:00	28800	152.374		21.077	351.826	736.879	796.561	0.394	541.662	1357.074	0.998	14.718
11/2/2017 6:15	29700	152.404		21.076	351.897	736.221	795.878	0.394	541.197	1358.288	0.998	14.711
11/2/2017 6:30	30600	152.396		21.085	351.878	737.02	796.58	0.394	541.674	1356.815	0.998	14.72
11/2/2017 6:45	31500	152.399		21.085	351.885	733.884	793.196	0.392	539.374	1362.613	0.998	14.725
11/2/2017 7:00	32400	152.369		21.078	351.814	733.799	793.224	0.393	539.393	1362.771	0.998	14.725
11/2/2017 7:15	33300	152.404		21.082	351.896	733.176	792.483	0.392	538.888	1363.928	0.998	14.729
11/2/2017 7:30	34200	152.36		21.078	351.796	732.5	791.82	0.392	538.438	1365.188	0.998	14.731
11/2/2017 7:45	35100	152.416		21.076	351.925	732.128	791.443	0.392	538.181	1365.88	0.998	14.729
11/2/2017 8:00	36000	152.414		21.083	351.919	732.281	791.503	0.392	538.222	1365.596	0.998	14.737
11/2/2017 8:15	36900	152.417		21.077	351.925	733.03	792.403	0.392	538.834	1364.2	0.998	14.736
11/2/2017 8:30	37800	152.395		21.089	351.876	733.418	792.624	0.392	538.984	1363.478	0.998	14.74
11/2/2017 8:45	38700	152.379		21.089	351.839	731.68	790.755	0.391	537.713	1366.718	0.998	14.742
11/2/2017 9:00	39600	152.406		21.078	351.9	732.707	792.033	0.392	538.582	1364.802	0.998	14.749
11/2/2017 9:15	40500	152.408		21.083	351.906	732.372	791.588	0.392	538.28	1365.426	0.998	14.748
11/2/2017 9:30	41400	152.383		21.077	351.848	732.602	791.942	0.392	538.521	1364.997	0.998	14.748
11/2/2017 9:45	42300	152.426		21.073	351.946	734.018	793.542	0.393	539.609	1362.365	0.998	14.75
11/2/2017 10:00	43200	152.383		21.065	351.847	735.724	795.51	0.394	540.947	1359.204	0.998	14.758
11/2/2017 10:15	44100	152.376		21.074	351.831	735.585	795.214	0.394	540.746	1359.461	0.998	14.755
11/2/2017 10:30	45000	152.419		21.081	351.928	735.03	794.266	0.393	540.264	1360.489	0.998	14.757
11/2/2017 10:45	45900	152.393		21.084	351.871	733.401	792.694	0.392	539.032	1363.51	0.998	14.747
11/2/2017 11:00	46800	152.391		21.075	351.866	734.229	793.738	0.393	539.742	1361.973	0.998	14.747
11/2/2017 11:15	47700	152.443		21.072	351.987	735.941	795.632	0.394	541.03	1358.804	0.998	14.741
11/2/2017 11:30	48600	152.398		21.08	351.883	735.063	794.559	0.393	540.3	1360.428	0.998	14.747
11/2/2017 11:45	49500	152.4		21.083	351.887	734.235	793.601	0.393	539.648	1361.963	0.998	14.745
11/2/2017 12:00	50400	152.442		21.088	351.983	733.375	792.59	0.392	538.961	1363.559	0.998	14.748
11/2/2017 12:15	51300	152.415		21.089	351.922	731.352	790.399	0.391	537.471	1367.33	0.998	14.745
11/2/2017 12:30	52200	152.437		21.084	351.937	732.545	791.769	0.392	538.403	1365.302	0.998	14.743
11/2/2017 12:45	53100	152.444		21.086	351.988	731.377	790.471	0.391	537.52	1367.284	0.998	14.743
11/2/2017 13:00	54000	152.443		21.079	351.986	733.148	792.495	0.392	538.897	1363.981	0.998	14.744
11/2/2017 13:15	54900	152.459		21.077	352.023	734.51	794.005	0.393	539.923	1361.451	0.998	14.745
11/2/2017 13:30	55800	152.409		21.071	351.907	734.227	793.793	0.393	539.779	1361.977	0.998	14.741
11/2/2017 13:45	56700	152.443		21.075	351.987	734.065	793.553	0.393	539.616	1362.277	0.998	14.739
11/2/2017 14:00	57600	152.419		21.084	351.919	732.92	792.164	0.392	538.672	1364.406	0.998	14.738
11/2/2017 14:15	58500	152.453		21.088	352.008	731.423	790.489	0.391	537.532	1367.198	0.998	14.734
11/2/2017 14:30	59400	152.414		21.069	351.918	734.324	793.94	0.393	539.879	1361.796	0.998	14.738
11/2/2017 14:45	60300	152.46		21.084	352.025	732.425	791.635	0.392	538.312	1365.327	0.998	14.731
11/2/2017 15:00	61200	152.452		21.089	352.007	731.763	790.831	0.391	537.765	1366.562	0.998	14.734
11/2/2017 15:15	62100	152.453		21.094	352.009	730.688	789.588	0.391	536.92	1368.573	0.998	14.733
11/2/2017 15:30	63000	152.414		21.077	351.919	731.086	790.305	0.391	537.407	1367.828	0.998	14.738
11/2/2017 15:45	63900	152.415		21.083	351.92	731.278	790.407	0.391	537.477	1367.468	0.998	14.735
11/2/2017 16:00	64800	152.421		21.091	351.933	729.874	788.733	0.39	536.357	1370.1	0.998	14.729
11/2/2017 16:15	65700	152.395		21.087	351.876	729.921	788.883	0.391	536.441	1370.011	0.998	14.735
11/2/2017 16:30	66600	152.439		21.083	351.976	730.589	789.663	0.391	536.971	1368.758	0.998	14.737
11/2/2017 16:45	67500	152.451		21.081	352.004	730.721	789.835	0.391	537.088	1368.512	0.998	14.735
11/2/2017 17:00	68400	152.433		21.088	351.963	731.645	790.726	0.391	537.694	1366.783	0.998	14.742
11/2/2017 17:15	69300	152.435		21.088	351.967	729.271	788.163	0.39	535.951	1371.233	0.998	14.737

11/2/2017 17:30	70200	152.406	21.072	351.901	734.187	793.736	0.393	539.74	1362.051	0.998	14.735
11/2/2017 17:45	71100	152.438	21.083	351.974	733.434	792.749	0.392	539.07	1363.45	0.998	14.732
11/2/2017 18:00	72000	152.381	21.079	351.843	733.186	792.535	0.392	538.924	1363.91	0.998	14.741
11/2/2017 18:15	72900	152.436	21.079	351.969	733.331	792.69	0.392	539.029	1363.64	0.998	14.73
11/2/2017 18:30	73800	152.433	21.077	351.964	733.314	792.717	0.392	539.048	1363.673	0.998	14.734
11/2/2017 18:45	74700	152.424	21.083	351.948	732.326	791.551	0.392	538.255	1365.512	0.998	14.738
11/2/2017 19:00	75600	152.383	21.072	351.843	733.905	793.44	0.395	539.539	1362.574	0.998	14.739
11/2/2017 19:15	76500	152.387	21.07	351.856	734.87	794.505	0.393	540.264	1360.785	0.998	14.74
11/2/2017 19:30	77400	152.418	21.086	351.928	733.413	792.667	0.392	539.013	1363.489	0.998	14.74
11/2/2017 19:45	78300	152.421	21.087	351.936	732.587	791.767	0.392	538.402	1365.025	0.998	14.738
11/2/2017 20:00	79200	152.414	21.093	351.919	731.343	790.327	0.391	537.422	1367.348	0.998	14.744
11/2/2017 20:15	80100	152.434	21.08	351.965	733.553	792.822	0.392	539.187	1363.227	0.998	14.734
11/2/2017 20:30	81000	152.378	21.071	351.836	733.994	793.54	0.393	539.677	1362.408	0.997	14.741
11/2/2017 20:45	81900	152.424	21.078	351.943	734.421	793.891	0.393	539.846	1361.617	0.998	14.738
11/2/2017 21:00	82800	152.416	21.08	351.924	734.393	793.833	0.393	539.806	1361.67	0.998	14.736
11/2/2017 21:15	83700	152.408	21.087	351.906	735.643	795.061	0.393	540.641	1359.356	0.998	14.743
11/2/2017 21:30	84600	152.396	21.085	351.879	733.972	793.29	0.393	539.437	1362.449	0.998	14.733
11/2/2017 21:45	85500	152.394	21.067	351.873	735.722	795.479	0.394	540.926	1359.208	0.998	14.744
11/2/2017 22:00	86400	152.397	21.07	351.866	735.365	795.043	0.393	540.63	1359.869	0.998	14.746
11/2/2017 22:15	87300	152.384	21.079	351.851	735.645	795.194	0.394	540.732	1359.352	0.998	14.739
11/2/2017 22:30	88200	152.428	21.075	351.952	735.344	794.944	0.393	540.562	1359.909	0.998	14.742
11/2/2017 22:45	89100	152.393	21.082	351.871	734.657	794.079	0.393	539.974	1361.18	0.998	14.745
11/2/2017 23:00	90000	152.429	21.076	351.953	734.427	793.926	0.393	539.87	1361.606	0.998	14.747
11/2/2017 23:15	90900	152.428	21.076	351.951	733.976	793.447	0.393	539.544	1362.442	0.998	14.741
11/2/2017 23:30	91800	152.433	21.073	351.963	735.475	795.131	0.393	540.689	1359.665	0.998	14.744
11/2/2017 23:45	92700	152.42	21.089	351.933	734.846	794.177	0.393	540.04	1360.83	0.998	14.749
11/3/2017 0:00	93600	152.419	21.086	351.93	734.328	793.659	0.393	539.688	1361.789	0.998	14.745
11/3/2017 0:15	94500	152.43	21.08	351.957	734.143	793.557	0.393	539.618	1362.132	0.998	14.75
11/3/2017 0:30	95400	152.426	21.092	351.947	733.204	792.339	0.392	538.791	1363.878	0.998	14.746
11/3/2017 0:45	96300	152.443	21.086	351.986	733.331	792.578	0.392	538.953	1363.641	0.998	14.744
11/3/2017 1:00	97200	152.406	21.075	351.9	734.029	793.516	0.393	539.591	1362.344	0.998	14.744
11/3/2017 1:15	98100	152.399	21.089	351.885	733.694	792.918	0.392	539.184	1362.966	0.998	14.746
11/3/2017 1:30	99000	152.457	21.089	352.019	732.665	791.813	0.392	538.433	1364.88	0.998	14.739
11/3/2017 1:45	99900	152.448	21.079	351.997	733.622	793.004	0.392	539.243	1363.1	0.998	14.743
11/3/2017 2:00	100800	152.446	21.077	351.992	732.376	791.693	0.392	538.351	1365.419	0.998	14.749
11/3/2017 2:15	101700	152.452	21.089	352.007	734.178	793.443	0.393	539.541	1362.068	0.998	14.748
11/3/2017 2:30	102600	152.418	21.078	351.93	733.681	793.089	0.392	539.301	1362.991	0.998	14.746
11/3/2017 2:45	103500	152.412	21.079	351.914	735.384	794.912	0.393	540.54	1359.834	0.998	14.751
11/3/2017 3:00	104400	152.447	21.09	351.994	733.411	792.596	0.392	538.965	1363.493	0.998	14.74
11/3/2017 3:15	105300	152.408	21.08	351.905	733.091	792.426	0.392	538.85	1364.087	0.998	14.745
11/3/2017 3:30	106200	152.42	21.087	351.932	732.351	791.508	0.392	538.225	1365.466	0.998	14.741
11/3/2017 3:45	107100	152.452	21.08	352.007	732.597	791.89	0.392	538.485	1365.008	0.998	14.742
11/3/2017 4:00	108000	152.459	21.082	352.029	733.529	792.882	0.392	539.16	1363.273	0.998	14.732
11/3/2017 4:15	108900	152.421	21.091	351.936	732.905	792.033	0.392	538.583	1364.433	0.998	14.736
11/3/2017 4:30	109800	152.417	21.072	351.926	733.31	792.796	0.392	539.102	1363.68	0.998	14.746
11/3/2017 4:45	110700	152.447	21.085	351.995	733.35	792.62	0.392	538.982	1363.605	0.998	14.744
11/3/2017 5:00	111600	152.455	21.093	352.015	731.946	790.976	0.391	537.863	1366.221	0.998	14.746
11/3/2017 5:15	112500	152.455	21.078	352.014	733.573	792.982	0.392	539.228	1363.192	0.998	14.745
11/3/2017 5:30	113400	152.415	21.073	351.922	736.198	795.897	0.394	541.21	1358.33	0.998	14.752
11/3/2017 5:45	114300	152.406	21.077	351.902	735.774	795.365	0.394	540.848	1359.113	0.998	14.75
11/3/2017 6:00	115200	152.466	21.069	352.039	735.494	795.193	0.394	540.731	1359.63	0.998	14.744
11/3/2017 6:15	116100	152.417	21.081	351.926	735.496	795.012	0.393	540.608	1359.626	0.998	14.748
11/3/2017 6:30	117000	152.469	21.081	352.046	734.815	794.262	0.393	540.098	1360.887	0.998	14.739
11/3/2017 6:45	117900	152.463	21.082	352.033	733.146	792.444	0.392	538.862	1363.984	0.998	14.738
11/3/2017 7:00	118800	152.426	21.09	351.947	732.72	791.861	0.392	538.465	1364.778	0.998	14.746
11/3/2017 7:15	119700	152.427	21.082	351.95	734.829	793.839	0.393	539.819	1361.596	0.998	14.74
11/3/2017 7:30	120600	152.455	21.089	352.014	735.058	794.394	0.393	540.188	1360.436	0.998	14.745
11/3/2017 7:45	121500	152.431	21.075	351.957	734.977	794.539	0.393	540.286	1360.588	0.998	14.748
11/3/2017 8:00	122400	152.458	21.082	352.02	735.517	795.017	0.393	540.611	1359.589	0.998	14.746
11/3/2017 8:15	123300	152.461	21.076	352.027	735.018	794.564	0.393	540.304	1360.51	0.998	14.749
11/3/2017 8:30	124200	152.429	21.068	351.955	737.199	797.052	0.394	541.395	1356.486	0.998	14.745
11/3/2017 8:45	125100	152.449	21.087	351.949	738.77	798.123	0.394	543.138	1353.601	0.998	14.75
11/3/2017 9:00	126000	152.428	21.073	351.952	739.373	799.331	0.396	543.545	1352.497	0.998	14.757
11/3/2017 9:15	126900	152.459	21.086	352.023	735.578	795.006	0.393	540.604	1359.476	0.998	14.758
11/3/2017 9:30	127800	152.477	21.079	352.065	735.38	794.915	0.393	540.542	1359.841	0.998	14.763
11/3/2017 9:45	128700	152.474	21.083	352.058	735.62	795.104	0.393	540.671	1359.398	0.998	14.763
11/3/2017 10:00	129600	152.482	21.079	352.076	737.91	797.649	0.395	542.401	1355.178	0.998	14.765
11/3/2017 10:15	130500	152.453	21.071	352.009	739.33	799.809	0.396	543.529	1352.577	0.998	14.767
11/3/2017 10:30	131400	152.449	21.079	351.999	737.058	796.726	0.394	541.774	1356.745	0.998	14.753
11/3/2017 10:45	132300	152.449	21.078	352.001	736.759	796.419	0.394	541.565	1357.295	0.998	14.762
11/3/2017 11:00	133200	152.46	21.082	352.026	735.441	794.936	0.393	540.556	1359.729	0.998	14.761
11/3/2017 11:15	134100	152.442	21.085	351.984	734.572	793.939	0.393	539.879	1361.338	0.998	14.761
11/3/2017 11:30	135000	152.484	21.088	352.082	734.187	793.479	0.393	539.566	1362.051	0.998	14.765
11/3/2017 11:45	135900	152.461	21.082	352.027	734.062	793.442	0.393	539.542	1362.283	0.998	14.763
11/3/2017 12:00	136800	152.465	21.086	352.036	734.435	793.777	0.393	539.768	1361.591	0.998	14.754
11/3/2017 12:15	137700	152.47	21.085	352.049	733.592	792.88	0.392	539.158	1363.156	0.998	14.752
11/3/2017 12:30	138600	152.509	21.085	352.138	733.632	792.93	0.392	539.193	1363.082	0.998	14.754
11/3/2017 12:45	139500	152.519	21.071	352.161	735.528	795.196	0.394	540.733	1359.567	0.998	14.745
11/3/2017 13:00	140400	152.517	21.073	352.157	737.169	796.95	0.394	541.926	1356.542	0.998	14.746
11/3/2017 13:15	141300	152.484	21.08	352.082	735.825	795.36	0.394	540.858	1359.019	0.998	14.745
11/3/2017 13:30	142200	152.486	21.079	352.086	736.227	795.832	0.394	541.165	1358.277	0.998	14.749
11/3/2017 13:45	143100	152.532	21.08	352.191	735.232	794.731	0.393	540.417	1360.116	0.998	14.747
11/3/2017 14:00	144000	152.523	21.084	352.172	732.813	792.063	0.392	538.603	1364.604	0.998	14.739
11/3/2017 14:15	144900	152.504	21.069								

11/4/2017 22:15	260100	152.594	21.08	352.196	738.049	797.787	0.395	542.495	1354.923	0.998	14.777
11/4/2017 22:30	261000	152.572	21.078	352.284	738.633	798.447	0.395	542.944	1353.852	0.998	14.776
11/4/2017 22:45	261900	152.568	21.078	352.275	739.071	798.912	0.395	543.26	1353.05	0.998	14.779
11/4/2017 23:00	262800	152.576	21.08	352.292	737.383	797.059	0.394	542	1356.147	0.998	14.777
11/4/2017 23:15	263700	152.528	21.074	352.183	738.306	798.16	0.395	542.749	1354.452	0.998	14.775
11/4/2017 23:30	264600	152.576	21.076	352.294	736.542	796.21	0.394	541.423	1357.695	0.998	14.772
11/4/2017 23:45	265500	152.563	21.085	352.263	737.235	796.823	0.394	541.84	1356.42	0.998	14.784
11/5/2017 0:00	266400	152.571	21.074	352.282	735.607	795.243	0.394	540.765	1359.422	0.998	14.774
11/5/2017 0:15	267300	152.562	21.082	352.26	735.943	795.473	0.394	540.922	1358.8	0.998	14.779
11/5/2017 0:30	268200	152.527	21.086	352.18	736.917	796.461	0.394	541.594	1357.005	0.998	14.783
11/5/2017 0:45	269100	152.567	21.079	352.273	735.943	795.526	0.394	540.958	1358.801	0.998	14.781
11/5/2017 1:00	270000	152.559	21.083	352.253	737.844	797.505	0.395	542.303	1355.3	0.998	14.782
11/5/2017 1:15	270900	152.533	21.089	352.193	736.963	796.455	0.394	541.589	1357.891	0.998	14.782
11/5/2017 1:30	271800	152.55	21.073	352.232	737.391	797.192	0.395	542.091	1356.133	0.998	14.782
11/5/2017 1:45	272700	152.55	21.082	352.233	735.641	795.136	0.393	540.693	1359.359	0.998	14.782
11/5/2017 2:00	273600	152.59	21.079	352.327	736.111	795.699	0.394	541.075	1358.491	0.998	14.778
11/5/2017 2:15	274500	152.593	21.078	352.332	736.847	796.513	0.394	541.629	1357.134	0.998	14.786
11/5/2017 2:30	275400	152.562	21.073	352.262	737.693	797.508	0.395	542.305	1355.577	0.998	14.783
11/5/2017 2:45	276300	152.597	21.068	352.341	738.331	798.275	0.395	542.827	1354.406	0.998	14.783
11/5/2017 2:00	277200	152.556	21.071	352.248	738.774	798.713	0.395	543.125	1353.594	0.998	14.781
11/5/2017 2:15	278100	152.561	21.072	352.259	738.892	798.827	0.395	543.202	1353.377	0.998	14.789
11/5/2017 2:30	279000	152.57	21.071	352.278	740.066	800.113	0.396	544.077	1351.231	0.998	14.782
11/5/2017 2:45	279900	152.609	21.07	352.37	742.305	802.543	0.397	545.729	1347.155	0.998	14.78
11/5/2017 3:00	280800	152.589	21.078	352.324	737.907	797.654	0.395	542.405	1355.185	0.998	14.79
11/5/2017 3:15	281700	152.574	21.075	352.288	737.804	797.606	0.395	542.372	1358.374	0.998	14.781
11/5/2017 3:30	282600	152.614	21.075	352.381	738.822	798.698	0.395	543.115	1353.507	0.998	14.786
11/5/2017 3:45	283500	152.611	21.075	352.374	738.949	798.835	0.395	543.208	1353.273	0.998	14.784
11/5/2017 4:00	284400	152.615	21.076	352.384	738.601	798.448	0.395	542.945	1353.911	0.998	14.782
11/5/2017 4:15	285300	152.621	21.08	352.398	738.31	798.062	0.395	542.682	1354.445	0.998	14.784
11/5/2017 4:30	286200	152.576	21.074	352.294	737.627	797.43	0.395	542.253	1355.699	0.998	14.788
11/5/2017 4:45	287100	152.612	21.087	352.377	740.728	800.557	0.396	542.279	1350.023	0.998	14.789
11/5/2017 5:00	288000	152.582	21.074	352.307	740.319	800.329	0.396	544.224	1350.769	0.998	14.792
11/5/2017 5:15	288900	152.572	21.069	352.284	739.081	799.071	0.396	543.368	1353.033	0.998	14.794
11/5/2017 5:30	289800	152.582	21.071	352.307	740.412	800.483	0.396	544.328	1350.599	0.998	14.79
11/5/2017 5:45	290700	152.589	21.073	352.324	740.557	800.599	0.396	544.407	1350.335	0.998	14.792
11/5/2017 6:00	291600	152.626	21.088	352.408	737.863	797.449	0.395	542.265	1355.266	0.998	14.791
11/5/2017 6:15	292500	152.583	21.098	352.395	735.795	795.209	0.394	540.742	1359.075	0.998	14.795
11/5/2017 6:30	293400	152.639	21.071	352.439	736.569	796.335	0.394	541.508	1357.646	0.998	14.793
11/5/2017 6:45	294300	152.619	21.08	352.392	738.886	798.683	0.395	543.105	1353.388	0.998	14.8
11/5/2017 7:00	295200	152.622	21.08	352.4	737.467	797.152	0.395	542.064	1355.992	0.998	14.801
11/5/2017 7:15	296100	152.615	21.083	352.382	737.68	797.338	0.395	542.19	1355.601	0.998	14.809
11/5/2017 7:30	297000	152.629	21.091	352.416	738.306	797.885	0.395	542.562	1354.452	0.998	14.803
11/5/2017 7:45	297900	152.627	21.083	352.4	737.26	796.873	0.394	541.873	1356.374	0.998	14.804
11/5/2017 8:00	298800	152.619	21.078	352.393	736.485	796.13	0.394	541.368	1357.801	0.998	14.813
11/5/2017 8:15	299700	152.633	21.076	352.424	737.69	797.451	0.395	542.266	1355.583	0.998	14.808
11/5/2017 8:30	300600	152.64	21.08	352.44	737.928	797.657	0.395	542.407	1355.147	0.998	14.809
11/5/2017 8:45	301500	152.641	21.086	352.444	736.805	796.34	0.394	541.511	1357.211	0.998	14.815
11/5/2017 9:00	302400	152.648	21.076	352.459	738.118	797.929	0.395	542.592	1354.797	0.998	14.812
11/5/2017 9:15	303300	152.646	21.085	352.463	736.803	796.28	0.394	541.471	1357.215	0.998	14.811
11/5/2017 9:30	304200	152.649	21.082	352.462	738.646	798.389	0.395	542.905	1353.828	0.998	14.816
11/5/2017 9:45	305100	152.651	21.085	352.467	737.539	797.15	0.395	542.062	1355.86	0.998	14.818
11/5/2017 10:00	306000	152.653	21.094	352.471	737.083	796.504	0.394	541.622	1356.7	0.998	14.816
11/5/2017 10:15	306900	152.663	21.087	352.495	735.996	795.453	0.394	540.908	1358.702	0.998	14.814
11/5/2017 10:30	307800	152.63	21.077	352.417	736.472	796.13	0.394	541.368	1357.825	0.998	14.814
11/5/2017 10:45	308700	152.63	21.085	352.417	737.324	796.907	0.394	541.897	1356.255	0.998	14.813
11/5/2017 11:00	309600	152.677	21.083	352.527	736.871	796.465	0.394	541.596	1357.089	0.998	14.813
11/5/2017 11:15	310500	152.641	21.074	352.444	737.364	797.364	0.395	542.207	1355.797	0.998	14.812
11/5/2017 11:30	311400	152.685	21.075	352.545	738.302	798.144	0.395	542.738	1354.459	0.998	14.805
11/5/2017 11:45	312300	152.645	21.081	352.452	739.562	799.405	0.396	543.595	1352.152	0.998	14.802
11/5/2017 12:00	313200	152.7	21.08	352.58	735.07	794.567	0.393	540.305	1360.415	0.998	14.803
11/5/2017 12:15	314100	152.696	21.085	352.571	736.891	796.453	0.394	541.588	1357.054	0.998	14.799
11/5/2017 12:30	315000	152.701	21.094	352.581	736.198	795.7	0.394	541.076	1358.331	0.998	14.794
11/5/2017 12:45	315900	152.667	21.084	352.504	736.4	795.938	0.394	541.238	1357.958	0.998	14.793
11/5/2017 13:00	316800	152.709	21.084	352.601	738.474	798.169	0.395	542.755	1354.145	0.998	14.786
11/5/2017 13:15	317700	152.717	21.08	352.618	735.565	795.103	0.393	540.67	1359.5	0.998	14.786
11/5/2017 13:30	318600	152.679	21.073	352.532	738.101	797.946	0.395	542.604	1354.829	0.998	14.78
11/5/2017 13:45	319500	152.681	21.074	352.535	740.098	800.1	0.396	544.068	1351.172	0.998	14.787
11/5/2017 14:00	320400	152.617	21.084	352.461	737.833	797.487	0.395	542.221	1355.321	0.998	14.789
11/5/2017 14:15	321300	152.675	21.079	352.521	737.996	797.741	0.395	542.464	1355.021	0.998	14.78
11/5/2017 14:30	322200	152.682	21.078	352.537	737.53	797.249	0.395	542.129	1355.877	0.998	14.778
11/5/2017 14:45	323100	152.681	21.087	352.536	736.124	795.577	0.394	540.992	1358.467	0.998	14.778
11/5/2017 15:00	324000	152.684	21.074	352.543	736.388	796.082	0.394	541.336	1357.979	0.998	14.781
11/5/2017 15:15	324900	152.736	21.079	352.663	737.067	796.734	0.394	541.779	1356.728	0.998	14.777
11/5/2017 15:30	325800	152.691	21.074	352.559	737.357	797.135	0.395	542.052	1355.196	0.998	14.782
11/5/2017 15:45	326700	152.679	21.082	352.531	738.228	797.936	0.395	542.596	1354.595	0.998	14.78
11/5/2017 16:00	327600	152.719	21.075	352.623	737.476	797.238	0.395	542.122	1355.975	0.998	14.777
11/5/2017 16:15	328500	152.711	21.08	352.604	737.174	796.833	0.394	541.846	1356.531	0.998	14.778
11/5/2017 16:30	329400	152.676	21.085	352.524	736.143	795.64	0.394	541.035	1358.432	0.998	14.776
11/5/2017 16:45	330300	152.703	21.082	352.586	736.03	795.56	0.394	540.981	1358.64	0.998	14.779
11/5/2017 17:00	331200	152.673	21.081	352.518	735.601	795.122	0.393	540.683	1359.433	0.998	14.774
11/5/2017 17:15	332100	152.67	21.078	352.511	736.073	795.684	0.394	541.065	1358.562	0.998	14.772
11/5/2017 17:30	333000	152.722	21.086	352.631	736.458	795.957	0.394	541.251	1357.85	0.998	14.766
11/5/2017 17:45	333900	152.695	21.088	352.568	734.992	794.339	0.393	540.15	1360.559	0.998	14.782
11/5/2017 18:00	334800										

