

MONTEREY PENINSULA WATER SUPPLY PROJECT

Test Slant Well Long Term Pumping Monitoring Report No. 126 27-September-17 - 4-October-17

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

October 10, 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. 126 27-September-17 - 4-October-17

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

OCTOBER 10, 2017

PREPARED FOR:
CALIFORNIA AMERICAN WATER



GEOSCIENCE SUPPORT SERVICES INCORPORATED

Ground Water Resources Development

P.O. Box 220, Claremont, CA 91711

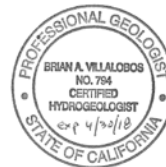
T: 909-451-6650

F: 909-451-6638

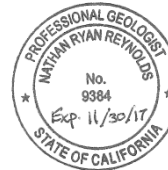
THIS REPORT HAS BEEN PREPARED BY OR UNDER THE DIRECTION OF THE FOLLOWING DESIGN PROFESSIONAL LICENSED BY THE STATE OF CALIFORNIA AND BASED ON THE MOST RECENT AVAILABLE INFORMATION.



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 27-September-17 through 4-October-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. 126 27-SEPTEMBER-17 - 4-OCTOBER-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 27-September-17 through 4-October-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

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

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

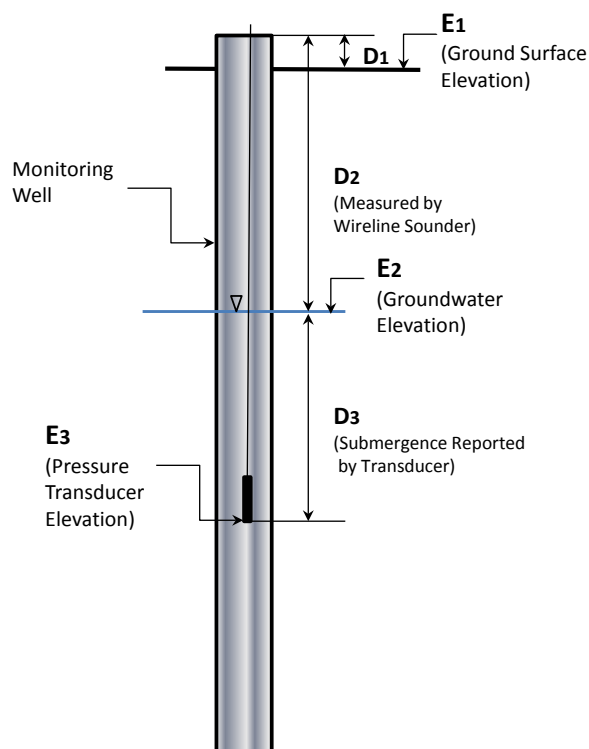
Pressure transducer readings were converted to groundwater elevation values (expressed as ft NAVD88) using the setting depth of the pressure transducer and the ground surface elevation at the monitoring well site (see inset). After initially setting a pressure transducer in the well, and after each time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

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

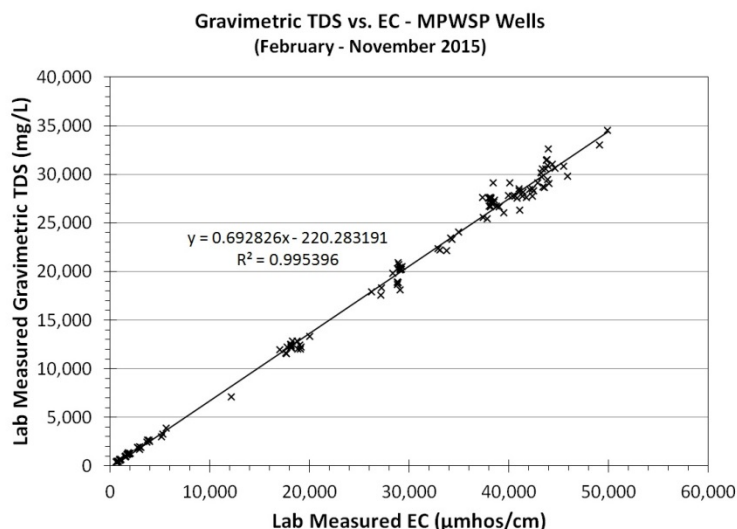
MW-1, MW-3, MW-4, MW-5, Dredge Pond, and Test Slant Well reference point elevations (RP) were surveyed on 26-Mar-15. MW-6, MW-7, MW-8, MW-9, and CEMEX North Well RPs were surveyed on 1-Oct-15 and are summarized in Table 1. All elevations are in ft NAVD88 including RP and ground surface elevations. CEMEX 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.

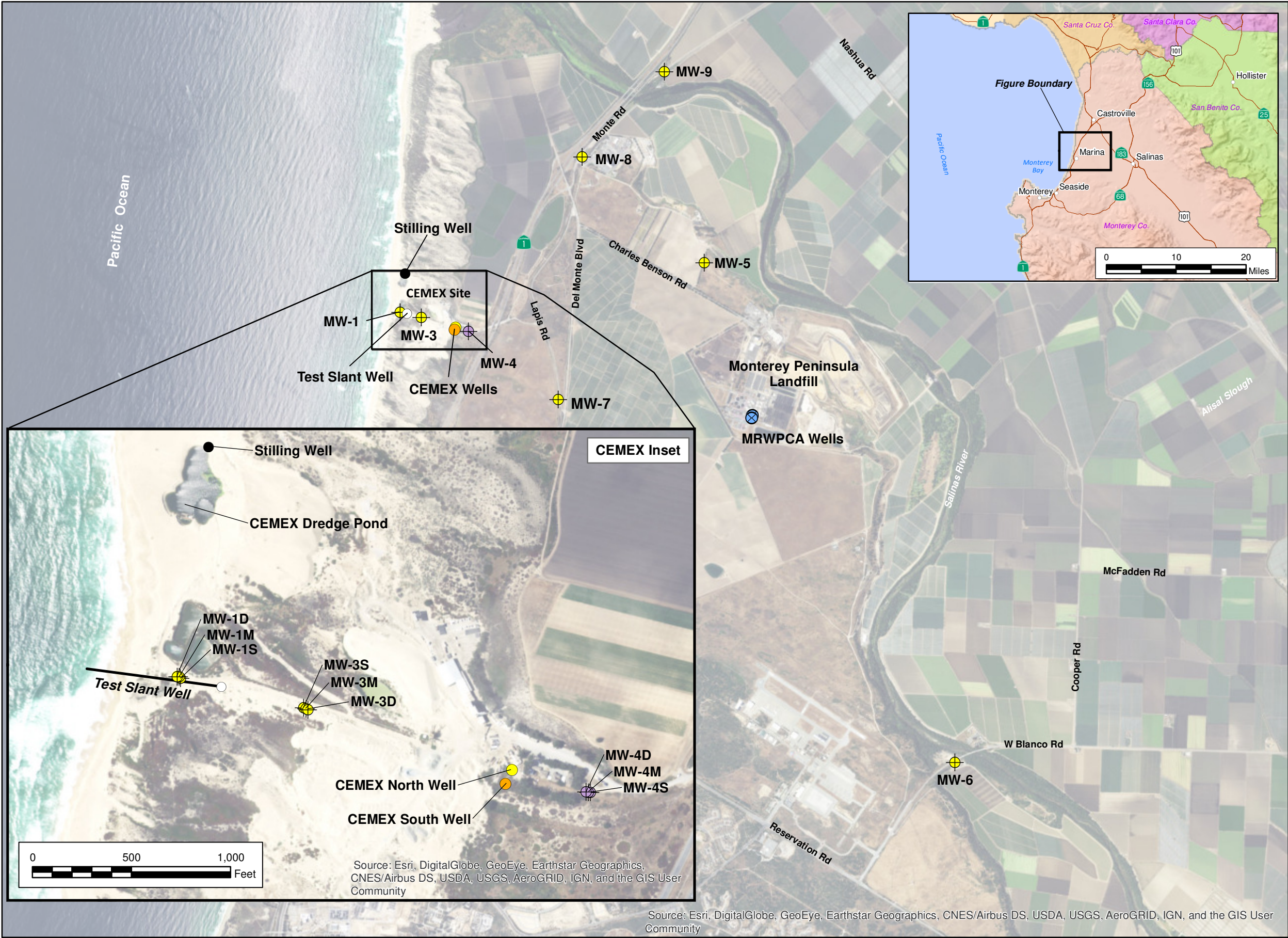
Data collected from transducers will continue to be plotted. Where no transducers were present, specific conductivity data was collected using a hand-held electrical conductance meter (MW-5 &

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.

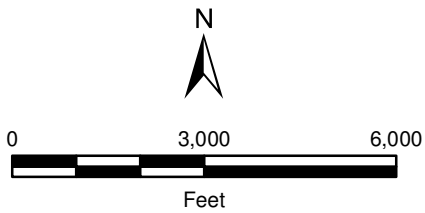
FIGURES

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

W:\GIS_projects\comp_cal_ambd_wl_monitoring\long_term_monitoring_Rpt_No126_10-10-17\1_Fig_1-1_MonWells_10-10-17.mxd