11/7/2017 2:00	450000	152.71	21.065	352.602	745.31	805.885	0.399	548.002	1341.724	0.998	14.79
11/7/2017 2:15	450900	152.712	21.069	352.608	745.064	805.553	0.399	547.776	1342.167	0.998	14.789
11/7/2017 2:30	451800	152.772	21.081	352.746	741.795	801.816	0.397	545.235	1348.081	0.998	14.777
11/7/2017 2:45	452700	152.727	21.066	352.642	743.432	803.826	0.398	546.602	1345.114	0.998	14.782
11/7/2017 3:00	453600	152.764	21.076	352.727	744.139	804.43	0.398	547.012	1343.834	0.998	14.778
11/7/2017 3:15	454500	152.766	21.081	352.732	740.566	804.584	0.396	544.329	1350.318	0.998	14.779
11/7/2017 3:30	455400	152.755	21.076	352.661	741.596	801.684	0.397	545.145	1348.444	0.998	14.781
11/7/2017 3:45	456300	152.779	21.077	352.762	745.054	805.397	0.399	547.67	1342.184	0.998	14.779
11/7/2017 4:00	457200	152.736	21.086	352.663	742.395	802.38	0.397	545.618	1346.992	0.998	14.783
11/7/2017 4:15	458100	152.781	21.082	352.767	739.887	799.732	0.396	543.818	1351.558	0.998	14.777
11/7/2017 4:30	459000	152.747	21.079	352.689	738.681	798.476	0.395	542.964	1353.765	0.998	14.783
11/7/2017 4:45	459900	152.779	21.074	352.762	740.913	800.952	0.396	544.975	1349.656	0.998	14.781
11/7/2017 5:00	460800	152.777	21.077	352.757	741.015	801.034	0.397	544.703	1349.5	0.998	14.78
11/7/2017 5:15	461700	152.747	21.076	352.688	741.436	801.504	0.397	545.023	1348.735	0.998	14.789
11/7/2017 5:30	462600	152.757	21.085	352.711	741.43	801.348	0.397	544.916	1348.745	0.998	14.788
11/7/2017 5:45	463500	152.778	21.084	352.761	741.099	801.004	0.397	544.683	1349.347	0.998	14.795
11/7/2017 6:00	464400	152.761	21.071	352.719	740.228	800.291	0.396	544.198	1350.936	0.998	14.787
11/7/2017 6:15	465300	152.784	21.083	352.774	739.878	799.71	0.396	543.803	1351.575	0.998	14.791
11/7/2017 6:30	466200	152.753	21.074	352.705	739.889	799.873	0.396	543.913	1351.554	0.998	14.794
11/7/2017 6:45	467100	152.763	21.064	352.724	742.319	802.669	0.397	545.815	1347.13	0.998	14.791
11/7/2017 7:00	468000	152.801	21.078	352.813	742.201	802.305	0.397	545.567	1347.344	0.998	14.79
11/7/2017 7:15	468900	152.794	21.074	352.798	742.243	802.405	0.397	545.636	1347.268	0.998	14.791
11/7/2017 7:30	469800	152.795	21.086	352.799	740.977	800.841	0.396	544.572	1349.569	0.998	14.79
11/7/2017 7:45	470700	152.778	21.075	352.759	742.651	802.836	0.397	545.928	1346.527	0.998	14.792
11/7/2017 8:00	471600	152.767	21.069	352.734	742.547	802.817	0.397	545.916	1346.716	0.998	14.792
11/7/2017 8:15	472500	152.767	21.082	352.733	741.552	801.541	0.397	545.048	1348.523	0.998	14.791
11/7/2017 8:30	473400	152.79	21.078	352.787	742.361	802.481	0.397	545.687	1347.054	0.998	14.801
11/7/2017 8:45	474300	152.758	21.073	352.714	743.009	803.256	0.398	546.214	1345.878	0.998	14.801
11/7/2017 9:00	475200	152.773	21.083	352.748	741.877	801.87	0.397	545.272	1347.932	0.998	14.796
11/7/2017 9:15	476100	152.77	21.077	352.742	740.947	800.96	0.396	544.653	1349.624	0.998	14.796
11/7/2017 9:30	477000	152.822	21.084	352.861	740.18	800.024	0.396	544.016	1351.022	0.998	14.79
11/7/2017 9:45	477900	152.81	21.085	352.835	741.449	801.378	0.397	544.937	1348.71	0.998	14.788
11/7/2017 10:00	478800	152.818	21.082	352.853	738.945	798.708	0.395	543.122	1353.28	0.998	14.778
11/7/2017 10:15	479700	152.781	21.075	352.767	739.469	799.396	0.396	543.59	1352.323	0.998	14.784
11/7/2017 10:30	480600	152.815	21.078	352.845	742.524	802.652	0.397	545.803	1346.758	0.998	14.787
11/7/2017 10:45	481500	152.828	21.077	352.876	742.682	802.84	0.397	545.931	1346.471	0.998	14.782
11/7/2017 11:00	482400	152.826	21.089	352.87	743.18	803.513	0.398	546.389	1345.588	0.998	14.782
11/7/2017 11:15	483300	152.831	21.079	352.882	743.059	803.215	0.398	546.186	1345.789	0.998	14.784
11/7/2017 11:30	484200	152.856	21.077	352.94	741.83	801.911	0.397	545.3	1348.018	0.998	14.769
11/7/2017 11:45	485100	152.833	21.081	352.886	740.378	800.284	0.396	544.193	1350.661	0.998	14.777
11/7/2017 12:00	486000	152.828	21.091	352.876	739.91	799.617	0.396	543.739	1351.516	0.998	14.78
11/7/2017 12:15	486900	152.794	21.074	352.796	739.191	799.115	0.396	543.398	1352.831	0.998	14.769
11/7/2017 12:30	487800	152.818	21.091	352.813	738.111	798.743	0.395	543.143	1352.977	0.998	14.773
11/7/2017 12:45	488700	152.788	21.08	352.783	740.547	800.482	0.396	544.328	1350.353	0.998	14.771
11/7/2017 13:00	489600	152.829	21.082	352.877	742.319	802.357	0.397	545.603	1347.13	0.998	14.766
11/7/2017 13:15	490500	152.811	21.077	352.837	741.501	801.561	0.397	545.062	1348.617	0.998	14.762
11/7/2017 13:30	491400	152.812	21.075	352.837	742.665	802.85	0.397	545.938	1346.502	0.998	14.764
11/7/2017 13:45	492300	152.812	21.074	352.838	741.953	802.096	0.397	545.425	1347.794	0.998	14.763
11/7/2017 14:00	493200	152.857	21.078	352.837	741.518	801.559	0.397	545.96	1348.586	0.998	14.764
11/7/2017 14:15	494100	152.868	21.083	352.967	740.932	800.848	0.396	544.577	1349.652	0.998	14.76
11/7/2017 14:30	495000	152.85	21.072	352.926	741.773	801.935	0.397	545.316	1348.122	0.998	14.764
11/7/2017 14:45	495900	152.815	21.075	352.844	741.432	801.516	0.397	545.031	1348.741	0.998	14.766
11/7/2017 15:00	496800	152.824	21.071	352.866	742.176	802.391	0.397	545.626	1347.39	0.998	14.758
11/7/2017 15:15	497700	152.817	21.08	352.85	742.193	802.255	0.397	545.533	1347.358	0.998	14.756
11/7/2017 15:30	498600	152.869	21.075	352.969	741.657	801.766	0.397	545.201	1348.333	0.998	14.756
11/7/2017 15:45	499500	152.823	21.086	352.865	739.088	798.803	0.395	543.186	1353.019	0.998	14.754
11/7/2017 16:00	500400	152.834	21.063	352.89	740.65	800.87	0.396	544.592	1350.165	0.998	14.751
11/7/2017 16:15	501300	152.831	21.067	352.882	744.634	805.119	0.399	547.481	1342.941	0.998	14.758
11/7/2017 16:30	502200	152.83	21.075	352.88	744.004	804.298	0.398	546.923	1344.078	0.998	14.754
11/7/2017 16:45	503100	152.815	21.072	352.845	744.584	804.978	0.399	547.385	1343.031	0.998	14.754
11/7/2017 17:00	504000	152.821	21.078	352.859	743.711	803.935	0.398	546.676	1344.608	0.998	14.752
11/7/2017 17:15	504900	152.812	21.081	352.839	742.281	802.339	0.397	545.589	1347.199	0.998	14.749
11/7/2017 17:30	505800	152.835	21.082	352.892	743.559	803.711	0.398	546.523	1344.883	0.998	14.759
11/7/2017 17:45	506700	152.85	21.089	352.927	739.55	799.25	0.396	543.49	1352.173	0.998	14.756
11/7/2017 18:00	507600	152.84	21.082	352.903	739.554	799.368	0.396	543.57	1352.166	0.998	14.755
11/7/2017 18:15	508500	152.824	21.078	352.867	740.051	799.972	0.396	543.981	1351.259	0.998	14.761
11/7/2017 18:30	509400	152.833	21.083	352.887	739.52	799.318	0.396	543.536	1352.228	0.998	14.764
11/7/2017 18:45	510300	152.78	21.08	352.765	740.985	799.803	0.396	543.841	1351.561	0.998	14.768
11/7/2017 19:00	511200	152.827	21.082	352.874	741.238	801.192	0.397	544.811	1349.094	0.998	14.758
11/7/2017 19:15	512100	152.82	21.085	352.857	740.165	799.982	0.396	543.987	1351.05	0.998	14.758
11/7/2017 19:30	513000	152.815	21.089	352.846	738.833	798.484	0.395	542.969	1353.486	0.998	14.764
11/7/2017 19:45	513900	152.787	21.088	352.78	738.479	798.114	0.395	542.717	1354.134	0.998	14.754
11/7/2017 20:00	514800	152.814	21.072	352.843	739.802	799.803	0.396	543.866	1351.714	0.998	14.765
11/7/2017 20:15	515700	152.764	21.077	352.728	741.879	803.728	0.397	545.345	1347.929	0.998	14.758
11/7/2017 20:30	516600	152.753	21.086	352.701	740.068	799.86	0.396	543.904	1351.227	0.998	14.759
11/7/2017 20:45	517500	152.747	21.086	352.688	740.469	800.305	0.396	544.207	1350.495	0.998	14.763
11/7/2017 21:00	518400	152.755	21.079	352.707	740.363	800.294	0.396	544.2	1350.689	0.998	14.766
11/7/2017 21:15	519300	152.744	21.066	352.682	741.963	802.235	0.397	545.52	1347.776	0.998	14.768
11/7/2017 21:30	520200	152.751	21.059	352.698	747.421	808.259	0.4	549.616	1337.934	0.998	14.769
11/7/2017 21:45	521100	152.765	21.072	352.73	745.8	806.765	0.399	548.22	1340.842	0.998	14.768
11/7/2017 22:00	522000	152.719	21.077	352.624	742.678	802.834	0.397	545.927	1346.478	0.998	14.776
11/7/2017 22:15	522900	152.752	21.082	352.7	743.156	803.26	0.398	546.217	1345.613	0.998	14.777
11/7/2017 22:30	523800	152.745	21.078	352.684	743.726	803.953	0.398	546.688	1344.58	0.998	14.772
11/7/2017											

11/2/2017 22:45	89100	70.055	16.808	157.806	37969.258	45011.918	29.264	30608.107	26.337	1.021
11/2/2017 23:00	90000	70.08	16.808	157.862	44996.598	45011.918	29.264	30597.689	26.346	1.021
11/2/2017 23:15	90900	70.08	16.808	157.862	37974.953	45019.117	29.269	30613	26.333	1.021
11/2/2017 23:30	91800	70.063	16.812	157.824	37982.77	45024.266	29.273	30616.5	26.328	1.021
11/2/2017 23:45	92700	70.072	16.804	157.843	37967.816	45014.145	29.265	30609.621	26.338	1.021
11/3/2017 0:00	93600	70.071	16.811	157.841	37975.488	45016.613	29.267	30611.297	26.333	1.021
11/3/2017 0:15	94500	70.088	16.808	157.879	37966.832	45009.582	29.262	30606.518	26.339	1.021
11/3/2017 0:30	95400	70.092	16.797	157.89	37944.813	44994.48	29.251	30596.246	26.354	1.021
11/3/2017 0:45	96300	70.079	16.799	157.861	37964.02	45015.547	29.266	30610.572	26.341	1.021
11/3/2017 1:00	97200	70.095	16.803	157.895	37960.785	45007.32	29.26	30604.98	26.343	1.021
11/3/2017 1:15	98100	70.093	16.803	157.892	37953.344	44998.32	29.254	30598.867	26.348	1.021
11/3/2017 1:30	99000	70.079	16.8	157.86	37990.664	45045.977	29.288	30631.266	26.322	1.021
11/3/2017 1:45	99900	70.1	16.793	157.907	37946.027	44999.5	29.254	30599.66	26.353	1.021
11/3/2017 2:00	100800	70.096	16.796	157.897	37939.828	44989.457	29.247	30592.832	26.358	1.021
11/3/2017 2:15	101700	70.078	16.812	157.858	37955.93	44992.363	29.25	30594.809	26.346	1.021
11/3/2017 2:30	102600	70.079	16.798	157.861	37952.844	45002.926	29.257	30601.992	26.348	1.021
11/3/2017 2:45	103500	70.075	16.802	157.85	37942.691	44986.59	29.245	30590.883	26.356	1.021
11/3/2017 3:00	104400	70.079	16.803	157.861	37926.324	44966.652	29.231	30577.326	26.367	1.021
11/3/2017 3:15	105300	70.076	16.796	157.853	37964.109	45017.977	29.267	30612.227	26.341	1.021
11/3/2017 3:30	106200	70.077	16.806	157.856	37980.73	45027.758	29.275	30618.875	26.329	1.021
11/3/2017 3:45	107100	70.069	16.804	157.838	37982.426	45031.559	29.278	30621.461	26.328	1.021
11/3/2017 4:00	108000	70.068	16.804	157.834	37980.191	45028.91	29.276	30619.662	26.33	1.021
11/3/2017 4:15	108900	70.085	16.795	157.872	37954.344	45007.387	29.26	30605.023	26.347	1.021
11/3/2017 4:30	109800	70.065	16.803	157.828	37952.063	44997.348	29.253	30598.197	26.349	1.021
11/3/2017 4:45	110700	70.068	16.797	157.835	37960.27	45012.98	29.264	30608.828	26.343	1.021
11/3/2017 5:00	111600	70.076	16.804	157.854	37947.594	44990.535	29.248	30593.564	26.352	1.021
11/3/2017 5:15	112500	70.058	16.812	157.813	37967.707	45006.504	29.26	30604.426	26.338	1.021
11/3/2017 5:30	113400	70.057	16.81	157.81	37983.223	45027.043	29.275	30618.391	26.327	1.021
11/3/2017 5:45	114300	70.056	16.807	157.808	37941.969	44981.262	29.242	30587.26	26.356	1.021
11/3/2017 6:00	115200	70.056	16.801	157.809	37986.992	45040.016	29.284	30627.213	26.325	1.021
11/3/2017 6:15	116100	70.055	16.804	157.807	37955.184	44999.168	29.254	30599.436	26.347	1.021
11/3/2017 6:30	117000	70.059	16.796	157.814	37964.402	45018.504	29.268	30612.584	26.34	1.021
11/3/2017 6:45	117900	70.053	16.804	157.802	37973.145	45020.902	29.27	30614.217	26.334	1.021
11/3/2017 7:00	118800	70.055	16.81	157.807	37993.77	45039.27	29.284	30626.705	26.32	1.021
11/3/2017 7:15	119700	70.057	16.806	157.811	37931.719	44969.477	29.233	30579.246	26.363	1.021
11/3/2017 7:30	120600	70.076	16.808	157.853	37968.258	45010.734	29.263	30607.301	26.338	1.021
11/3/2017 7:45	121500	70.077	16.81	157.855	37958.609	44997.863	29.254	30598.549	26.344	1.021
11/3/2017 8:00	122400	70.064	16.815	157.825	37972.617	45008.824	29.262	30606	26.335	1.021
11/3/2017 8:15	123300	70.065	16.812	157.828	37991.309	45033.762	29.28	30622.961	26.322	1.021
11/3/2017 8:30	124200	70.067	16.812	157.833	37979.77	45020.801	29.27	30614.145	26.33	1.021
11/3/2017 8:45	125100	70.085	16.811	157.872	37964.223	45003.086	29.258	30602.1	26.341	1.021
11/3/2017 9:00	126000	70.092	16.812	157.888	37974.746	45014.934	29.266	30610.154	26.333	1.021
11/3/2017 9:15	126900	70.08	16.806	157.863	37956.398	44999.363	29.255	30599.568	26.346	1.021
11/3/2017 9:30	127800	70.088	16.797	157.88	37957.059	45008.813	29.261	30605.994	26.346	1.021
11/3/2017 9:45	128700	70.104	16.798	157.916	37979.211	45034.453	29.279	30623.428	26.33	1.021
11/3/2017 10:00	129600	70.099	16.807	157.905	37966.18	45009.066	29.262	30606.166	26.339	1.021
11/3/2017 10:15	130500	70.116	16.809	157.943	37957.859	44997.691	29.254	30598.43	26.345	1.021
11/3/2017 10:30	131400	70.102	16.808	157.912	37961.246	45002.422	29.257	30601.648	26.343	1.021
11/3/2017 10:45	132300	70.109	16.808	157.927	37989.379	45035.59	29.281	30624.203	26.323	1.021
11/3/2017 11:00	133200	70.131	16.807	157.976	37961.199	45003.344	29.258	30602.273	26.343	1.021
11/3/2017 11:15	134100	70.12	16.8	157.952	37967.176	45018.309	29.268	30612.451	26.339	1.021
11/3/2017 11:30	135000	70.121	16.805	157.955	37969.445	45015.887	29.266	30610.803	26.337	1.021
11/3/2017 11:45	135900	70.142	16.801	158.001	37962.453	45011.277	29.263	30607.67	26.342	1.021
11/3/2017 12:00	136800	70.132	16.814	157.98	37952	44985.746	29.245	30590.309	26.349	1.021
11/3/2017 12:15	137700	70.133	16.801	157.981	37958.168	45006.375	29.259	30604.338	26.345	1.021
11/3/2017 12:30	138600	70.136	16.81	157.988	37976.168	45018.32	29.269	30612.461	26.332	1.021
11/3/2017 12:45	139500	70.138	16.797	157.993	37978.973	45034.438	29.279	30623.418	26.33	1.021
11/3/2017 13:00	140400	70.141	16.803	157.999	37961.949	45009.07	29.261	30606.168	26.342	1.021
11/3/2017 13:15	141300	70.157	16.801	158.036	37973.684	45024.594	29.273	30616.727	26.334	1.021
11/3/2017 13:30	142200	70.142	16.802	158.002	37985.254	45036.871	29.281	30625.074	26.326	1.021
11/3/2017 13:45	143100	70.156	16.809	158.033	37942.395	44979.172	29.24	30585.84	26.356	1.021
11/3/2017 14:00	144000	70.141	16.809	158	37976.984	45020.449	29.27	30613.906	26.332	1.021
11/3/2017 14:15	144900	70.142	16.802	158.001	37951.039	44996.934	29.253	30597.918	26.35	1.021
11/3/2017 14:30	145800	70.141	16.802	158	37943.129	44987.828	29.246	30591.725	26.355	1.021
11/3/2017 14:45	146700	70.136	16.804	157.989	37957.953	45003.344	29.257	30602.273	26.345	1.021
11/3/2017 15:00	147600	70.138	16.805	157.992	37972.625	45019.656	29.269	30613.369	26.335	1.021
11/3/2017 15:15	148500	70.133	16.802	157.981	37996.109	45050.645	29.291	30634.441	26.318	1.021
11/3/2017 15:30	149400	70.125	16.8	157.962	37968.355	45019.258	29.269	30613.096	26.338	1.021
11/3/2017 15:45	150300	70.125	16.802	157.964	37953.887	44999.961	29.255	30599.977	26.348	1.021
11/3/2017 16:00	151200	70.12	16.8	157.952	37985.09	45039.012	29.283	30626.529	26.326	1.021
11/3/2017 16:15	152100	70.134	16.807	157.983	37950.91	44991.426	29.249	30594.172	26.35	1.021
11/3/2017 16:30	153000	70.114	16.796	157.94	37981.949	45039.492	29.283	30626.857	26.328	1.021
11/3/2017 16:45	153900	70.106	16.797	157.92	37954.73	45006.055	29.259	30604.119	26.347	1.021
11/3/2017 17:00	154800	70.102	16.793	157.912	37932.688	44984.105	29.243	30589.193	26.362	1.021
11/3/2017 17:15	155700	70.112	16.803	157.933	37968.711	45016.379	29.267	30611.139	26.337	1.021
11/3/2017 17:30	156600	70.089	16.803	157.883	37953.09	44998.031	29.253	30598.664	26.348	1.021
11/3/2017 17:45	157500	70.106	16.808	157.921	37961.219	45002.301	29.257	30601.566	26.343	1.021
11/3/2017 18:00	158400	70.085	16.796	157.872	37949.59	45001.305	29.255	30600.887	26.351	1.021
11/3/2017 18:15	159300	70.081	16.796	157.864	37941.797	44992.141	29.249	30594.658	26.356	1.021
11/3/2017 18:30	160200	70.075	16.794	157.851	37943.625	44996.547	29.252	30597.654	26.355	1.021
11/3/2017 18:45	161100	70.078	16.801	157.857	37990.023	45043.867	29.286	30629.832	26.323	1.021
11/3/2017 19:00	162000	70.067	16.807	157.832	37977.48	45022.926	29.272	30615.592	26.331	1.021
11/3/2017 19:15	162900	70.065	16.804	157.827	38011.703	45066.719	29.303	30645.371	26.308	1.021
11/3/2017 19:30	163800	70.079	16.807	157.861	37964.914	45008.195	29.261	30605.574	26.34	1.021
11/3/2017 19:45	164700	70.059	16.809	157.814	37938.113	44974.094	29.236	30582.387	26.359	1.021
11/3/2017 20:00	165600	70.076	16.802	157.852	37958.113	45005.504	29.259	30603.744	26.345	1.021
11/3/2017 20:15	166500	70.057	16.812	157.811	37983.414	45024.406	29.273	30616.596	26.327	1.021
11/3/2017 20:30	167400	70.06	16.804	157.817	379					

11/4/2017 19:15	249300	70.126	16.807	157.966	37980.543	45026.191	29.274	30617.811	26.329	1.021
11/4/2017 19:30	250200	70.123	16.809	157.96	37972.617	45015.27	29.266	30610.385	26.335	1.021
11/4/2017 19:45	251100	70.12	16.805	157.952	37963.105	45007.664	29.261	30605.213	26.341	1.021
11/4/2017 20:00	252000	70.119	16.807	157.95	37963.531	45006.738	29.26	30604.584	26.341	1.021
11/4/2017 20:15	252900	70.095	16.808	157.897	37960.785	45001.961	29.257	30601.336	26.343	1.021
11/4/2017 20:30	253800	70.111	16.818	157.932	37959.941	44991.137	29.249	30593.973	26.344	1.021
11/4/2017 20:45	254700	70.092	16.801	157.89	37942.902	44988.18	29.246	30591.965	26.355	1.021
11/4/2017 21:00	255600	70.092	16.806	157.888	37966.031	45010.598	29.263	30607.209	26.339	1.021
11/4/2017 21:15	256500	70.089	16.802	157.882	37958.41	45006.953	29.26	30604.73	26.344	1.021
11/4/2017 21:30	257400	70.1	16.821	157.908	37972.035	45002.242	29.258	30601.525	26.335	1.021
11/4/2017 21:45	258300	70.106	16.806	157.921	37951.391	44993.063	29.25	30595.285	26.349	1.021
11/4/2017 22:00	259200	70.092	16.805	157.89	37969.477	45015.574	29.266	30610.592	26.337	1.021
11/4/2017 22:15	260100	70.092	16.81	157.888	37975.102	45016.707	29.267	30611.363	26.333	1.021
11/4/2017 22:30	261000	70.106	16.804	157.921	37988.32	45039.078	29.283	30626.576	26.324	1.021
11/4/2017 22:45	261900	70.092	16.806	157.888	37992.066	45041.727	29.285	30628.377	26.321	1.021
11/4/2017 23:00	262800	70.098	16.803	157.902	37982.027	45032.695	29.278	30622.234	26.328	1.021
11/4/2017 23:15	263700	70.112	16.811	157.935	37966.949	45006.148	29.26	30604.184	26.339	1.021
11/4/2017 23:30	264600	70.096	16.809	157.898	37976.77	45019.57	29.269	30613.311	26.332	1.021
11/4/2017 23:45	265500	70.103	16.802	157.914	37958.316	45005.297	29.259	30603.604	26.345	1.021
11/5/2017 0:00	266400	70.109	16.795	157.928	37986.98	45046.086	29.288	30631.34	26.325	1.021
11/5/2017 0:15	267300	70.119	16.804	157.951	37956.664	45000.836	29.256	30600.57	26.346	1.021
11/5/2017 0:30	268200	70.128	16.816	157.971	37997.699	45037.676	29.283	30625.619	26.317	1.021
11/5/2017 0:45	269100	70.116	16.804	157.943	37969.824	45016.969	29.267	30611.539	26.337	1.021
11/5/2017 1:00	270000	70.115	16.813	157.941	37974.82	45014.031	29.266	30609.543	26.333	1.021
11/5/2017 1:15	270900	70.121	16.809	157.954	37962.441	45002.934	29.257	30601.998	26.342	1.021
11/5/2017 1:30	271800	70.134	16.805	157.983	37959.402	45003.18	29.257	30602.164	26.344	1.021
11/5/2017 1:45	272700	70.143	16.812	158.004	37988.391	45030.672	29.278	30620.859	26.324	1.021
11/5/2017 2:00	273600	70.125	16.806	157.962	37966.738	45011.172	29.263	30607.6	26.339	1.021
11/5/2017 2:15	274500	70.147	16.801	158.013	37940.809	44985.699	29.244	30590.277	26.357	1.021
11/5/2017 2:30	275400	70.132	16.812	157.979	37992.797	45035.969	29.281	30624.461	26.321	1.021
11/5/2017 2:45	276300	70.154	16.811	158.028	38003.93	45050.699	29.292	30634.479	26.313	1.021
11/5/2017 2:00	277200	70.149	16.806	158.017	37969.195	45014.262	29.265	30609.701	26.337	1.021
11/5/2017 2:15	278100	70.134	16.801	157.984	37956.543	45004.27	29.258	30602.906	26.346	1.021
11/5/2017 2:30	279000	70.138	16.808	157.992	37973.258	45016.66	29.267	30611.332	26.334	1.021
11/5/2017 2:45	279900	70.14	16.805	157.998	37969.918	45016.023	29.267	30610.896	26.337	1.021
11/5/2017 3:00	280800	70.142	16.798	158.002	37945.547	44994.547	29.251	30596.295	26.353	1.021
11/5/2017 3:15	281700	70.142	16.799	158.002	37966.5	45018.035	29.268	30612.264	26.339	1.021
11/5/2017 3:30	282600	70.156	16.799	158.034	37972.629	45024.953	29.273	30616.971	26.335	1.021
11/5/2017 3:45	283500	70.141	16.807	158	37936.016	44973.309	29.236	30581.852	26.36	1.021
11/5/2017 4:00	284400	70.138	16.806	157.992	37977.289	45023.5	29.272	30615.982	26.332	1.021
11/5/2017 4:15	285300	70.137	16.804	157.99	37983.285	45032.758	29.279	30622.275	26.327	1.021
11/5/2017 4:30	286200	70.139	16.803	157.996	37948.668	44992.43	29.249	30594.852	26.351	1.021
11/5/2017 4:45	287100	70.136	16.803	157.988	37965.371	45013.031	29.264	30608.861	26.34	1.021
11/5/2017 5:00	288000	70.132	16.807	157.979	37960.754	45003.445	29.258	30602.344	26.343	1.021
11/5/2017 5:15	288900	70.15	16.811	158.02	37968.977	45008.895	29.262	30606.051	26.337	1.021
11/5/2017 5:30	289800	70.131	16.8	157.976	37970.469	45022.031	29.271	30614.984	26.336	1.021
11/5/2017 5:45	290700	70.132	16.807	157.979	37961.438	45004.074	29.258	30602.773	26.343	1.021
11/5/2017 6:00	291600	70.149	16.804	158.018	37940.516	44982.5	29.242	30588.1	26.357	1.021
11/5/2017 6:15	292500	70.133	16.807	157.982	37942.504	44981.813	29.242	30587.635	26.356	1.021
11/5/2017 6:30	293400	70.144	16.814	158.006	37998.18	45040.309	29.285	30627.41	26.317	1.021
11/5/2017 6:45	294300	70.134	16.816	157.984	37959.813	44992.941	29.25	30595.203	26.344	1.021
11/5/2017 7:00	295200	70.146	16.802	158.011	37972.281	45021.77	29.271	30614.803	26.335	1.021
11/5/2017 7:15	296100	70.15	16.807	158.019	37964.453	45007.566	29.261	30605.146	26.34	1.021
11/5/2017 7:30	297000	70.135	16.804	157.985	37960.664	45006.105	29.259	30604.154	26.343	1.021
11/5/2017 7:45	297900	70.156	16.805	158.032	37990.09	45039.836	29.284	30627.088	26.323	1.021
11/5/2017 8:00	298800	70.142	16.804	158.002	37968.676	45015.34	29.266	30610.434	26.337	1.021
11/5/2017 8:15	299700	70.142	16.806	158.001	37972.184	45018.078	29.286	30612.295	26.335	1.021
11/5/2017 8:30	300600	70.149	16.801	158.018	37989.625	45043.137	29.268	30629.336	26.323	1.021
11/5/2017 8:45	301500	70.15	16.801	158.02	37983.594	45035.898	29.281	30624.414	26.327	1.021
11/5/2017 9:00	302400	70.154	16.805	158.029	37964.254	45009.121	29.262	30606.205	26.341	1.021
11/5/2017 9:15	303300	70.158	16.808	158.038	37995.289	45043.496	29.287	30629.58	26.319	1.021
11/5/2017 9:30	304200	70.163	16.804	158.049	37943.332	44985.66	29.245	30590.252	26.355	1.021
11/5/2017 9:45	305100	70.168	16.802	158.061	37969.504	45019.102	29.269	30612.992	26.337	1.021
11/5/2017 10:00	306000	70.173	16.809	158.072	37978.617	45022.035	29.271	30614.986	26.331	1.021
11/5/2017 10:15	306900	70.177	16.808	158.082	37997.977	45046.504	29.289	30631.625	26.317	1.021
11/5/2017 10:30	307800	70.178	16.808	158.084	37983.313	45028.582	29.276	30619.436	26.327	1.021
11/5/2017 10:45	308700	70.205	16.805	158.143	37961.344	45005.48	29.259	30603.727	26.343	1.021
11/5/2017 11:00	309600	70.206	16.803	158.145	37975.063	45024.34	29.272	30616.553	26.333	1.021
11/5/2017 11:15	310500	70.213	16.808	158.161	38020.371	45072.598	29.308	30649.369	26.302	1.021
11/5/2017 11:30	311400	70.215	16.806	158.167	37970.043	45014.816	29.266	30610.076	26.337	1.021
11/5/2017 11:45	312300	70.223	16.807	158.184	37975.543	45020.98	29.27	30614.27	26.333	1.021
11/5/2017 12:00	313200	70.209	16.808	158.153	37959.172	45000.23	29.255	30600.156	26.344	1.021
11/5/2017 12:15	314100	70.231	16.811	158.201	37980.324	45022.004	29.271	30614.963	26.329	1.021
11/5/2017 12:30	315000	70.217	16.796	158.171	37977.133	45033.418	29.279	30622.727	26.332	1.021
11/5/2017 12:45	315900	70.222	16.801	158.182	37989.367	45042.742	29.286	30629.066	26.323	1.021
11/5/2017 13:00	316800	70.227	16.801	158.192	37936.82	44981.063	29.241	30587.123	26.36	1.021
11/5/2017 13:15	317700	70.222	16.81	158.181	37965.883	45005.68	29.259	30603.865	26.339	1.021
11/5/2017 13:30	318600	70.245	16.801	158.235	37962.977	45011.797	29.263	30608.023	26.341	1.021
11/5/2017 13:45	319500	70.241	16.808	158.225	37980.992	45025.914	29.274	30617.623	26.329	1.021
11/5/2017 14:00	320400	70.23	16.809	158.201	37996.648	45043.484	29.287	30629.572	26.318	1.021
11/5/2017 14:15	321300	70.223	16.805	158.184	37954.781	44997.891	29.253	30598.568	26.347	1.021
11/5/2017 14:30	322200	70.227	16.804	158.192	37953.402	44997.598	29.253	30598.367	26.348	1.021
11/5/2017 14:45	323100	70.237	16.813	158.215	37978.879	45018.945	29.269	30612.885	26.33	1.021
11/5/2017 15:00	324000	70.221	16.807	158.18	37981.824	45028.16	29.275	30619.15	26.328	1.021
11/5/2017 15:15	324900	70.232	16.811	158.205	37990.141	45034.074	29.28	30623.17	26.323	1.021
11/5/2017 15:30	325800	70.21	16.812	158.156	37966.57	45005.063	29.259	30603.445	26.339	1.021
11/5/2017 15:45	326700	70.208	16.803	158.151	37955.504	45001.063	29.256	30600.723	26.347	1.021
11/5/2017 16:00	327600	70.203</								

11/6/2017 14:45	409500	70.275	16.807	158.302	37989.449	45037.285	29.282	30625.355	26.323	1.021
11/6/2017 15:00	410400	70.272	16.805	158.295	37987.145	45036.785	29.282	30625.016	26.325	1.021
11/6/2017 15:15	411300	70.269	16.813	158.288	37954.895	44990.41	29.248	30593.479	26.347	1.021
11/6/2017 15:30	412200	70.287	16.804	158.293	38014.902	45070.063	29.306	30647.645	26.305	1.021
11/6/2017 15:45	413100	70.266	16.804	158.281	37996.035	45048.043	29.29	30632.672	26.319	1.021
11/6/2017 16:00	414000	70.278	16.802	158.308	37982.695	45034.117	29.279	30623.201	26.328	1.021
11/6/2017 16:15	414900	70.255	16.799	158.257	37976.031	45029.617	29.276	30620.143	26.332	1.021
11/6/2017 16:30	415800	70.254	16.805	158.253	37956.418	44999.828	29.255	30599.885	26.346	1.021
11/6/2017 16:45	416700	70.265	16.803	158.278	37946.488	44989.93	29.248	30593.152	26.353	1.021
11/6/2017 17:00	417600	70.257	16.81	158.26	37951.223	44988.398	29.247	30592.113	26.35	1.021
11/6/2017 17:15	418500	70.238	16.796	158.219	37954.313	45006.984	29.259	30604.752	26.347	1.021
11/6/2017 17:30	419400	70.247	16.8	158.239	37970.25	45021.051	29.27	30614.314	26.336	1.021
11/6/2017 17:45	420300	70.221	16.805	158.179	37985.313	45034.527	29.28	30623.48	26.326	1.021
11/6/2017 18:00	421200	70.232	16.809	158.203	37966.883	45008.293	29.261	30605.641	26.339	1.021
11/6/2017 18:15	422100	70.212	16.806	158.16	37985.91	45034.43	29.28	30623.414	26.326	1.021
11/6/2017 18:30	423000	70.204	16.808	158.14	37978.457	45023.539	29.272	30616.008	26.331	1.021
11/6/2017 18:45	423900	70.195	16.811	158.121	37964.195	45003.055	29.258	30602.08	26.341	1.021
11/6/2017 19:00	424800	70.189	16.799	158.108	37958.215	45008.039	29.26	30605.469	26.345	1.021
11/6/2017 19:15	425700	70.202	16.813	158.138	37979.723	45019.586	29.27	30613.32	26.33	1.021
11/6/2017 19:30	426600	70.181	16.812	158.13	37943.34	44977.617	29.239	30584.781	26.355	1.021
11/6/2017 19:45	427500	70.175	16.805	158.077	37971.414	45017.344	29.268	30611.795	26.336	1.021
11/6/2017 20:00	428400	70.168	16.809	158.059	37999.477	45047.301	29.289	30632.166	26.316	1.021
11/6/2017 20:15	429300	70.159	16.81	158.04	37973.188	45014.703	29.266	30609.998	26.334	1.021
11/6/2017 20:30	430200	70.175	16.804	158.077	37982.926	45032.332	29.278	30621.988	26.328	1.021
11/6/2017 20:45	431100	70.168	16.818	158.059	37979.848	45014.102	29.266	30609.59	26.33	1.021
11/6/2017 21:00	432000	70.17	16.807	158.064	37961.551	45003.941	29.258	30602.68	26.342	1.021
11/6/2017 21:15	432900	70.165	16.805	158.052	37979.957	45028.352	29.275	30619.279	26.33	1.021
11/6/2017 21:30	433800	70.146	16.808	158.01	37977.617	45021.828	29.271	30614.846	26.331	1.021
11/6/2017 21:45	434700	70.157	16.811	158.035	37986.457	45029.445	29.277	30620.025	26.325	1.021
11/6/2017 22:00	435600	70.159	16.809	158.041	37962.711	45003.797	29.258	30602.582	26.342	1.021
11/6/2017 22:15	436500	70.138	16.811	157.992	37969.199	45009.25	29.262	30606.293	26.337	1.021
11/6/2017 22:30	437400	70.141	16.801	158	37965.867	45015.047	29.266	30610.232	26.339	1.021
11/6/2017 22:45	438300	70.142	16.8	158.001	37987.145	45041.637	29.285	30628.313	26.325	1.021
11/6/2017 23:00	439200	70.157	16.808	158.035	37973.297	45017.156	29.268	30611.668	26.334	1.021
11/6/2017 23:15	440100	70.141	16.803	158	37970.992	45019.082	29.269	30612.979	26.336	1.021
11/6/2017 23:30	441000	70.16	16.807	158.042	37947.309	44987.508	29.246	30591.508	26.352	1.021
11/6/2017 23:45	441900	70.159	16.808	158.041	37965.063	45007.297	29.26	30604.965	26.34	1.021
11/7/2017 0:00	442800	70.148	16.809	158.015	37964.559	45005.719	29.259	30603.889	26.34	1.021
11/7/2017 0:15	443700	70.144	16.81	158.006	37963.156	45003.348	29.258	30602.279	26.341	1.021
11/7/2017 0:30	444600	70.168	16.814	158.06	37993.52	45034.332	29.28	30623.346	26.32	1.021
11/7/2017 0:45	445500	70.153	16.804	158.027	37974.18	45021.961	29.271	30614.936	26.334	1.021
11/7/2017 1:00	446400	70.156	16.803	158.033	37967.07	45014.605	29.265	30609.934	26.339	1.021
11/7/2017 1:15	447300	70.175	16.816	158.075	38003.793	45044.723	29.288	30630.412	26.313	1.021
11/7/2017 1:30	448200	70.179	16.813	158.085	37979.035	45018.949	29.269	30612.889	26.33	1.021
11/7/2017 1:45	449100	70.164	16.81	158.05	37988.637	45033.188	29.279	30622.57	26.324	1.021
11/7/2017 2:00	450000	70.168	16.809	158.059	37969.602	45011.164	29.263	30607.594	26.337	1.021
11/7/2017 2:15	450900	70.172	16.812	158.07	37986.91	45029.266	29.277	30619.902	26.325	1.021
11/7/2017 2:30	451800	70.17	16.815	158.065	37966.438	45001.871	29.257	30601.275	26.339	1.021
11/7/2017 2:45	452700	70.177	16.801	158.08	37964.688	45013.926	29.265	30609.473	26.34	1.021
11/7/2017 3:00	453600	70.195	16.803	158.121	37972.582	45021.68	29.271	30614.744	26.335	1.021
11/7/2017 3:15	454500	70.182	16.799	158.093	37972.48	45025.043	29.273	30617.031	26.335	1.021
11/7/2017 3:30	455400	70.199	16.806	158.13	37969.941	45015.145	29.266	30610.301	26.337	1.021
11/7/2017 3:45	456300	70.187	16.798	158.103	38008.52	45069.203	29.305	30647.061	26.31	1.021
11/7/2017 4:00	457200	70.187	16.803	158.102	37949.156	44993.902	29.25	30595.855	26.351	1.021
11/7/2017 4:15	458100	70.205	16.81	158.143	37947.172	44984.398	29.244	30589.393	26.352	1.021
11/7/2017 4:30	459000	70.206	16.81	158.147	37964.664	45005.133	29.259	30603.49	26.34	1.021
11/7/2017 4:45	459900	70.193	16.807	158.117	37962.535	45004.746	29.259	30603.23	26.342	1.021
11/7/2017 5:00	460800	70.191	16.801	158.112	37980.551	45032.555	29.278	30622.139	26.329	1.021
11/7/2017 5:15	461700	70.194	16.799	158.118	37975.316	45028.941	29.276	30619.68	26.333	1.021
11/7/2017 5:30	462600	70.193	16.802	158.117	37969.926	45019.148	29.269	30613.023	26.337	1.021
11/7/2017 5:45	463500	70.206	16.813	158.145	37967.523	45004.949	29.259	30603.367	26.338	1.021
11/7/2017 6:00	464400	70.21	16.808	158.155	37991.125	45037.84	29.283	30625.732	26.322	1.021
11/7/2017 6:15	465300	70.195	16.797	158.121	37972.387	45027.52	29.274	30618.715	26.335	1.021
11/7/2017 6:30	466200	70.207	16.804	158.148	37986.617	45036.527	29.281	30624.842	26.325	1.021
11/7/2017 6:45	467100	70.194	16.803	158.118	37962.219	45009.211	29.261	30606.266	26.342	1.021
11/7/2017 7:00	468000	70.193	16.812	158.117	37993.719	45037.422	29.282	30625.447	26.32	1.021
11/7/2017 7:15	468900	70.207	16.817	158.148	37960.582	44992.875	29.25	30595.158	26.343	1.021
11/7/2017 7:30	469800	70.191	16.81	158.111	37994.355	45039.703	29.284	30626.998	26.32	1.021
11/7/2017 7:45	470700	70.193	16.804	158.116	37954.258	44998.512	29.254	30598.99	26.348	1.021
11/7/2017 8:00	471600	70.195	16.799	158.121	37939.875	44986.293	29.245	30590.682	26.357	1.021
11/7/2017 8:15	472500	70.205	16.815	158.145	38009.203	45052.648	29.294	30635.801	26.309	1.021
11/7/2017 8:30	473400	70.214	16.804	158.163	37979.617	45028.758	29.276	30619.557	26.33	1.021
11/7/2017 8:45	474300	70.218	16.804	158.173	37972.578	45020.332	29.27	30613.826	26.335	1.021
11/7/2017 9:00	475200	70.219	16.808	158.175	37979.492	45024.137	29.273	30616.414	26.33	1.021
11/7/2017 9:15	476100	70.204	16.806	158.141	37982.191	45029.492	29.276	30620.057	26.328	1.021
11/7/2017 9:30	477000	70.207	16.802	158.147	37981.723	45033.137	29.279	30622.533	26.328	1.021
11/7/2017 9:45	477900	70.211	16.807	158.158	37986.395	45034.023	29.28	30623.139	26.325	1.021
11/7/2017 10:00	478800	70.21	16.806	158.154	37967.176	45011.867	29.264	30608.072	26.339	1.021
11/7/2017 10:15	479700	70.216	16.806	158.169	37959.734	45002.953	29.257	30602.01	26.344	1.021
11/7/2017 10:30	480600	70.232	16.818	158.204	37988.551	45024.859	29.274	30616.904	26.324	1.021
11/7/2017 10:45	481500	70.218	16.811	158.173	37979.723	45021.102	29.271	30614.352	26.33	1.021
11/7/2017 11:00	482400	70.238	16.811	158.219	37987.449	45030.98	29.278	30621.066	26.324	1.021
11/7/2017 11:15	483300	70.23	16.802	158.199	37977.813	45028.047	29.275	30619.074	26.331	1.021
11/7/2017 11:30	484200	70.232	16.812	158.204	37970.602	45009.305	29.262	30606.328	26.336	1.021
11/7/2017 11:45	485100	70.241	16.8	158.226	37996.277	45051.91	29.292	30635.299	26.318	1.021
11/7/2017 12:00	486000	70.241	16.809	158.226	37981.063	45025.195	29.273	30617.135	26.329	1.021
11/7/2017 12:15	486900	70.245	16.812	158.233	37963.703	45002.031	29.257	30601.383	26.341	1.021
11/7/2017 12:30	487800	70.264	16.802							

11/8/2017 11:15	569700	70.223	16.8	158.184	37947.434	44994.813	29.251	30596.475	26.352	1.021
11/8/2017 11:30	570600	70.243	16.81	158.229	37947.758	44985	29.244	30589.803	26.352	1.021
11/8/2017 11:45	571500	70.245	16.807	158.235	37990.863	45039.32	29.283	30626.74	26.322	1.021
11/8/2017 12:00	572400	70.238	16.801	158.219	37984.688	45037.992	29.282	30625.838	26.326	1.021
11/8/2017 12:15	573300	70.258	16.801	158.262	37958.945	45007.566	29.26	30605.146	26.344	1.021
11/8/2017 12:30	574200	70.244	16.803	158.231	37988.164	45039.523	29.283	30626.879	26.324	1.021
11/8/2017 12:45	575100	70.248	16.802	158.24	37964.973	45013.277	29.264	30609.031	26.34	1.021
11/8/2017 13:00	576000	70.248	16.799	158.241	37961.434	45012.215	29.263	30608.309	26.343	1.021
11/8/2017 13:15	576900	70.271	16.806	158.292	37968.402	45013.32	29.265	30609.061	26.338	1.021
11/8/2017 13:30	577800	70.28	16.804	158.313	37958.316	45003.059	29.257	30602.082	26.345	1.021
11/8/2017 13:45	578700	70.264	16.801	158.276	37966.832	45016.023	29.266	30610.896	26.339	1.021
11/8/2017 14:00	579600	70.266	16.801	158.281	37972.352	45023.191	29.271	30615.77	26.335	1.021
11/8/2017 14:15	580500	70.288	16.803	158.331	37945.258	44988.652	29.247	30592.285	26.354	1.021
11/8/2017 14:30	581400	70.273	16.808	158.297	37949.805	44989.129	29.247	30592.609	26.351	1.021
11/8/2017 14:45	582300	70.277	16.798	158.307	37949.57	44998.77	29.254	30599.164	26.351	1.021
11/8/2017 15:00	583200	70.294	16.809	158.343	37984.508	45029.555	29.277	30620.1	26.327	1.021
11/8/2017 15:15	584100	70.279	16.81	158.311	37973.391	45015.48	29.266	30610.529	26.334	1.021
11/8/2017 15:30	585000	70.293	16.804	158.342	37987.555	45038.348	29.283	30626.078	26.324	1.021
11/8/2017 15:45	585900	70.295	16.805	158.347	37960.164	45004.008	29.258	30602.729	26.343	1.021
11/8/2017 16:00	586800	70.28	16.799	158.313	37950.277	44998.629	29.254	30599.07	26.35	1.021
11/8/2017 16:15	587700	70.279	16.804	158.311	37954.938	44999.055	29.254	30599.359	26.347	1.021
11/8/2017 16:30	588600	70.285	16.797	158.323	37955.313	45007.102	29.26	30604.832	26.347	1.021
11/8/2017 16:45	589500	70.284	16.801	158.321	37987.512	45040.809	29.284	30627.752	26.324	1.021
11/8/2017 17:00	590400	70.278	16.809	158.308	37981.117	45025.719	29.274	30617.488	26.329	1.021
11/8/2017 17:15	591300	70.291	16.81	158.336	37970.129	45010.984	29.263	30607.469	26.336	1.021
11/8/2017 17:30	592200	70.274	16.812	158.3	37987.578	45029.531	29.277	30620.082	26.324	1.021
11/8/2017 17:45	593100	70.273	16.796	158.297	37961.383	45015.469	29.266	30610.521	26.343	1.021
11/8/2017 18:00	594000	70.264	16.807	158.277	37974.355	45019.492	29.269	30613.256	26.334	1.021
11/8/2017 18:15	594900	70.276	16.818	158.303	37953.707	44983.746	29.244	30588.949	26.348	1.021
11/8/2017 18:30	595800	70.256	16.812	158.258	37965.199	45003.617	29.258	30602.463	26.34	1.021
11/8/2017 18:45	596700	70.248	16.808	158.241	37962.461	45004.039	29.258	30602.746	26.342	1.021
11/8/2017 19:00	597600	70.247	16.801	158.239	37943.508	44988.898	29.247	30592.453	26.355	1.021
11/8/2017 19:15	598500	70.254	16.806	158.254	37977.691	45024.156	29.272	30616.426	26.331	1.021
11/8/2017 19:30	599400	70.245	16.809	158.235	37977.895	45021.176	29.271	30614.402	26.331	1.021
11/8/2017 19:45	600300	70.243	16.806	158.23	37950.07	44991.137	29.249	30593.973	26.35	1.021
11/8/2017 20:00	601200	70.223	16.805	158.184	37984.844	45034.059	29.28	30623.162	26.326	1.021
11/8/2017 20:15	602100	70.221	16.801	158.179	37957.164	45004.727	29.258	30603.217	26.345	1.021
11/8/2017 20:30	603000	70.21	16.813	158.154	37992.16	45034.246	29.28	30623.289	26.321	1.021
11/8/2017 20:45	603900	70.218	16.805	158.172	37997.719	45048.879	29.29	30633.24	26.317	1.021
11/8/2017 21:00	604800	70.199	16.802	158.13	37934.313	44976.652	29.238	30584.123	26.361	1.021
11/8/2017 21:15	605700	70.207	16.805	158.149	37952.207	44995.023	29.251	30596.619	26.349	1.021
11/8/2017 21:30	606600	70.204	16.808	158.142	37967.609	45010.594	29.263	30607.205	26.338	1.021
11/8/2017 21:45	607500	70.181	16.812	158.089	37962.293	44999.734	29.255	30599.82	26.342	1.021
11/8/2017 22:00	608400	70.176	16.807	158.078	37967.328	45010.523	29.263	30607.156	26.338	1.021
11/8/2017 22:15	609300	70.174	16.809	158.074	37967.781	45009.355	29.262	30606.363	26.338	1.021
11/8/2017 22:30	610200	70.168	16.809	158.061	37966.305	45007.605	29.261	30605.174	26.339	1.021
11/8/2017 22:45	611100	70.183	16.815	158.094	37977.039	45013.988	29.266	30609.512	26.332	1.021
11/8/2017 23:00	612000	70.162	16.813	158.047	37977.004	45016.09	29.267	30610.943	26.332	1.021
11/8/2017 23:15	612900	70.162	16.808	158.046	37970.949	45013.922	29.265	30609.469	26.336	1.021
11/8/2017 23:30	613800	70.177	16.794	158.08	37936.527	44987.152	29.245	30591.266	26.36	1.021
11/8/2017 23:45	614700	70.158	16.802	158.038	37974.277	45024.668	29.273	30616.777	26.334	1.021

Report Date:	11/10/2017 8:44		
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_2017-11-09_13-25-58-820-BaroMerge.wsl		
Create Date	11/10/2017 8:36		

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
Used Memory	4		
Used Battery	9		1 (Modbus-RTU)

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

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

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

Log Notes:			
Date and Time	Note		
8/17/2016 12:56 Used Battery: 9% Used Memory: 7% User Name: SKuiper 8/18/2016 15:22 Log Download - Used Battery: 9% Used Memory: 7% User Name: SKuiper Interval - Start Time: 8/10/2016 10:30:00 PM Stop Time: 8/18/2016 4:15:00 PM 8/25/2016 11:48 Log Download - Used Battery: 9% Used Memory: 7% User Name: 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: skuiپر 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 10:45:00 AM 1/12/2017 15:54 Log Download - Used Battery: 16% Used Memory: 25% User Name: SKuiper Interval - Start Time: 1/4/2017 10:00:00 PM Stop Time: 1/12/2017 3:45:00 PM 1/19/2017 12:33 Log Download - Used Battery: 17% Used Memory: 25% User Name: SKuiper Interval - Start Time: 1/12/2017 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 13:28 Log Download - Used Battery: 21% Used Memory: 34% User Name: WMassoll Interval - Start Time: 2/28/2017 12:00:00 PM Stop Time: 4/6/2017 2:15:00 PM 4/13/2017 11:35 Log Download - Used Battery: 21% Used Memory: 34% User Name: WMassoll Interval - Start Time: 4/5/2017 12:00:00 PM Stop Time: 4/13/2017 11:30:00 AM 4/20/2017 11:17 Log Download - Used Battery: 21% Used Memory: 35% User Name: AVanHaitsma Interval - Start Time: 4/12/2017 10:00:00 PM Stop Time: 4/20/2017 12:15:00 PM 4/27/2017 12:20 Log Download - Used Battery: 22% Used Memory: 35% User Name: WMassoll Interval - Start Time: 4/19/2017 10:00:00 PM Stop Time: 4/27/2017 12:15:00 PM 5/4/2017 11:43 Log Download - Used Battery: 22% Used Memory: 37% User Name: AVanHaitsma Interval - Start Time: 3/31/2017 10:00:00 PM Stop Time: 5/4/2017 12:30:00 PM 5/11/2017 10:53 Log Download - Used Battery: 23% Used Memory: 37% User Name: AVanHaitsma Interval - Start Time: 5/3/2017 10:00:00 PM Stop Time: 5/11/2017 11:45:00 AM 5/18/2017 18:10 Log Download - Used Battery: 23% Used Memory: 39% User Name: WMassoll Interval - Start Time: 5/10/2017 10:00:00 PM Stop Time: 5/18/2017 7:00:00 PM 5/25/2017 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 11/10/2017 8:36 User Note: "Pressure & Level adjusted by baro data from: "MPWSP Barotroll_2017-11-09_18-08-51-172.wsl""			

Log Data:			
Record Count	738		
Sensors	2		
	1		
	2		
	427634 PCTD 100 PSIA (60.1m/197.3ft)		
	0 Baro-Adjustment Calc		

Time Zone: Pacific Daylight Time/Pacific Standard Time											
	Sensor: PCTD(A) 197.3ft SNR: 427634	Sensor: PCTD(A) 197.3ft SNR: 427634	Sensor: PCTD(A) 197.3ft SNR: 427634	Sensor: PCTD(A) 197.3ft SNR: 427634	Sensor: PCTD(A) 197.3ft SNR: 427634	Sensor: PCTD(A) 197.3ft SNR: 427634	Sensor: PCTD(A) 197.3ft SNR: 427634	Sensor: PCTD(A) 197.3ft SNR: 427634	Sensor: PCTD(A) 197.3ft SNR: 427634	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)
11/2/2017 0:00	7200	25.85	16.891	58.921	4137.854	4896.228	2.649	3.329	241.671	1.001	14.716
11/2/2017 0:15	8100	25.853	16.891	58.927	4138.247	4896.671	2.649	3.33	241.648	1.001	14.716
11/2/2017 0:30	9000	25.837	16.891	58.89	4137.775	4896.125	2.649	3.329	241.676	1.001	14.726
11/2/2017 0:45	9900	25.853	16.891	58.925	4138.495	4896.951	2.649	3.33	241.633	1.001	14.712
11/2/2017 1:00	10800	25.849	16.891	58.919	4138.782	4897.325	2.649	3.33	241.617	1.001	14.719
11/2/2017 1:15	11700	25.849	16.891	58.918	4139.341	4897.966	2.65	3.331	241.584	1.001	14.719
11/2/2017 1:30	12600	25.843	16.89	58.904	4139.169	4897.813	2.65	3.3			

11/2/2017 18:15	72900	25.852	16.891	58.924	4139.667	4898.363	2.65	3.331	241.565	1.001	14.73
11/2/2017 18:30	73800	25.853	16.891	58.927	4139.807	4898.548	2.65	3.331	241.557	1.001	14.734
11/2/2017 18:45	74700	25.843	16.89	58.903	4139.861	4898.632	2.65	3.331	241.554	1.001	14.738
11/2/2017 19:00	75600	25.846	16.89	58.911	4139.589	4898.311	2.65	3.331	241.57	1.001	14.738
11/2/2017 19:15	76500	25.843	16.891	58.904	4138.921	4897.462	2.649	3.33	241.609	1.001	14.74
11/2/2017 19:30	77400	25.845	16.891	58.909	4139.019	4897.616	2.65	3.333	241.603	1.001	14.744
11/2/2017 19:45	78300	25.85	16.891	58.919	4137.699	4896.016	2.649	3.329	241.68	1.001	14.749
11/2/2017 20:00	79200	25.845	16.891	58.91	4137.747	4896.111	2.649	3.329	241.677	1.001	14.744
11/2/2017 20:15	80100	25.853	16.891	58.928	4137.302	4895.507	2.648	3.329	241.703	1.001	14.734
11/2/2017 20:30	81000	25.849	16.891	58.917	4137.296	4895.527	2.648	3.329	241.704	1.001	14.741
11/2/2017 20:45	81900	25.847	16.891	58.912	4136.851	4894.981	2.648	3.329	241.73	1.001	14.738
11/2/2017 21:00	82800	25.852	16.891	58.925	4137.805	4896.168	2.649	3.329	241.674	1.001	14.736
11/2/2017 21:15	83700	25.842	16.891	58.942	4138.612	4897.065	2.649	3.33	241.627	1.001	14.746
11/2/2017 21:30	84600	25.855	16.891	58.932	4138.549	4897.021	2.649	3.33	241.631	1.001	14.733
11/2/2017 21:45	85500	25.843	16.891	58.905	4138.02	4896.403	2.649	3.33	241.661	1.001	14.744
11/2/2017 22:00	86400	25.842	16.891	58.901	4137.987	4896.326	2.649	3.33	241.663	1.001	14.746
11/2/2017 22:15	87300	25.848	16.891	58.916	4137.604	4895.922	2.649	3.329	241.686	1.001	14.739
11/2/2017 22:30	88200	25.841	16.891	58.9	4137.92	4896.305	2.649	3.329	241.667	1.001	14.742
11/2/2017 22:45	89100	25.841	16.891	58.9	4137.717	4896.026	2.649	3.329	241.679	1.001	14.745
11/2/2017 23:00	90000	25.838	16.892	58.893	4137.115	4895.247	2.648	3.329	241.714	1.001	14.747
11/2/2017 23:15	90900	25.846	16.891	58.911	4136.739	4894.898	2.648	3.329	241.736	1.001	14.741
11/2/2017 23:30	91800	25.843	16.891	58.904	4137.119	4895.298	2.648	3.329	241.714	1.001	14.744
11/2/2017 23:45	92700	25.84	16.891	58.898	4137.075	4895.296	2.648	3.329	241.717	1.001	14.749
11/3/2017 0:00	93600	25.844	16.891	58.907	4138.015	4896.408	2.649	3.33	241.662	1.001	14.745
11/3/2017 0:15	94500	25.841	16.891	58.9	4138.293	4896.708	2.649	3.33	241.646	1.001	14.75
11/3/2017 0:30	95400	25.847	16.891	58.913	4136.771	4894.906	2.648	3.329	241.734	1.001	14.746
11/3/2017 0:45	96300	25.846	16.891	58.911	4136.791	4894.941	2.648	3.329	241.733	1.001	14.744
11/3/2017 1:00	97200	25.846	16.891	58.91	4136.695	4894.828	2.648	3.328	241.739	1.001	14.744
11/3/2017 1:15	98100	25.847	16.89	58.912	4136.368	4894.488	2.648	3.328	241.758	1.001	14.746
11/3/2017 1:30	99000	25.849	16.891	58.918	4136.584	4894.666	2.648	3.328	241.745	1.001	14.739
11/3/2017 1:45	99900	25.849	16.891	58.917	4136.678	4894.796	2.648	3.328	241.74	1.001	14.743
11/3/2017 2:00	100800	25.842	16.89	58.903	4136.551	4894.705	2.648	3.328	241.747	1.001	14.749
11/3/2017 2:15	101700	25.847	16.89	58.914	4137.54	4895.915	2.649	3.329	241.689	1.001	14.748
11/3/2017 2:30	102600	25.844	16.891	58.905	4135.832	4893.834	2.647	3.328	241.789	1.001	14.746
11/3/2017 2:45	103500	25.838	16.891	58.892	4136.004	4894.018	2.647	3.328	241.779	1.001	14.751
11/3/2017 3:00	104400	25.849	16.891	58.917	4136.743	4894.884	2.648	3.329	241.736	1.001	14.74
11/3/2017 3:15	105300	25.845	16.891	58.908	4136.48	4894.612	2.648	3.328	241.751	1.001	14.745
11/3/2017 3:30	106200	25.846	16.891	58.91	4136.809	4894.971	2.648	3.329	241.732	1.001	14.741
11/3/2017 3:45	107100	25.844	16.891	58.906	4137.391	4895.64	2.648	3.329	241.698	1.001	14.742
11/3/2017 4:00	108000	25.854	16.891	58.93	4137.629	4895.972	2.649	3.329	241.684	1.001	14.732
11/3/2017 4:15	108900	25.855	16.891	58.932	4138.042	4896.421	2.649	3.33	241.66	1.001	14.736
11/3/2017 4:30	109800	25.845	16.891	58.909	4138.566	4897.041	2.649	3.33	241.63	1.001	14.746
11/3/2017 4:45	110700	25.844	16.891	58.904	4137.621	4895.874	2.649	3.329	241.685	1.001	14.748
11/3/2017 5:00	111600	25.849	16.892	58.917	4137.475	4895.672	2.648	3.329	241.693	1.001	14.746
11/3/2017 5:15	112500	25.847	16.89	58.913	4137.102	4895.396	2.648	3.329	241.715	1.001	14.745
11/3/2017 5:30	113400	25.842	16.891	58.902	4136.786	4894.935	2.648	3.329	241.734	1.001	14.752
11/3/2017 5:45	114300	25.841	16.891	58.901	4136.228	4894.244	2.648	3.328	241.766	1.001	14.75
11/3/2017 6:00	115200	25.846	16.891	58.911	4136.125	4894.113	2.648	3.328	241.772	1.001	14.744
11/3/2017 6:15	116100	25.84	16.891	58.898	4136.513	4894.543	2.648	3.328	241.749	1.001	14.748
11/3/2017 6:30	117000	25.845	16.891	58.921	4136.201	4894.243	2.648	3.328	241.768	1.001	14.739
11/3/2017 6:45	117900	25.855	16.891	58.933	4136.542	4894.626	2.648	3.328	241.748	1.001	14.738
11/3/2017 7:00	118800	25.843	16.891	58.905	4136.645	4894.738	2.648	3.328	241.742	1.001	14.746
11/3/2017 7:15	119700	25.85	16.891	58.921	4136.704	4894.837	2.648	3.328	241.738	1.001	14.74
11/3/2017 7:30	120600	25.846	16.891	58.912	4137.138	4895.321	2.648	3.329	241.713	1.001	14.745
11/3/2017 7:45	121500	25.847	16.891	58.913	4137.072	4895.224	2.648	3.329	241.717	1.001	14.748
11/3/2017 8:00	122400	25.847	16.891	58.913	4136.659	4894.735	2.648	3.328	241.741	1.001	14.745
11/3/2017 8:15	123300	25.845	16.891	58.91	4136.587	4894.67	2.648	3.328	241.745	1.001	14.749
11/3/2017 8:30	124200	25.851	16.891	58.922	4136.595	4894.698	2.648	3.328	241.745	1.001	14.745
11/3/2017 8:45	125100	25.848	16.891	58.916	4135.594	4893.563	2.647	3.328	241.803	1.001	14.75
11/3/2017 9:00	126000	25.841	16.891	58.899	4135.974	4893.943	2.647	3.328	241.781	1.001	14.757
11/3/2017 9:15	126900	25.843	16.891	58.904	4135.438	4893.367	2.647	3.327	241.812	1.001	14.758
11/3/2017 9:30	127800	25.841	16.89	58.899	4135.266	4893.224	2.647	3.327	241.822	1.001	14.762
11/3/2017 9:45	128700	25.84	16.891	58.897	4134.497	4892.254	2.646	3.327	241.867	1.001	14.763
11/3/2017 10:00	129600	25.839	16.891	58.894	4134.059	4891.708	2.646	3.326	241.893	1.001	14.765
11/3/2017 10:15	130500	25.849	16.891	58.917	4134.048	4891.637	2.646	3.326	241.894	1.001	14.757
11/3/2017 10:30	131400	25.85	16.891	58.92	4133.958	4891.577	2.646	3.326	241.899	1.001	14.753
11/3/2017 10:45	132300	25.837	16.891	58.891	4134.265	4891.972	2.646	3.327	241.881	1.001	14.762
11/3/2017 11:00	133200	25.843	16.891	58.904	4134.376	4892.064	2.646	3.327	241.874	1.001	14.763
11/3/2017 11:15	134100	25.842	16.891	58.903	4134.79	4892.612	2.647	3.327	241.85	1.001	14.761
11/3/2017 11:30	135000	25.837	16.891	58.89	4134.587	4892.341	2.647	3.327	241.862	1.001	14.765
11/3/2017 11:45	135900	25.84	16.891	58.898	4134.963	4892.806	2.647	3.327	241.84	1.001	14.761
11/3/2017 12:00	136800	25.847	16.89	58.913	4135.236	4893.16	2.647	3.327	241.824	1.001	14.754
11/3/2017 12:15	137700	25.85	16.891	58.919	4135.228	4893.092	2.647	3.327	241.825	1.001	14.752
11/3/2017 12:30	138600	25.848	16.891	58.916	4135.586	4893.516	2.647	3.328	241.804	1.001	14.754
11/3/2017 12:45	139500	25.852	16.891	58.924	4136.199	4894.259	2.648	3.328	241.768	1.001	14.745
11/3/2017 13:00	140400	25.85	16.891	58.92	4136.545	4894.581	2.648	3.328	241.748	1.001	14.746
11/3/2017 13:15	141300	25.845	16.891	58.908	4136.678	4894.816	2.648	3.328	241.74	1.001	14.745
11/3/2017 13:30	142200	25.843	16.89	58.903	4137.469	4895.792	2.649	3.329	241.694	1.001	14.749
11/3/2017 13:45	143100	25.849	16.891	58.918	4138.211	4896.629	2.649	3.33	241.65	1.001	14.747
11/3/2017 14:00	144000	25.854	16.891	58.93	4138.263	4896.053	2.649	3.33	241.647	1.001	14.739
11/3/2017 14:15	144900	25.852	16.891	58.926	4137.232	4895.502	2.648	3.329	241.707	1.001	14.735
11/3/2017 14:30	145800	25.845	16.891	58.909	4137.861	4896.176	2.649	3.329	241.671	1.001	14.741
11/3/2017 14:45	146700	25.855	16.891	58.933	4138.812	4897.313	2.649	3.33	241.615	1.001	14.733
11/3/2017 15:00	147600	25.846	16.891	58.912	4138.304	4896.712	2.649	3.33	241.645	1.001	14.736
11/3/2017 15:15	148500	25.848	16.891	58.915	4138.761	4897.28	2.649	3.33	241.618	1.001	14.737
11/3/201											