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



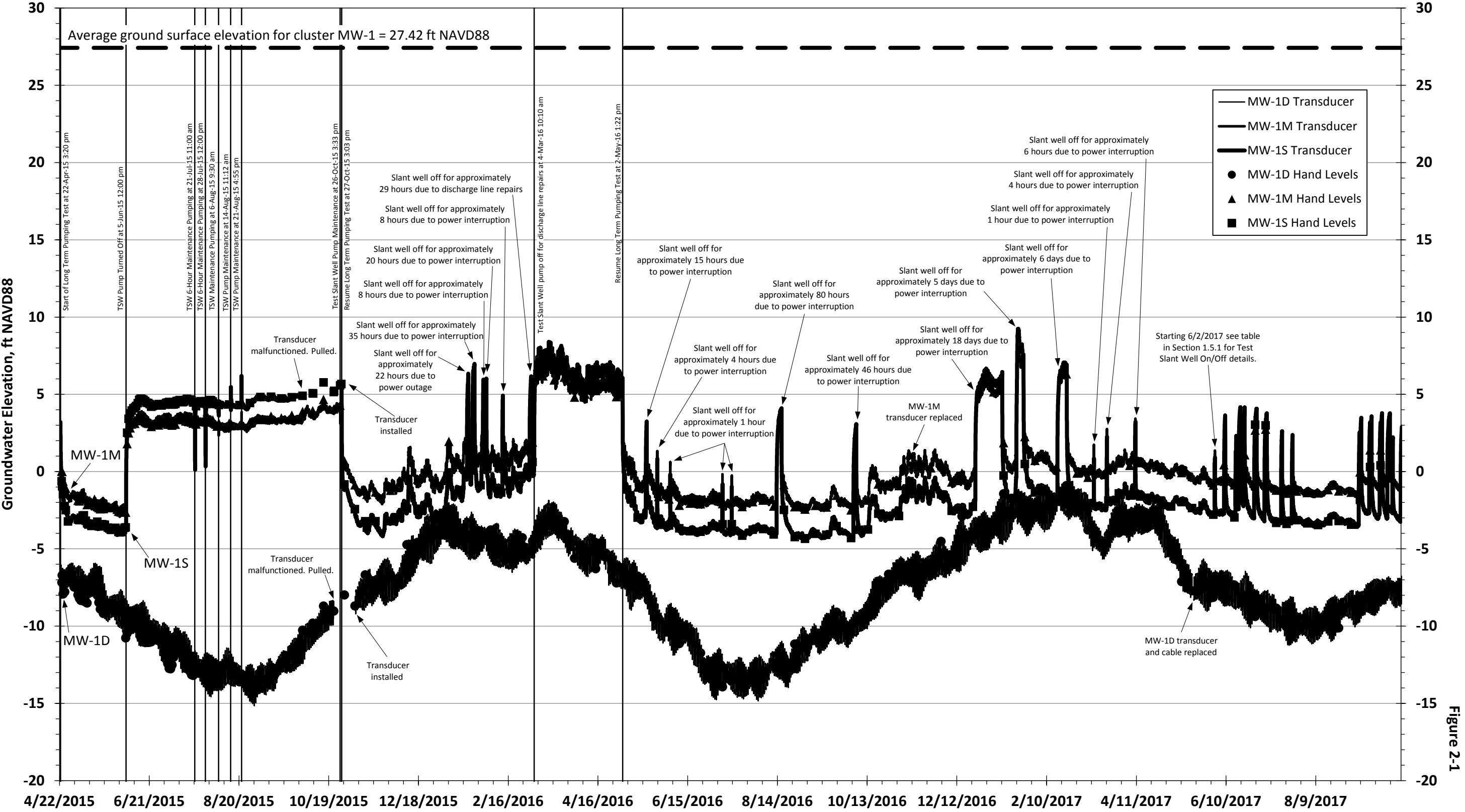
MPWSP GROUNDWATER MONITORING NETWORK

10-Oct-17

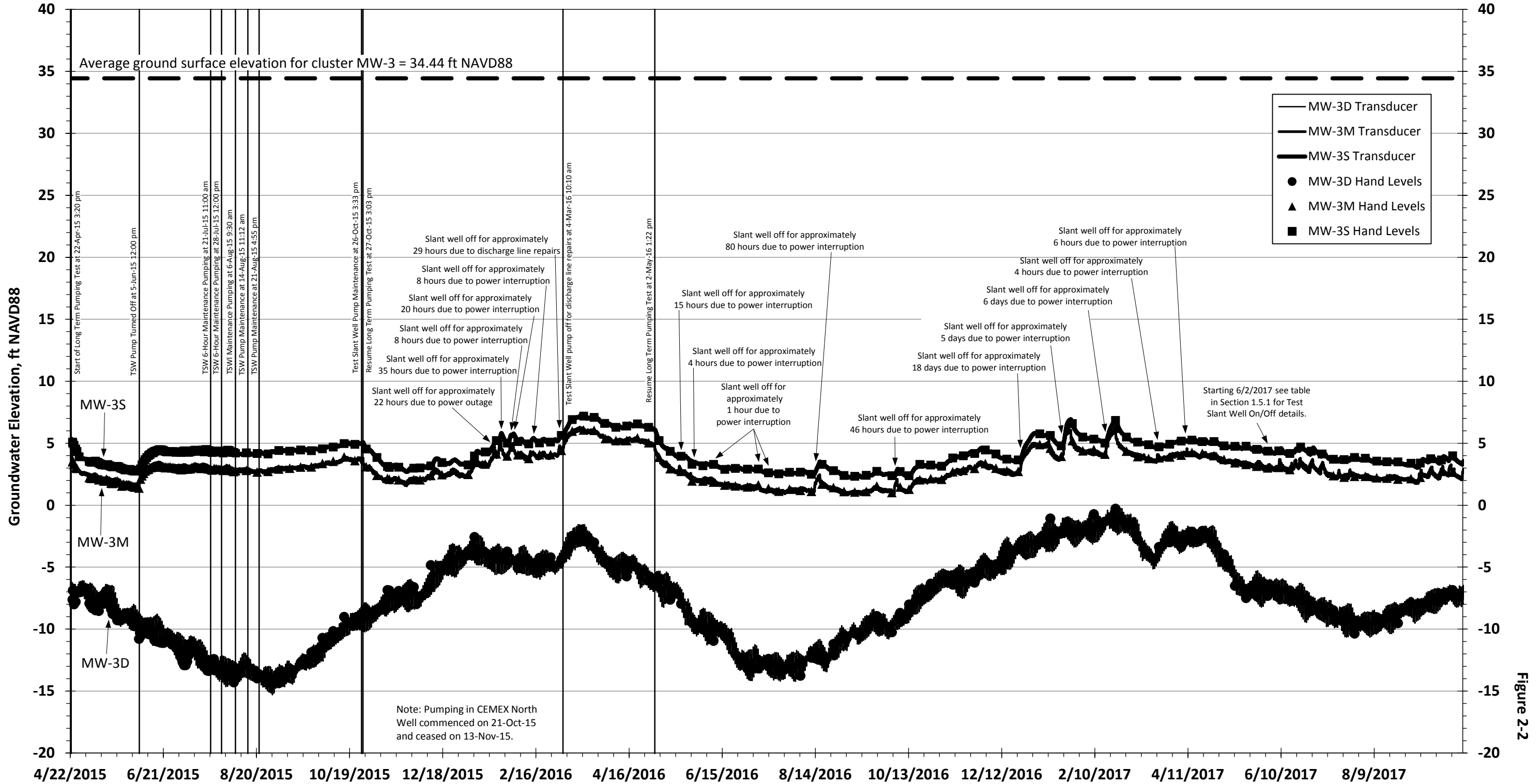
FIGURE 1-1



Groundwater Elevation in MPWSP MW-1



Groundwater Elevation in MPWSP MW-3



Groundwater Elevation in MPWSP MW-4