11/4/2017 23:00	262800	25.836	16.891	58.889	4129.322	4886.103	2.643	3.323	242.171	1.001	14.777
11/4/2017 23:15	263700	25.84	16.891	58.897	4130.312	4887.225	2.644	3.323	242.112	1.001	14.775
11/4/2017 23:30	264600	25.843	16.891	58.905	4130.172	4887.09	2.644	3.323	242.121	1.001	14.772
11/4/2017 23:45	265500	25.841	16.891	58.899	4130.027	4886.868	2.643	3.323	242.129	1.001	14.776
11/5/2017 0:00	266400	25.839	16.891	58.896	4129.93	4886.764	2.643	3.323	242.135	1.001	14.774
11/5/2017 0:15	267300	25.839	16.892	58.894	4130.096	4886.931	2.643	3.323	242.125	1.001	14.779
11/5/2017 0:30	268200	25.835	16.891	58.895	4130.054	4886.911	2.643	3.323	242.128	1.001	14.783
11/5/2017 0:45	269100	25.839	16.891	58.895	4130.02	4886.879	2.643	3.323	242.13	1.001	14.781
11/5/2017 1:00	270000	25.838	16.891	58.893	4129.796	4886.595	2.643	3.323	242.143	1.001	14.782
11/5/2017 1:15	270900	25.842	16.892	58.901	4129.792	4886.581	2.643	3.323	242.143	1.001	14.782
11/5/2017 1:30	271800	25.837	16.892	58.892	4129.663	4886.418	2.643	3.323	242.151	1.001	14.782
11/5/2017 1:45	272700	25.842	16.892	58.902	4128.985	4885.617	2.643	3.322	242.19	1.001	14.782
11/5/2017 2:00	273600	25.846	16.891	58.911	4129.089	4885.775	2.643	3.322	242.184	1.001	14.778
11/5/2017 2:15	274500	25.839	16.892	58.896	4129.246	4885.935	2.643	3.322	242.175	1.001	14.786
11/5/2017 2:30	275400	25.844	16.891	58.907	4128.922	4885.6	2.643	3.322	242.194	1.001	14.783
11/5/2017 2:45	276300	25.841	16.891	58.9	4129.064	4885.768	2.643	3.322	242.186	1.001	14.783
11/5/2017 2:00	277200	25.843	16.892	58.905	4129.416	4886.097	2.643	3.323	242.165	1.001	14.781
11/5/2017 2:15	278100	25.838	16.892	58.892	4129.982	4886.797	2.643	3.323	242.132	1.001	14.789
11/5/2017 2:30	279000	25.843	16.892	58.905	4129.95	4886.759	2.643	3.323	242.134	1.001	14.782
11/5/2017 2:45	279900	25.846	16.892	58.91	4129.754	4886.478	2.643	3.323	242.145	1.001	14.78
11/5/2017 3:00	280800	25.842	16.891	58.903	4129.853	4886.692	2.643	3.323	242.139	1.001	14.79
11/5/2017 3:15	281700	25.846	16.891	58.912	4129.855	4886.715	2.643	3.323	242.139	1.001	14.781
11/5/2017 3:30	282600	25.84	16.891	58.898	4130.054	4886.9	2.643	3.323	242.128	1.001	14.786
11/5/2017 3:45	283500	25.841	16.891	58.901	4130.713	4887.719	2.644	3.324	242.089	1.001	14.784
11/5/2017 4:00	284400	25.845	16.891	58.91	4129.801	4886.601	2.643	3.323	242.142	1.001	14.782
11/5/2017 4:15	285300	25.85	16.891	58.919	4130.827	4887.873	2.644	3.324	242.082	1.001	14.784
11/5/2017 4:30	286200	25.836	16.891	58.889	4130.271	4887.168	2.644	3.323	242.115	1.001	14.788
11/5/2017 4:45	287100	25.84	16.892	58.897	4130.84	4887.812	2.644	3.324	242.082	1.001	14.789
11/5/2017 5:00	288000	25.841	16.891	58.9	4131.528	4888.644	2.644	3.324	242.041	1.001	14.792
11/5/2017 5:15	288900	25.833	16.891	58.881	4130.248	4887.168	2.644	3.323	242.116	1.001	14.794
11/5/2017 5:30	289800	25.841	16.891	58.901	4129.983	4886.717	2.643	3.323	242.138	1.001	14.79
11/5/2017 5:45	290700	25.844	16.891	58.907	4130.58	4887.533	2.644	3.324	242.097	1.001	14.792
11/5/2017 6:00	291600	25.845	16.892	58.909	4129.876	4886.672	2.643	3.323	242.138	1.001	14.791
11/5/2017 6:15	292500	25.839	16.891	58.895	4130.335	4887.263	2.644	3.323	242.111	1.001	14.795
11/5/2017 6:30	293400	25.847	16.892	58.914	4130.799	4887.763	2.644	3.324	242.084	1.001	14.793
11/5/2017 6:45	294300	25.837	16.891	58.89	4129.813	4886.615	2.643	3.323	242.142	1.001	14.8
11/5/2017 7:00	295200	25.838	16.891	58.892	4129.464	4885.279	2.643	3.323	242.129	1.001	14.862
11/5/2017 7:15	296100	25.834	16.892	58.883	4129.069	4885.697	2.643	3.322	242.185	1.001	14.809
11/5/2017 7:30	297000	25.843	16.892	58.905	4129.117	4885.783	2.643	3.322	242.183	1.001	14.803
11/5/2017 7:45	297900	25.845	16.892	58.908	4128.977	4885.587	2.643	3.322	242.191	1.001	14.801
11/5/2017 8:00	298800	25.837	16.892	58.891	4128.892	4885.507	2.643	3.322	242.196	1.001	14.803
11/5/2017 8:15	299700	25.84	16.892	58.896	4128.476	4884.965	2.642	3.322	242.22	1.001	14.818
11/5/2017 8:30	300600	25.837	16.892	58.89	4128.591	4885.131	2.642	3.322	242.213	1.001	14.819
11/5/2017 8:45	301500	25.839	16.892	58.895	4128.653	4885.204	2.642	3.322	242.21	1.001	14.815
11/5/2017 9:00	302400	25.841	16.891	58.899	4129.01	4885.665	2.643	3.322	242.189	1.001	14.812
11/5/2017 9:15	303300	25.841	16.892	58.9	4128.948	4885.524	2.643	3.322	242.192	1.001	14.811
11/5/2017 9:30	304200	25.837	16.891	58.891	4128.899	4885.545	2.643	3.322	242.195	1.001	14.816
11/5/2017 9:45	305100	25.837	16.892	58.889	4129.331	4886.026	2.643	3.322	242.17	1.001	14.818
11/5/2017 10:00	306000	25.836	16.891	58.889	4129.622	4886.389	2.643	3.323	242.153	1.001	14.815
11/5/2017 10:15	306900	25.836	16.891	58.888	4129.058	4885.732	2.643	3.322	242.186	1.001	14.814
11/5/2017 10:30	307800	25.84	16.891	58.897	4128.527	4885.113	2.642	3.322	242.217	1.001	14.814
11/5/2017 10:45	308700	25.836	16.892	58.888	4129.762	4886.498	2.643	3.323	242.145	1.001	14.813
11/5/2017 11:00	309600	25.837	16.891	58.891	4130.827	4887.814	2.644	3.324	242.082	1.001	14.813
11/5/2017 11:15	310500	25.834	16.891	58.884	4130.178	4887.097	2.644	3.323	242.12	1.001	14.812
11/5/2017 11:30	311400	25.835	16.891	58.887	4130.574	4887.585	2.644	3.324	242.097	1.001	14.805
11/5/2017 11:45	312300	25.843	16.891	58.905	4130.426	4887.3	2.644	3.323	242.106	1.001	14.802
11/5/2017 12:00	313200	25.847	16.891	58.913	4130.928	4887.954	2.644	3.324	242.076	1.001	14.803
11/5/2017 12:15	314100	25.843	16.891	58.905	4132.448	4889.791	2.645	3.325	241.987	1.001	14.799
11/5/2017 12:30	315000	25.838	16.891	58.894	4133.113	4890.55	2.645	3.326	241.948	1.001	14.794
11/5/2017 12:45	315900	25.843	16.891	58.905	4133.086	4890.546	2.645	3.326	241.95	1.001	14.793
11/5/2017 13:00	316800	25.847	16.891	58.914	4134.143	4891.789	2.646	3.326	241.888	1.001	14.796
11/5/2017 13:15	317700	25.845	16.892	58.91	4134.605	4892.277	2.646	3.327	241.861	1.001	14.786
11/5/2017 13:30	318600	25.847	16.891	58.914	4135.144	4892.992	2.647	3.327	241.83	1.001	14.78
11/5/2017 13:45	319500	25.844	16.891	58.906	4135.699	4893.619	2.647	3.328	241.797	1.001	14.787
11/5/2017 14:00	320400	25.842	16.891	58.902	4135.839	4893.775	2.647	3.328	241.789	1.001	14.781
11/5/2017 14:15	321300	25.844	16.891	58.906	4136.07	4894.058	2.648	3.328	241.775	1.001	14.78
11/5/2017 14:30	322200	25.844	16.891	58.907	4136.324	4894.369	2.648	3.328	241.761	1.001	14.778
11/5/2017 14:45	323100	25.845	16.891	58.91	4136.522	4894.554	2.648	3.328	241.749	1.001	14.779
11/5/2017 15:00	324000	25.842	16.891	58.902	4136.3	4894.301	2.648	3.328	241.762	1.001	14.781
11/5/2017 15:15	324900	25.845	16.891	58.909	4136.316	4894.32	2.648	3.328	241.761	1.001	14.777
11/5/2017 15:30	325800	25.849	16.891	58.918	4136.87	4894.985	2.648	3.329	241.729	1.001	14.775
11/5/2017 15:45	326700	25.843	16.891	58.903	4135.737	4893.683	2.647	3.328	241.795	1.001	14.778
11/5/2017 16:00	327600	25.841	16.892	58.901	4135.247	4892.987	2.647	3.327	241.824	1.001	14.777
11/5/2017 16:15	328500	25.838	16.891	58.893	4136.665	4895.029	2.648	3.329	241.729	1.001	14.779
11/5/2017 16:30	329400	25.84	16.891	58.898	4135.694	4893.624	2.647	3.328	241.797	1.001	14.776
11/5/2017 16:45	330300	25.836	16.891	58.889	4134.608	4892.289	2.646	3.327	241.861	1.001	14.779
11/5/2017 17:00	331200	25.844	16.891	58.907	4135.26	4893.08	2.647	3.327	241.823	1.001	14.774
11/5/2017 17:15	332100	25.845	16.891	58.909	4135.127	4892.922	2.647	3.327	241.831	1.001	14.772
11/5/2017 17:30	333000	25.855	16.892	58.93	4134.948	4892.663	2.647	3.327	241.841	1.001	14.766
11/5/2017 17:45	333900	25.837	16.892	58.891	4135.126	4892.894	2.647	3.327	241.831	1.001	14.793
11/5/2017 18:00	334800	25.842	16.891	58.902	4134.633	4892.357	2.647	3.327	241.859	1.001	14.778
11/5/2017 18:15	335700	25.841	16.891	58.899	4134.429	4892.076	2.646	3.327	241.871	1.001	14.781
11/5/2017 18:30	336600	25.845	16.891	58.908	4134.586	4892.262	2.646	3.327	241.862	1.001	14.776
11/5/2017 18:45	337500	25.845	16.891	58.91	4133.025	4890.465	2.645	3.326	241.954	1.001	14.774
11/5/2017 19:00	338400	25.843	16.891	58.905	4133.412	4890.923	2.646	3.326			

11/7/2017 2:45	452700	25.843	16.892	58.905	4129.007	4885.594	2.643	3.322	242.189	1.001	14.782
11/7/2017 3:00	453600	25.849	16.892	58.917	4129.7	4886.424	2.643	3.323	242.148	1.001	14.778
11/7/2017 3:15	454500	25.848	16.893	58.915	4130.544	4887.345	2.644	3.323	242.099	1.001	14.779
11/7/2017 3:30	455400	25.844	16.892	58.908	4130.177	4886.969	2.643	3.323	242.12	1.001	14.781
11/7/2017 3:45	456300	25.845	16.892	58.909	4130.685	4887.57	2.644	3.324	242.091	1.001	14.779
11/7/2017 4:00	457200	25.841	16.892	58.899	4130.138	4886.942	2.643	3.323	242.123	1.001	14.783
11/7/2017 4:15	458100	25.854	16.892	58.93	4129.994	4886.781	2.643	3.323	242.131	1.001	14.777
11/7/2017 4:30	459000	25.844	16.892	58.905	4130.565	4887.409	2.644	3.323	242.098	1.001	14.783
11/7/2017 4:45	459900	25.849	16.892	58.919	4129.465	4886.108	2.643	3.323	242.162	1.001	14.781
11/7/2017 5:00	460800	25.85	16.892	58.919	4129.222	4885.829	2.643	3.322	242.176	1.001	14.78
11/7/2017 5:15	461700	25.843	16.892	58.903	4128.158	4884.589	2.642	3.322	242.239	1.001	14.789
11/7/2017 5:30	462600	25.845	16.892	58.909	4128.964	4885.543	2.643	3.322	242.192	1.001	14.788
11/7/2017 5:45	463500	25.84	16.893	58.897	4128.542	4884.986	2.642	3.322	242.216	1.001	14.795
11/7/2017 6:00	464400	25.843	16.892	58.904	4127.697	4884.016	2.642	3.321	242.266	1.001	14.787
11/7/2017 6:15	465300	25.845	16.892	58.908	4127.754	4884.103	2.642	3.321	242.262	1.001	14.791
11/7/2017 6:30	466200	25.834	16.892	58.884	4127.735	4884.099	2.642	3.321	242.264	1.001	14.794
11/7/2017 6:45	467100	25.846	16.892	58.911	4128.42	4884.929	2.642	3.322	242.223	1.001	14.791
11/7/2017 7:00	468000	25.846	16.892	58.911	4128.406	4884.882	2.642	3.322	242.224	1.001	14.79
11/7/2017 7:15	468900	25.847	16.891	58.913	4128.024	4884.431	2.642	3.321	242.247	1.001	14.794
11/7/2017 7:30	469800	25.846	16.892	58.91	4127.887	4884.279	2.642	3.321	242.255	1.001	14.79
11/7/2017 7:45	470700	25.845	16.892	58.908	4127.811	4884.15	2.642	3.321	242.259	1.001	14.792
11/7/2017 8:00	471600	25.844	16.892	58.907	4127.244	4883.469	2.641	3.321	242.292	1.001	14.792
11/7/2017 8:15	472500	25.848	16.892	58.916	4127.306	4883.562	2.641	3.321	242.289	1.001	14.791
11/7/2017 8:30	473400	25.839	16.892	58.894	4126.982	4883.179	2.641	3.321	242.308	1.001	14.801
11/7/2017 8:45	474300	25.839	16.892	58.894	4126.247	4882.299	2.641	3.32	242.351	1.001	14.801
11/7/2017 9:00	475200	25.838	16.892	58.893	4126.428	4882.533	2.641	3.32	242.34	1.001	14.796
11/7/2017 9:15	476100	25.841	16.893	58.9	4127.845	4884.152	2.642	3.321	242.257	1.001	14.796
11/7/2017 9:30	477000	25.843	16.892	58.904	4127.976	4884.413	2.642	3.321	242.249	1.001	14.79
11/7/2017 9:45	477900	25.849	16.892	58.917	4128.035	4884.443	2.642	3.321	242.246	1.001	14.788
11/7/2017 10:00	478800	25.854	16.892	58.93	4128.331	4884.804	2.642	3.322	242.229	1.001	14.778
11/7/2017 10:15	479700	25.846	16.892	58.91	4128.943	4885.528	2.643	3.322	242.193	1.001	14.784
11/7/2017 10:30	480600	25.848	16.892	58.915	4130.411	4887.255	2.644	3.323	242.107	1.001	14.787
11/7/2017 10:45	481500	25.845	16.892	58.909	4130.207	4887.033	2.643	3.323	242.119	1.001	14.782
11/7/2017 11:00	482400	25.846	16.892	58.911	4130.907	4887.901	2.644	3.324	242.078	1.001	14.782
11/7/2017 11:15	483300	25.838	16.891	58.892	4130.918	4887.923	2.644	3.324	242.077	1.001	14.784
11/7/2017 11:30	484200	25.857	16.892	58.937	4131.354	4888.39	2.644	3.324	242.051	1.001	14.769
11/7/2017 11:45	485100	25.842	16.891	58.901	4131.879	4889.601	2.645	3.325	242.021	1.001	14.771
11/7/2017 12:00	486000	25.836	16.892	58.888	4133.251	4890.626	2.646	3.326	241.94	1.001	14.78
11/7/2017 12:15	486900	25.845	16.891	58.909	4133.547	4891.033	2.646	3.326	241.923	1.001	14.769
11/7/2017 12:30	487800	25.838	16.892	58.893	4132.642	4889.905	2.645	3.325	241.976	1.001	14.773
11/7/2017 12:45	488700	25.839	16.892	58.896	4133.563	4890.984	2.646	3.326	241.922	1.001	14.771
11/7/2017 13:00	489600	25.856	16.892	58.934	4134.522	4892.11	2.646	3.327	241.866	1.001	14.766
11/7/2017 13:15	490500	25.847	16.892	58.917	4134.358	4891.955	2.646	3.327	241.876	1.001	14.766
11/7/2017 13:30	491400	25.844	16.891	58.906	4134.35	4892.002	2.646	3.327	241.876	1.001	14.764
11/7/2017 13:45	492300	25.845	16.892	58.909	4134.949	4892.634	2.647	3.327	241.841	1.001	14.763
11/7/2017 14:00	493200	25.843	16.892	58.905	4134.403	4891.988	2.646	3.327	241.873	1.001	14.764
11/7/2017 14:15	494100	25.843	16.891	58.905	4134.603	4892.302	2.646	3.327	241.861	1.001	14.76
11/7/2017 14:30	495000	25.841	16.892	58.9	4134.707	4892.31	2.647	3.327	241.855	1.001	14.764
11/7/2017 14:45	495900	25.841	16.892	58.9	4134.446	4892.059	2.646	3.327	241.87	1.001	14.766
11/7/2017 15:00	496800	25.845	16.891	58.909	4134.74	4892.444	2.647	3.327	241.853	1.001	14.758
11/7/2017 15:15	497700	25.85	16.891	58.919	4134.512	4892.186	2.646	3.327	241.867	1.001	14.756
11/7/2017 15:30	498600	25.844	16.892	58.907	4134.029	4891.585	2.646	3.326	241.895	1.001	14.756
11/7/2017 15:45	499500	25.849	16.891	58.917	4133.981	4891.597	2.646	3.326	241.898	1.001	14.754
11/7/2017 16:00	500400	25.853	16.891	58.928	4133.455	4890.963	2.646	3.326	241.928	1.001	14.751
11/7/2017 16:15	501300	25.845	16.892	58.908	4133.507	4890.958	2.646	3.326	241.925	1.001	14.758
11/7/2017 16:30	502200	25.845	16.891	58.909	4134.567	4892.24	2.646	3.327	241.863	1.001	14.754
11/7/2017 16:45	503100	25.85	16.892	58.92	4132.999	4890.327	2.645	3.325	241.955	1.001	14.754
11/7/2017 17:00	504000	25.846	16.892	58.911	4133.574	4891.017	2.646	3.326	241.921	1.001	14.752
11/7/2017 17:15	504900	25.852	16.892	58.924	4132.792	4890.131	2.645	3.325	241.967	1.001	14.749
11/7/2017 17:30	505800	25.842	16.891	58.902	4132.137	4889.376	2.645	3.325	242.006	1.001	14.759
11/7/2017 17:45	506700	25.847	16.892	58.914	4132.578	4889.869	2.645	3.325	241.98	1.001	14.756
11/7/2017 18:00	507600	25.843	16.892	58.905	4132.315	4889.559	2.645	3.325	241.995	1.001	14.755
11/7/2017 18:15	508500	25.843	16.893	58.904	4132.036	4889.121	2.645	3.325	242.011	1.001	14.761
11/7/2017 18:30	509400	25.84	16.892	58.897	4132.231	4889.409	2.645	3.325	242	1.001	14.764
11/7/2017 18:45	510300	25.838	16.892	58.892	4131.667	4888.703	2.644	3.324	242.033	1.001	14.765
11/7/2017 19:00	511200	25.842	16.892	58.903	4130.283	4887.084	2.644	3.323	242.114	1.001	14.758
11/7/2017 19:15	512100	25.844	16.892	58.907	4130.224	4887.073	2.643	3.323	242.118	1.001	14.758
11/7/2017 19:30	513000	25.84	16.892	58.908	4130.422	4887.264	2.644	3.323	242.106	1.001	14.754
11/7/2017 19:45	513900	25.847	16.892	58.913	4129.766	4886.501	2.643	3.323	242.144	1.001	14.754
11/7/2017 20:00	514800	25.841	16.892	58.9	4130.491	4887.35	2.644	3.323	242.102	1.001	14.765
11/7/2017 20:15	515700	25.844	16.892	58.907	4130.119	4886.929	2.643	3.323	242.124	1.001	14.758
11/7/2017 20:30	516600	25.841	16.892	58.9	4130.185	4887.007	2.643	3.323	242.12	1.001	14.759
11/7/2017 20:45	517500	25.84	16.892	58.896	4129.777	4886.496	2.643	3.323	242.144	1.001	14.763
11/7/2017 21:00	518400	25.843	16.892	58.904	4129.461	4886.404	2.643	3.323	242.162	1.001	14.766
11/7/2017 21:15	519300	25.836	16.892	58.888	4130.317	4887.135	2.644	3.323	242.112	1.001	14.768
11/7/2017 21:30	520200	25.844	16.892	58.907	4129.367	4886.01	2.643	3.322	242.168	1.001	14.769
11/7/2017 21:45	521100	25.846	16.892	58.912	4128.685	4885.173	2.642	3.322	242.208	1.001	14.768
11/7/2017 22:00	522000	25.837	16.892	58.891	4127.9	4884.265	2.642	3.321	242.254	1.001	14.776
11/7/2017 22:15	522900	25.838	16.892	58.893	4127.375	4883.662	2.642	3.321	242.285	1.001	14.777
11/7/2017 22:30	523800	25.837	16.892	58.892	4127.196	4883.489	2.641	3.321	242.295	1.001	14.779
11/7/2017 22:45	524700	25.834	16.892	58.883	4126.934	4883.131	2.641	3.321	242.311	1.001	14.776
11/7/2017 23:00	525600	25.846	16.892	58.91	4127.346	4883.628	2.642	3.321	242.286	1.001	14.766
11/7/2017 23:15	526500	25.835	16.892	58.885	4127.569	4883.874	2.642	3.321	242.273	1.001	14.773
11/7/2017 23:30	527400	25.839	16.892	58.895	4127.592	4883.9	2.642	3.321	242.272	1.001	14.77
11/7/2017 23:45	528300	25.834	16.893	58.884	4127.422	4883.661	2.64				

Report Date: 11/10/2017 8:46
Report User Name: WMassoll
Report Computer Name: WKST52
Application: WinSitu.exe
Application Version: 5.6.27.1

Log File Properties
File Name MPWSP TSW Trans 2_2017-11-09_08-30-17-734.wsl
Create Date 11/9/2017 8:30

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

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

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

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

Log Notes:
Date and Time Note
4/9/2015 14:02 Used Battery: 2% Used Memory: 18% User Name: ECrowWillard
4/10/2015 13:07 Log Download - Used Battery: 2% Used Memory: 18% User Name: ECrowWillard
4/17/2015 12:57 Log Download - Used Battery: 2% Used Memory: 18% User Name: AKieta
4/24/2015 10:48 Log Download - Used Battery: 2% Used Memory: 20% User Name: ECrowWillard
5/1/2015 14:10 Log Download - Used Battery: 2% Used Memory: 20% User Name: GSSI
5/7/2015 7:03 Log Download - Used Battery: 2% Used Memory: 21% User Name: ECrowWillard
5/15/2015 12:45 Log Download - Used Battery: 2% Used Memory: 21% User Name: BDuarte
5/19/2015 15:05 Log Download - Used Battery: 2% Used Memory: 21% User Name: CShaw
5/19/2015 15:12 Log Download - Used Battery: 2% Used Memory: 21% User Name: CShaw Interval - Start Time: 5/19/2015 3:00:00 PM
5/21/2015 18:52 Log Download - Used Battery: 2% Used Memory: 23% User Name: CShaw Interval - Start Time: 5/19/2015 3:00:00 PM
5/28/2015 10:55 Log Download - Used Battery: 2% Used Memory: 23% User Name: ECrowWillard Interval - Start Time: 5/7/2015 7:00:00 AM
6/4/2015 9:55 Log Download - Used Battery: 2% Used Memory: 25% User Name: BDuarte
6/8/2015 7:00 Log Download - Used Battery: 2% Used Memory: 25% User Name: BDuarte
6/11/2015 15:11 Log Download - Used Battery: 2% Used Memory: 25% User Name: BDuarte Interval - Start Time: 6/8/2015 7:00:00 AM
6/18/2015 18:19 Log Download - Used Battery: 2% Used Memory: 26% User Name: CShaw
6/25/2015 18:26 Log Download - Used Battery: 2% Used Memory: 26% User Name: BDuarte Interval - Start Time: 6/11/2015 3:00:00 PM
7/2/2015 17:59 Log Download - Used Battery: 2% Used Memory: 28% User Name: CShaw
7/9/2015 7:33 Log Download - Used Battery: 3% Used Memory: 28% User Name: BDuarte
7/16/2015 17:49 Log Download - Used Battery: 3% Used Memory: 29% User Name: CShaw
7/23/2015 16:00 Log Download - Used Battery: 3% Used Memory: 29% User Name: KMakar
7/30/2015 9:14 Log Download - Used Battery: 3% Used Memory: 31% User Name: BDuarte Interval - Start Time: 7/9/2015 7:30:00 AM
8/6/2015 18:06 Log Download - Used Battery: 3% Used Memory: 31% User Name: CShaw Interval - Start Time: 6/8/2015 3:30:00 PM Stop Time: 8/6/2015 6:30:00 PM
8/6/2015 18:07 Log Download - Used Battery: 3% Used Memory: 31% User Name: CShaw Interval - Start Time: 7/8/2015 3:30:00 PM Stop Time: 8/6/2015 5:30:00 PM
8/13/2015 13:07 Log Download - Used Battery: 3% Used Memory: 32% User Name: KMakar Interval - Start Time: 7/23/2015 4:00:00 PM
8/20/2015 9:31 Log Download - Used Battery: 3% Used Memory: 32% User Name: BDuarte Interval - Start Time: 7/30/2015 9:00:00 AM
8/27/2015 10:35 Log Download - Used Battery: 3% Used Memory: 34% User Name: KMakar Interval - Start Time: 8/13/2015 5:15:00 PM Stop Time: 8/27/2015 10:15:00 AM
8/27/2015 10:36 Log Download - Used Battery: 3% Used Memory: 34% User Name: KMakar Interval - Start Time: 8/13/2015 5:15:00 PM Stop Time: 8/27/2015 10:35:00 AM
9/3/2015 18:12 Log Download - Used Battery: 3% Used Memory: 35% User Name: CShaw Interval - Start Time: 8/1/2015 5:30:00 PM Stop Time: 9/3/2015 7:00:00 PM
9/10/2015 11:08 Log Download - Used Battery: 3% Used Memory: 35% User Name: KMakar Interval - Start Time: 8/10/2015 8:30:00 AM Stop Time: 9/10/2015 11:10:00 AM
9/17/2015 10:34 Log Download - Used Battery: 3% Used Memory: 37% User Name: KMakar Interval - Start Time: 9/1/2015 5:30:00 AM Stop Time: 9/17/2015 10:35:00 AM
9/24/2015 19:11 Log Download - Used Battery: 3% Used Memory: 37% User Name: CShaw Interval - Start Time: 9/1/2015 5:30:00 PM Stop Time: 9/24/2015 8:00:00 PM
10/1/2015 13:55 Log Download - Used Battery: 3% Used Memory: 39% User Name: KMakar Interval - Start Time: 9/15/2015 7:30:00 AM Stop Time: 10/1/2015 1:55:00 PM
10/8/2015 16:54 Log Download - Used Battery: 3% Used Memory: 39% User Name: CShaw Interval - Start Time: 9/14/2015 5:30:00 PM Stop Time: 10/8/2015 5:45:00 PM
10/15/2015 13:20 Log Download - Used Battery: 3% Used Memory: 40% User Name: KMakar Interval - Start Time: 9/30/2015 7:30:00 AM Stop Time: 10/15/2015 1:20:00 PM
10/27/2015 18:53 Log Download - Used Battery: 4% Used Memory: 42% User Name: nreynolds Interval - Start Time: 10/26/2015 12:00:00 PM Stop Time: 10/27/2015 6:45:00 PM
10/27/2015 19:00 Log Download - Used Battery: 4% Used Memory: 42% User Name: nreynolds Interval - Start Time: 10/26/2015 3:00:00 PM Stop Time: 10/27/2015 7:00:00 PM
10/29/2015 14:50 Log Download - Used Battery: 4% Used Memory: 42% User Name: KMakar Interval - Start Time: 10/13/2015 6:15:00 AM Stop Time: 10/29/2015 2:50:00 PM
11/5/2015 13:50 Log Download - Used Battery: 4% Used Memory: 42% User Name: KMakar Interval - Start Time: 10/20/2015 7:45:00 AM Stop Time: 11/5/2015 1:50:00 PM
11/12/2015 17:27 Log Download - Used Battery: 4% Used Memory: 43% User Name: KMakar Interval - Start Time: 10/20/2015 7:00:00 AM Stop Time: 11/5/2015 5:50:00 PM
11/12/2015 18:11 Log Download - Used Battery: 4% Used Memory: 43% User Name: KMakar Interval - Start Time: 10/20/2015 7:00:00 AM Stop Time: 11/12/2015 7:00:00 PM
11/19/2015 14:57 Log Download - Used Battery: 4% Used Memory: 43% User Name: KMakar Interval - Start Time: 11/1/2015 7:00:00 AM Stop Time: 11/19/2015 2:55:00 PM
11/29/2015 14:13 Log Download - Used Battery: 4% Used Memory: 45% User Name: CShaw Interval - Start Time: 11/13/2015 1:00:00 AM Stop Time: 11/29/2015 3:00:00 PM
12/3/2015 9:33 Log Download - Used Battery: 4% Used Memory: 45% User Name: KMakar Interval - Start Time: 11/18/2015 7:00:00 AM Stop Time: 12/3/2015 9:35:00 AM
12/10/2015 17:23 Log Download - Used Battery: 4% Used Memory: 46% User Name: CShaw Interval - Start Time: 10/13/2015 1:00:00 AM Stop Time: 12/10/2015 6:15:00 PM
12/17/2015 11:18 Log Download - Used Battery: 4% Used Memory: 46% User Name: KMakar Interval - Start Time: 12/1/2015 12:00:00 PM Stop Time: 12/17/2015 11:15:00 AM
1/3/2016 14:18 Log Download - Used Battery: 4% Used Memory: 50% User Name: CShaw Interval - Start Time: 11/30/2015 1:00:00 AM Stop Time: 1/3/2016 2:45:00 PM
1/7/2016 10:15 Log Download - Used Battery: 4% Used Memory: 50% User Name: KMakar Interval - Start Time: 12/31/2015 10:00:00 AM Stop Time: 1/7/2016 10:15:00 AM
1/14/2016 8:44 Log Download - Used Battery: 4% Used Memory: 50% User Name: KMakar Interval - Start Time: 1/4/2016 10:00:00 AM Stop Time: 1/14/2016 8:45:00 AM
1/21/2016 11:18 Log Download - Used Battery: 4% Used Memory: 51% User Name: KMakar Interval - Start Time: 1/12/2016 11:00:00 AM Stop Time: 1/21/2016 11:30:00 AM
1/28/2016 13:51 Log Download - Used Battery: 4% Used Memory: 51% User Name: KMakar Interval - Start Time: 1/18/2016 11:45:00 AM Stop Time: 1/28/2016 1:50:00 PM
2/4/2016 16:21 Log Download - Used Battery: 4% Used Memory: 53% User Name: CShaw Interval - Start Time: 12/31/2015 1:00:00 AM Stop Time: 2/4/2016 5:05:00 PM
2/11/2016 12:00 Log Download - Used Battery: 4% Used Memory: 54% User Name: CShaw Interval - Start Time: 2/2/2016 2:30:00 PM Stop Time: 2/11/2016 1:45:45 PM
2/18/2016 12:21 Log Download - Used Battery: 4% Used Memory: 54% User Name: CShaw Interval - Start Time: 2/4/2016 3:00:00 AM Stop Time: 2/18/2016 12:45:00 PM
2/25/2016 12:00 Log Download - Used Battery: 4% Used Memory: 56% User Name: KMakar Interval - Start Time: 2/15/2016 5:30:00 PM Stop Time: 2/25/2016 12:00:00 PM
3/3/2016 15:53 Log Download - Used Battery: 4% Used Memory: 56% User Name: SKuiper Interval - Start Time: 1/31/2016 12:00:01 AM Stop Time: 3/3/2016 4:35:00 PM
3/10/2016 8:38 Log Download - Used Battery: 4% Used Memory: 57% User Name: KMakar Interval - Start Time: 3/1/2016 12:00:00 PM Stop Time: 3/10/2016 8:30:00 AM
3/10/2016 8:48 Log Download - Used Battery: 4% Used Memory: 57% User Name: KMakar Interval - Start Time: 3/1/2016 12:00:00 PM Stop Time: 3/10/2016 8:45:00 AM
3/17/2016 17:25 Log Download - Used Battery: 4% Used Memory: 57% User Name: SKuiper Interval - Start Time: 3/8/2016 9:00:00 AM Stop Time: 3/17/2016 6:15:00 PM
3/24/2016 12:22 Log Download - Used Battery: 4% Used Memory: 59% User Name: KMakar Interval - Start Time: 3/15/2016 12:00:00 PM Stop Time: 3/24/2016 12:15:00 PM
3/31/2016 9:38 Log Download - Used Battery: 4% Used Memory: 59% User Name: SKuiper Interval - Start Time: 3/22/2016 12:00:00 PM Stop Time: 3/31/2016 10:30:00 AM
4/7/2016 12:16 Log Download - Used Battery: 4% Used Memory: 60% User Name: KMakar Interval - Start Time: 2/29/2016 5:00:00 PM Stop Time: 4/7/2016 12:15:00 PM
4/14/2016 17:22 Log Download - Used Battery: 4% Used Memory: 60% User Name: SKuiper Interval - Start Time: 4/5/2016 12:00:00 PM Stop Time: 4/14/2016 6:15:00 PM
4/21/2016 10:50 Log Download - Used Battery: 4% Used Memory: 62% User Name: ELinden Interval - Start Time: 4/12/2016 1:30:00 PM Stop Time: 4/21/2016 11:45:00 AM
4/28/2016 13:54 Log Download - Used Battery: 4% Used Memory: 62% User Name: KMakar Interval - Start Time: 4/19/2016 5:00:00 PM Stop Time: 4/28/2016 2:00:00 PM
5/5/2016 10:54 Log Download - Used Battery: 4% Used Memory: 64% User Name: SKuiper Interval - Start Time: 3/31/2016 12:00:00 PM Stop Time: 5/5/2016 11:30:00 AM

Log Data:
Record Count 718
Sensors 1
1 396433 PCTD 100 PSIG (70m/231ft)

Time Zone: Pacific Daylight Time/Pacific Standard Time

Date and Time	Elapsed Time Seconds	Sensor: PCTD(G) 231ft SN#: 396433 Pressure (PSI)	Sensor: PCTD(G) 231ft SN#: 396433 Temperature (C)	Sensor: PCTD(G) 231ft SN#: 396433 Depth (ft)	Sensor: PCTD(G) 231ft SN#: 396433 Actual Conductivity (µS/cm)	Sensor: PCTD(G) 231ft SN#: 396433 Specific Conductivity (µS/cm)	Sensor: PCTD(G) 231ft SN#: 396433 Salinity (PSU)	Sensor: PCTD(G) 231ft SN#: 396433 Total Dissolved Solids (ppt)	Sensor: PCTD(G) 231ft SN#: 396433 Resistivity (ohm-cm)	Sensor: PCTD(G) 231ft SN#: 396433 Water Density (g/cm3)	
11/2/2017 0:00		7200	10.72	16.703	24.148	37926.504	45069.137	29.299	30.647	26.367	1.021
11/2/2017 0:15		8100	10.66	16.703	24.012	37916.266	45056.066	29.29	30.638	26.374	1.021
11/2/2017 0:30		9000	10.616	16.702	23.913	37956.551	45105.375	29.325	30.672	26.346	1.021
11/2/2017 0:45		9900	10.699	16.704	24.102	37923.613	45063.984	29.295	30.644	26.369	1.021
11/2/2017 1:00		10800	10.547	16.704	23.757	37924.949	45066.281	29.297	30.645	26.368	1.021
11/2/2017 1:15		11700	10.698	16.703	24.099	37971.691	45121.93	29.337	30.683	26.335	1.021
11/2/2017 1:30		12600	10.557	16.701	23.781	37891.059	45028.168	29.269	30.619	26.391	1.021
11/2/2017 1:45		13500	10.573	16.703	23.817	37954.18	45101.574	29.323	30.669	26.348	1.021
11/2/2017 2:00		14400	10.505	16.704	23.664	37908.48	45046.098	29.283	30.631	26.379	1.021
11/2/2017 2:15		15300	10.546	16.703	23.756	37861.094	44990.504	29.242	30.594	26.412	1.021
11/2/2017 2:30		16200	10.599	16.704	23.875	37895.344	45030.297	29.271	30.621	26.388	1.021
11/2/2017 2:45		17100	10.589	16.704	23.853	37812.645	44932.66	29.201	30.554	26.446	1.021
11/2/2017 3:00		18000	10.595	16.707	23.866	37858.945	44984.086	29.238	30.589	26.414	1.021
11/2/2017 3:15		18900	10.576	16.705	23.824	37024.176	43994.488	28.524	29.916	27.009	1.021
11/2/2017 3:30		19800	10.567	16.703	23.804	37034.363	44008.613	28.534	29.926	27.002	1.021
11/2/2017 3:45		20700	10.552	16.704	23.77	37072.277	44052.266	28.566	29.956	26.974	1.021
11/2/2017 4:00		21600	10.501	16.705	23.655	37090.273	44072.688	28.58	29.969	26.961	1.021
11/2/2017 4:15		22500	10.548	16.703	23.76	37012.418	43982.461	28.515	29.908	27.018	1.021
11/2/2017 4:30		23400	10.583	16.705	23.84	36980.504	43942.945	28.487	29.881	27.041	1.021
11/2/2017 4:45		24300	10.597	16.706	23.871	36927.07	43878.055	28.44	29.837	27.08	1.021
11/2/2017 5:00		25200	10.543	16.703	23.748	36871.113	43814.105	28.394	29.794	27.122	1.021
11/2/2017 5:15		26100	10.466	16.705	23.575	36929.613	43882.398	28.443	29.84	27.079	1.021
11/2/2017 5:30		27000	10.559	16.705	23.786	36747.617	43665.352	28.287	29.692	27.213	1.02
11/2/2017 5:45		27900	10.603	16.703	23.883	36890.031	43837.371	28.411	29.809	27.108	1.021
11/2/2017 6:00		28800	10.573	16.704	23.816	36869.406	43811.555	28.392	29.792	27.123	1.021
11/2/2017 6:15		29700	10.632	16.702	23.95	36933.758	43890.383	28.449	29.845	27.076	1.021
11/2/2017 6:30		30600	10.633	16.704	23.953	36688.844	43597.25	28.238	29.646	27.256	1.02
11/2/2017 6:45		31500	10.704	16.703	24.111	37028.477	44001.445	28.529	29.921	27.006	1.021
11/2/2017 7:00		32400	10.695	16.704	24.092	36758.789	43679.754	28.298	29.702	27.204	1.02
11/2/2017 7:15		33300	10.715	16.705	24.136	37046.027	44020.453	28.543	29.934	26.993	1.021
11/2/2017 7:30		34200	10.735	16.705	24.182	37105.668	44091.5	28.594	29.982	26.95	1.021
11/2/2017 7:45		35100	10.655	16.706	24.002	36947.109	43902.129	28.458	29.853	27.066	1.021
11/2/2017 8:00		36000	10.65	16.705	23.991	37119.57	44107.5	28.605	29.993	26.94	1.021
11/2/2017 8:15		36900	10.714	16.706	24.135	37690.625	44785.523	29.094	30.454	26.532	1.021
11/2/2017 8:30		37800	10.754	16.706	24.224	37829.242	44949.594	29.213	30.566	26.435	1.021
11/2/2017 8:45		38700	10.716	16.706	24.138	37854.102	44979.77	29.235	30.586	26.417	1.021
11/2/2017 9:00		39600	10.775	16.706	24.272	37828.25	44948.688	29.212	30.565	26.435	1.021
11/2/2017 9:15		40500	10.806	16.706	24.341	37917.699	45055.34	29.289	30.638	26.373	1.021
11/2/2017 9:30		41400	10.72	16.707	24.148	37859.473	44984.801	29.238	30.59	26.413	1.021
11/2/2017 9:45		42300	10.793	16.707	24.313	37909.914	45045.09	29.282	30.631	26.378	1.021

11/2/2017 10:00	43200	10.996	16.702	24.77	37953.008	45101.066	29.322	30.669	26.348	1.021
11/2/2017 10:15	44100	11.129	16.706	25.068	37860.191	44987.172	29.24	30.591	26.413	1.021
11/2/2017 10:30	45000	11.161	16.706	25.14	37894.441	45027.16	29.269	30.618	26.389	1.021
11/2/2017 10:45	45900	11.242	16.704	25.323	37977.754	45128.32	29.342	30.687	26.331	1.021
11/2/2017 11:00	46800	11.112	16.707	25.032	37949.828	45092.34	29.316	30.663	26.351	1.021
11/2/2017 11:15	47700	11.127	16.706	25.065	37952.887	45096.871	29.319	30.666	26.348	1.021
11/2/2017 11:30	48600	11.148	16.707	25.113	38023.121	45178.879	29.379	30.722	26.3	1.021
11/2/2017 11:45	49500	11.125	16.706	25.061	38010.156	45164.563	29.368	30.712	26.309	1.021
11/2/2017 12:00	50400	11.177	16.706	25.177	38010.02	45164.492	29.368	30.712	26.309	1.021
11/2/2017 12:15	51300	11.119	16.706	25.046	37960.453	45105.504	29.326	30.672	26.343	1.021
11/2/2017 12:30	52200	11.035	16.703	24.857	38039.523	45202.887	29.396	30.738	26.288	1.021
11/2/2017 12:45	53100	10.974	16.707	24.72	38037.133	45196.434	29.391	30.734	26.29	1.021
11/2/2017 13:00	54000	10.978	16.707	24.728	38088.988	45258.051	29.436	30.775	26.254	1.021
11/2/2017 13:15	54900	10.863	16.705	24.471	38009.496	45165.223	29.369	30.712	26.309	1.021
11/2/2017 13:30	55800	10.812	16.706	24.355	38092.906	45263.246	29.44	30.779	26.252	1.021
11/2/2017 13:45	56700	10.679	16.707	24.056	38113.59	45286.922	29.457	30.795	26.237	1.021
11/2/2017 14:00	57600	10.658	16.708	24.009	38108.727	45279.609	29.452	30.79	26.241	1.021
11/2/2017 14:15	58500	10.673	16.707	24.042	38095.641	45265.773	29.441	30.781	26.25	1.021
11/2/2017 14:30	59400	10.604	16.709	23.887	38094.652	45262.613	29.439	30.779	26.25	1.021
11/2/2017 14:45	60300	10.617	16.707	23.915	38100.418	45271.27	29.445	30.784	26.246	1.021
11/2/2017 15:00	61200	10.543	16.706	23.748	38094.047	45264.516	29.441	30.78	26.251	1.021
11/2/2017 15:15	62100	10.532	16.707	23.723	38072.465	45238.332	29.422	30.762	26.266	1.021
11/2/2017 15:30	63000	10.528	16.708	23.716	38026.953	45182.902	29.382	30.724	26.297	1.021
11/2/2017 15:45	63900	10.543	16.595	23.75	38061.156	45339.496	29.488	30.831	26.274	1.021
11/2/2017 16:00	64800	10.575	16.579	23.821	38025.773	45314.582	29.469	30.814	26.298	1.021
11/2/2017 16:15	65700	10.609	16.581	23.898	38077.656	45374.051	29.512	30.854	26.262	1.021
11/2/2017 16:30	66600	10.554	16.711	23.774	37997.898	45145.676	29.355	30.699	26.317	1.021
11/2/2017 16:45	67500	10.557	16.71	23.781	37943.117	45080.852	29.308	30.655	26.355	1.021
11/2/2017 17:00	68400	10.542	16.714	23.747	37960.887	45098	29.321	30.667	26.343	1.021
11/2/2017 17:15	69300	10.457	16.713	23.557	37915.277	45045.258	29.282	30.631	26.375	1.021
11/2/2017 17:30	70200	10.52	16.712	23.697	37301.613	44316.914	28.757	30.136	26.808	1.021
11/2/2017 17:45	71100	10.51	16.711	23.676	37234.395	44237.918	28.7	30.082	26.857	1.021
11/2/2017 18:00	72000	10.547	16.714	23.757	37016.137	43975.625	28.511	29.903	27.015	1.021
11/2/2017 18:15	72900	10.557	16.712	23.781	36989.973	43946.832	28.49	29.884	27.034	1.021
11/2/2017 18:30	73800	10.576	16.713	23.822	36973.051	43925.676	28.475	29.869	27.047	1.021
11/2/2017 18:45	74700	10.57	16.712	23.809	36886.664	43824.094	28.402	29.8	27.11	1.021
11/2/2017 19:00	75600	10.528	16.712	23.716	36696.398	43598.215	28.239	29.647	27.251	1.02
11/2/2017 19:15	76500	10.595	16.71	23.866	36720.566	43629.098	28.261	29.668	27.233	1.02
11/2/2017 19:30	77400	10.55	16.711	23.766	36779.734	43698.445	28.311	29.715	27.189	1.02
11/2/2017 19:45	78300	10.55	16.711	23.764	36842.949	43773.109	28.365	29.766	27.142	1.02
11/2/2017 20:00	79200	10.673	16.712	24.041	36595.273	43478.145	28.153	29.565	27.326	1.02
11/2/2017 20:15	80100	10.59	16.71	23.854	36807.578	43731.965	28.335	29.738	27.168	1.02
11/2/2017 20:30	81000	10.606	16.71	23.89	36503.844	43370.746	28.076	29.492	27.394	1.02
11/2/2017 20:45	81900	10.626	16.712	23.936	36520.512	43388.641	28.089	29.504	27.382	1.02
11/2/2017 21:00	82800	10.635	16.708	23.957	36635.977	43530.426	28.19	29.601	27.296	1.02
11/2/2017 21:15	83700	10.65	16.709	23.99	36591.961	43476.563	28.152	29.564	27.328	1.02
11/2/2017 21:30	84600	10.683	16.709	24.064	36994.395	43955.328	28.496	29.89	27.031	1.021
11/2/2017 21:45	85500	10.711	16.711	24.127	36522.457	43392.688	28.092	29.507	27.38	1.02
11/2/2017 22:00	86400	10.739	16.71	24.19	36843.367	43774.137	28.366	29.766	27.142	1.02
11/2/2017 22:15	87300	10.691	16.711	24.082	36942.648	43891.223	28.45	29.846	27.069	1.021
11/2/2017 22:30	88200	10.708	16.711	24.122	36842.918	43772.992	28.365	29.766	27.142	1.02
11/2/2017 22:45	89100	10.697	16.712	24.097	36995.262	43952.766	28.494	29.888	27.03	1.021
11/2/2017 23:00	90000	10.734	16.712	24.18	37234.434	44237.176	28.699	30.081	26.857	1.021
11/2/2017 23:15	90900	10.699	16.712	24.102	37330.68	44351.617	28.782	30.159	26.788	1.021
11/2/2017 23:30	91800	10.652	16.711	23.996	36796.113	43717.199	28.325	29.728	27.177	1.02
11/2/2017 23:45	92700	10.581	16.71	23.834	36936.82	43885.695	28.446	29.842	27.073	1.021
11/3/2017 0:00	93600	10.618	16.711	23.918	37123.828	44106.656	28.605	29.993	26.937	1.021
11/3/2017 0:15	94500	10.604	16.713	23.887	37161.188	44148.75	28.636	30.021	26.91	1.021
11/3/2017 0:30	95400	10.71	16.711	24.126	37126.055	44109.125	28.607	29.994	26.935	1.021
11/3/2017 0:45	96300	10.723	16.712	24.155	36937.535	43884.781	28.445	29.842	27.073	1.021
11/3/2017 1:00	97200	10.681	16.713	24.061	37221.879	44221.383	28.688	30.071	26.866	1.021
11/3/2017 1:15	98100	10.575	16.713	23.822	37293.719	44306.73	28.749	30.129	26.814	1.021
11/3/2017 1:30	99000	10.625	16.713	23.933	37171.504	44161.617	28.645	30.03	26.902	1.021
11/3/2017 1:45	99900	10.538	16.713	23.739	37256.094	44262.207	28.717	30.098	26.841	1.021
11/3/2017 2:00	100800	10.597	16.717	23.871	37181.004	44169.016	28.65	30.035	26.895	1.021
11/3/2017 2:15	101700	10.526	16.714	23.711	36857.102	43787.387	28.375	29.775	27.132	1.021
11/3/2017 2:30	102600	10.505	16.718	23.664	37038.289	43998.613	28.528	29.919	26.999	1.021
11/3/2017 2:45	103500	10.524	16.715	23.707	36762.254	43673.223	28.293	29.698	27.202	1.02
11/3/2017 3:00	104400	10.419	16.715	23.469	36625.234	43510.098	28.176	29.587	27.304	1.02
11/3/2017 3:15	105300	10.518	16.717	23.692	36453.375	43304.727	28.029	29.447	27.432	1.02
11/3/2017 3:30	106200	10.489	16.716	23.628	36648.883	43537.59	28.196	29.606	27.286	1.02
11/3/2017 3:45	107100	10.475	16.714	23.597	36500.34	43362.684	28.07	29.487	27.397	1.02
11/3/2017 4:00	108000	10.474	16.717	23.595	36366.148	43200.672	27.954	29.376	27.498	1.02
11/3/2017 4:15	108900	10.461	16.718	23.564	36556.543	43425.973	28.116	29.53	27.355	1.02
11/3/2017 4:30	109800	10.463	16.715	23.57	36091.723	42876.637	27.721	29.156	27.707	1.02
11/3/2017 4:45	110700	10.451	16.718	23.542	36181.77	42981.207	27.796	29.227	27.638	1.02
11/3/2017 5:00	111600	10.382	16.72	23.385	36217.5	43021.688	27.826	29.255	27.611	1.02
11/3/2017 5:15	112500	10.467	16.714	23.577	36181.672	42984.449	27.799	29.229	27.638	1.02
11/3/2017 5:30	113400	10.446	16.717	23.53	36077.887	42858.152	27.708	29.144	27.718	1.02
11/3/2017 5:45	114300	10.559	16.715	23.784	36142.93	42937.559	27.765	29.198	27.668	1.02
11/3/2017 6:00	115200	10.416	16.716	23.463	36088.641	42872.121	27.718	29.153	27.71	1.02
11/3/2017 6:15	116100	10.502	16.716	23.656	35989.918	42755.02	27.634	29.073	27.786	1.02
11/3/2017 6:30	117000	10.547	16.716	23.757	35969.059	42729.98	27.616	29.056	27.802	1.02
11/3/2017 6:45	117900	10.575	16.712	23.822	35992.629	42762.156	27.639	29.078	27.783	1.02
11/3/2017 7:00	118800	10.552	16.712	23.77	36025.605	42800.754	27.667	29.105	27.758	1.02
11/3/2017 7:15	119700	10.573	16.711	23.816	35975.922	42742.734	27.625	29.065	27.796	1.02
11/3/2017 7:30	120600	10.738	16.713	24.189	35987.965	42755.09	27.634	29.073	27.787	1.02
11/3/2017 7:45	121500	10.552	16.713	23.77	36038.234	42815.234	27.677	29.114	27.748	1.02
11/3/2017 8:00	122400	10.669	16.711	24.034	36112.961	42905.477	27.742	29.176	27.691	1.02
11/3/2017 8:15	123300	10.627	16.715	23.939	36216.277	43025.047	27.828	29.257	27.612	1.02
11/3/2017 8:30	124200	10.624	16.713	23.						

11/4/2017 6:30	203400	10.503	16.725	23.66	34526.984	41008.902	26.387	27.886	28.963	1.019
11/4/2017 6:45	204300	10.518	16.724	23.694	34556.883	41045.148	26.412	27.911	28.938	1.019
11/4/2017 7:00	205200	10.528	16.722	23.715	34630.375	41134.488	26.476	27.971	28.876	1.019
11/4/2017 7:15	206100	10.492	16.723	23.634	35010.41	41584.992	26.797	28.278	28.563	1.019
11/4/2017 7:30	207000	10.504	16.719	23.662	34717.832	41240.762	26.552	28.044	28.804	1.019
11/4/2017 7:45	207900	10.573	16.719	23.818	34623.781	41128.801	26.472	27.968	28.882	1.019
11/4/2017 8:00	208800	10.609	16.721	23.897	34770.852	41301.926	26.595	28.085	28.76	1.019
11/4/2017 8:15	209700	10.6	16.719	23.878	34560.141	41053.359	26.418	27.916	28.935	1.019
11/4/2017 8:30	210600	10.581	16.719	23.834	35114.367	41712.227	26.888	28.364	28.478	1.019
11/4/2017 8:45	211500	10.544	16.717	23.752	34810.867	41353.016	26.632	28.12	28.727	1.019
11/4/2017 9:00	212400	10.608	16.719	23.896	34762.313	41294.02	26.59	28.08	28.767	1.019
11/4/2017 9:15	213300	10.651	16.718	23.992	34876.699	41430.223	26.687	28.173	28.672	1.019
11/4/2017 9:30	214200	10.732	16.717	24.174	35391.887	42043.645	27.125	28.59	28.255	1.02
11/4/2017 9:45	215100	10.707	16.718	24.119	34980.059	41553.668	26.775	28.256	28.588	1.019
11/4/2017 10:00	216000	10.66	16.718	24.012	35028.734	41611.164	26.816	28.296	28.548	1.019
11/4/2017 10:15	216900	10.909	16.714	24.575	35382.836	42035.672	27.119	28.584	28.262	1.02
11/4/2017 10:30	217800	11.02	16.717	24.825	35840.359	42576.496	27.506	28.952	27.902	1.02
11/4/2017 10:45	218700	11.143	16.716	25.101	35672.395	42377.809	27.364	28.817	28.033	1.02
11/4/2017 11:00	219600	11.072	16.716	24.94	36183.555	42984.453	27.799	29.229	27.637	1.02
11/4/2017 11:15	220500	11	16.72	24.778	36613.008	43490.891	28.163	29.574	27.313	1.02
11/4/2017 11:30	221400	10.873	16.717	24.493	36562.051	43433.828	28.121	29.535	27.351	1.02
11/4/2017 11:45	222300	10.755	16.72	24.226	36787.801	43698.777	28.312	29.715	27.183	1.02
11/4/2017 12:00	223200	10.724	16.718	24.156	36699.781	43595.961	28.238	29.645	27.248	1.02
11/4/2017 12:15	224100	10.767	16.721	24.254	36922.68	43857.855	28.427	29.823	27.084	1.021
11/4/2017 12:30	225000	10.699	16.722	24.1	37059	44019.07	28.543	29.933	26.984	1.021
11/4/2017 12:45	225900	10.684	16.721	24.067	36943.73	43882.684	28.444	29.84	27.068	1.021
11/4/2017 13:00	226800	10.714	16.72	24.134	37063.48	44025.719	28.547	29.937	26.981	1.021
11/4/2017 13:15	227700	10.725	16.72	24.16	37861.426	44973.648	29.231	30.582	26.412	1.021
11/4/2017 13:30	228600	10.665	16.722	24.025	37802.465	44901.641	29.179	30.533	26.453	1.021
11/4/2017 13:45	229500	10.636	16.722	23.959	37787.109	44883.848	29.166	30.521	26.464	1.021
11/4/2017 14:00	230400	10.622	16.72	23.928	38024.18	45167.422	29.371	30.714	26.299	1.021
11/4/2017 14:15	231300	10.537	16.722	23.735	37948.828	45075.938	29.305	30.652	26.351	1.021
11/4/2017 14:30	232200	10.552	16.723	23.768	37563.98	44617.918	28.974	30.34	26.621	1.021
11/4/2017 14:45	233100	10.596	16.724	23.867	37860.996	44969.098	29.228	30.579	26.412	1.021
11/4/2017 15:00	234000	10.563	16.726	23.795	37993.078	45123.719	29.34	30.684	26.321	1.021
11/4/2017 15:15	234900	10.523	16.724	23.704	37417.41	44442.672	28.848	30.221	26.726	1.021
11/4/2017 15:30	235800	10.45	16.724	23.54	37083.164	44045.496	28.562	29.951	26.966	1.021
11/4/2017 15:45	236700	10.522	16.724	23.701	37343.449	44354.387	28.784	30.161	26.778	1.021
11/4/2017 16:00	237600	10.497	16.726	23.645	37121.684	44088.863	28.593	29.98	26.938	1.021
11/4/2017 16:15	238500	10.46	16.725	23.563	37163.953	44140.035	28.63	30.015	26.908	1.021
11/4/2017 16:30	239400	10.475	16.725	23.596	37003.078	43948.961	28.492	29.885	27.025	1.021
11/4/2017 16:45	240300	10.45	16.728	23.539	37145.477	44115.098	28.612	29.998	26.921	1.021
11/4/2017 17:00	241200	10.411	16.73	23.451	36880.875	43798.836	28.385	29.783	27.114	1.021
11/4/2017 17:15	242100	10.374	16.729	23.369	36814.625	43721.383	28.329	29.731	27.163	1.02
11/4/2017 17:30	243000	10.404	16.73	23.435	36678.445	43558.523	28.212	29.62	27.264	1.02
11/4/2017 17:45	243900	10.33	16.728	23.269	36354.035	43175.34	27.936	29.359	27.507	1.02
11/4/2017 18:00	244800	10.316	16.731	23.238	36317.223	43129.289	27.903	29.328	27.535	1.02
11/4/2017 18:15	245700	10.341	16.729	23.295	36233.25	43031.289	27.833	29.261	27.599	1.02
11/4/2017 18:30	246600	10.354	16.731	23.323	36176.84	42962.656	27.784	29.215	27.642	1.02
11/4/2017 18:45	247500	10.367	16.731	23.352	36138.863	42917.477	27.751	29.184	27.671	1.02
11/4/2017 19:00	248400	10.384	16.73	23.392	36054.922	42818.555	27.68	29.117	27.735	1.02
11/4/2017 19:15	249300	10.381	16.73	23.384	35877.09	42606.934	27.529	28.973	27.873	1.02
11/4/2017 19:30	250200	10.304	16.731	23.211	35744.75	42449.172	27.416	28.865	27.976	1.02
11/4/2017 19:45	251100	10.411	16.729	23.452	35507.801	42169.387	27.215	28.675	28.163	1.02
11/4/2017 20:00	252000	10.385	16.728	23.393	35556.336	42227.965	27.257	28.715	28.124	1.02
11/4/2017 20:15	252900	10.358	16.73	23.333	35318.891	41944.027	27.054	28.522	28.313	1.019
11/4/2017 20:30	253800	10.434	16.729	23.503	35197.32	41800.414	26.952	28.424	28.411	1.019
11/4/2017 20:45	254700	10.404	16.73	23.435	35175.695	41774.145	26.933	28.406	28.429	1.019
11/4/2017 21:00	255600	10.45	16.729	23.539	35310.758	41935.211	27.048	28.516	28.32	1.019
11/4/2017 21:15	256500	10.407	16.728	23.443	35002.438	41570.543	26.787	28.268	28.569	1.019
11/4/2017 21:30	257400	10.482	16.726	23.611	35218.371	41828.25	26.971	28.443	28.394	1.019
11/4/2017 21:45	258300	10.523	16.726	23.704	34935.914	41493.691	26.732	28.216	28.624	1.019
11/4/2017 22:00	259200	10.501	16.724	23.655	35301.715	41929.824	27.044	28.512	28.327	1.019
11/4/2017 22:15	260100	10.509	16.725	23.671	34984.656	41552.078	26.774	28.255	28.584	1.019
11/4/2017 22:30	261000	10.486	16.724	23.62	34992.863	41562.496	26.781	28.262	28.577	1.019
11/4/2017 22:45	261900	10.562	16.724	23.791	34827.285	41366.414	26.641	28.129	28.713	1.019
11/4/2017 23:00	262800	10.586	16.723	23.846	34942.91	41504.398	26.74	28.223	28.618	1.019
11/4/2017 23:15	263700	10.566	16.721	23.802	34886.301	41439.227	26.693	28.179	28.665	1.019
11/4/2017 23:30	264600	10.51	16.723	23.676	35008.98	41583.293	26.796	28.277	28.564	1.019
11/4/2017 23:45	265500	10.476	16.725	23.598	35055.266	41636.109	26.834	28.313	28.526	1.019
11/5/2017 0:00	266400	10.525	16.723	23.709	34965.32	41531.27	26.759	28.241	28.6	1.019
11/5/2017 0:15	267300	10.608	16.723	23.896	34898.883	41452.523	26.703	28.188	28.654	1.019
11/5/2017 0:30	268200	10.533	16.724	23.727	34838.422	41378.973	26.65	28.138	28.704	1.019
11/5/2017 0:45	269100	10.543	16.725	23.748	35130.926	41725.387	26.898	28.373	28.465	1.019
11/5/2017 1:00	270000	10.577	16.722	23.825	34926.926	41485.988	26.727	28.21	28.631	1.019
11/5/2017 1:15	270900	10.633	16.721	23.951	35168.027	41773.625	26.932	28.406	28.435	1.019
11/5/2017 1:30	271800	10.583	16.723	23.84	35104.078	41695.668	26.876	28.353	28.487	1.019
11/5/2017 1:45	272700	10.55	16.724	23.766	35005.969	41578.395	26.793	28.273	28.567	1.019
11/5/2017 2:00	273600	10.553	16.725	23.772	35286.52	41911.031	27.03	28.5	28.339	1.019
11/5/2017 2:15	274500	10.459	16.726	23.559	34899.691	41450.504	26.702	28.186	28.654	1.019
11/5/2017 2:30	275400	10.479	16.725	23.604	35072.492	41656.648	26.849	28.327	28.512	1.019
11/5/2017 2:45	276300	10.475	16.725	23.596	34980.656	41547.25	26.771	28.252	28.587	1.019
11/5/2017 2:00	277200	10.474	16.725	23.595	34835.883	41375.457	26.648	28.135	28.706	1.019
11/5/2017 2:15	278100	10.435	16.725	23.505	34809.809	41344.328	26.626	28.114	28.728	1.019
11/5/2017 2:30	279000	10.523	16.726	23.705	35058.305	41638.301	26.836	28.314	28.524	1.019
11/5/2017 2:45	279900	10.466	16.726	23.575	35154.836	41753.293	26.918	28.392	28.446	1.019
11/5/2017 3:00	280800	10.417	16.727	23.464	35360.902	41997.195	27.092	28.558	28.28	1.02
11/5/2017 3:15	281700	10.398	16.728	23.423	35034.488	41608.27	26.814	28.294	28.543	1.019
11/5/2017 3:30	282600	10.407	16.727	23.463	35010.387	41580.73	26.795	28.275	28.563	1.019
11/5/2017 3:45	283500	10.416	16.729	23.443	35003.43	41570.809	26.788	28.268	28.569	