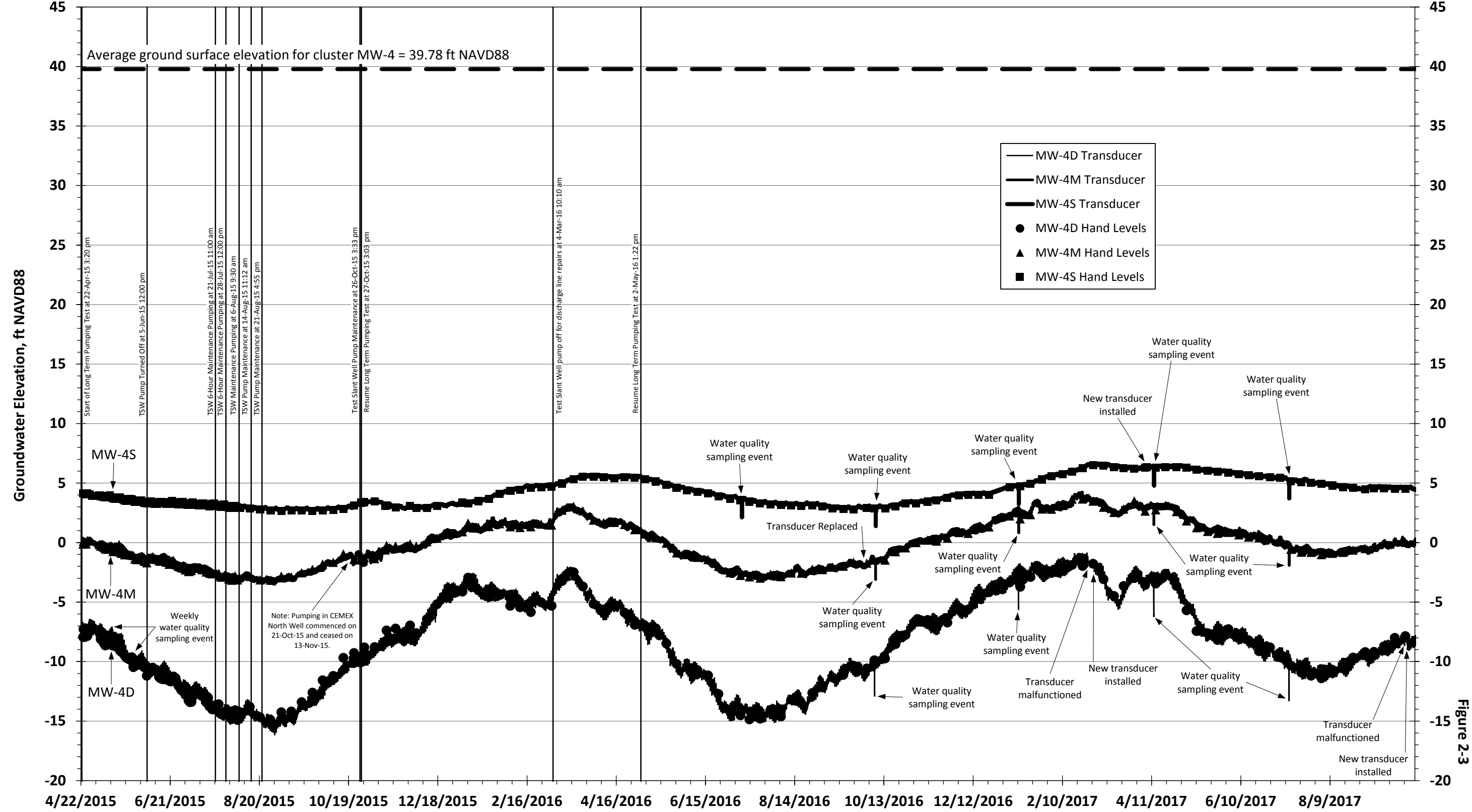


Figure 2-3

Groundwater Elevation in MPWSP MW-5

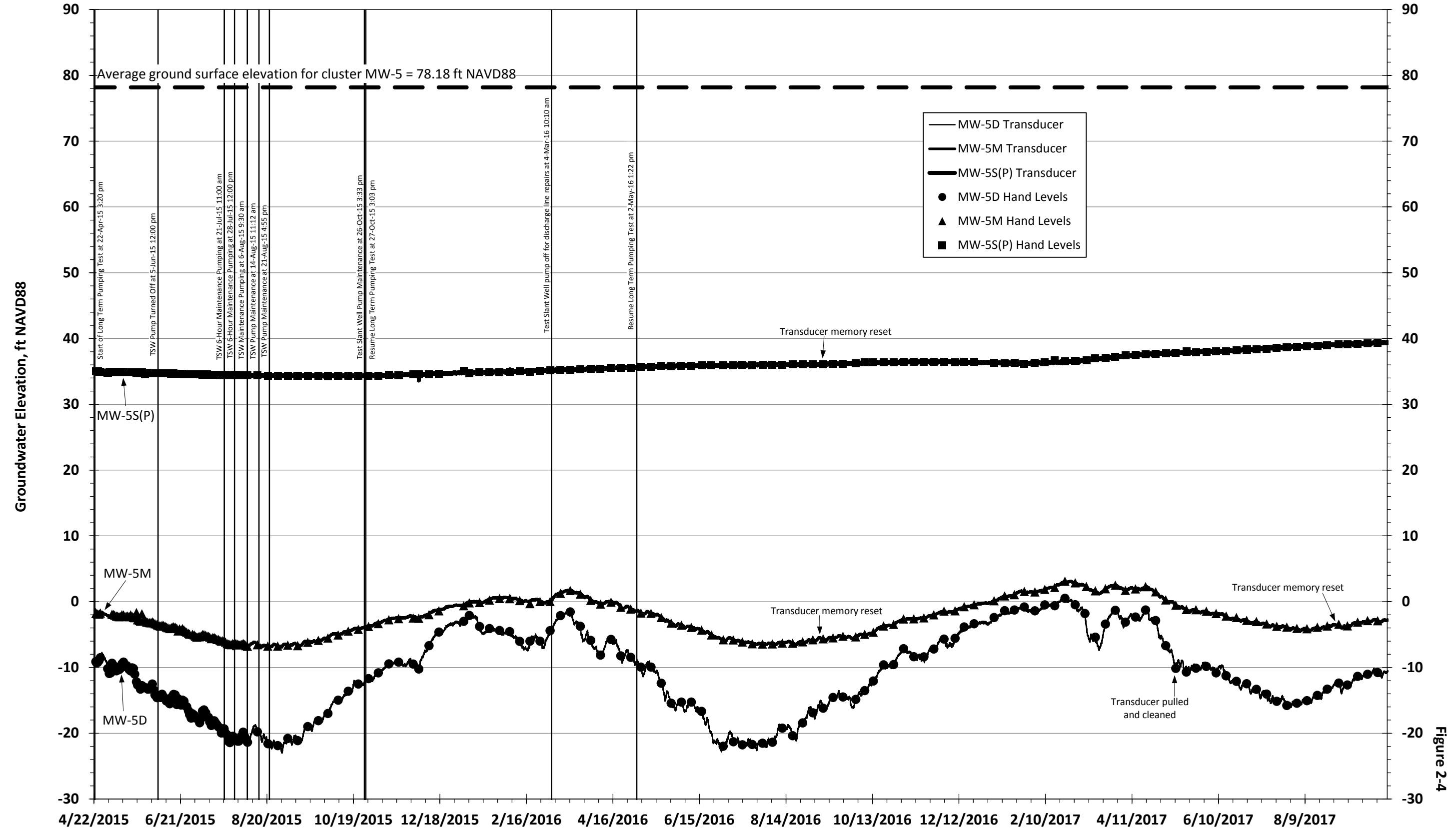


Figure 2-4

Groundwater Elevation in MPWSP MW-6

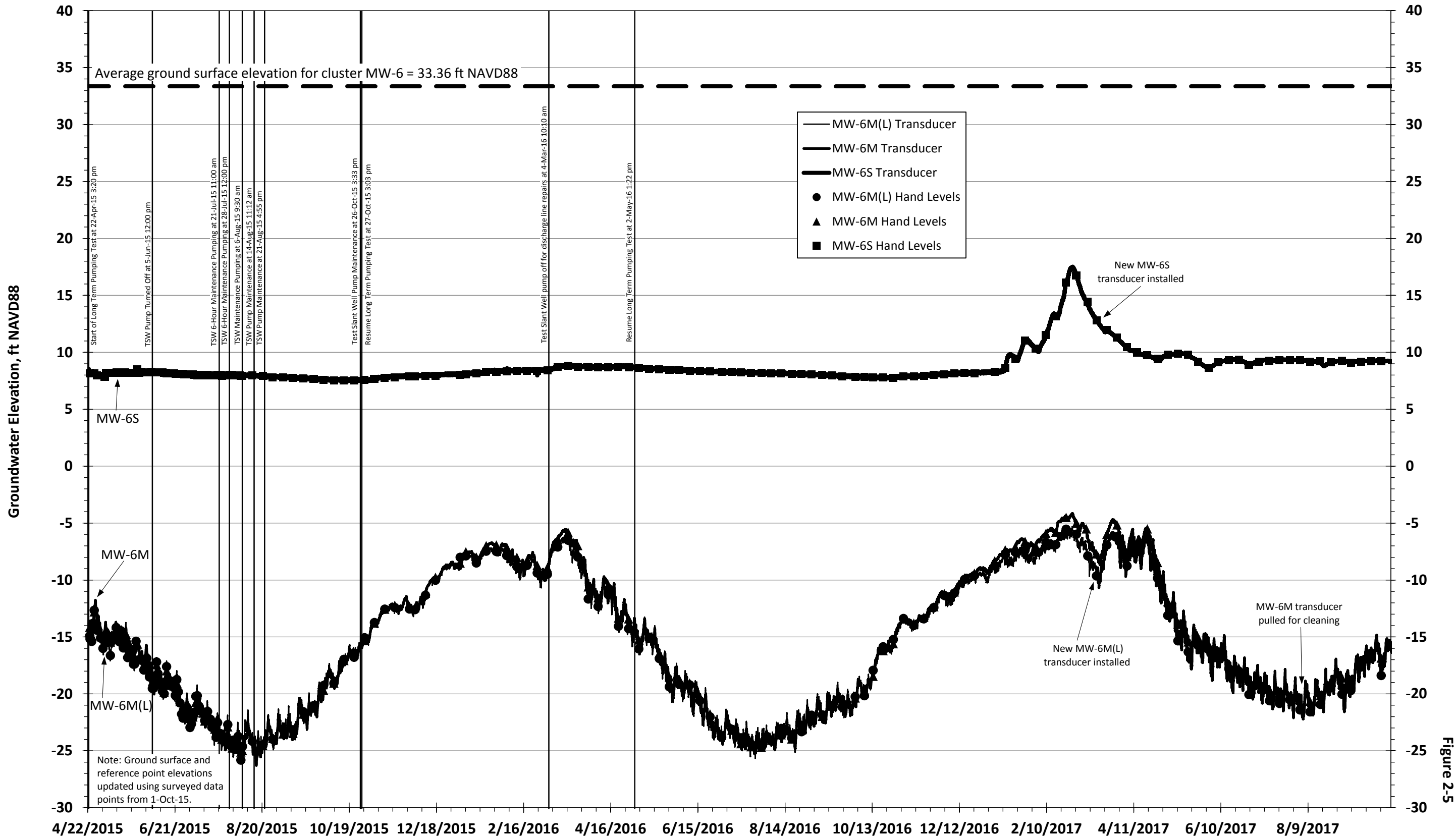
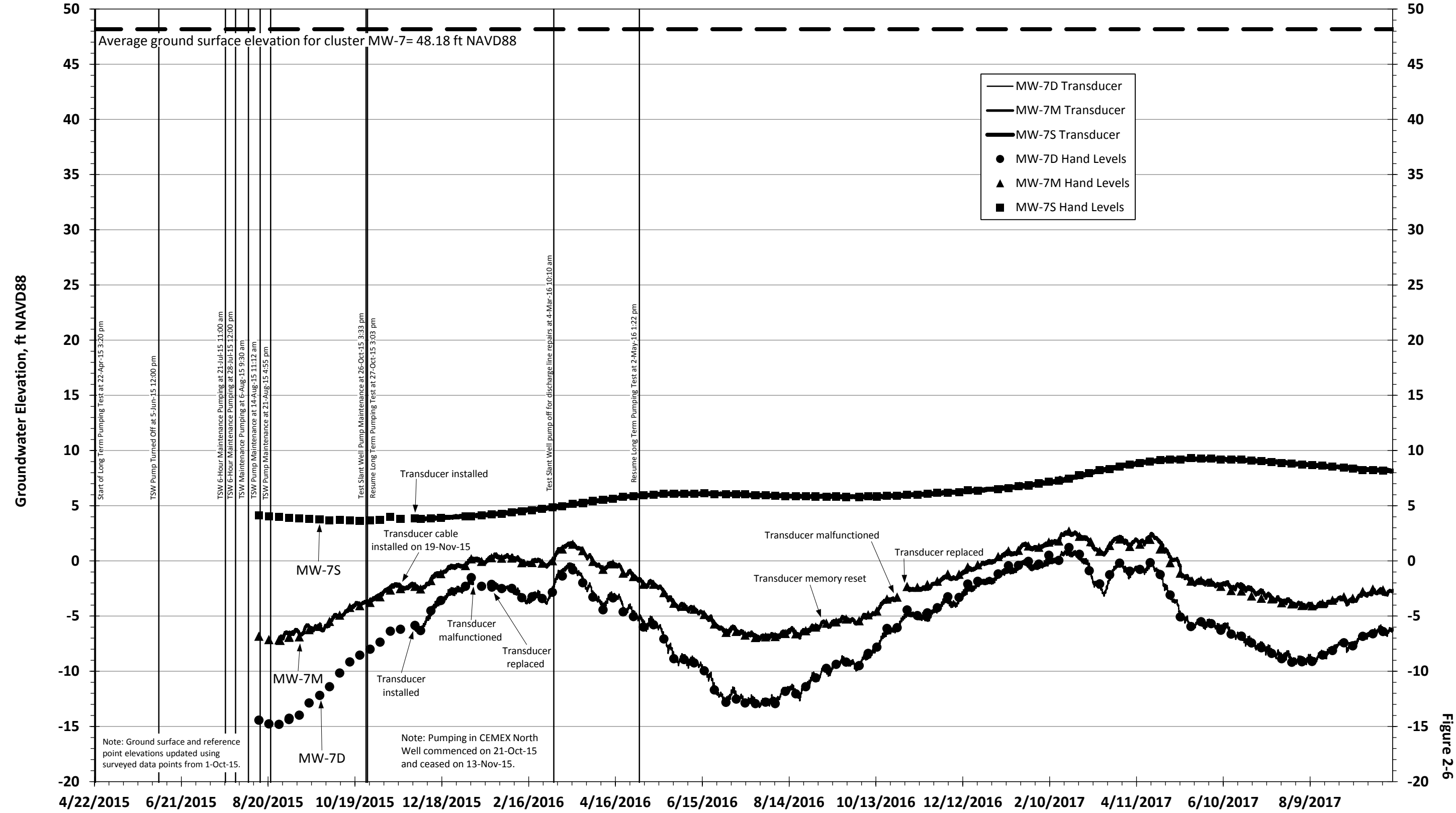
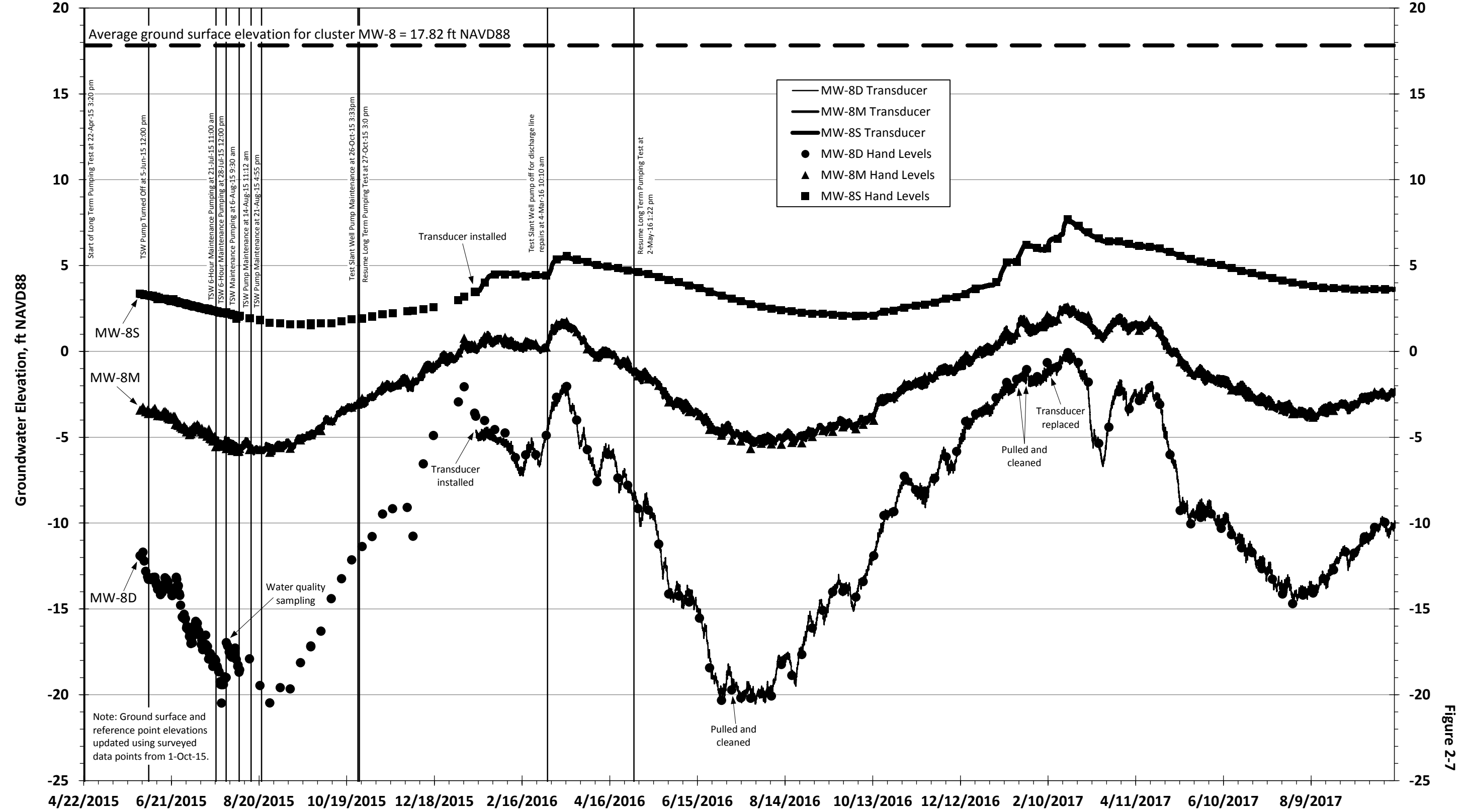


Figure 2-5

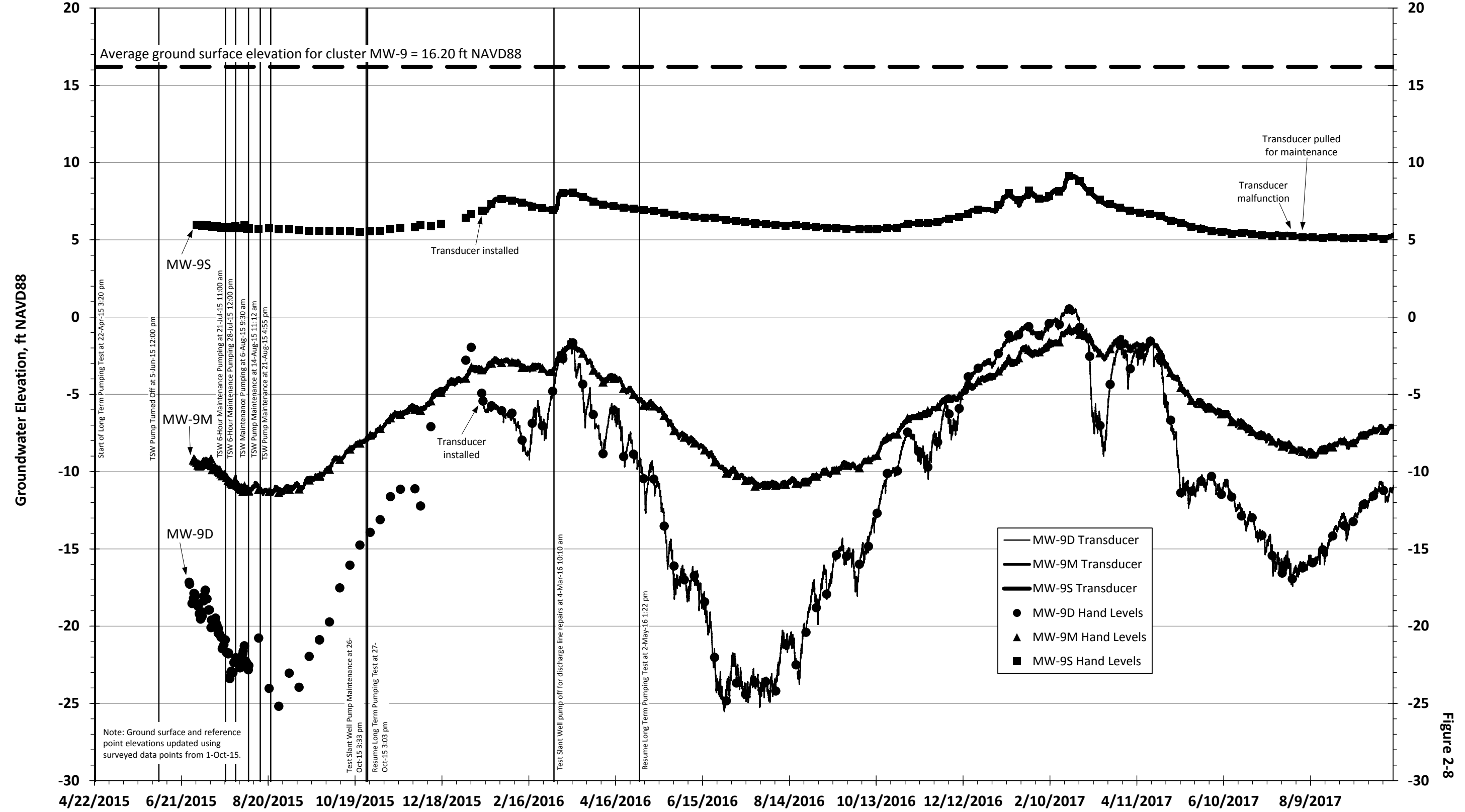
Groundwater Elevation in MPWSP MW-7



Groundwater Elevation in MPWSP MW-8



Groundwater Elevation in MPWSP MW-9



Groundwater Elevation in Monterey Regional Water Pollution Control Agency Wells

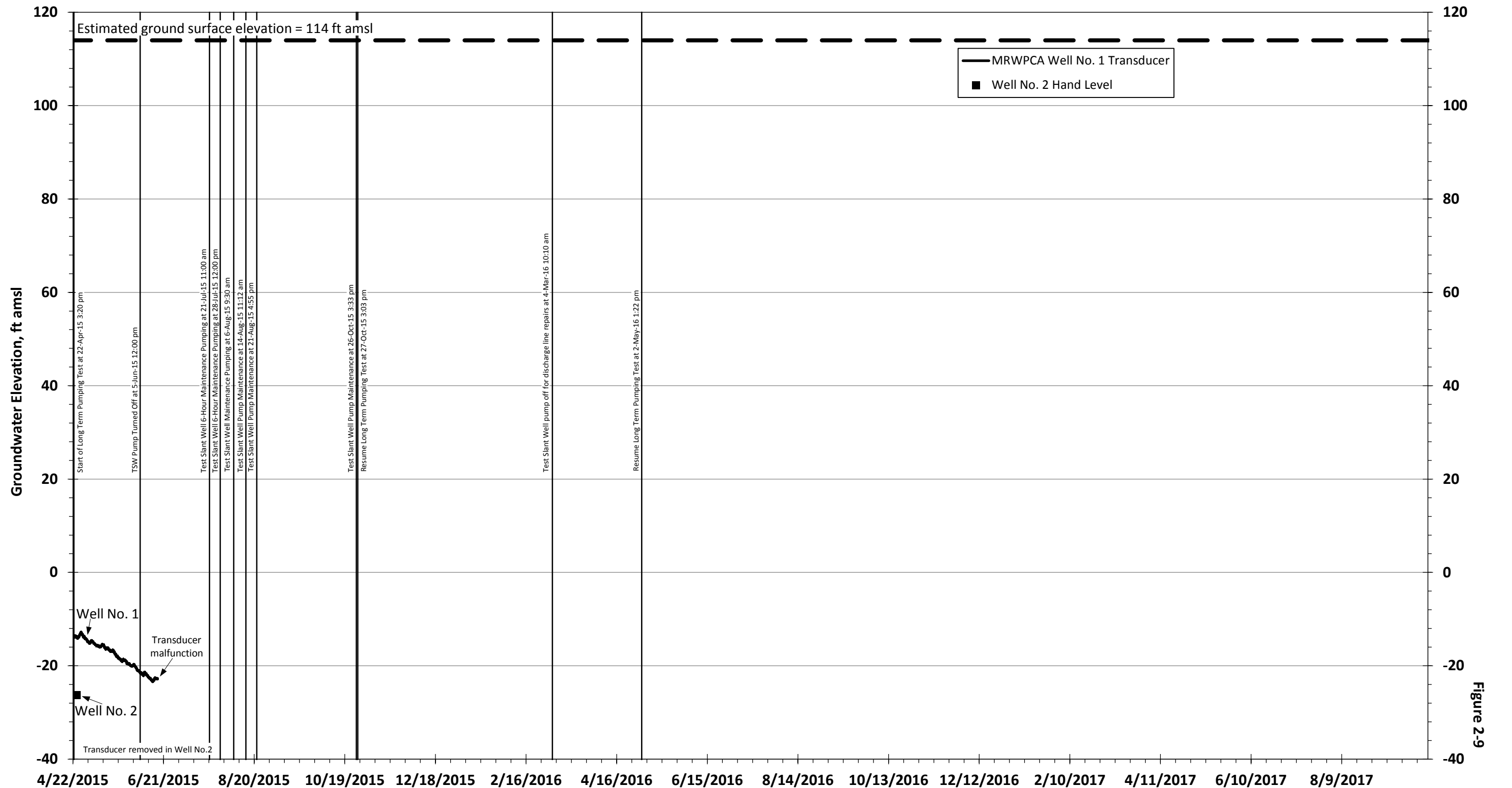


Figure 2-9

Surface Water Elevation in CEMEX Dredge Pond