11/6/2017 2:00	363600	10.416	16.725	23.463	35270.332	41891.805	27.017	28.486	28.352	1.019
11/6/2017 2:15	364500	10.433	16.726	23.5	35003.867	41573.82	26.79	28.27	28.568	1.019
11/6/2017 2:30	365400	10.425	16.727	23.483	34934.094	41490.531	26.73	28.214	28.625	1.019
11/6/2017 2:45	366300	10.444	16.727	23.525	34965.578	41527.18	26.756	28.238	28.6	1.019
11/6/2017 3:00	367200	10.427	16.727	23.488	34791.668	41321.297	26.609	28.098	28.743	1.019
11/6/2017 3:15	368100	10.367	16.728	23.353	35011.309	41581.254	26.795	28.275	28.562	1.019
11/6/2017 3:30	369000	10.28	16.728	23.157	34891.871	41438.891	26.693	28.178	28.66	1.019
11/6/2017 3:45	369900	10.405	16.726	23.438	35230.902	41843.719	26.982	28.454	28.384	1.019
11/6/2017 4:00	370800	10.369	16.729	23.356	34732.293	41249.051	26.558	28.049	28.792	1.019
11/6/2017 4:15	371700	10.35	16.727	23.314	34881.777	41428.234	26.686	28.171	28.668	1.019
11/6/2017 4:30	372600	10.358	16.728	23.333	34771.676	41296.402	26.592	28.082	28.759	1.019
11/6/2017 4:45	373500	10.386	16.729	23.396	34909.414	41459.23	26.708	28.192	28.646	1.019
11/6/2017 5:00	374400	10.356	16.727	23.328	34684.652	41193.535	26.518	28.012	28.831	1.019
11/6/2017 5:15	375300	10.365	16.727	23.348	34695.348	41206.156	26.527	28.02	28.822	1.019
11/6/2017 5:30	376200	10.417	16.727	23.465	34707.512	41221.18	26.538	28.03	28.812	1.019
11/6/2017 5:45	377100	10.371	16.729	23.361	34501.914	40975.121	26.363	27.863	28.984	1.019
11/6/2017 6:00	378000	10.361	16.727	23.34	34844.523	41383.82	26.654	28.141	28.699	1.019
11/6/2017 6:15	378900	10.351	16.728	23.316	34971.203	41533.039	26.761	28.242	28.595	1.019
11/6/2017 6:30	379800	10.358	16.728	23.333	34498.27	40971.691	26.36	27.861	28.987	1.019
11/6/2017 6:45	380700	10.33	16.726	23.269	34502.906	40978.75	26.365	27.866	28.983	1.019
11/6/2017 7:00	381600	10.412	16.727	23.453	34715.672	41230.625	26.545	28.037	28.805	1.019
11/6/2017 7:15	382500	10.356	16.726	23.328	34535.824	41018.504	26.394	27.893	28.955	1.019
11/6/2017 7:30	383400	10.46	16.726	23.562	35024.672	41598.355	26.807	28.287	28.551	1.019
11/6/2017 7:45	384300.002	10.463	16.726	23.57	34672.594	41180.195	26.509	28.003	28.841	1.019
11/6/2017 8:00	385200	10.429	16.727	23.493	34405.668	40862.688	26.283	27.787	29.065	1.019
11/6/2017 8:15	386100	10.515	16.723	23.687	34623.781	41125.02	26.469	27.965	28.882	1.019
11/6/2017 8:30	387000	10.508	16.723	23.671	34712.281	41226.434	26.542	28.034	28.808	1.019
11/6/2017 8:45	387900	10.498	16.723	23.647	34840.582	41382.613	26.653	28.14	28.702	1.019
11/6/2017 9:00	388800	10.763	16.718	24.244	34922.445	41484.992	26.726	28.21	28.635	1.019
11/6/2017 9:15	389700	10.841	16.717	24.42	34758.328	41291.098	26.587	28.078	28.77	1.019
11/6/2017 9:30	390600	10.982	16.714	24.738	35316.18	41956.141	27.062	28.53	28.316	1.019
11/6/2017 9:45	391500	11.026	16.715	24.838	35407.113	42062.992	27.139	28.603	28.243	1.02
11/6/2017 10:00	392400	10.936	16.718	24.634	35638.73	42335.195	27.334	28.788	28.059	1.02
11/6/2017 10:15	393300	10.638	16.718	23.963	35859.109	42597.582	27.521	28.966	27.887	1.02
11/6/2017 10:30	394200	10.575	16.719	23.822	35932.203	42683.551	27.583	29.025	27.83	1.02
11/6/2017 10:45	395100	10.647	16.718	23.984	36133.918	42924.199	27.756	29.188	27.675	1.02
11/6/2017 11:00	396000	10.688	16.719	24.075	36353.598	43183.949	27.942	29.365	27.508	1.02
11/6/2017 11:15	396900	10.703	16.72	24.11	36267.398	43080.691	27.868	29.295	27.573	1.02
11/6/2017 11:30	397800	10.708	16.718	24.122	36654.773	43542.406	28.2	29.609	27.282	1.02
11/6/2017 11:45	398700	10.666	16.72	24.026	36365.77	43197.641	27.952	29.374	27.498	1.02
11/6/2017 12:00	399600	10.644	16.718	23.977	36972.52	43919.777	28.471	29.865	27.047	1.021
11/6/2017 12:15	400500	10.677	16.72	24.052	36817.289	43733.629	28.337	29.739	27.161	1.02
11/6/2017 12:30	401400	10.661	16.719	24.015	37017.387	43971.934	28.509	29.901	27.014	1.021
11/6/2017 12:45	402300	10.619	16.718	23.921	36881.816	43812.027	28.393	29.792	27.114	1.021
11/6/2017 13:00	403200	10.635	16.719	23.956	37271.223	44274.262	28.726	30.106	26.83	1.021
11/6/2017 13:15	404100	10.655	16.72	24.002	37002.887	43953.926	28.496	29.889	27.025	1.021
11/6/2017 13:30	405000	10.643	16.718	23.975	37855.855	44969.895	29.228	30.58	26.416	1.021
11/6/2017 13:45	405900	10.638	16.721	23.963	37779.578	44875.434	29.16	30.515	26.469	1.021
11/6/2017 14:00	406800	10.552	16.718	23.769	37629.063	44699.684	29.033	30.396	26.575	1.021
11/6/2017 14:15	407700	10.598	16.719	23.872	37371	44392.508	28.812	30.187	26.759	1.021
11/6/2017 14:30	408600	10.619	16.725	23.921	37192.297	44174.059	28.655	30.038	26.887	1.021
11/6/2017 14:45	409500	10.545	16.723	23.754	37909.449	45028.262	29.271	30.619	26.379	1.021
11/6/2017 15:00	410400	10.52	16.722	23.697	38135.879	45297.75	29.465	30.802	26.222	1.021
11/6/2017 15:15	411300	10.445	16.722	23.528	38156.617	45323.012	29.484	30.82	26.208	1.021
11/6/2017 15:30	412200	10.449	16.721	23.538	38160.723	45328.352	29.488	30.823	26.205	1.021
11/6/2017 15:45	413100	10.428	16.723	23.49	38192.07	45363.68	29.513	30.847	26.183	1.021
11/6/2017 16:00	414000	10.373	16.724	23.367	38125.613	45283.301	29.455	30.793	26.229	1.021
11/6/2017 16:15	414900	10.378	16.724	23.376	38148.621	45310.801	29.475	30.811	26.213	1.021
11/6/2017 16:30	415800	10.395	16.724	23.416	38149.945	45312.828	29.476	30.813	26.212	1.021
11/6/2017 16:45	416700	10.382	16.724	23.387	38095.488	45247.52	29.429	30.768	26.25	1.021
11/6/2017 17:00	417600	10.337	16.725	23.286	38158.438	45321.652	29.483	30.819	26.207	1.021
11/6/2017 17:15	418500	10.301	16.726	23.204	38207.832	45379.508	29.525	30.858	26.173	1.021
11/6/2017 17:30	419400	10.337	16.726	23.285	38128.211	45284.941	29.456	30.794	26.227	1.021
11/6/2017 17:45	420300	10.318	16.727	23.242	38177.992	45342.43	29.498	30.833	26.193	1.021
11/6/2017 18:00	421200	10.251	16.727	23.091	38114.422	45267.383	29.444	30.782	26.237	1.021
11/6/2017 18:15	422100	10.282	16.728	23.162	38122.492	45275.527	29.45	30.787	26.231	1.021
11/6/2017 18:30	423000	10.233	16.727	23.05	38091.191	45240.156	29.423	30.763	26.253	1.021
11/6/2017 18:45	423900	10.18	16.727	22.932	38102.184	45252.566	29.434	30.772	26.245	1.021
11/6/2017 19:00	424800	10.22	16.726	23.023	38117.309	45271.539	29.447	30.785	26.235	1.021
11/6/2017 19:15	425700	10.193	16.728	22.961	38026.176	45161.676	29.367	30.71	26.298	1.021
11/6/2017 19:30	426600.001	10.21	16.727	22.999	37997.895	45128.809	29.344	30.688	26.317	1.021
11/6/2017 19:45	427500	10.209	16.728	22.996	37952.34	45074.176	29.304	30.65	26.349	1.021
11/6/2017 20:00	428400	10.231	16.727	23.046	37459.645	44489.816	28.882	30.253	26.695	1.021
11/6/2017 20:15	429300	10.189	16.727	22.951	36881.535	43803.469	28.388	29.786	27.114	1.021
11/6/2017 20:30	430200	10.225	16.727	23.033	36507.051	43358.445	28.068	29.484	27.392	1.02
11/6/2017 20:45	431100	10.29	16.728	23.179	36275.156	43082.168	27.869	29.296	27.567	1.02
11/6/2017 21:00	432000	10.174	16.726	22.919	36502.727	43354.082	28.065	29.481	27.395	1.02
11/6/2017 21:15	432900	10.249	16.727	23.087	36351.645	43173.613	27.935	29.358	27.509	1.02
11/6/2017 21:30	433800	10.261	16.728	23.114	36377.691	43204.039	27.957	29.379	27.489	1.02
11/6/2017 21:45	434700	10.303	16.727	23.209	36174.27	42962.691	27.784	29.215	27.644	1.02
11/6/2017 22:00	435600	10.339	16.728	23.291	36268.332	43074.16	27.864	29.29	27.572	1.02
11/6/2017 22:15	436500	10.294	16.728	23.188	36237.754	43037.844	27.838	29.266	27.596	1.02
11/6/2017 22:30	437400	10.342	16.726	23.296	36053.289	42820.207	27.681	29.118	27.737	1.02
11/6/2017 22:45	438300	10.287	16.728	23.172	35913.762	42652.957	27.562	29.004	27.844	1.02
11/6/2017 23:00	439200	10.353	16.728	23.321	36311.332	43125.047	27.9	29.325	27.54	1.02
11/6/2017 23:15	440100	10.353	16.726	23.322	35824.91	42549.473	27.487	28.934	27.914	1.02
11/6/2017 23:30	441000	10.409	16.728	23.448	36080.738	42851.184	27.704	29.139	27.716	1.02
11/6/2017 23:45	441900	10.388	16.725	23.401	36223.605	43023.176	27.827	29.256	27.606	1.02
11/7/2017 0:00	442800	10.374	16.726	23.369	36024.699	42786.168	27.657	29.095	27.759	1.02
11/7/2017 0:15	443700	10.424	16.726	23.481	35739.777	42447.676	27.415	28.86		

11/7/2017 22:30	523800	10.263	16.723	23.117	35496.445	42161.629	27.21	28.67	28.172	1.02
11/7/2017 22:45	524700	10.255	16.724	23.1	35576.285	42256.043	27.277	28.734	28.109	1.02
11/7/2017 23:00	525600	10.265	16.725	23.124	35437.922	42090.762	27.159	28.622	28.218	1.02
11/7/2017 23:15	526500	10.297	16.724	23.194	35278.336	41901.977	27.024	28.493	28.346	1.019
11/7/2017 23:30	527400	10.36	16.724	23.336	35367.551	42007.777	27.1	28.565	28.275	1.02
11/7/2017 23:45	528300	10.31	16.725	23.225	35506.012	42171.633	27.217	28.677	28.164	1.02
11/8/2017 0:00	529200	10.342	16.723	23.297	35145.535	41744.988	26.912	28.387	28.453	1.019
11/8/2017 0:15	530100	10.312	16.724	23.228	35288.914	41914.621	27.033	28.502	28.338	1.019
11/8/2017 0:30	531000	10.318	16.723	23.242	35251.023	41869.965	27.001	28.472	28.368	1.019
11/8/2017 0:45	531900	10.417	16.723	23.465	35082.438	41669.723	26.858	28.335	28.504	1.019
11/8/2017 1:00	532800	10.388	16.723	23.4	35279.758	41904.84	27.026	28.495	28.345	1.019
11/8/2017 1:15	533700	10.437	16.723	23.51	35091.031	41680.59	26.866	28.343	28.497	1.019
11/8/2017 1:30	534600	10.433	16.721	23.5	35183.543	41792.137	26.945	28.419	28.422	1.019
11/8/2017 1:45	535500	10.414	16.722	23.458	35251.328	41871.824	27.002	28.473	28.368	1.019
11/8/2017 2:00	536400	10.397	16.721	23.421	35315.215	41948.793	27.057	28.525	28.316	1.019
11/8/2017 2:15	537300	10.439	16.723	23.516	35097.188	41687.988	26.871	28.348	28.492	1.019
11/8/2017 2:30	538200	10.434	16.721	23.504	35517.449	42188.762	27.229	28.688	28.155	1.02
11/8/2017 2:45	539100	10.39	16.723	23.406	35508.23	42175.707	27.22	28.679	28.162	1.02
11/8/2017 3:00	540000	10.409	16.722	23.448	35573.074	42253.578	27.275	28.732	28.111	1.02
11/8/2017 3:15	540900	10.451	16.722	23.542	35423.035	42075.781	27.148	28.612	28.23	1.02
11/8/2017 3:30	541800	10.431	16.722	23.497	35285.691	41912.223	27.031	28.5	28.34	1.019
11/8/2017 3:45	542700	10.409	16.72	23.448	35521.668	42194.707	27.233	28.692	28.152	1.02
11/8/2017 4:00	543600	10.364	16.723	23.346	35351.578	41990.23	27.087	28.553	28.287	1.02
11/8/2017 4:15	544500	10.326	16.723	23.261	35745.164	42457.051	27.421	28.871	27.976	1.02
11/8/2017 4:30	545400	10.498	16.721	23.648	35545.063	42221.48	27.252	28.711	28.133	1.02
11/8/2017 4:45	546300	10.374	16.722	23.369	35911.352	42655.883	27.563	29.006	27.846	1.02
11/8/2017 5:00	547200	10.289	16.723	23.177	35815.195	42540.738	27.481	28.928	27.921	1.02
11/8/2017 5:15	548100	10.413	16.722	23.456	35339.777	41976.961	27.077	28.544	28.297	1.02
11/8/2017 5:30	549000	10.386	16.722	23.394	35809.426	42534.652	27.477	28.924	27.926	1.02
11/8/2017 5:45	549900	10.332	16.721	23.274	35316.09	41949.481	27.058	28.526	28.316	1.019
11/8/2017 6:00	550800	10.333	16.723	23.276	35605.457	42291.109	27.302	28.758	28.086	1.02
11/8/2017 6:15	551700	10.29	16.722	23.179	35653.723	42349.965	27.344	28.798	28.048	1.02
11/8/2017 6:30	552600	10.375	16.721	23.371	35379.406	42024.875	27.112	28.577	28.265	1.02
11/8/2017 6:45	553500	10.412	16.721	23.454	35576.66	42259.094	27.279	28.736	28.108	1.02
11/8/2017 7:00	554400	10.328	16.722	23.265	35788.547	42509.516	27.459	28.906	27.942	1.02
11/8/2017 7:15	555300	10.416	16.722	23.463	35468.285	42129.441	27.186	28.648	28.194	1.02
11/8/2017 7:30	556200	10.319	16.722	23.245	35774.531	42492.867	27.447	28.895	27.953	1.02
11/8/2017 7:45	557100	10.346	16.721	23.306	35565.27	42245.82	27.27	28.727	28.117	1.02
11/8/2017 8:00	558000	10.408	16.72	23.445	35528.785	42202.824	27.239	28.698	28.146	1.02
11/8/2017 8:15	558900	10.427	16.721	23.488	35376.707	42021.668	27.109	28.575	28.267	1.02
11/8/2017 8:30	559800	10.403	16.72	23.433	35647.285	42343.41	27.34	28.794	28.053	1.02
11/8/2017 8:45	560700	10.43	16.719	23.494	35556.445	42236.938	27.263	28.721	28.124	1.02
11/8/2017 9:00	561600	10.446	16.719	23.53	35610.582	42301.16	27.309	28.765	28.082	1.02
11/8/2017 9:15	562500	10.43	16.718	23.495	35894.008	42639.207	27.551	28.995	27.86	1.02
11/8/2017 9:30	563400	10.449	16.717	23.538	35608.77	42301.457	27.309	28.765	28.083	1.02
11/8/2017 9:45	564300	10.484	16.716	23.615	35504.051	42177.824	27.221	28.681	28.166	1.02
11/8/2017 10:00	565200	10.542	16.716	23.747	35812.758	42544.379	27.483	28.93	27.923	1.02
11/8/2017 10:15	566100	10.445	16.717	23.529	35850.949	42588.816	27.515	28.96	27.893	1.02
11/8/2017 10:30	567000	10.475	16.717	23.597	35820.676	42553.02	27.489	28.936	27.917	1.02
11/8/2017 10:45	567900	10.472	16.717	23.589	35720.285	42433.344	27.404	28.855	27.995	1.02
11/8/2017 11:00	568800	10.498	16.717	23.648	35958.293	42716.164	27.606	29.047	27.81	1.02
11/8/2017 11:15	569700	10.497	16.716	23.645	35947.82	42705.18	27.598	29.04	27.818	1.02
11/8/2017 11:30	570600	10.563	16.715	23.793	36020.66	42792.734	27.661	29.099	27.762	1.02
11/8/2017 11:45	571500	10.528	16.714	23.716	36183.707	42987.039	27.8	29.231	27.637	1.02
11/8/2017 12:00	572400	10.57	16.715	23.809	36258.504	43074.773	27.863	29.291	27.58	1.02
11/8/2017 12:15	573300	10.531	16.713	23.721	36352.527	43188.035	27.945	29.368	27.508	1.02
11/8/2017 12:30	574200	10.597	16.713	23.871	36394.422	43237.879	27.98	29.402	27.477	1.02
11/8/2017 12:45	575100	10.584	16.714	23.842	36472.25	43329.313	28.046	29.464	27.418	1.02
11/8/2017 13:00	576000	10.599	16.715	23.874	36494.93	43355.734	28.065	29.482	27.401	1.02
11/8/2017 13:15	576900	10.667	16.713	24.029	36677.891	43575.352	28.223	29.631	27.264	1.02
11/8/2017 13:30	577800	10.701	16.712	24.104	36970.699	43923.586	28.473	29.868	27.048	1.021
11/8/2017 13:45	578700	10.622	16.712	23.926	37792.805	44900.203	29.178	30.532	26.46	1.021
11/8/2017 14:00	579600	10.618	16.714	23.919	37841.324	44956.672	29.218	30.571	26.426	1.021
11/8/2017 14:15	580500	10.657	16.715	24.006	37833.82	44946.504	29.211	30.564	26.431	1.021
11/8/2017 14:30	581400	10.847	16.713	24.433	37885.523	45010.086	29.257	30.607	26.395	1.021
11/8/2017 14:45	582300	10.869	16.712	24.484	37872.699	44995.48	29.246	30.597	26.404	1.021
11/8/2017 15:00	583200	10.838	16.713	24.413	37828.996	44942.926	29.208	30.561	26.435	1.021
11/8/2017 15:15	584100	10.857	16.712	24.456	37847.434	44965.637	29.225	30.577	26.422	1.021
11/8/2017 15:30	585000	10.916	16.713	24.589	37888.969	45014.094	29.26	30.61	26.393	1.021
11/8/2017 15:45	585900	10.858	16.712	24.459	37921.352	45052.832	29.288	30.636	26.37	1.021
11/8/2017 16:00	586800	10.815	16.713	24.362	37960.961	45099.258	29.321	30.667	26.343	1.021
11/8/2017 16:15	587700	10.912	16.715	24.58	37836.867	44950.398	29.214	30.566	26.429	1.021
11/8/2017 16:30	588600	10.813	16.716	24.358	37957.742	45092.82	29.317	30.663	26.345	1.021
11/8/2017 16:45	589500	10.746	16.716	24.206	37876.063	44995.34	29.247	30.597	26.402	1.021
11/8/2017 17:00	590400	10.688	16.716	24.075	37999.199	45141.621	29.352	30.696	26.316	1.021
11/8/2017 17:15	591300	10.571	16.716	23.812	37935.617	45066.637	29.298	30.645	26.36	1.021
11/8/2017 17:30	592200	10.553	16.717	23.772	37978.422	45115.77	29.334	30.679	26.331	1.021
11/8/2017 17:45	593100	10.475	16.717	23.597	37975.352	45112.121	29.331	30.676	26.333	1.021
11/8/2017 18:00	594000	22.4	16.531	50.457	38351.836	45752.594	29.783	31.112	26.074	1.022
11/8/2017 18:15	594900	23.543	16.707	53.034	39906.793	47417.344	31.003	32.244	25.058	1.023
11/8/2017 18:30	595800	23.845	16.757	53.713	40617.988	48207.582	31.583	32.781	24.62	1.023
11/8/2017 18:45	596700	24.034	16.761	54.139	40560.965	48135.684	31.53	32.732	24.654	1.023
11/8/2017 19:00	597600	24.173	16.721	54.451	40598.578	48224.387	31.593	32.793	24.631	1.023
11/8/2017 19:15	598500	24.286	16.689	54.706	40769.832	48463.043	31.765	32.955	24.528	1.023
11/8/2017 19:30	599400	24.378	16.655	54.914	40841.754	48585.723	31.852	33.038	24.485	1.023
11/8/2017 19:45	600300	24.451	16.655	55.079	40964.012	48731.355	31.959	33.137	24.412	1.023
11/8/2017 20:00	601200	24.521	16.631	55.236	41201.055	49039.848	32.183	33.347	24.271	1.023
11/8/2017 20:15	602100	24.584	16.618	55.377	41382.625	49270.559	32.351	33.504	24.165	1.024
11/8/2017 20:30	603000	24.632	16.615	55.486	41456.754	49362.762	32.419	33.567	24.122	1.024
11/8/2017 20:45	603900	24.691	16.605	55.618	41672.281	49630.328	32.614	33.749	23.997	1.024
11										

Serial_number: 2003874

Project ID: MPWSP Monitoring Wells Barologge

Location: MW-5M Baro

LEVEL

UNIT: psi

TEMPERATURE

UNIT: °C

Date	Time	ms	LEVEL	TEMPERATURE	
11/2/2017	0:00:00	0	14.6695	9.083	
11/2/2017	0:15:00	0	14.6712	8.835	
11/2/2017	0:30:00	0	14.6713	8.389	
11/2/2017	0:45:00	0	14.6713	8.144	
11/2/2017	1:00:00	0	14.6702	8.09	
11/2/2017	1:15:00	0	14.6699	8.005	
11/2/2017	1:30:00	0	14.6681	7.934	
11/2/2017	1:45:00	0	14.6694	7.722	
11/2/2017	2:00:00	0	14.6689	7.535	
11/2/2017	2:15:00	0	14.6702	7.304	
11/2/2017	2:30:00	0	14.6718	7.215	
11/2/2017	2:45:00	0	14.6725	7.254	
11/2/2017	3:00:00	0	14.672	7.411	
11/2/2017	3:15:00	0	14.6718	7.351	
11/2/2017	3:30:00	0	14.6712	7.294	
11/2/2017	3:45:00	0	14.6702	7.311	
11/2/2017	4:00:00	0	14.6703	7.383	
11/2/2017	4:15:00	0	14.6692	7.364	
11/2/2017	4:30:00	0	14.6696	7.436	
11/2/2017	4:45:00	0	14.6706	7.397	
11/2/2017	5:00:00	0	14.6715	7.294	
11/2/2017	5:15:00	0	14.6728	7.156	
11/2/2017	5:30:00	0	14.6733	6.964	
11/2/2017	5:45:00	0	14.6743	6.874	
11/2/2017	6:00:00	0	14.6735	6.855	
11/2/2017	6:15:00	0	14.6736	6.844	
11/2/2017	6:30:00	0	14.6746	6.914	
11/2/2017	6:45:00	0	14.677	6.844	
11/2/2017	7:00:00	0	14.6783	6.742	
11/2/2017	7:15:00	0	14.6803	6.677	
11/2/2017	7:30:00	0	14.6827	6.709	
11/2/2017	7:45:00	0	14.6846	6.851	
11/2/2017	8:00:00	0	14.6878	7.193	
11/2/2017	8:15:00	0	14.6908	7.59	
11/2/2017	8:30:00	0	14.6958	7.933	
11/2/2017	8:45:00	0	14.6986	8.284	
11/2/2017	9:00:00	0	14.7002	8.753	
11/2/2017	9:15:00	0	14.7014	9.42	
11/2/2017	9:30:00	0	14.7027	9.991	
11/2/2017	9:45:00	0	14.7041	10.644	
11/2/2017	10:00:00	0	14.7039	11.474	
11/2/2017	10:15:00	0	14.7032	12.783	
11/2/2017	10:30:00	0	14.7028	14.621	
11/2/2017	10:45:00	0	14.7023	16.186	
11/2/2017	11:00:00	0	14.7015	17.676	
11/2/2017	11:15:00	0	14.7009	19.059	
11/2/2017	11:30:00	0	14.7007	20.125	
11/2/2017	11:45:00	0	14.7009	21.072	
11/2/2017	12:00:00	0	14.6997	22.229	
11/2/2017	12:15:00	0	14.7013	23.25	
11/2/2017	12:30:00	0	14.7004	23.497	
11/2/2017	12:45:00	0	14.699	23.769	
11/2/2017	13:00:00	0	14.6993	23.752	
11/2/2017	13:15:00	0	14.7047	21.39	
11/2/2017	13:30:00	0	14.6953	21.056	
11/2/2017	13:45:00	0	14.6955	21.035	
11/2/2017	14:00:00	0	14.695	20.451	
11/2/2017	14:15:00	0	14.6948	19.768	
11/2/2017	14:30:00	0	14.6944	19.066	
11/2/2017	14:45:00	0	14.6915	18.624	
11/2/2017	15:00:00	0	14.6904	18.533	
11/2/2017	15:15:00	0	14.6917	18.467	
11/2/2017	15:30:00	0	14.6945	18.124	
11/2/2017	15:45:00	0	14.694	17.601	
11/2/2017	16:00:00	0	14.6942	17.142	
11/2/2017	16:15:00	0	14.6936	16.702	
11/2/2017	16:30:00	0	14.6935	16.302	
11/2/2017	16:45:00	0	14.6929	15.948	

11/2/2017	17:00:00	0	14.6914	15.646
11/2/2017	17:15:00	0	14.6897	15.39
11/2/2017	17:30:00	0	14.6894	15.172
11/2/2017	17:45:00	0	14.6885	14.974
11/2/2017	18:00:00	0	14.6882	14.74
11/2/2017	18:15:00	0	14.6892	14.428
11/2/2017	18:30:00	0	14.6894	14.153
11/2/2017	18:45:00	0	14.6914	13.931
11/2/2017	19:00:00	0	14.694	13.75
11/2/2017	19:15:00	0	14.6949	13.562
11/2/2017	19:30:00	0	14.6956	13.416
11/2/2017	19:45:00	0	14.6955	13.289
11/2/2017	20:00:00	0	14.6966	13.174
11/2/2017	20:15:00	0	14.6944	13.069
11/2/2017	20:30:00	0	14.6932	12.945
11/2/2017	20:45:00	0	14.6927	12.756
11/2/2017	21:00:00	0	14.6926	12.552
11/2/2017	21:15:00	0	14.6927	12.395
11/2/2017	21:30:00	0	14.6937	12.269
11/2/2017	21:45:00	0	14.6956	12.262
11/2/2017	22:00:00	0	14.6961	12.314
11/2/2017	22:15:00	0	14.6949	12.372
11/2/2017	22:30:00	0	14.695	12.431
11/2/2017	22:45:00	0	14.6939	12.469
11/2/2017	23:00:00	0	14.6945	12.48
11/2/2017	23:15:00	0	14.6956	12.474
11/2/2017	23:30:00	0	14.698	12.456
11/2/2017	23:45:00	0	14.6986	12.492
11/3/2017	0:00:00	0	14.6989	12.517
11/3/2017	0:15:00	0	14.7004	12.527
11/3/2017	0:30:00	0	14.7005	12.504
11/3/2017	0:45:00	0	14.7014	12.448
11/3/2017	1:00:00	0	14.7005	12.423
11/3/2017	1:15:00	0	14.7001	12.353
11/3/2017	1:30:00	0	14.699	12.264
11/3/2017	1:45:00	0	14.7012	12.186
11/3/2017	2:00:00	0	14.7045	12.153
11/3/2017	2:15:00	0	14.703	12.108
11/3/2017	2:30:00	0	14.7013	11.883
11/3/2017	2:45:00	0	14.7005	11.717
11/3/2017	3:00:00	0	14.6968	11.622
11/3/2017	3:15:00	0	14.6962	11.523
11/3/2017	3:30:00	0	14.6937	11.428
11/3/2017	3:45:00	0	14.6934	11.46
11/3/2017	4:00:00	0	14.692	11.697
11/3/2017	4:15:00	0	14.6962	11.885
11/3/2017	4:30:00	0	14.6984	11.796
11/3/2017	4:45:00	0	14.6988	11.651
11/3/2017	5:00:00	0	14.6997	11.568
11/3/2017	5:15:00	0	14.6987	11.543
11/3/2017	5:30:00	0	14.7004	11.532
11/3/2017	5:45:00	0	14.7008	11.546
11/3/2017	6:00:00	0	14.7001	11.609
11/3/2017	6:15:00	0	14.6997	11.711
11/3/2017	6:30:00	0	14.6983	11.82
11/3/2017	6:45:00	0	14.6989	11.885
11/3/2017	7:00:00	0	14.6977	11.872
11/3/2017	7:15:00	0	14.6985	11.823
11/3/2017	7:30:00	0	14.6985	11.725
11/3/2017	7:45:00	0	14.699	11.667
11/3/2017	8:00:00	0	14.7005	11.815
11/3/2017	8:15:00	0	14.7036	11.933
11/3/2017	8:30:00	0	14.7061	12.127
11/3/2017	8:45:00	0	14.7082	12.401
11/3/2017	9:00:00	0	14.7115	12.743
11/3/2017	9:15:00	0	14.7139	12.929
11/3/2017	9:30:00	0	14.7157	13.174
11/3/2017	9:45:00	0	14.7156	13.516
11/3/2017	10:00:00	0	14.7161	19.959
11/3/2017	10:15:00	0	14.7176	21.272
11/3/2017	10:30:00	0	14.7184	19.333
11/3/2017	10:45:00	0	14.7182	18.346
11/3/2017	11:00:00	0	14.7175	17.825
11/3/2017	11:15:00	0	14.717	17.971
11/3/2017	11:30:00	0	14.7165	17.862
11/3/2017	11:45:00	0	14.7141	17.805
11/3/2017	12:00:00	0	14.7119	18.156
11/3/2017	12:15:00	0	14.7095	18.526
11/3/2017	12:30:00	0	14.7069	18.436

11/3/2017	12:45:00	0	14.704	18.065
11/3/2017	13:00:00	0	14.7025	17.548
11/3/2017	13:15:00	0	14.7027	16.554
11/3/2017	13:30:00	0	14.7038	15.847
11/3/2017	13:45:00	0	14.7007	15.28
11/3/2017	14:00:00	0	14.6962	15.137
11/3/2017	14:15:00	0	14.6937	15.55
11/3/2017	14:30:00	0	14.6921	16.379
11/3/2017	14:45:00	0	14.6914	17.148
11/3/2017	15:00:00	0	14.6914	17.65
11/3/2017	15:15:00	0	14.6909	17.805
11/3/2017	15:30:00	0	14.6913	17.801
11/3/2017	15:45:00	0	14.6901	16.994
11/3/2017	16:00:00	0	14.6895	16.522
11/3/2017	16:15:00	0	14.6844	16.356
11/3/2017	16:30:00	0	14.6872	16.239
11/3/2017	16:45:00	0	14.6879	16.1
11/3/2017	17:00:00	0	14.6867	15.817
11/3/2017	17:15:00	0	14.6847	15.515
11/3/2017	17:30:00	0	14.6847	15.274
11/3/2017	17:45:00	0	14.6874	15.05
11/3/2017	18:00:00	0	14.6863	14.833
11/3/2017	18:15:00	0	14.684	14.61
11/3/2017	18:30:00	0	14.686	14.361
11/3/2017	18:45:00	0	14.6861	14.108
11/3/2017	19:00:00	0	14.6863	13.887
11/3/2017	19:15:00	0	14.6875	13.676
11/3/2017	19:30:00	0	14.6852	13.472
11/3/2017	19:45:00	0	14.6852	13.294
11/3/2017	20:00:00	0	14.6844	13.155
11/3/2017	20:15:00	0	14.6838	13.031
11/3/2017	20:30:00	0	14.6835	12.943
11/3/2017	20:45:00	0	14.6838	12.877
11/3/2017	21:00:00	0	14.6837	12.839
11/3/2017	21:15:00	0	14.6853	12.793
11/3/2017	21:30:00	0	14.6862	12.744
11/3/2017	21:45:00	0	14.687	12.688
11/3/2017	22:00:00	0	14.6881	12.636
11/3/2017	22:15:00	0	14.6884	12.595
11/3/2017	22:30:00	0	14.6901	12.539
11/3/2017	22:45:00	0	14.6897	12.532
11/3/2017	23:00:00	0	14.6888	12.533
11/3/2017	23:15:00	0	14.687	12.494
11/3/2017	23:30:00	0	14.6854	12.471
11/3/2017	23:45:00	0	14.6854	12.427
11/4/2017	0:00:00	0	14.6841	12.39
11/4/2017	0:15:00	0	14.6846	12.321
11/4/2017	0:30:00	0	14.6858	12.211
11/4/2017	0:45:00	0	14.6878	12.08
11/4/2017	1:00:00	0	14.6843	11.99
11/4/2017	1:15:00	0	14.6855	11.888
11/4/2017	1:30:00	0	14.6881	11.74
11/4/2017	1:45:00	0	14.6851	11.538
11/4/2017	2:00:00	0	14.6847	11.335
11/4/2017	2:15:00	0	14.6862	11.274
11/4/2017	2:30:00	0	14.6854	11.299
11/4/2017	2:45:00	0	14.6853	11.37
11/4/2017	3:00:00	0	14.6848	11.413
11/4/2017	3:15:00	0	14.6842	11.464
11/4/2017	3:30:00	0	14.6831	11.497
11/4/2017	3:45:00	0	14.6835	11.561
11/4/2017	4:00:00	0	14.6813	11.622
11/4/2017	4:15:00	0	14.6797	11.575
11/4/2017	4:30:00	0	14.6793	11.499
11/4/2017	4:45:00	0	14.6793	11.385
11/4/2017	5:00:00	0	14.6791	11.306
11/4/2017	5:15:00	0	14.6783	11.2
11/4/2017	5:30:00	0	14.6803	11.18
11/4/2017	5:45:00	0	14.6797	11.206
11/4/2017	6:00:00	0	14.6814	11.306
11/4/2017	6:15:00	0	14.6832	11.422
11/4/2017	6:30:00	0	14.6849	11.511
11/4/2017	6:45:00	0	14.6843	11.511
11/4/2017	7:00:00	0	14.6833	11.487
11/4/2017	7:15:00	0	14.6846	11.397
11/4/2017	7:30:00	0	14.6834	11.286
11/4/2017	7:45:00	0	14.6867	11.054
11/4/2017	8:00:00	0	14.6877	10.859
11/4/2017	8:15:00	0	14.6886	10.808