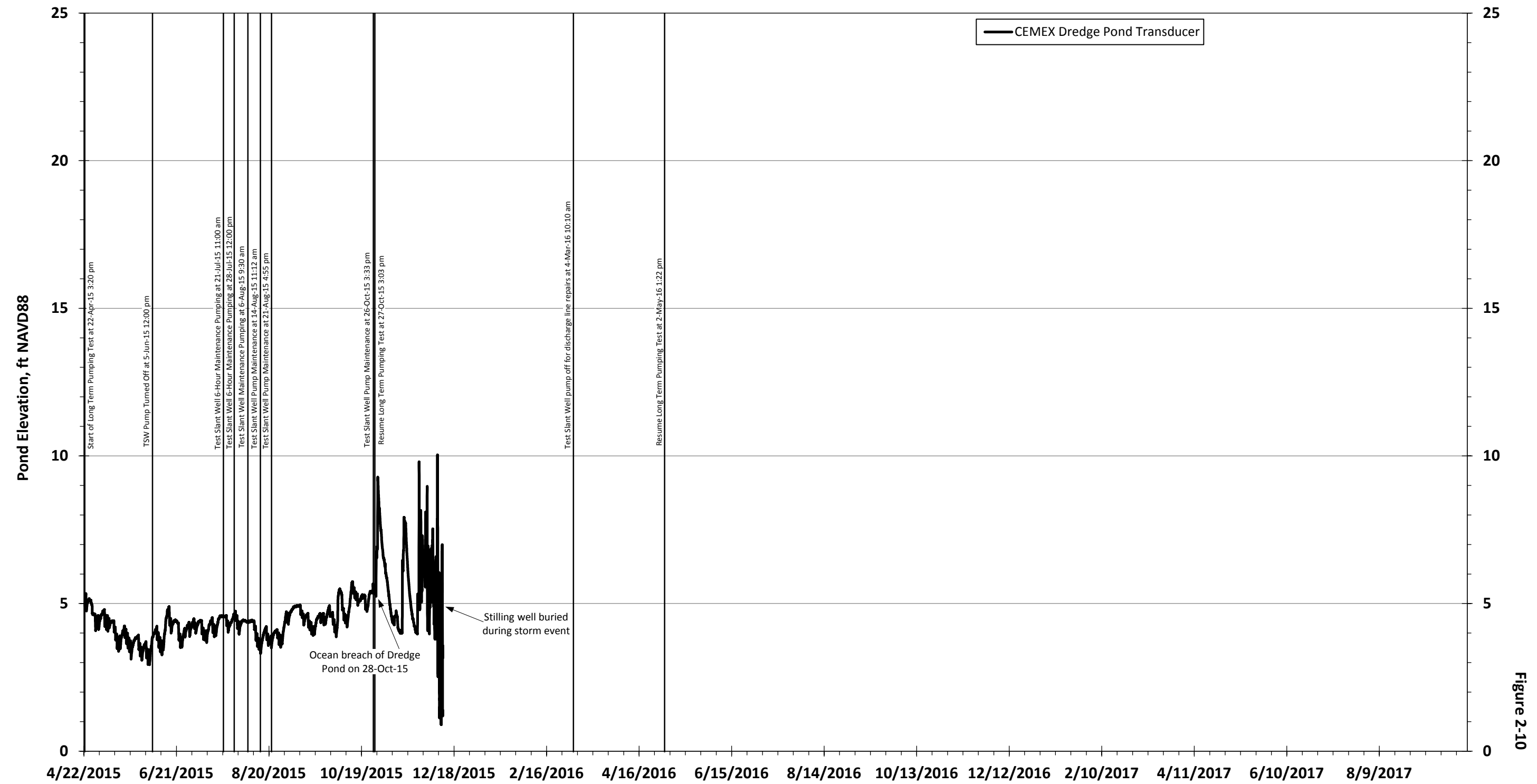


Figure 2-10

Groundwater Elevation in CEMEX North Well

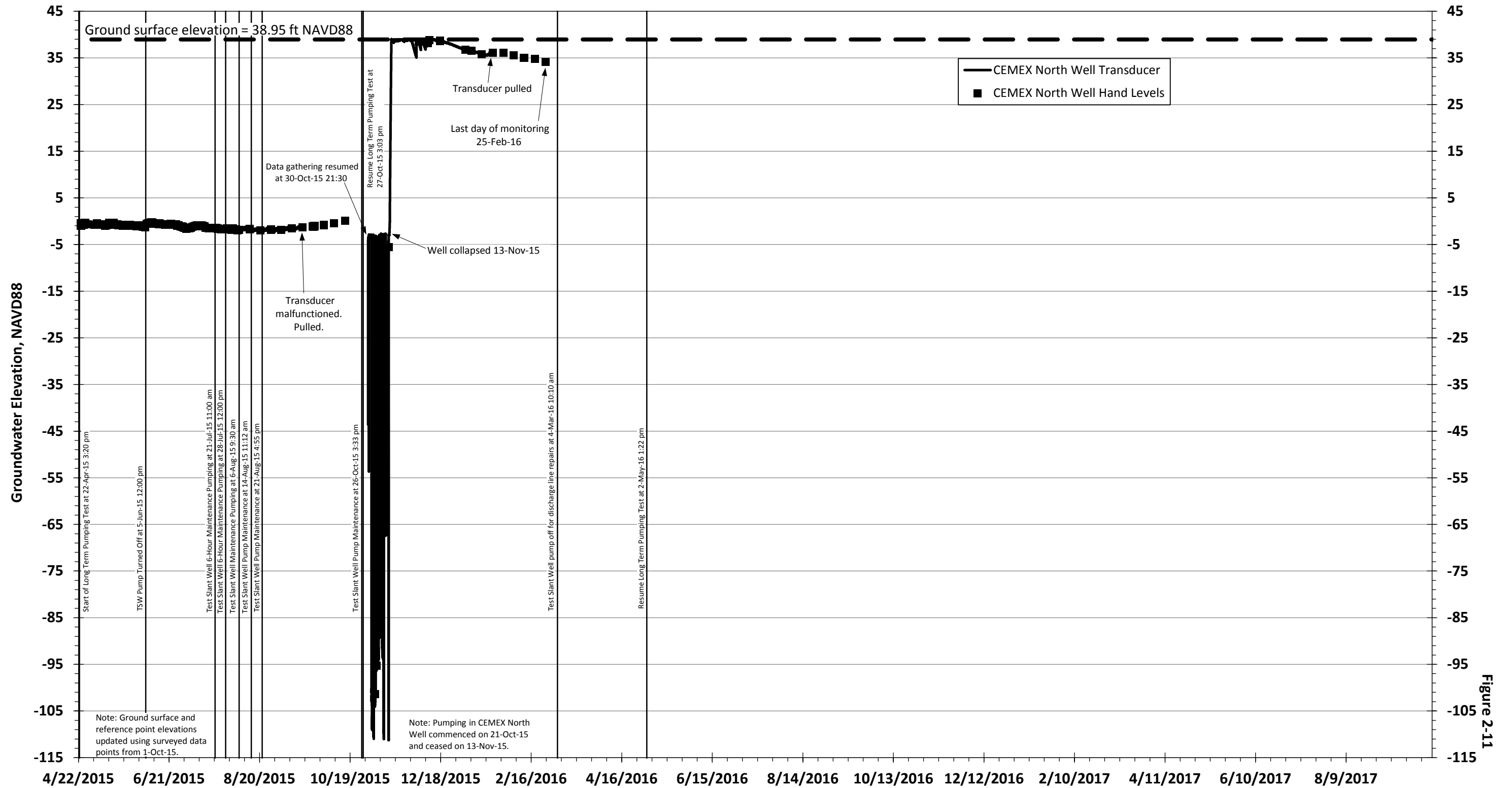


Figure 2-11

Groundwater Elevation in MPWSP Test Slant Well

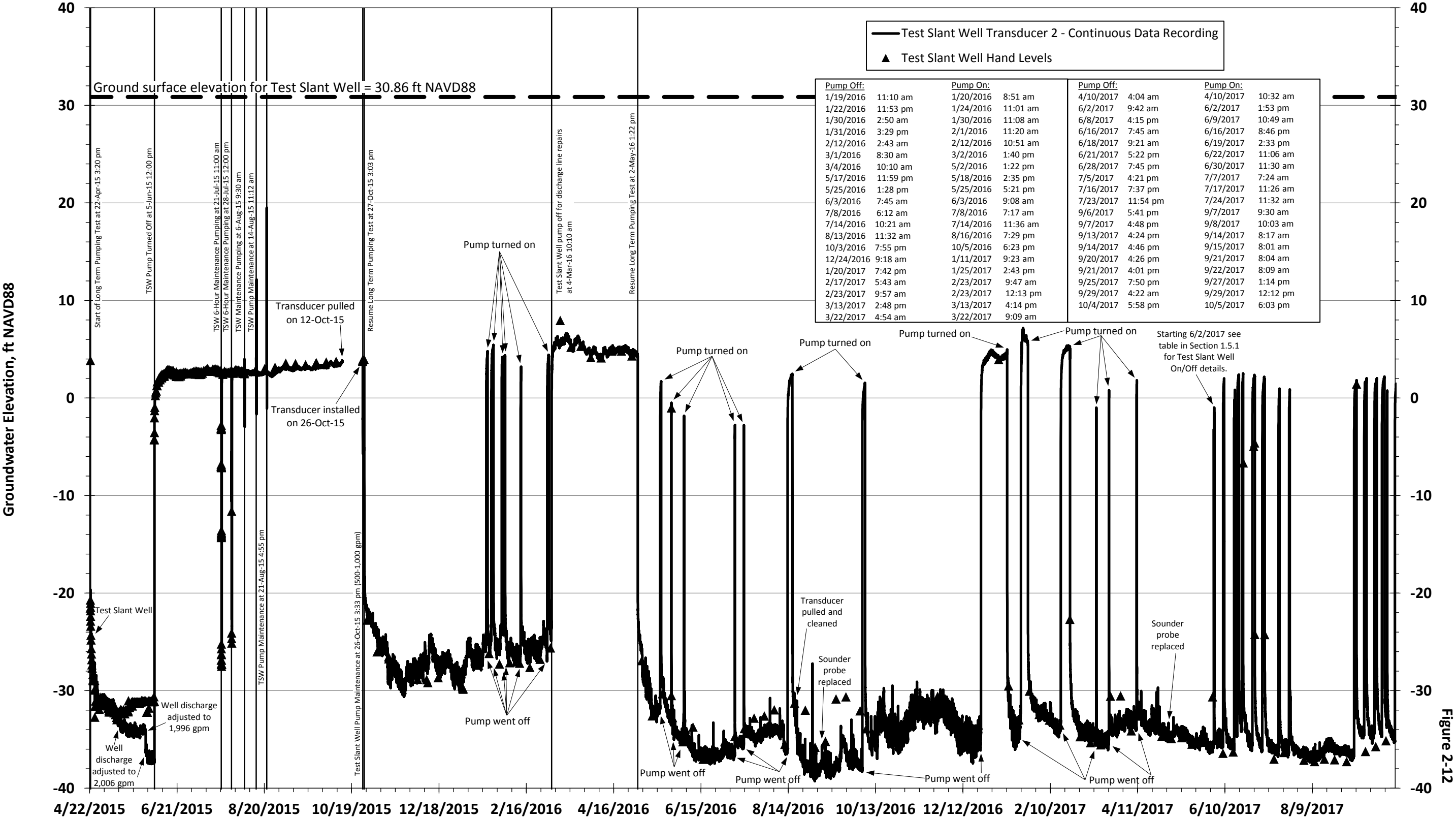


Figure 2-12

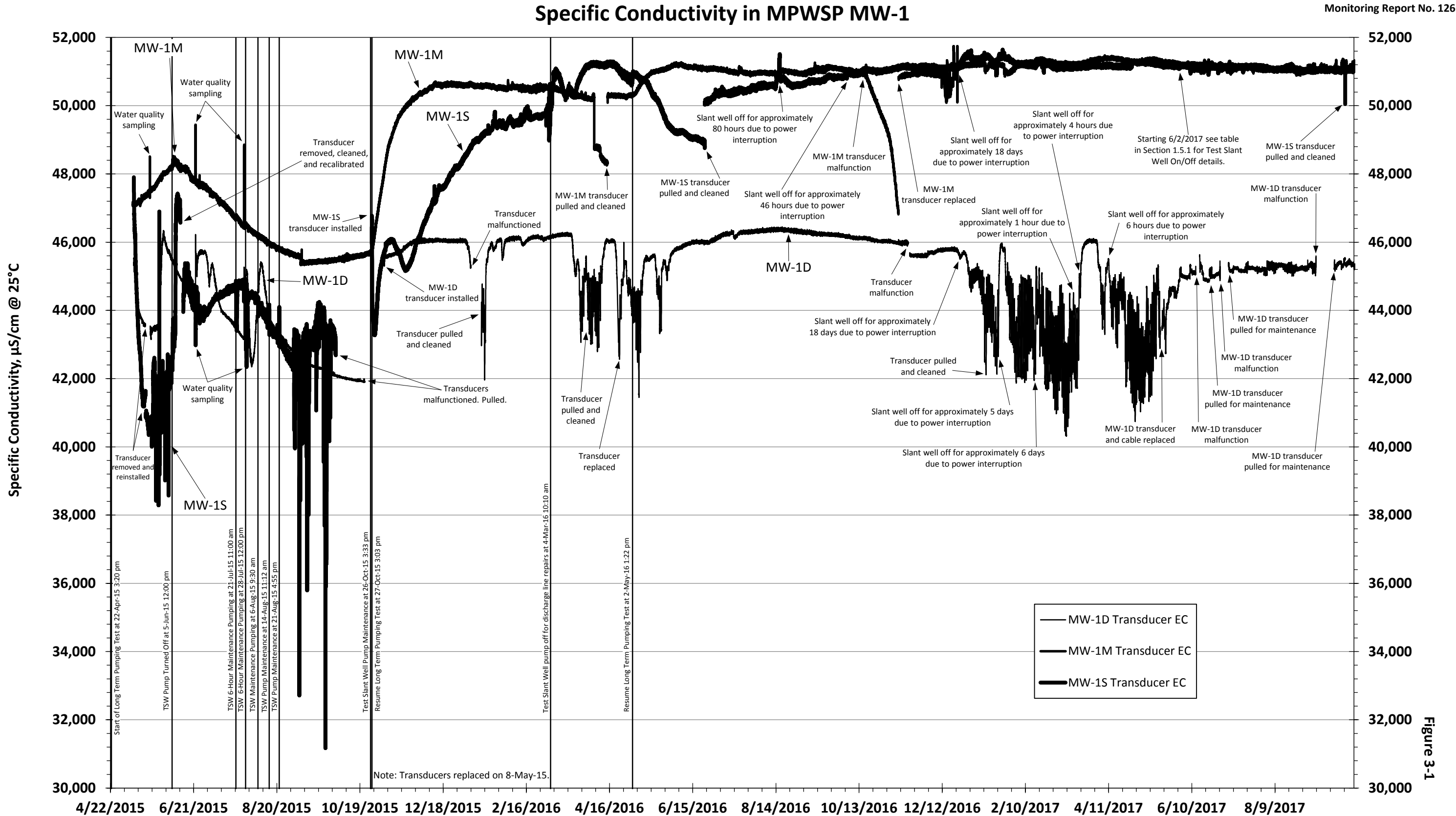


Figure 3-1

Specific Conductivity in MPWSP MW-3

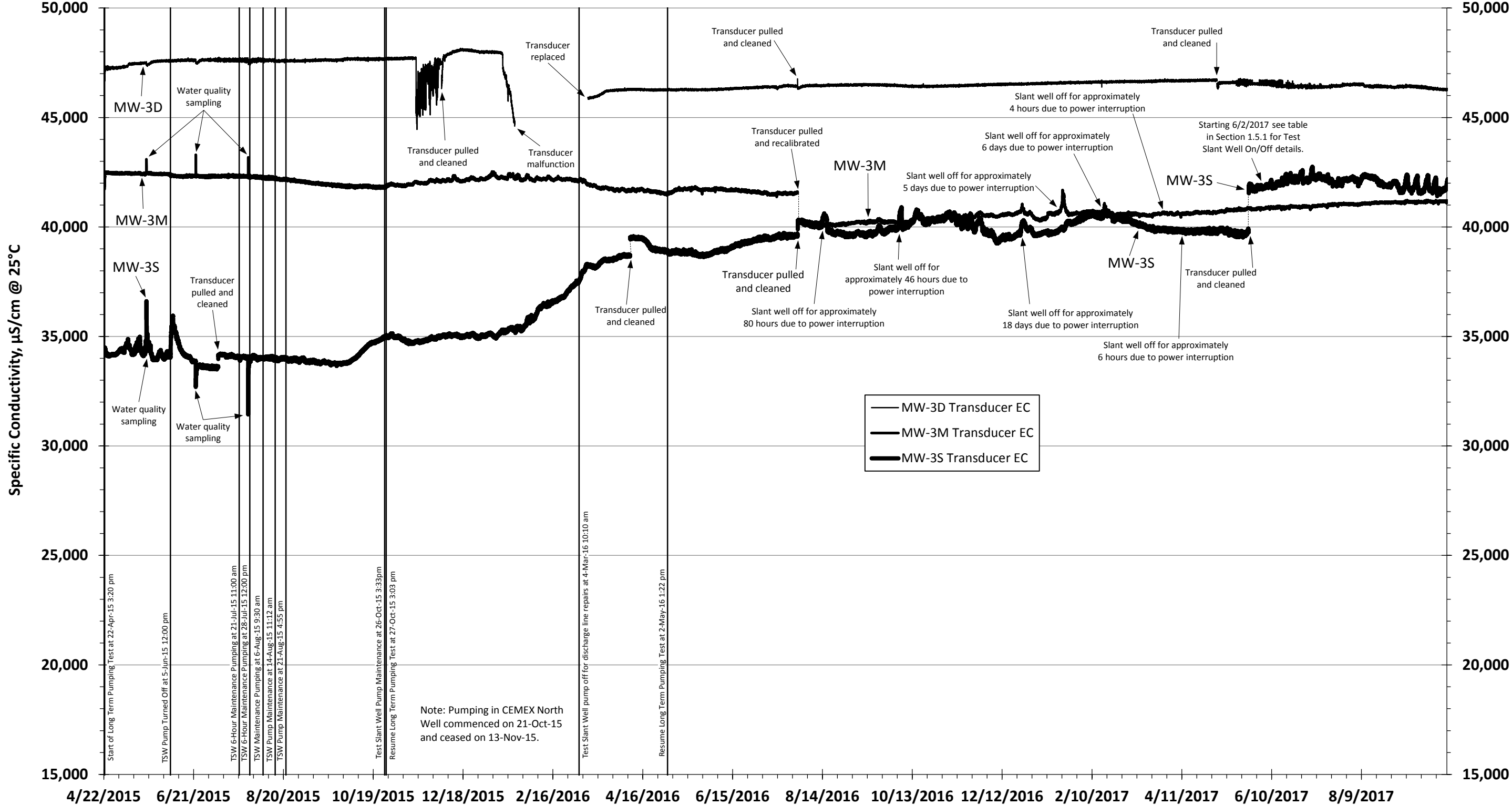


Figure 3-2

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

Specific Conductivity in MPWSP MW-5

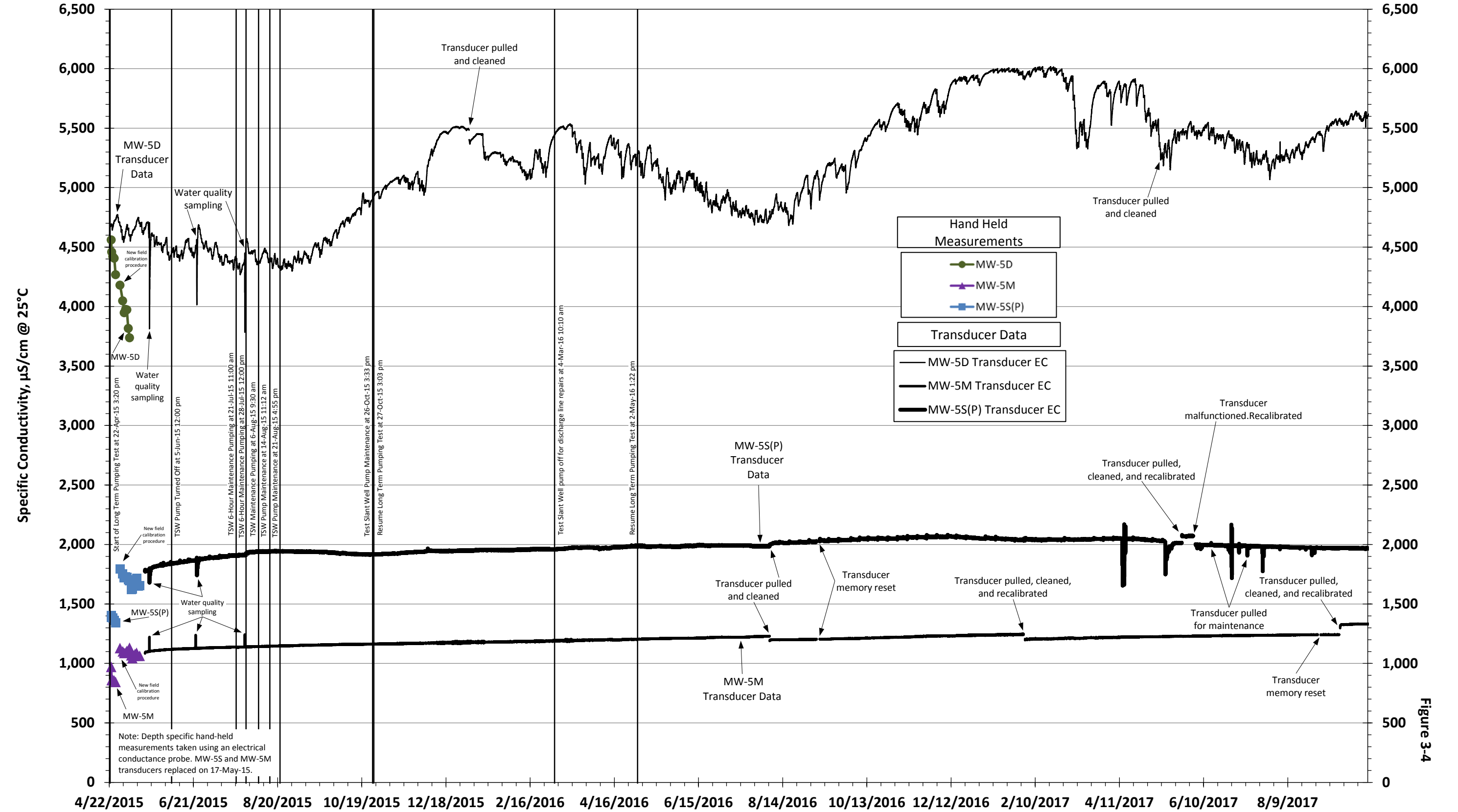


Figure 3-4

Specific Conductivity in MPWSP MW-6

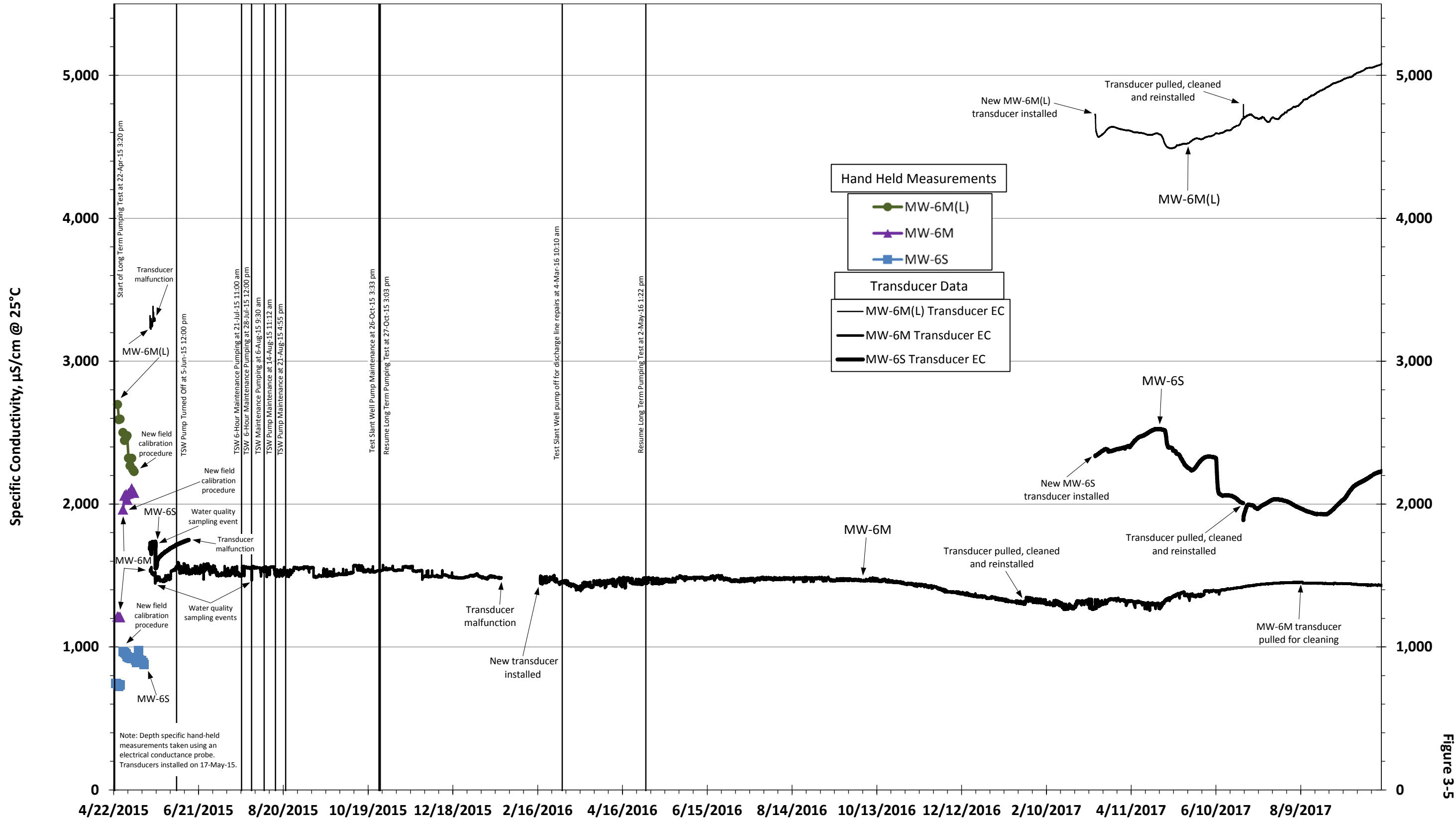
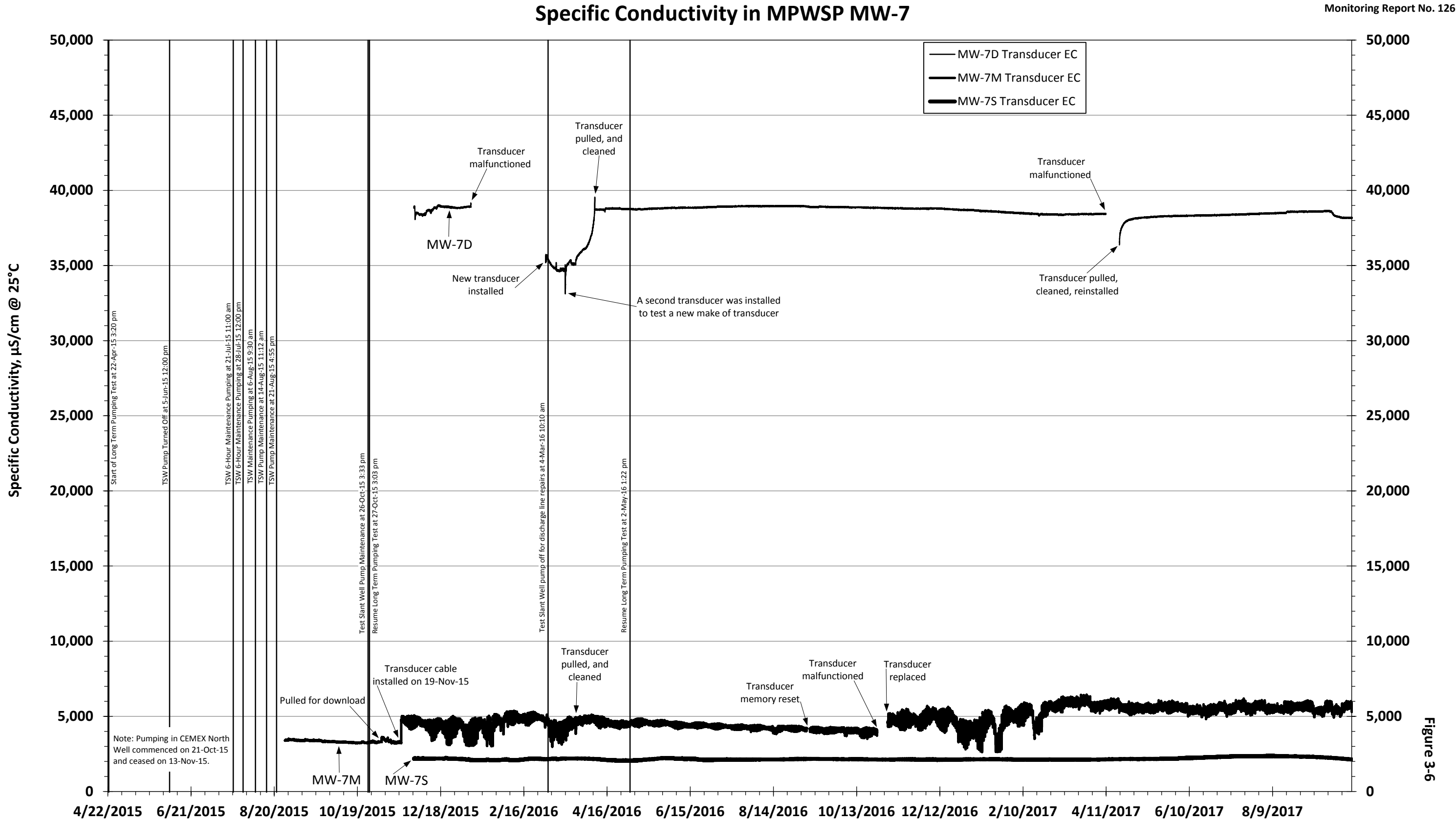