11/4/2017	8:30:00	0	14.6919	10.955
11/4/2017	8:45:00	0	14.6962	11.137
11/4/2017	9:00:00	0	14.7004	11.449
11/4/2017	9:15:00	0	14.7017	11.789
11/4/2017	9:30:00	0	14.7033	12.156
11/4/2017	9:45:00	0	14.7048	13.239
11/4/2017	10:00:00	0	14.7052	13.952
11/4/2017	10:15:00	0	14.7068	15.449
11/4/2017	10:30:00	0	14.7056	16.524
11/4/2017	10:45:00	0	14.7045	18.552
11/4/2017	11:00:00	0	14.7028	19.957
11/4/2017	11:15:00	0	14.7026	21.555
11/4/2017	11:30:00	0	14.7022	22.899
11/4/2017	11:45:00	0	14.6999	24.333
11/4/2017	12:00:00	0	14.6971	25.349
11/4/2017	12:15:00	0	14.6967	25.477
11/4/2017	12:30:00	0	14.6977	24.998
11/4/2017	12:45:00	0	14.6959	24.19
11/4/2017	13:00:00	0	14.6949	23.214
11/4/2017	13:15:00	0	14.6938	22.293
11/4/2017	13:30:00	0	14.6937	21.154
11/4/2017	13:45:00	0	14.6905	20.416
11/4/2017	14:00:00	0	14.6884	19.869
11/4/2017	14:15:00	0	14.6868	19.928
11/4/2017	14:30:00	0	14.6863	19.736
11/4/2017	14:45:00	0	14.6862	19.514
11/4/2017	15:00:00	0	14.6867	19.202
11/4/2017	15:15:00	0	14.6874	18.311
11/4/2017	15:30:00	0	14.6886	17.122
11/4/2017	15:45:00	0	14.6885	16.194
11/4/2017	16:00:00	0	14.6895	15.596
11/4/2017	16:15:00	0	14.6902	15.11
11/4/2017	16:30:00	0	14.6903	14.573
11/4/2017	16:45:00	0	14.6903	14.074
11/4/2017	17:00:00	0	14.6896	13.828
11/4/2017	17:15:00	0	14.6894	13.733
11/4/2017	17:30:00	0	14.689	13.381
11/4/2017	17:45:00	0	14.6895	12.927
11/4/2017	18:00:00	0	14.6894	12.503
11/4/2017	18:15:00	0	14.6909	12.298
11/4/2017	18:30:00	0	14.6905	12.167
11/4/2017	18:45:00	0	14.6919	11.965
11/4/2017	19:00:00	0	14.6958	12.006
11/4/2017	19:15:00	0	14.6978	12.146
11/4/2017	19:30:00	0	14.7003	12.154
11/4/2017	19:45:00	0	14.7015	12.119
11/4/2017	20:00:00	0	14.7045	12.003
11/4/2017	20:15:00	0	14.7075	11.91
11/4/2017	20:30:00	0	14.7114	11.834
11/4/2017	20:45:00	0	14.711	11.689
11/4/2017	21:00:00	0	14.7134	11.495
11/4/2017	21:15:00	0	14.7156	11.385
11/4/2017	21:30:00	0	14.7174	11.194
11/4/2017	21:45:00	0	14.7189	11.06
11/4/2017	22:00:00	0	14.7207	10.892
11/4/2017	22:15:00	0	14.7229	10.59
11/4/2017	22:30:00	0	14.7237	10.235
11/4/2017	22:45:00	0	14.7259	9.922
11/4/2017	23:00:00	0	14.7267	9.736
11/4/2017	23:15:00	0	14.7265	9.598
11/4/2017	23:30:00	0	14.7275	9.501
11/4/2017	23:45:00	0	14.7275	9.432
11/5/2017	0:00:00	0	14.7286	9.272
11/5/2017	0:15:00	0	14.7301	9.095
11/5/2017	0:30:00	0	14.7301	8.912
11/5/2017	0:45:00	0	14.7327	8.789
11/5/2017	1:00:00	0	14.7326	8.693
11/5/2017	1:15:00	0	14.7341	8.569
11/5/2017	1:30:00	0	14.734	8.501
11/5/2017	1:45:00	0	14.7349	8.436
11/5/2017	2:00:00	0	14.736	8.321
11/5/2017	2:15:00	0	14.7363	8.045
11/5/2017	2:30:00	0	14.7357	7.691
11/5/2017	2:45:00	0	14.7353	7.408
11/5/2017	3:00:00	0	14.7352	7.524
11/5/2017	3:15:00	0	14.7347	7.657
11/5/2017	3:30:00	0	14.7352	7.838
11/5/2017	3:45:00	0	14.735	7.983
11/5/2017	4:00:00	0	14.7348	8.047

11/5/2017	4:15:00	0	14.7354	8.047
11/5/2017	4:30:00	0	14.7361	7.941
11/5/2017	4:45:00	0	14.737	7.896
11/5/2017	5:00:00	0	14.7372	7.846
11/5/2017	5:15:00	0	14.7379	7.894
11/5/2017	5:30:00	0	14.7382	7.986
11/5/2017	5:45:00	0	14.7402	8.129
11/5/2017	6:00:00	0	14.7413	8.185
11/5/2017	6:15:00	0	14.7425	8.368
11/5/2017	6:30:00	0	14.7426	8.387
11/5/2017	6:45:00	0	14.7448	8.333
11/5/2017	7:00:00	0	14.7461	8.291
11/5/2017	7:15:00	0	14.7467	8.226
11/5/2017	7:30:00	0	14.7482	8.204
11/5/2017	7:45:00	0	14.7487	8.008
11/5/2017	8:00:00	0	14.7514	8.107
11/5/2017	8:15:00	0	14.7542	8.328
11/5/2017	8:30:00	0	14.7557	8.449
11/5/2017	8:45:00	0	14.7567	9.255
11/5/2017	9:00:00	0	14.7593	11.108
11/5/2017	9:15:00	0	14.7625	12.881
11/5/2017	9:30:00	0	14.7655	14.351
11/5/2017	9:45:00	0	14.7668	15.601
11/5/2017	10:00:00	0	14.7691	16.608
11/5/2017	10:15:00	0	14.7691	17.857
11/5/2017	10:30:00	0	14.7699	19.421
11/5/2017	10:45:00	0	14.7697	20.535
11/5/2017	11:00:00	0	14.7695	21.256
11/5/2017	11:15:00	0	14.7691	21.83
11/5/2017	11:30:00	0	14.7695	22.243
11/5/2017	11:45:00	0	14.7678	22.55
11/5/2017	12:00:00	0	14.7658	21.848
11/5/2017	12:15:00	0	14.7621	21.3
11/5/2017	12:30:00	0	14.7587	21.126
11/5/2017	12:45:00	0	14.7583	20.944
11/5/2017	13:00:00	0	14.7547	20.485
11/5/2017	13:15:00	0	14.7502	20.138
11/5/2017	13:30:00	0	14.7472	19.755
11/5/2017	13:45:00	0	14.7457	19.259
11/5/2017	14:00:00	0	14.7439	18.796
11/5/2017	14:15:00	0	14.7407	18.393
11/5/2017	14:30:00	0	14.7393	18.02
11/5/2017	14:45:00	0	14.7384	17.836
11/5/2017	15:00:00	0	14.7366	17.841
11/5/2017	15:15:00	0	14.7353	16.868
11/5/2017	15:30:00	0	14.7339	15.393
11/5/2017	15:45:00	0	14.7322	14.244
11/5/2017	16:00:00	0	14.7319	13.571
11/5/2017	16:15:00	0	14.731	13.137
11/5/2017	16:30:00	0	14.7312	12.839
11/5/2017	16:45:00	0	14.7307	12.609
11/5/2017	17:00:00	0	14.7283	12.376
11/5/2017	17:15:00	0	14.7277	12.168
11/5/2017	17:30:00	0	14.7278	11.918
11/5/2017	17:45:00	0	14.728	11.642
11/5/2017	18:00:00	0	14.7258	11.349
11/5/2017	18:15:00	0	14.7268	11.017
11/5/2017	18:30:00	0	14.7279	10.723
11/5/2017	18:45:00	0	14.7286	10.514
11/5/2017	19:00:00	0	14.7291	10.356
11/5/2017	19:15:00	0	14.73	10.214
11/5/2017	19:30:00	0	14.7297	10.099
11/5/2017	19:45:00	0	14.7294	9.934
11/5/2017	20:00:00	0	14.7294	9.834
11/5/2017	20:15:00	0	14.7296	9.564
11/5/2017	20:30:00	0	14.7319	9.198
11/5/2017	20:45:00	0	14.7315	8.923
11/5/2017	21:00:00	0	14.733	8.597
11/5/2017	21:15:00	0	14.7334	8.185
11/5/2017	21:30:00	0	14.7353	7.746
11/5/2017	21:45:00	0	14.7354	7.527
11/5/2017	22:00:00	0	14.7389	7.511
11/5/2017	22:15:00	0	14.7398	7.487
11/5/2017	22:30:00	0	14.7402	7.414
11/5/2017	22:45:00	0	14.7408	7.096
11/5/2017	23:00:00	0	14.7394	6.868
11/5/2017	23:15:00	0	14.7421	6.821
11/5/2017	23:30:00	0	14.7419	6.731
11/5/2017	23:45:00	0	14.7416	6.613

11/6/2017	0:00:00	0	14.7414	6.534
11/6/2017	0:15:00	0	14.7427	6.501
11/6/2017	0:30:00	0	14.7399	6.543
11/6/2017	0:45:00	0	14.7382	6.486
11/6/2017	1:00:00	0	14.7403	6.215
11/6/2017	1:15:00	0	14.7406	6.074
11/6/2017	1:30:00	0	14.7404	5.948
11/6/2017	1:45:00	0	14.741	5.751
11/6/2017	2:00:00	0	14.7415	5.576
11/6/2017	2:15:00	0	14.7451	5.382
11/6/2017	2:30:00	0	14.7408	5.276
11/6/2017	2:45:00	0	14.7403	5.097
11/6/2017	3:00:00	0	14.7406	5.049
11/6/2017	3:15:00	0	14.7395	5.017
11/6/2017	3:30:00	0	14.7398	5.054
11/6/2017	3:45:00	0	14.7394	4.948
11/6/2017	4:00:00	0	14.7385	4.793
11/6/2017	4:15:00	0	14.7394	4.669
11/6/2017	4:30:00	0	14.7418	4.584
11/6/2017	4:45:00	0	14.7427	4.458
11/6/2017	5:00:00	0	14.7416	4.552
11/6/2017	5:15:00	0	14.7414	4.536
11/6/2017	5:30:00	0	14.7456	4.482
11/6/2017	5:45:00	0	14.7462	4.345
11/6/2017	6:00:00	0	14.7433	4.352
11/6/2017	6:15:00	0	14.7432	4.502
11/6/2017	6:30:00	0	14.7461	4.583
11/6/2017	6:45:00	0	14.7449	4.626
11/6/2017	7:00:00	0	14.7458	4.537
11/6/2017	7:15:00	0	14.7458	4.51
11/6/2017	7:30:00	0	14.7457	4.512
11/6/2017	7:45:00	0	14.7455	4.571
11/6/2017	8:00:00	0	14.75	4.567
11/6/2017	8:15:00	0	14.7532	5.018
11/6/2017	8:30:00	0	14.7555	5.709
11/6/2017	8:45:00	0	14.7591	6.228
11/6/2017	9:00:00	0	14.7629	6.847
11/6/2017	9:15:00	0	14.7638	8.078
11/6/2017	9:30:00	0	14.7629	9.771
11/6/2017	9:45:00	0	14.7628	11.176
11/6/2017	10:00:00	0	14.7644	12.548
11/6/2017	10:15:00	0	14.7628	13.92
11/6/2017	10:30:00	0	14.7626	15.271
11/6/2017	10:45:00	0	14.7618	16.491
11/6/2017	11:00:00	0	14.7596	17.481
11/6/2017	11:15:00	0	14.7574	18.215
11/6/2017	11:30:00	0	14.757	18.844
11/6/2017	11:45:00	0	14.7548	19.778
11/6/2017	12:00:00	0	14.7518	20.899
11/6/2017	12:15:00	0	14.7504	21.879
11/6/2017	12:30:00	0	14.7457	22.832
11/6/2017	12:45:00	0	14.7423	23.865
11/6/2017	13:00:00	0	14.7431	23.872
11/6/2017	13:15:00	0	14.7408	22.756
11/6/2017	13:30:00	0	14.7384	21.659
11/6/2017	13:45:00	0	14.7346	20.995
11/6/2017	14:00:00	0	14.731	20.232
11/6/2017	14:15:00	0	14.7301	19.297
11/6/2017	14:30:00	0	14.7307	18.249
11/6/2017	14:45:00	0	14.7276	17.492
11/6/2017	15:00:00	0	14.7267	16.98
11/6/2017	15:15:00	0	14.7256	15.927
11/6/2017	15:30:00	0	14.7231	14.799
11/6/2017	15:45:00	0	14.7221	14.295
11/6/2017	16:00:00	0	14.7231	13.97
11/6/2017	16:15:00	0	14.7224	13.731
11/6/2017	16:30:00	0	14.7223	13.563
11/6/2017	16:45:00	0	14.7215	13.401
11/6/2017	17:00:00	0	14.723	13.262
11/6/2017	17:15:00	0	14.7225	13.104
11/6/2017	17:30:00	0	14.7232	12.835
11/6/2017	17:45:00	0	14.7244	12.522
11/6/2017	18:00:00	0	14.7248	12.131
11/6/2017	18:15:00	0	14.7245	11.774
11/6/2017	18:30:00	0	14.7253	11.479
11/6/2017	18:45:00	0	14.7272	11.295
11/6/2017	19:00:00	0	14.7285	11.086
11/6/2017	19:15:00	0	14.7291	10.93
11/6/2017	19:30:00	0	14.7318	10.659

11/6/2017	19:45:00	0	14.732	10.356
11/6/2017	20:00:00	0	14.7338	10.064
11/6/2017	20:15:00	0	14.733	9.729
11/6/2017	20:30:00	0	14.7338	9.51
11/6/2017	20:45:00	0	14.7328	9.342
11/6/2017	21:00:00	0	14.7323	9.294
11/6/2017	21:15:00	0	14.7325	9.218
11/6/2017	21:30:00	0	14.7329	9.139
11/6/2017	21:45:00	0	14.7336	8.946
11/6/2017	22:00:00	0	14.7359	8.694
11/6/2017	22:15:00	0	14.7364	8.549
11/6/2017	22:30:00	0	14.7397	8.322
11/6/2017	22:45:00	0	14.7395	8.006
11/6/2017	23:00:00	0	14.7428	7.671
11/6/2017	23:15:00	0	14.7432	7.447
11/6/2017	23:30:00	0	14.7418	7.175
11/6/2017	23:45:00	0	14.7438	7.04
11/7/2017	0:00:00	0	14.7441	6.925
11/7/2017	0:15:00	0	14.7453	6.855
11/7/2017	0:30:00	0	14.745	6.807
11/7/2017	0:45:00	0	14.7454	6.759
11/7/2017	1:00:00	0	14.7463	6.479
11/7/2017	1:15:00	0	14.747	6.2
11/7/2017	1:30:00	0	14.7456	6.032
11/7/2017	1:45:00	0	14.7458	5.963
11/7/2017	2:00:00	0	14.7464	5.932
11/7/2017	2:15:00	0	14.7411	5.895
11/7/2017	2:30:00	0	14.7404	5.71
11/7/2017	2:45:00	0	14.74	5.557
11/7/2017	3:00:00	0	14.7373	5.459
11/7/2017	3:15:00	0	14.7326	5.305
11/7/2017	3:30:00	0	14.7306	5.203
11/7/2017	3:45:00	0	14.7308	5.212
11/7/2017	4:00:00	0	14.7289	5.214
11/7/2017	4:15:00	0	14.7287	5.215
11/7/2017	4:30:00	0	14.7286	5.219
11/7/2017	4:45:00	0	14.7264	5.216
11/7/2017	5:00:00	0	14.7278	5.364
11/7/2017	5:15:00	0	14.7319	5.467
11/7/2017	5:30:00	0	14.7355	5.464
11/7/2017	5:45:00	0	14.7357	5.308
11/7/2017	6:00:00	0	14.7359	5.262
11/7/2017	6:15:00	0	14.7369	5.065
11/7/2017	6:30:00	0	14.7369	4.998
11/7/2017	6:45:00	0	14.7373	4.954
11/7/2017	7:00:00	0	14.7366	4.948
11/7/2017	7:15:00	0	14.7372	4.965
11/7/2017	7:30:00	0	14.7358	4.819
11/7/2017	7:45:00	0	14.737	4.846
11/7/2017	8:00:00	0	14.7392	5.232
11/7/2017	8:15:00	0	14.7417	6.137
11/7/2017	8:30:00	0	14.7443	7.313
11/7/2017	8:45:00	0	14.748	8.511
11/7/2017	9:00:00	0	14.751	9.757
11/7/2017	9:15:00	0	14.7516	10.975
11/7/2017	9:30:00	0	14.753	12.169
11/7/2017	9:45:00	0	14.7526	13.411
11/7/2017	10:00:00	0	14.7509	14.732
11/7/2017	10:15:00	0	14.7512	15.807
11/7/2017	10:30:00	0	14.7488	16.78
11/7/2017	10:45:00	0	14.747	17.654
11/7/2017	11:00:00	0	14.7448	18.333
11/7/2017	11:15:00	0	14.7444	18.833
11/7/2017	11:30:00	0	14.7433	19.352
11/7/2017	11:45:00	0	14.7407	20.2
11/7/2017	12:00:00	0	14.7389	21.26
11/7/2017	12:15:00	0	14.7356	22.263
11/7/2017	12:30:00	0	14.734	23.174
11/7/2017	12:45:00	0	14.7294	24.04
11/7/2017	13:00:00	0	14.7265	25.012
11/7/2017	13:15:00	0	14.7226	25.706
11/7/2017	13:30:00	0	14.719	25.363
11/7/2017	13:45:00	0	14.7168	24.636
11/7/2017	14:00:00	0	14.7171	23.463
11/7/2017	14:15:00	0	14.7175	22.343
11/7/2017	14:30:00	0	14.718	21.482
11/7/2017	14:45:00	0	14.7178	20.824
11/7/2017	15:00:00	0	14.7185	20.224
11/7/2017	15:15:00	0	14.7178	18.879

11/7/2017	15:30:00	0	14.7172	17.08
11/7/2017	15:45:00	0	14.7152	15.979
11/7/2017	16:00:00	0	14.7121	15.294
11/7/2017	16:15:00	0	14.7128	14.764
11/7/2017	16:30:00	0	14.712	14.334
11/7/2017	16:45:00	0	14.7096	13.99
11/7/2017	17:00:00	0	14.7087	13.732
11/7/2017	17:15:00	0	14.7086	13.432
11/7/2017	17:30:00	0	14.7088	13.114
11/7/2017	17:45:00	0	14.7094	12.751
11/7/2017	18:00:00	0	14.7078	12.38
11/7/2017	18:15:00	0	14.7072	11.992
11/7/2017	18:30:00	0	14.7091	11.526
11/7/2017	18:45:00	0	14.7072	11.162
11/7/2017	19:00:00	0	14.7089	10.885
11/7/2017	19:15:00	0	14.7103	10.612
11/7/2017	19:30:00	0	14.713	10.508
11/7/2017	19:45:00	0	14.7116	10.321
11/7/2017	20:00:00	0	14.7098	10.105
11/7/2017	20:15:00	0	14.7121	9.756
11/7/2017	20:30:00	0	14.7125	9.337
11/7/2017	20:45:00	0	14.7137	8.984
11/7/2017	21:00:00	0	14.7143	8.663
11/7/2017	21:15:00	0	14.7116	8.41
11/7/2017	21:30:00	0	14.7126	8.261
11/7/2017	21:45:00	0	14.7136	8.178
11/7/2017	22:00:00	0	14.7158	8.161
11/7/2017	22:15:00	0	14.7185	7.964
11/7/2017	22:30:00	0	14.7218	7.853
11/7/2017	22:45:00	0	14.7242	7.722
11/7/2017	23:00:00	0	14.7255	7.644
11/7/2017	23:15:00	0	14.7241	7.6
11/7/2017	23:30:00	0	14.723	7.638
11/7/2017	23:45:00	0	14.7244	7.583
11/8/2017	0:00:00	0	14.7233	7.347
11/8/2017	0:15:00	0	14.7192	7.119
11/8/2017	0:30:00	0	14.7196	7.095
11/8/2017	0:45:00	0	14.7182	7.155
11/8/2017	1:00:00	0	14.7203	7.188
11/8/2017	1:15:00	0	14.7175	7.328
11/8/2017	1:30:00	0	14.7146	7.31
11/8/2017	1:45:00	0	14.7154	7.301
11/8/2017	2:00:00	0	14.7131	7.169
11/8/2017	2:15:00	0	14.7093	7.015
11/8/2017	2:30:00	0	14.7073	6.858
11/8/2017	2:45:00	0	14.7028	6.763
11/8/2017	3:00:00	0	14.7019	6.731
11/8/2017	3:15:00	0	14.6966	6.841
11/8/2017	3:30:00	0	14.6928	6.911
11/8/2017	3:45:00	0	14.6923	6.991
11/8/2017	4:00:00	0	14.687	6.987
11/8/2017	4:15:00	0	14.6829	6.837
11/8/2017	4:30:00	0	14.681	6.586
11/8/2017	4:45:00	0	14.6826	6.408
11/8/2017	5:00:00	0	14.6818	6.373
11/8/2017	5:15:00	0	14.6816	6.539
11/8/2017	5:30:00	0	14.6824	6.559
11/8/2017	5:45:00	0	14.687	6.634
11/8/2017	6:00:00	0	14.6866	6.635
11/8/2017	6:15:00	0	14.6882	6.544
11/8/2017	6:30:00	0	14.6911	6.457
11/8/2017	6:45:00	0	14.6941	6.448
11/8/2017	7:00:00	0	14.6962	6.494
11/8/2017	7:15:00	0	14.698	6.37
11/8/2017	7:30:00	0	14.7004	6.254
11/8/2017	7:45:00	0	14.7028	6.235
11/8/2017	8:00:00	0	14.7055	6.607
11/8/2017	8:15:00	0	14.7065	7.086
11/8/2017	8:30:00	0	14.7099	7.506
11/8/2017	8:45:00	0	14.714	7.978
11/8/2017	9:00:00	0	14.7145	8.434
11/8/2017	9:15:00	0	14.7154	9.032
11/8/2017	9:30:00	0	14.7168	10.191
11/8/2017	9:45:00	0	14.7172	11.363
11/8/2017	10:00:00	0	14.7157	12.821
11/8/2017	10:15:00	0	14.7155	13.997
11/8/2017	10:30:00	0	14.7126	14.215
11/8/2017	10:45:00	0	14.7121	14.844
11/8/2017	11:00:00	0	14.7126	15.868

11/8/2017	11:15:00	0	14.714	16.302
11/8/2017	11:30:00	0	14.7126	16.317
11/8/2017	11:45:00	0	14.7095	16.285
11/8/2017	12:00:00	0	14.7071	16.432
11/8/2017	12:15:00	0	14.7029	16.802
11/8/2017	12:30:00	0	14.6994	17.143
11/8/2017	12:45:00	0	14.6951	17.299
11/8/2017	13:00:00	0	14.6903	17.392
11/8/2017	13:15:00	0	14.6881	17.697
11/8/2017	13:30:00	0	14.6828	17.985
11/8/2017	13:45:00	0	14.6839	18.219
11/8/2017	14:00:00	0	14.6801	18.398
11/8/2017	14:15:00	0	14.6775	18.536
11/8/2017	14:30:00	0	14.6726	18.531
11/8/2017	14:45:00	0	14.6694	18.443
11/8/2017	15:00:00	0	14.6694	18.335
11/8/2017	15:15:00	0	14.6678	18.154
11/8/2017	15:30:00	0	14.668	18.003
11/8/2017	15:45:00	0	14.665	17.764
11/8/2017	16:00:00	0	14.6637	17.567
11/8/2017	16:15:00	0	14.6633	17.544
11/8/2017	16:30:00	0	14.6616	17.457
11/8/2017	16:45:00	0	14.658	17.248
11/8/2017	17:00:00	0	14.6592	17.065
11/8/2017	17:15:00	0	14.6572	16.801
11/8/2017	17:30:00	0	14.6542	16.419
11/8/2017	17:45:00	0	14.6517	16.041
11/8/2017	18:00:00	0	14.6517	15.634
11/8/2017	18:15:00	0	14.6511	15.161
11/8/2017	18:30:00	0	14.6523	14.747
11/8/2017	18:45:00	0	14.6515	14.391
11/8/2017	19:00:00	0	14.6531	14.083
11/8/2017	19:15:00	0	14.6551	13.809
11/8/2017	19:30:00	0	14.6579	13.59
11/8/2017	19:45:00	0	14.6573	13.351
11/8/2017	20:00:00	0	14.6576	13.156
11/8/2017	20:15:00	0	14.6547	13.001
11/8/2017	20:30:00	0	14.6531	12.81
11/8/2017	20:45:00	0	14.654	12.614
11/8/2017	21:00:00	0	14.6559	12.465
11/8/2017	21:15:00	0	14.6582	12.457
11/8/2017	21:30:00	0	14.6557	12.537
11/8/2017	21:45:00	0	14.6599	12.656
11/8/2017	22:00:00	0	14.6596	12.721
11/8/2017	22:15:00	0	14.658	12.825
11/8/2017	22:30:00	0	14.6605	12.952
11/8/2017	22:45:00	0	14.6608	13.074
11/8/2017	23:00:00	0	14.6603	13.158
11/8/2017	23:15:00	0	14.6604	13.235
11/8/2017	23:30:00	0	14.6614	13.314
11/8/2017	23:45:00	0	14.6616	13.449

Report Date: 11/10/2017 8:38
Report User Name: WMassoll
Report Computer Name: WKST52
Application: WinSitu.exe
Application Version: 5.6.27.1

Log File Properties

File Name MPWSP Barotroll_2017-11-09_18-08-51-172.wsl
Create Date 11/9/2017 18:08

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	757
Sensors	1
	13999604 Baro-Pressure/Temp

Time Zone: Pacific Daylight Time/Pacific Standard Time

Date and Time	Elapsed Time Seconds	Sensor: Baro Pres SN#: 399604 Pressure (mmHg)	Sensor: Baro Pres SN#: 399604 Temperature (C)	
11/2/2017 0:00		7200	761.018	15.453
11/2/2017 0:15		8100	761.015	15.359
11/2/2017 0:30		9000	761.577	15.256
11/2/2017 0:45		9900	760.831	15.176
11/2/2017 1:00		10800	761.188	15.083
11/2/2017 1:15		11700	761.187	14.976
11/2/2017 1:30		12600	761.442	14.871
11/2/2017 1:45		13500	760.975	14.773
11/2/2017 2:00		14400	761.363	14.678
11/2/2017 2:15		15300	761.249	14.573
11/2/2017 2:30		16200	761.052	14.546
11/2/2017 2:45		17100	761.131	14.435
11/2/2017 3:00		18000	761.406	14.392
11/2/2017 3:15		18900	761.343	14.344
11/2/2017 3:30		19800	761.469	14.276
11/2/2017 3:45		20700	761.275	14.231
11/2/2017 4:00		21600	761.181	14.211
11/2/2017 4:15		22500	761.142	14.144
11/2/2017 4:30		23400	760.781	14.089
11/2/2017 4:45		24300	761.339	14.031
11/2/2017 5:00		25200	760.946	13.968
11/2/2017 5:15		26100	761.256	13.899
11/2/2017 5:30		27000	761.364	13.808
11/2/2017 5:45		27900	761.31	13.702
11/2/2017 6:00		28800	761.081	13.603
11/2/2017 6:15		29700	761.42	13.556
11/2/2017 6:30		30600	761.243	13.528
11/2/2017 6:45		31500	761.498	13.409
11/2/2017 7:00		32400	761.49	13.385
11/2/2017 7:15		33300	761.686	13.309
11/2/2017 7:30		34200	761.833	13.279
11/2/2017 7:45		35100	761.712	13.243
11/2/2017 8:00		36000	762.146	13.244
11/2/2017 8:15		36900	762.072	13.279
11/2/2017 8:30		37800	762.275	13.366
11/2/2017 8:45		38700	762.374	13.415
11/2/2017 9:00		39600	762.751	13.514
11/2/2017 9:15		40500	762.674	13.615
11/2/2017 9:30		41400	762.712	13.765
11/2/2017 9:45		42300	762.77	13.932
11/2/2017 10:00		43200	763.194	14.096
11/2/2017 10:15		44100	763.045	14.332
11/2/2017 10:30		45000	763.178	14.575
11/2/2017 10:45		45900	762.65	14.859
11/2/2017 11:00		46800	762.628	15.164
11/2/2017 11:15		47700	762.348	15.49
11/2/2017 11:30		48600	762.625	15.776
11/2/2017 11:45		49500	762.525	16.102
11/2/2017 12:00		50400	762.684	16.406
11/2/2017 12:15		51300	762.537	16.727
11/2/2017 12:30		52200	762.513	16.997
11/2/2017 12:45		53100	762.417	17.277
11/2/2017 13:00		54000	762.465	17.523
11/2/2017 13:15		54900	762.552	17.684
11/2/2017 13:30		55800	762.305	17.841
11/2/2017 13:45		56700	762.213	17.967
11/2/2017 14:00		57600	762.197	18.079
11/2/2017 14:15		58500	761.983	18.192
11/2/2017 14:30		59400	762.168	18.272
11/2/2017 14:45		60300	761.801	18.319
11/2/2017 15:00		61200	761.945	18.343
11/2/2017 15:15		62100	761.91	18.386
11/2/2017 15:30		63000	762.181	18.406
11/2/2017 15:45		63900	762.025	18.433
11/2/2017 16:00		64800	761.726	18.463
11/2/2017 16:15		65700	762.032	18.446
11/2/2017 16:30		66600	762.106	18.424