Figure 3-5



Specific Conductivity in MPWSP MW-8

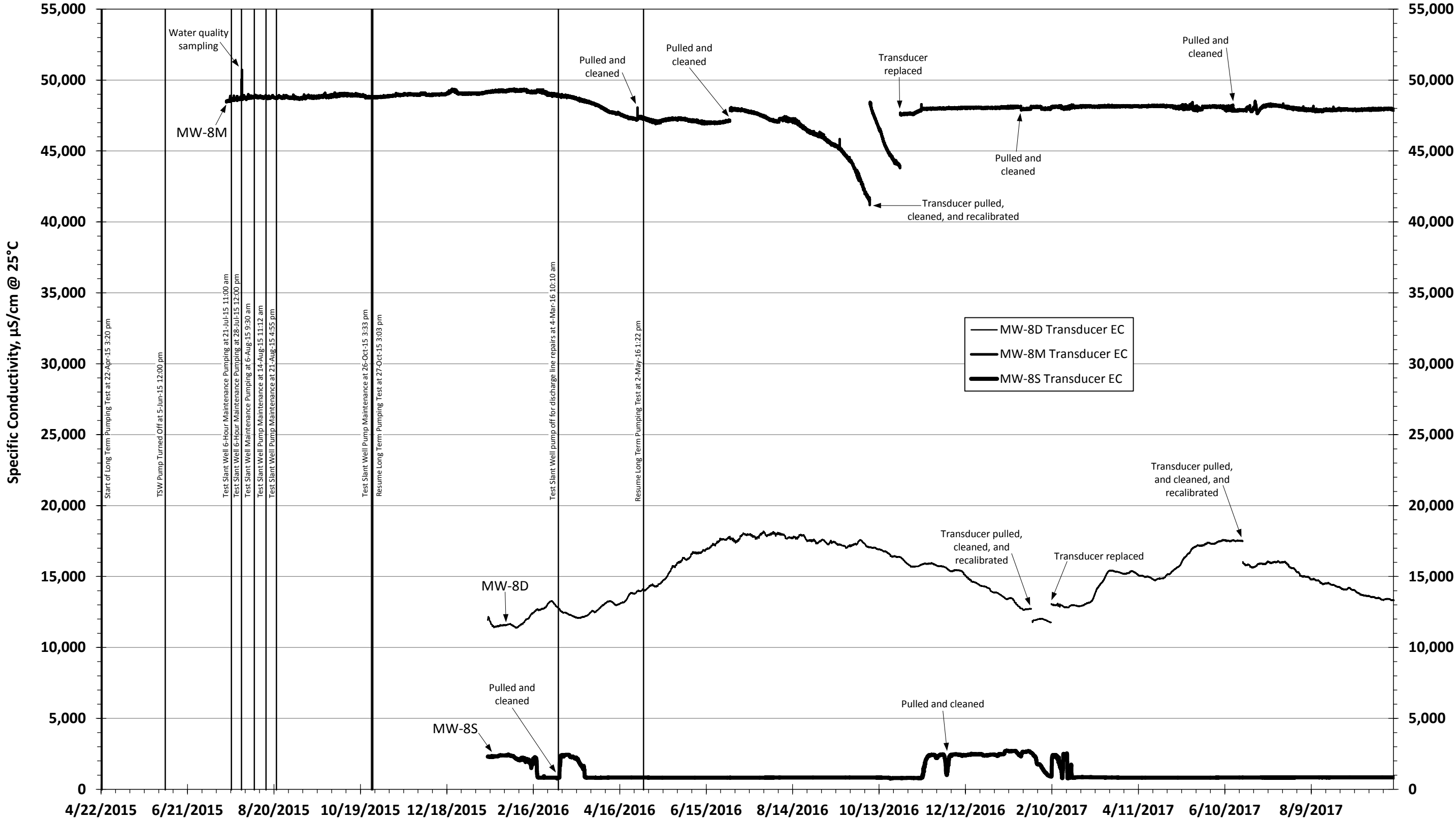


Figure 3-7

Specific Conductivity in MPWSP MW-9

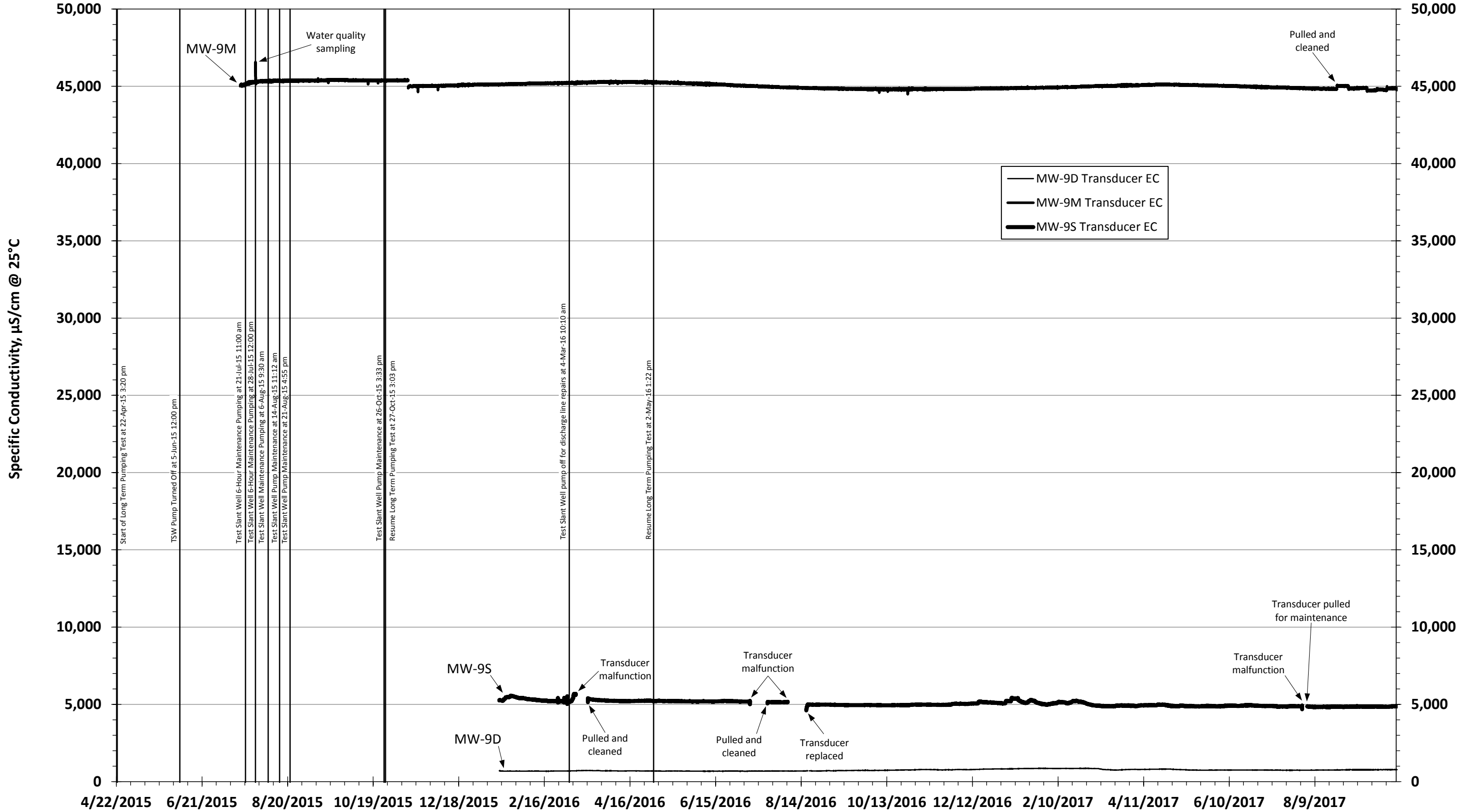


Figure 3-8

Specific Conductivity in Monterey Regional Water Pollution Control Agency Wells

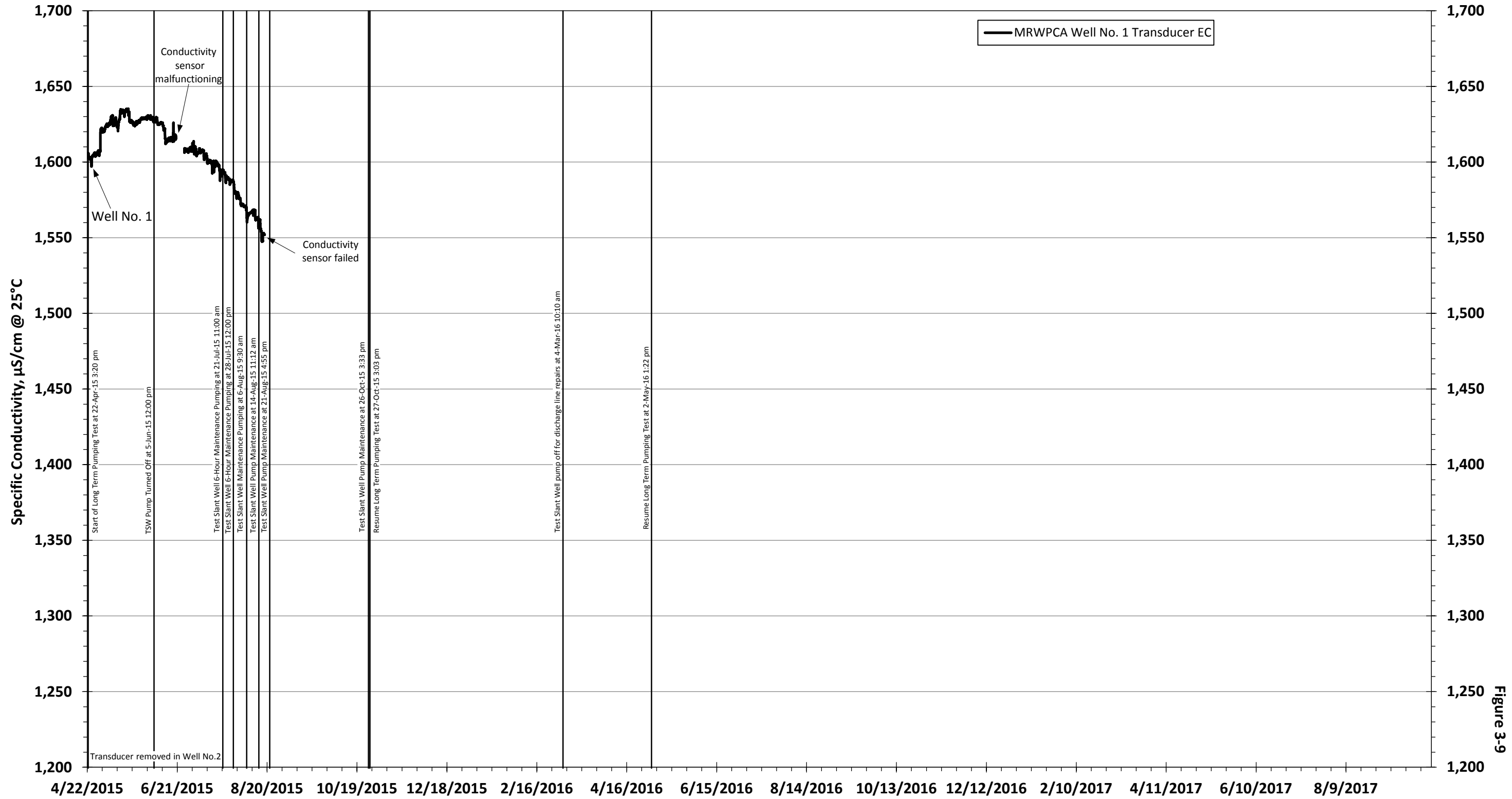


Figure 3-9

Surface Water Elevation in CEMEX Dredge Pond

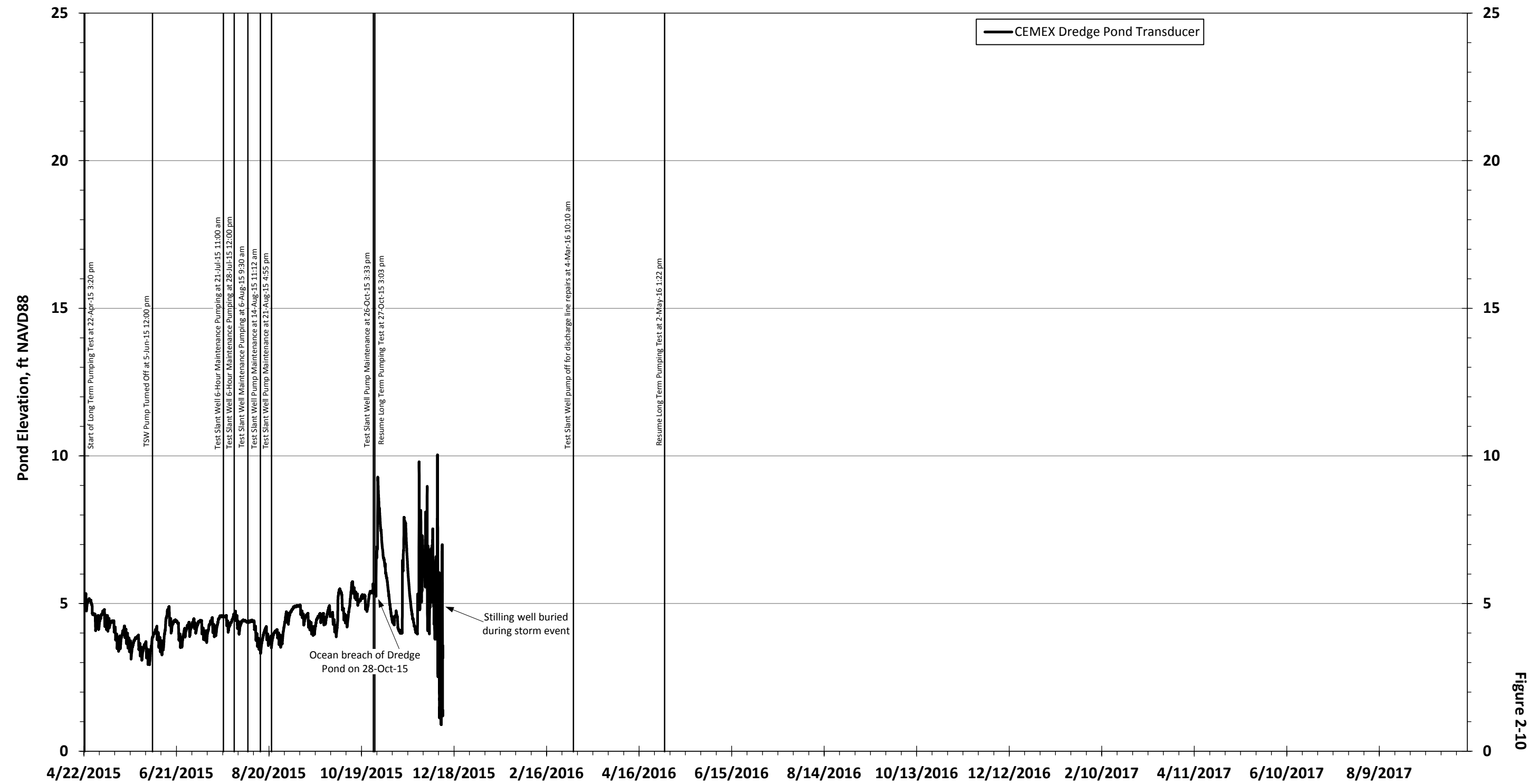


Figure 2-10

Specific Conductivity in CEMEX North Well

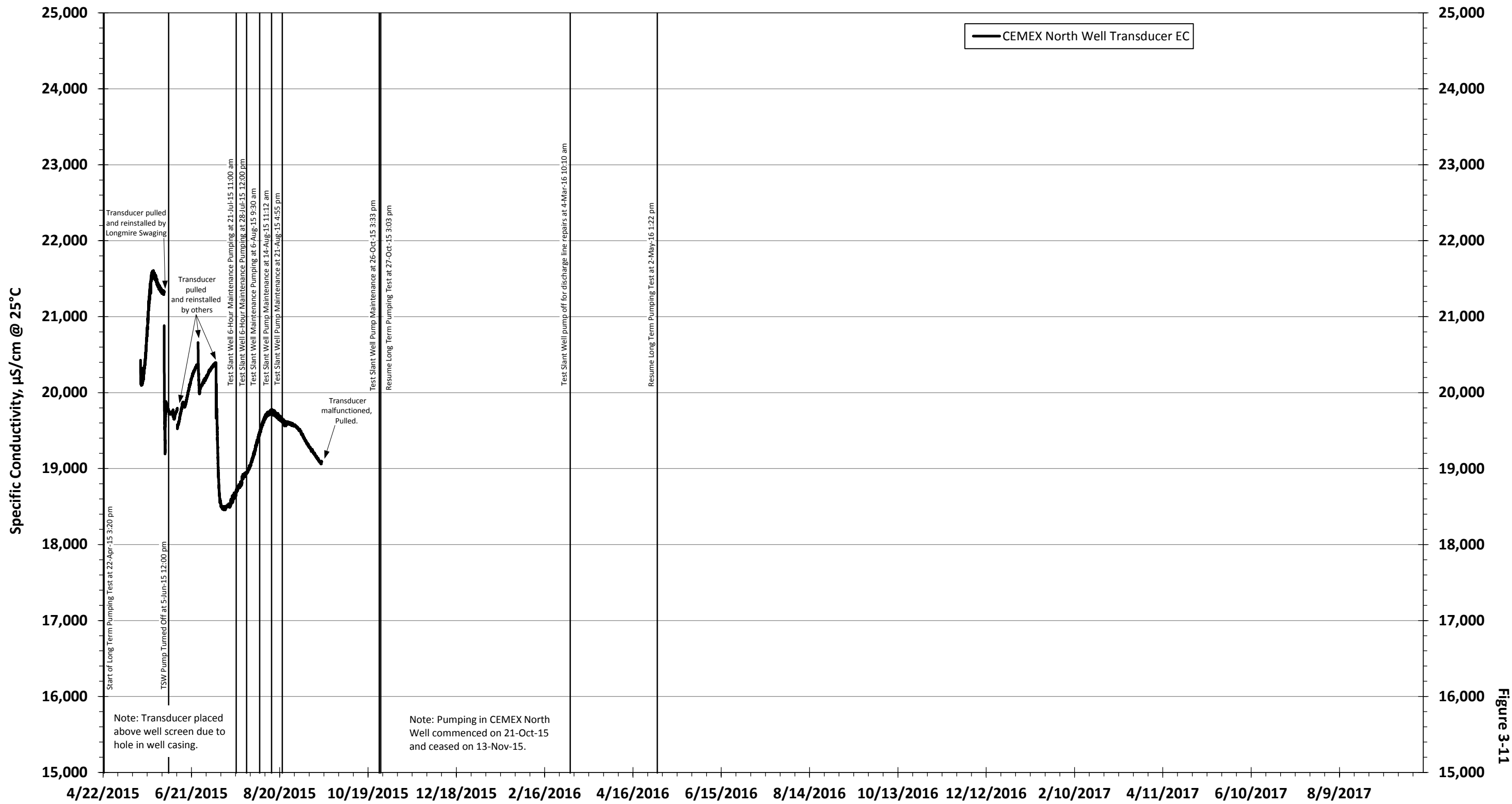


Figure 3-11

Specific Conductivity in MPWSP Test Slant Well

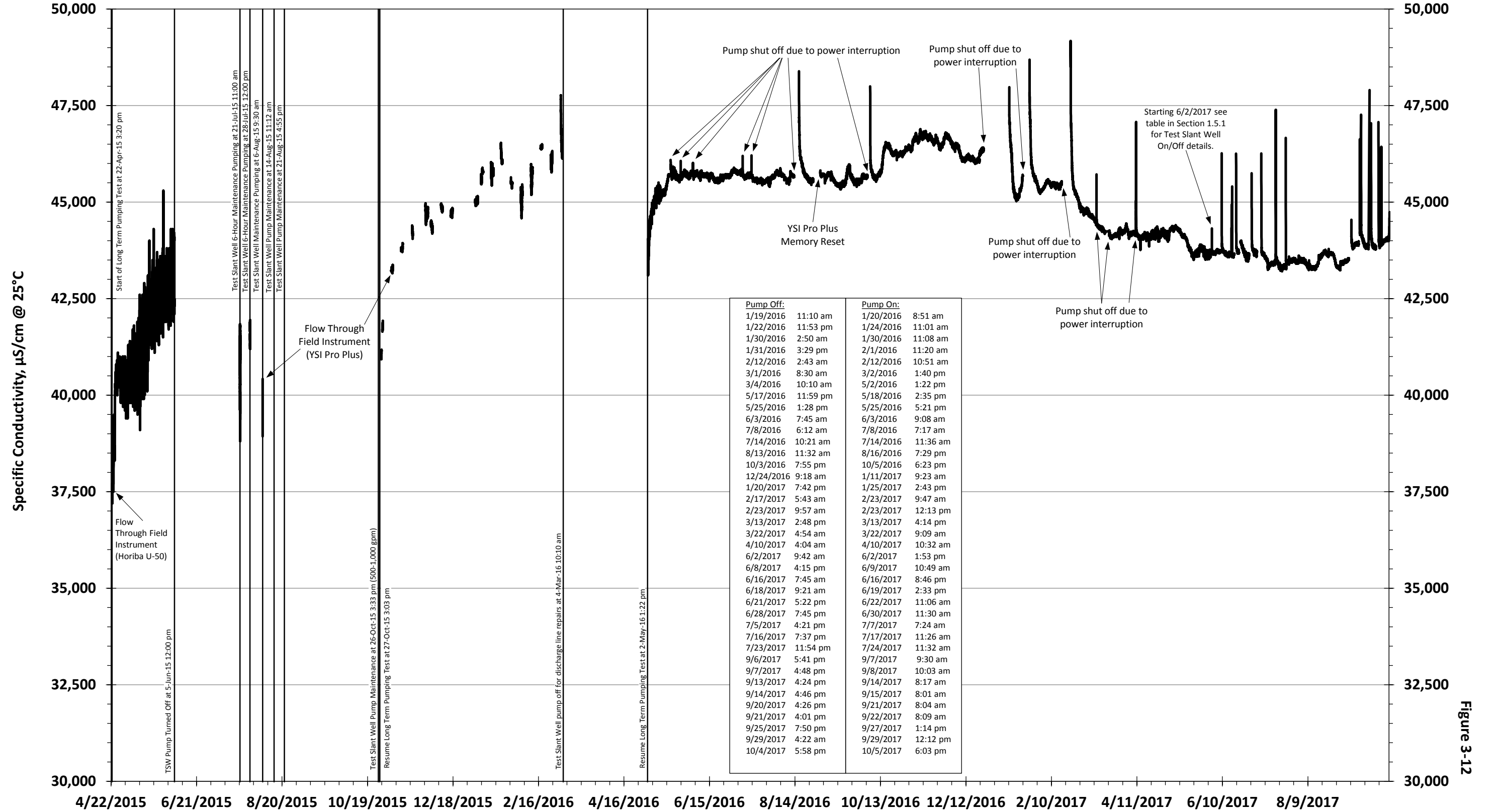


Figure 3-12

TABLES



Table 1: Well Information Table

State Plane Coordinates													
Well Name	Cluster	Reference Point (RP)	Northing	Easting	RP Elevation ft NAVD88	RP Height (ft above GS)	Distance of RP from Slant Well Head (ft)	Top of Screen Interval (ft below GS)	Bottom of Screen Interval (ft below GS)	Transducer Installed Depth (ft below RP)	Survey Date	Data Logging Start Date	Data Collected
MW-1S	MW-1	Top of ABS Transducer Mount	2,154,745.35	5,739,355.82	30.51 ¹	2.65 ¹	211	55	95	76	26-Mar-15	19-Feb-15	Level, Conductivity
MW-1M	MW-1	Top of ABS Transducer Mount	2,154,751.93	5,739,347.94	29.86	2.48	220	115	225	182	26-Mar-15	19-Feb-15	Level, Conductivity
MW-1D	MW-1	Top of ABS Transducer Mount	2,154,753.60	5,739,337.98	29.68 ¹	2.65 ¹	230	277	327	309	26-Mar-15	19-Feb-15	Level, Conductivity
MW-3S	MW-3	Top of ABS Transducer Mount	2,154,599.85	5,739,977.02	37.16	2.66	428	50	90	76	26-Mar-15	4-Mar-15	Level, Conductivity
MW-3M	MW-3	Top of ABS Transducer Mount	2,154,592.96	5,739,988.54	37.35	2.73	441	105	215	182	26-Mar-15	4-Mar-15	Level, Conductivity
MW-3D	MW-3	Top of ABS Transducer Mount	2,154,589.81	5,739,998.68	36.93	2.74	451	285	330	321	26-Mar-15	4-Mar-15	Level, Conductivity
MW-4S	MW-4	Top of ABS Transducer Mount	2,154,170.90	5,741,427.62	41.96	2.26	1,940	60	100	66	26-Mar-15	9-Mar-15	Level, Conductivity
MW-4M	MW-4	Top of ABS Transducer Mount	2,154,172.79	5,741,416.78	41.99	2.15	1,929	130	260	208	26-Mar-15	9-Mar-15	Level, Conductivity