11/2/2017 16:45	67500	762.001	18.428
11/2/2017 17:00	68400	762.381	18.406
11/2/2017 17:15	69300	762.137	18.379
11/2/2017 17:30	70200	762.027	18.373
11/2/2017 17:45	71100	761.849	18.338
11/2/2017 18:00	72000	762.304	18.291
11/2/2017 18:15	72900	761.756	18.246
11/2/2017 18:30	73800	761.988	18.217
11/2/2017 18:45	74700	762.166	18.123
11/2/2017 19:00	75600	762.194	18.025
11/2/2017 19:15	76500	762.254	17.962
11/2/2017 19:30	77400	762.293	17.869
11/2/2017 19:45	78300	762.181	17.781
11/2/2017 20:00	79200	762.508	17.714
11/2/2017 20:15	80100	761.972	17.628
11/2/2017 20:30	81000	762.313	17.536
11/2/2017 20:45	81900	762.187	17.433
11/2/2017 21:00	82800	762.046	17.353
11/2/2017 21:15	83700	762.433	17.299
11/2/2017 21:30	84600	761.925	17.169
11/2/2017 21:45	85500	762.459	17.082
11/2/2017 22:00	86400	762.596	16.997
11/2/2017 22:15	87300	762.241	16.961
11/2/2017 22:30	88200	762.385	16.883
11/2/2017 22:45	89100	762.519	16.839
11/2/2017 23:00	90000	762.628	16.809
11/2/2017 23:15	90900	762.314	16.824
11/2/2017 23:30	91800	762.509	16.789
11/2/2017 23:45	92700	762.751	16.751
11/3/2017 0:00	93600	762.527	16.748
11/3/2017 0:15	94500	762.816	16.717
11/3/2017 0:30	95400	762.589	16.679
11/3/2017 0:45	96300	762.492	16.69
11/3/2017 1:00	97200	762.467	16.645
11/3/2017 1:15	98100	762.572	16.65
11/3/2017 1:30	99000	762.223	16.657
11/3/2017 1:45	99900	762.429	16.584
11/3/2017 2:00	100800	762.72	16.541
11/3/2017 2:15	101700	762.67	16.567
11/3/2017 2:30	102600	762.607	16.546
11/3/2017 2:45	103500	762.835	16.472
11/3/2017 3:00	104400	762.296	16.432
11/3/2017 3:15	105300	762.562	16.385
11/3/2017 3:30	106200	762.309	16.338
11/3/2017 3:45	107100	762.385	16.264
11/3/2017 4:00	108000	761.871	16.192
11/3/2017 4:15	108900	762.052	16.136
11/3/2017 4:30	109800	762.568	16.074
11/3/2017 4:45	110700	762.48	16.027
11/3/2017 5:00	111600	762.607	16.025
11/3/2017 5:15	112500	762.537	15.975
11/3/2017 5:30	113400	762.892	15.894
11/3/2017 5:45	114300	762.819	15.873
11/3/2017 6:00	115200	762.473	15.824
11/3/2017 6:15	116100	762.676	15.854
11/3/2017 6:30	117000	762.232	15.845
11/3/2017 6:45	117900	762.193	15.877
11/3/2017 7:00	118800	762.611	15.865
11/3/2017 7:15	119700	762.262	15.878
11/3/2017 7:30	120600	762.538	15.878
11/3/2017 7:45	121500	762.668	15.818
11/3/2017 8:00	122400	762.614	15.798
11/3/2017 8:15	123300	762.742	15.747
11/3/2017 8:30	124200	762.542	15.732
11/3/2017 8:45	125100	762.79	15.727
11/3/2017 9:00	126000	763.161	15.757
11/3/2017 9:15	126900	763.202	15.771
11/3/2017 9:30	127800	763.488	15.843
11/3/2017 9:45	128700	763.474	15.913
11/3/2017 10:00	129600	763.574	16.031
11/3/2017 10:15	130500	763.15	16.062
11/3/2017 10:30	131400	762.949	16.186
11/3/2017 10:45	132300	763.428	16.368
11/3/2017 11:00	133200	763.383	16.541
11/3/2017 11:15	134100	763.379	16.72
11/3/2017 11:30	135000	763.551	16.852
11/3/2017 11:45	135900	763.377	17.042
11/3/2017 12:00	136800	762.983	17.211
11/3/2017 12:15	137700	762.881	17.363
11/3/2017 12:30	138600	762.979	17.513
11/3/2017 12:45	139500	762.536	17.633
11/3/2017 13:00	140400	762.608	17.742
11/3/2017 13:15	141300	762.515	17.782
11/3/2017 13:30	142200	762.734	17.808
11/3/2017 13:45	143100	762.632	17.786
11/3/2017 14:00	144000	762.208	17.714
11/3/2017 14:15	144900	762.039	17.655
11/3/2017 14:30	145800	762.335	17.608
11/3/2017 14:45	146700	761.937	17.631
11/3/2017 15:00	147600	762.047	17.718
11/3/2017 15:15	148500	762.122	17.797
11/3/2017 15:30	149400	762.008	17.834
11/3/2017 15:45	150300	762.032	17.907
11/3/2017 16:00	151200	761.847	17.97
11/3/2017 16:15	152100	761.782	17.985
11/3/2017 16:30	153000	761.622	17.981

11/3/2017 16:45	153900	761.917	17.981
11/3/2017 17:00	154800	761.779	18.005
11/3/2017 17:15	155700	761.782	17.952
11/3/2017 17:30	156600	761.61	17.921
11/3/2017 17:45	157500	761.623	17.921
11/3/2017 18:00	158400	761.813	17.823
11/3/2017 18:15	159300	761.494	17.757
11/3/2017 18:30	160200	761.738	17.684
11/3/2017 18:45	161100	761.882	17.587
11/3/2017 19:00	162000	761.818	17.532
11/3/2017 19:15	162900	761.954	17.459
11/3/2017 19:30	163800	761.582	17.401
11/3/2017 19:45	164700	761.981	17.335
11/3/2017 20:00	165600	761.483	17.238
11/3/2017 20:15	166500	761.755	17.156
11/3/2017 20:30	167400	761.815	17.091
11/3/2017 20:45	168300	761.821	17.028
11/3/2017 21:00	169200	761.739	16.989
11/3/2017 21:15	170100	761.843	16.93
11/3/2017 21:30	171000	761.902	16.884
11/3/2017 21:45	171900	762.069	16.843
11/3/2017 22:00	172800	761.979	16.788
11/3/2017 22:15	173700	761.869	16.761
11/3/2017 22:30	174600	762.167	16.698
11/3/2017 22:45	175500	762.341	16.66
11/3/2017 23:00	176400	761.745	16.637
11/3/2017 23:15	177300	761.997	16.589
11/3/2017 23:30	178200	761.966	16.559
11/3/2017 23:45	179100	761.82	16.527
11/4/2017 0:00	180000	761.557	16.483
11/4/2017 0:15	180900	761.75	16.473
11/4/2017 0:30	181800	761.92	16.431
11/4/2017 0:45	182700	762.053	16.419
11/4/2017 1:00	183600	762.048	16.349
11/4/2017 1:15	184500	761.644	16.315
11/4/2017 1:30	185400	761.789	16.253
11/4/2017 1:45	186300	761.672	16.211
11/4/2017 2:00	187200	761.787	16.165
11/4/2017 2:15	188100	761.829	16.139
11/4/2017 2:30	189000	762.079	16.029
11/4/2017 2:45	189900	761.871	16.003
11/4/2017 3:00	190800	761.932	15.931
11/4/2017 3:15	191700	761.523	15.858
11/4/2017 3:30	192600	762.007	15.834
11/4/2017 3:45	193500	761.985	15.811
11/4/2017 4:00	194400	761.453	15.799
11/4/2017 4:15	195300	761.497	15.795
11/4/2017 4:30	196200	761.497	15.759
11/4/2017 4:45	197100	761.334	15.704
11/4/2017 5:00	198000	761.351	15.662
11/4/2017 5:15	198900	761.532	15.587
11/4/2017 5:30	199800	761.381	15.512
11/4/2017 5:45	200700	761.555	15.453
11/4/2017 6:00	201600	761.547	15.388
11/4/2017 6:15	202500	761.786	15.34
11/4/2017 6:30	203400	761.735	15.346
11/4/2017 6:45	204300	761.807	15.346
11/4/2017 7:00	205200	761.818	15.313
11/4/2017 7:15	206100	761.8	15.327
11/4/2017 7:30	207000	761.636	15.299
11/4/2017 7:45	207900	761.538	15.291
11/4/2017 8:00	208800	761.965	15.264
11/4/2017 8:15	209700	761.849	15.233
11/4/2017 8:30	210600	762.367	15.202
11/4/2017 8:45	211500	762.259	15.205
11/4/2017 9:00	212400	762.684	15.219
11/4/2017 9:15	213300	762.914	15.265
11/4/2017 9:30	214200	762.468	15.292
11/4/2017 9:45	215100	762.786	15.394
11/4/2017 10:00	216000	763.163	15.48
11/4/2017 10:15	216900	763.09	15.672
11/4/2017 10:30	217800	762.782	15.851
11/4/2017 10:45	218700	762.552	16.057
11/4/2017 11:00	219600	762.911	16.296
11/4/2017 11:15	220500	762.584	16.521
11/4/2017 11:30	221400	762.68	16.742
11/4/2017 11:45	222300	762.577	17.028
11/4/2017 12:00	223200	762.467	17.314
11/4/2017 12:15	224100	762.641	17.588
11/4/2017 12:30	225000	762.567	17.81
11/4/2017 12:45	225900	762.62	18.047
11/4/2017 13:00	226800	762.212	18.244
11/4/2017 13:15	227700	762.142	18.451
11/4/2017 13:30	228600	762.084	18.651
11/4/2017 13:45	229500	761.984	18.782
11/4/2017 14:00	230400	761.862	18.91
11/4/2017 14:15	231300	762.095	19.046
11/4/2017 14:30	232200	761.859	19.154
11/4/2017 14:45	233100	761.727	19.291
11/4/2017 15:00	234000	761.963	19.38
11/4/2017 15:15	234900	761.848	19.494
11/4/2017 15:30	235800	761.979	19.537
11/4/2017 15:45	236700	761.764	19.602
11/4/2017 16:00	237600	762.067	19.618
11/4/2017 16:15	238500	762.099	19.591
11/4/2017 16:30	239400	762.16	19.545

11/4/2017 16:45	240300	761.755	19.479
11/4/2017 17:00	241200	762.204	19.446
11/4/2017 17:15	242100	762.233	19.345
11/4/2017 17:30	243000	762.06	19.264
11/4/2017 17:45	243900	762.007	19.133
11/4/2017 18:00	244800	762.125	18.977
11/4/2017 18:15	245700	762.248	18.859
11/4/2017 18:30	246600	762.244	18.764
11/4/2017 18:45	247500	762.175	18.615
11/4/2017 19:00	248400	762.127	18.453
11/4/2017 19:15	249300	762.576	18.308
11/4/2017 19:30	250200	762.735	18.175
11/4/2017 19:45	251100	762.619	18.055
11/4/2017 20:00	252000	762.726	17.977
11/4/2017 20:15	252900	763.113	17.875
11/4/2017 20:30	253800	763.545	17.763
11/4/2017 20:45	254700	763.111	17.671
11/4/2017 21:00	255600	763.115	17.551
11/4/2017 21:15	256500	763.338	17.43
11/4/2017 21:30	257400	763.7	17.341
11/4/2017 21:45	258300	763.595	17.253
11/4/2017 22:00	259200	763.286	17.149
11/4/2017 22:15	260100	764.191	17.019
11/4/2017 22:30	261000	764.141	16.894
11/4/2017 22:45	261900	764.272	16.754
11/4/2017 23:00	262800	764.185	16.628
11/4/2017 23:15	263700	764.065	16.495
11/4/2017 23:30	264600	763.938	16.331
11/4/2017 23:45	265500	764.13	16.176
11/5/2017 0:00	266400	764.055	16.085
11/5/2017 0:15	267300	764.274	15.961
11/5/2017 0:30	268200	764.508	15.854
11/5/2017 0:45	269100	764.391	15.762
11/5/2017 1:00	270000	764.435	15.601
11/5/2017 1:15	270900	764.452	15.482
11/5/2017 1:30	271800	764.442	15.409
11/5/2017 1:45	272700	764.436	15.322
11/5/2017 2:00	273600	764.259	15.185
11/5/2017 2:15	274500	764.67	15.053
11/5/2017 2:30	275400	764.492	14.932
11/5/2017 2:45	276300	764.479	14.836
11/5/2017 2:00	277200	764.419	14.734
11/5/2017 2:15	278100	764.798	14.642
11/5/2017 2:30	279000	764.462	14.502
11/5/2017 2:45	279900	764.353	14.462
11/5/2017 3:00	280800	764.86	14.444
11/5/2017 3:15	281700	764.38	14.385
11/5/2017 3:30	282600	764.681	14.397
11/5/2017 3:45	283500	764.569	14.395
11/5/2017 4:00	284400	764.47	14.357
11/5/2017 4:15	285300	764.535	14.335
11/5/2017 4:30	286200	764.759	14.296
11/5/2017 4:45	287100	764.827	14.277
11/5/2017 5:00	288000	764.962	14.293
11/5/2017 5:15	288900	765.084	14.312
11/5/2017 5:30	289800	764.882	14.298
11/5/2017 5:45	290700	764.951	14.318
11/5/2017 6:00	291600	764.893	14.295
11/5/2017 6:15	292500	765.121	14.292
11/5/2017 6:30	293400	765.001	14.317
11/5/2017 6:45	294300	765.358	14.295
11/5/2017 7:00	295200	765.441	14.263
11/5/2017 7:15	296100	765.84	14.247
11/5/2017 7:30	297000	765.541	14.235
11/5/2017 7:45	297900	765.438	14.235
11/5/2017 8:00	298800	766.044	14.215
11/5/2017 8:15	299700	765.802	14.295
11/5/2017 8:30	300600	765.839	14.425
11/5/2017 8:45	301500	766.178	14.599
11/5/2017 9:00	302400	766.016	14.837
11/5/2017 9:15	303300	765.965	15.064
11/5/2017 9:30	304200	766.192	15.342
11/5/2017 9:45	305100	766.323	15.597
11/5/2017 10:00	306000	766.185	15.897
11/5/2017 10:15	306900	766.122	16.141
11/5/2017 10:30	307800	766.129	16.386
11/5/2017 10:45	308700	766.042	16.618
11/5/2017 11:00	309600	766.048	16.875
11/5/2017 11:15	310500	765.998	17.098
11/5/2017 11:30	311400	765.665	17.313
11/5/2017 11:45	312300	765.5	17.481
11/5/2017 12:00	313200	765.516	17.668
11/5/2017 12:15	314100	765.323	17.838
11/5/2017 12:30	315000	765.094	17.988
11/5/2017 12:45	315900	764.995	18.156
11/5/2017 13:00	316800	764.641	18.318
11/5/2017 13:15	317700	764.654	18.468
11/5/2017 13:30	318600	764.351	18.561
11/5/2017 13:45	319500	764.704	18.704
11/5/2017 14:00	320400	764.374	18.786
11/5/2017 14:15	321300	764.341	18.898
11/5/2017 14:30	322200	764.263	19.011
11/5/2017 14:45	323100	764.261	19.097
11/5/2017 15:00	324000	764.412	19.118
11/5/2017 15:15	324900	764.195	19.1
11/5/2017 15:30	325800	764.063	19.111

11/5/2017 15:45	326700	764.358	19.005
11/5/2017 16:00	327600	764.167	18.896
11/5/2017 16:15	328500	764.249	18.723
11/5/2017 16:30	329400	764.152	18.577
11/5/2017 16:45	330300	764.27	18.445
11/5/2017 17:00	331200	764.02	18.298
11/5/2017 17:15	332100	763.946	18.131
11/5/2017 17:30	333000	763.615	17.931
11/5/2017 17:45	333900	764.475	17.725
11/5/2017 18:00	334800	764.268	17.518
11/5/2017 18:15	335700	764.382	17.323
11/5/2017 18:30	336600	764.16	17.087
11/5/2017 18:45	337500	764.06	16.89
11/5/2017 19:00	338400	764.348	16.708
11/5/2017 19:15	339300	764.47	16.57
11/5/2017 19:30	340200	764.271	16.437
11/5/2017 19:45	341100	764.422	16.299
11/5/2017 20:00	342000	764.737	16.163
11/5/2017 20:15	342900	764.428	16.016
11/5/2017 20:30	343800	764.449	15.903
11/5/2017 20:45	344700	764.485	15.711
11/5/2017 21:00	345600	764.397	15.546
11/5/2017 21:15	346500	764.736	15.39
11/5/2017 21:30	347400	765.05	15.206
11/5/2017 21:45	348300	764.833	14.995
11/5/2017 22:00	349200	764.702	14.858
11/5/2017 22:15	350100	764.897	14.691
11/5/2017 22:30	351000	764.836	14.582
11/5/2017 22:45	351900	764.982	14.464
11/5/2017 23:00	352800	764.935	14.322
11/5/2017 23:15	353700	765.143	14.203
11/5/2017 23:30	354600	764.954	14.073
11/5/2017 23:45	355500	764.904	13.9
11/6/2017 0:00	356400	764.898	13.786
11/6/2017 0:15	357300	765.228	13.644
11/6/2017 0:30	358200	764.861	13.595
11/6/2017 0:45	359100	764.807	13.435
11/6/2017 1:00	360000	764.648	13.341
11/6/2017 1:15	360900	765.113	13.217
11/6/2017 1:30	361800	765.172	13.074
11/6/2017 1:45	362700	765.162	12.948
11/6/2017 2:00	363600	765.001	12.793
11/6/2017 2:15	364500	764.848	12.739
11/6/2017 2:30	365400	764.844	12.583
11/6/2017 2:45	366300	764.727	12.475
11/6/2017 3:00	367200	765.008	12.477
11/6/2017 3:15	368100	764.738	12.415
11/6/2017 3:30	369000	765.132	12.362
11/6/2017 3:45	369900	765.139	12.338
11/6/2017 4:00	370800	764.93	12.224
11/6/2017 4:15	371700	765.196	12.206
11/6/2017 4:30	372600	765.18	12.131
11/6/2017 4:45	373500	765.465	12.101
11/6/2017 5:00	374400	765.59	11.99
11/6/2017 5:15	375300	765.007	11.952
11/6/2017 5:30	376200	765.1	11.912
11/6/2017 5:45	377100	765.248	11.871
11/6/2017 6:00	378000	765.351	11.825
11/6/2017 6:15	378900	765.134	11.81
11/6/2017 6:30	379800	765.251	11.806
11/6/2017 6:45	380700	765.142	11.744
11/6/2017 7:00	381600	765.298	11.665
11/6/2017 7:15	382500	765.531	11.618
11/6/2017 7:30	383400	765.798	11.609
11/6/2017 7:45	384300	765.96	11.619
11/6/2017 8:00	385200	766.051	11.675
11/6/2017 8:15	386100	765.945	11.753
11/6/2017 8:30	387000	765.875	11.909
11/6/2017 8:45	387900	765.692	12.074
11/6/2017 9:00	388800	765.893	12.382
11/6/2017 9:15	389700	765.944	12.726
11/6/2017 9:30	390600	765.29	13.082
11/6/2017 9:45	391500	765.759	13.447
11/6/2017 10:00	392400	765.666	13.827
11/6/2017 10:15	393300	765.463	14.165
11/6/2017 10:30	394200	765.46	14.478
11/6/2017 10:45	395100	765.489	14.829
11/6/2017 11:00	396000	765.199	15.138
11/6/2017 11:15	396900	765.052	15.408
11/6/2017 11:30	397800	764.702	15.678
11/6/2017 11:45	398700	764.726	15.956
11/6/2017 12:00	399600	764.867	16.227
11/6/2017 12:15	400500	764.523	16.496
11/6/2017 12:30	401400	764.693	16.724
11/6/2017 12:45	402300	764.694	16.951
11/6/2017 13:00	403200	764.09	17.134
11/6/2017 13:15	404100	763.799	17.33
11/6/2017 13:30	405000	763.999	17.499
11/6/2017 13:45	405900	763.929	17.643
11/6/2017 14:00	406800	763.983	17.755
11/6/2017 14:15	407700	763.974	17.85
11/6/2017 14:30	408600	763.729	17.961
11/6/2017 14:45	409500	763.754	18.051
11/6/2017 15:00	410400	763.744	18.134
11/6/2017 15:15	411300	763.855	18.147
11/6/2017 15:30	412200	763.731	18.132

11/6/2017 15:45	413100	763.761	18.112
11/6/2017 16:00	414000	763.396	18.029
11/6/2017 16:15	414900	763.676	17.947
11/6/2017 16:30	415800	763.745	17.847
11/6/2017 16:45	416700	763.948	17.751
11/6/2017 17:00	417600	764.071	17.661
11/6/2017 17:15	418500	763.905	17.502
11/6/2017 17:30	419400	763.869	17.404
11/6/2017 17:45	420300	763.832	17.225
11/6/2017 18:00	421200	764.205	17.06
11/6/2017 18:15	422100	764.266	16.835
11/6/2017 18:30	423000	764.203	16.681
11/6/2017 18:45	423900	764.221	16.504
11/6/2017 19:00	424800	764.55	16.344
11/6/2017 19:15	425700	764.555	16.203
11/6/2017 19:30	426600	764.705	16.05
11/6/2017 19:45	427500	764.592	15.879
11/6/2017 20:00	428400	764.432	15.779
11/6/2017 20:15	429300	764.126	15.628
11/6/2017 20:30	430200	764.366	15.497
11/6/2017 20:45	431100	764.672	15.337
11/6/2017 21:00	432000	764.305	15.178
11/6/2017 21:15	432900	764.607	15.088
11/6/2017 21:30	433800	764.881	14.96
11/6/2017 21:45	434700	764.866	14.78
11/6/2017 22:00	435600	764.967	14.669
11/6/2017 22:15	436500	765.057	14.483
11/6/2017 22:30	437400	764.899	14.396
11/6/2017 22:45	438300	764.947	14.222
11/6/2017 23:00	439200	765.194	14.064
11/6/2017 23:15	440100	764.908	13.938
11/6/2017 23:30	441000	764.887	13.821
11/6/2017 23:45	441900	765.138	13.698
11/7/2017 0:00	442800	765.033	13.531
11/7/2017 0:15	443700	764.881	13.462
11/7/2017 0:30	444600	765.304	13.376
11/7/2017 0:45	445500	765.139	13.31
11/7/2017 1:00	446400	765.391	13.211
11/7/2017 1:15	447300	764.944	13.122
11/7/2017 1:30	448200	765.127	13.036
11/7/2017 1:45	449100	765.044	13.009
11/7/2017 2:00	450000	764.872	12.956
11/7/2017 2:15	450900	764.838	12.886
11/7/2017 2:30	451800	764.193	12.823
11/7/2017 2:45	452700	764.442	12.733
11/7/2017 3:00	453600	764.249	12.701
11/7/2017 3:15	454500	764.302	12.66
11/7/2017 3:30	455400	764.41	12.591
11/7/2017 3:45	456300	764.287	12.554
11/7/2017 4:00	457200	764.523	12.508
11/7/2017 4:15	458100	764.173	12.485
11/7/2017 4:30	459000	764.518	12.475
11/7/2017 4:45	459900	764.423	12.437
11/7/2017 5:00	460800	764.336	12.39
11/7/2017 5:15	461700	764.804	12.332
11/7/2017 5:30	462600	764.767	12.246
11/7/2017 5:45	463500	765.113	12.167
11/7/2017 6:00	464400	764.706	12.094
11/7/2017 6:15	465300	764.893	12.117
11/7/2017 6:30	466200	765.084	11.996
11/7/2017 6:45	467100	764.922	11.912
11/7/2017 7:00	468000	764.838	11.827
11/7/2017 7:15	468900	764.91	11.824
11/7/2017 7:30	469800	764.876	11.758
11/7/2017 7:45	470700	764.988	11.761
11/7/2017 8:00	471600	764.992	11.892
11/7/2017 8:15	472500	764.914	12.059
11/7/2017 8:30	473400	765.413	12.205
11/7/2017 8:45	474300	765.421	12.478
11/7/2017 9:00	475200	765.16	12.716
11/7/2017 9:15	476100	765.187	13.002
11/7/2017 9:30	477000	764.868	13.337
11/7/2017 9:45	477900	764.772	13.653
11/7/2017 10:00	478800	764.246	13.937
11/7/2017 10:15	479700	764.533	14.271
11/7/2017 10:30	480600	764.709	14.558
11/7/2017 10:45	481500	764.468	14.849
11/7/2017 11:00	482400	764.449	15.156
11/7/2017 11:15	483300	764.549	15.401
11/7/2017 11:30	484200	763.773	15.667
11/7/2017 11:45	485100	764.201	15.917
11/7/2017 12:00	486000	764.323	16.203
11/7/2017 12:15	486900	763.764	16.442
11/7/2017 12:30	487800	763.983	16.73
11/7/2017 12:45	488700	763.874	16.947
11/7/2017 13:00	489600	763.627	17.159
11/7/2017 13:15	490500	763.408	17.335
11/7/2017 13:30	491400	763.541	17.557
11/7/2017 13:45	492300	763.46	17.74
11/7/2017 14:00	493200	763.517	17.893
11/7/2017 14:15	494100	763.311	17.991
11/7/2017 14:30	495000	763.516	18.093
11/7/2017 14:45	495900	763.609	18.21
11/7/2017 15:00	496800	763.196	18.298
11/7/2017 15:15	497700	763.091	18.301
11/7/2017 15:30	498600	763.128	18.349

11/7/2017 15:45	499500	763.015	18.265
11/7/2017 16:00	500400	762.843	18.183
11/7/2017 16:15	501300	763.194	18.122
11/7/2017 16:30	502200	762.999	17.985
11/7/2017 16:45	503100	762.987	17.877
11/7/2017 17:00	504000	762.914	17.73
11/7/2017 17:15	504900	762.74	17.573
11/7/2017 17:30	505800	763.281	17.466
11/7/2017 17:45	506700	763.081	17.304
11/7/2017 18:00	507600	763.044	17.101
11/7/2017 18:15	508500	763.34	16.895
11/7/2017 18:30	509400	763.494	16.659
11/7/2017 18:45	510300	763.547	16.384
11/7/2017 19:00	511200	763.185	16.18
11/7/2017 19:15	512100	763.195	16
11/7/2017 19:30	513000	763.502	15.851
11/7/2017 19:45	513900	762.982	15.731
11/7/2017 20:00	514800	763.571	15.573
11/7/2017 20:15	515700	763.222	15.425
11/7/2017 20:30	516600	763.285	15.272
11/7/2017 20:45	517500	763.453	15.166
11/7/2017 21:00	518400	763.598	15.006
11/7/2017 21:15	519300	763.704	14.84
11/7/2017 21:30	520200	763.785	14.7
11/7/2017 21:45	521100	763.721	14.599
11/7/2017 22:00	522000	764.124	14.465
11/7/2017 22:15	522900	764.211	14.429
11/7/2017 22:30	523800	763.925	14.268
11/7/2017 22:45	524700	764.115	14.189
11/7/2017 23:00	525600	763.638	14.099
11/7/2017 23:15	526500	763.965	14.011
11/7/2017 23:30	527400	763.823	13.886
11/7/2017 23:45	528300	764.025	13.846
11/8/2017 0:00	529200	763.546	13.787
11/8/2017 0:15	530100	763.798	13.757
11/8/2017 0:30	531000	763.265	13.689
11/8/2017 0:45	531900	763.499	13.646
11/8/2017 1:00	532800	763.456	13.599
11/8/2017 1:15	533700	763.556	13.596
11/8/2017 1:30	534600	762.893	13.557
11/8/2017 1:45	535500	762.873	13.547
11/8/2017 2:00	536400	763.112	13.47
11/8/2017 2:15	537300	762.503	13.451
11/8/2017 2:30	538200	762.205	13.379
11/8/2017 2:45	539100	762.364	13.314
11/8/2017 3:00	540000	762.288	13.337
11/8/2017 3:15	540900	761.86	13.321
11/8/2017 3:30	541800	761.721	13.29
11/8/2017 3:45	542700	762.04	13.232
11/8/2017 4:00	543600	761.609	13.211
11/8/2017 4:15	544500	761.923	13.14
11/8/2017 4:30	545400	762.056	13.102
11/8/2017 4:45	546300	761.884	13.027
11/8/2017 5:00	547200	762.069	13.006
11/8/2017 5:15	548100	762.132	12.9
11/8/2017 5:30	549000	762.157	12.843
11/8/2017 5:45	549900	762.334	12.834
11/8/2017 6:00	550800	762.608	12.809
11/8/2017 6:15	551700	762.807	12.819
11/8/2017 6:30	552600	762.644	12.819
11/8/2017 6:45	553500	762.637	12.807
11/8/2017 7:00	554400	763.049	12.804
11/8/2017 7:15	555300	763.136	12.782
11/8/2017 7:30	556200	763.038	12.837
11/8/2017 7:45	557100	763.173	12.915
11/8/2017 8:00	558000	763.218	12.998
11/8/2017 8:15	558900	763.353	13.05
11/8/2017 8:30	559800	763.398	13.132
11/8/2017 8:45	560700	763.702	13.312
11/8/2017 9:00	561600	763.329	13.567
11/8/2017 9:15	562500	763.129	13.824
11/8/2017 9:30	563400	763.333	14.123
11/8/2017 9:45	564300	763.088	14.365
11/8/2017 10:00	565200	763.041	14.599
11/8/2017 10:15	566100	763.06	14.79
11/8/2017 10:30	567000	762.988	15.013
11/8/2017 10:45	567900	763.223	15.188
11/8/2017 11:00	568800	763.099	15.311
11/8/2017 11:15	569700	762.438	15.464
11/8/2017 11:30	570600	762.225	15.621
11/8/2017 11:45	571500	762.185	15.757
11/8/2017 12:00	572400	761.94	15.86
11/8/2017 12:15	573300	761.589	16.006
11/8/2017 12:30	574200	761.662	16.121
11/8/2017 12:45	575100	761.718	16.242
11/8/2017 13:00	576000	761.552	16.359
11/8/2017 13:15	576900	761.259	16.424
11/8/2017 13:30	577800	761.26	16.509
11/8/2017 13:45	578700	760.544	16.595
11/8/2017 14:00	579600	760.724	16.639
11/8/2017 14:15	580500	760.707	16.701
11/8/2017 14:30	581400	760.905	16.779
11/8/2017 14:45	582300	760.738	16.822
11/8/2017 15:00	583200	760.662	16.855
11/8/2017 15:15	584100	760.583	16.875
11/8/2017 15:30	585000	760.511	16.915

11/8/2017 15:45	585900	760.082	17.015
11/8/2017 16:00	586800	760.254	17.05
11/8/2017 16:15	587700	760.141	17.081
11/8/2017 16:30	588600	760.139	17.084
11/8/2017 16:45	589500	760.234	17.082
11/8/2017 17:00	590400	760.026	17.087
11/8/2017 17:15	591300	759.967	17.054
11/8/2017 17:30	592200	759.996	17.012
11/8/2017 17:45	593100	759.936	16.96
11/8/2017 18:00	594000	760.006	16.914
11/8/2017 18:15	594900	760.25	16.872
11/8/2017 18:30	595800	759.803	16.769
11/8/2017 18:45	596700	760.196	16.671
11/8/2017 19:00	597600	760.304	16.626
11/8/2017 19:15	598500	760.58	16.533
11/8/2017 19:30	599400	760.171	16.466
11/8/2017 19:45	600300	759.965	16.358
11/8/2017 20:00	601200	760.24	16.293
11/8/2017 20:15	602100	760.497	16.243
11/8/2017 20:30	603000	760.325	16.172
11/8/2017 20:45	603900	760.398	16.131
11/8/2017 21:00	604800	760.474	16.126
11/8/2017 21:15	605700	760.706	16.124
11/8/2017 21:30	606600	760.729	16.114
11/8/2017 21:45	607500	760.491	16.138
11/8/2017 22:00	608400	760.386	16.111
11/8/2017 22:15	609300	760.227	16.122
11/8/2017 22:30	610200	760.823	16.105
11/8/2017 22:45	611100	760.427	16.153
11/8/2017 23:00	612000	760.878	16.128
11/8/2017 23:15	612900	760.491	16.164
11/8/2017 23:30	613800	760.273	16.158
11/8/2017 23:45	614700	760.23	16.132

GEOSCIENCE

GEOSCIENCE Support Services, Inc. | P (909) 451-6650 | F (909) 451-6638
620 W. Arrow Highway, Suite 2000, La Verne, CA 91750 | Mailing: P.O. Box 220, Claremont, CA 91711