MW-4D	MW-4	Top of ABS Transducer Mount	2,154,174.30	5,741,406.08	41.95	2.15	1,918	290	330	317	26-Mar-15	20-Feb-15	Level, Conductivity
MW-5S(P)	MW-5	Top of ABS Transducer Mount	2,156,239.19	5,748,566.86	80.25 ¹	2.20 ¹	9,135	43	83	71	26-Mar-15	10-Mar-15	Level, Conductivity
MW-5M	MW-5	Top of ABS Transducer Mount	2,156,230.38	5,748,564.26	80.48 ¹	2.31 ¹	9,131	100	310	171	26-Mar-15	10-Mar-15	Level, Conductivity
MW-5D	MW-5	Top of ABS Transducer Mount	2,156,220.77	5,748,560.95	80.06	1.97	9,126	395	435	417	26-Mar-15	19-Feb-15	Level, Conductivity
MW-6S	MW-6	Top of ABS Transducer Mount	2,141,142.87	5,756,164.01	35.89	2.45 ¹	21,436	30	60	54	1-Oct-15	22-Apr-15	Level, Conductivity
MW-6M	MW-6	Top of ABS Transducer Mount	2,141,138.40	5,756,154.35	35.68	2.44 ¹	21,431	150	210	184	1-Oct-15	22-Apr-15	Level, Conductivity
MW-6M(L)	MW-6	Top of ABS Transducer Mount	2,141,133.06	5,756,144.94	35.82	2.42 ¹	21,427	255	325	315	1-Oct-15	22-Apr-15	Level, Conductivity
MW-7S	MW-7	Top of ABS Transducer Mount	2,152,099.25	5,744,148.10	50.64	2.06	5,274	60	80	72	1-Oct-15	13-Aug-15	Level, Conductivity
MW-7M	MW-7	Top of ABS Transducer Mount	2,152,110.46	5,744,146.08	50.29	2.09	5,266	130	220	187	1-Oct-15	13-Aug-15	Level, Conductivity
MW-7D	MW-7	Top of ABS Transducer Mount	2,152,120.50	5,744,144.38	50.24	2.24	5,260	295	345	322	1-Oct-15	13-Aug-15	Level, Conductivity
MW-8S	MW-8	Top of ABS Transducer Mount	2,159,440.33	5,744,871.52	19.96	2.14 ³	7,116	40	80	61	1-Oct-15	30-May-15	Level, Conductivity
MW-8M	MW-8	Top of ABS Transducer Mount	2,159,430.86	5,744,866.05	19.99	2.17 ²	7,106	125	215	181	1-Oct-15	30-May-15	Level, Conductivity
MW-8D	MW-8	Top of ABS Transducer Mount	2,159,421.47	5,744,861.04	20.08	2.10 ³	7,096	300	350	326	1-Oct-15	30-May-15	Level, Conductivity
MW-9S	MW-9	Top of ABS Transducer Mount	2,162,010.77	5,747,345.03	18.42	2.16 ³	10,677	30	110	71	1-Oct-15	1-Jul-15	Level, Conductivity
MW-9M	MW-9	Top of ABS Transducer Mount	2,162,016.58	5,747,353.64	18.32	2.13 ²	10,687	145	225	182	1-Oct-15	29-Jun-15	Level, Conductivity
MW-9D	MW-9	Top of ABS Transducer Mount	2,162,022.89	5,747,362.25	18.32	2.15 ³	10,697	353	393	377	1-Oct-15	26-Jun-15	Level, Conductivity
Well No. 1 ⁴	MRWPCA	Well Cover	2,151,622.14	5,750,015.59	114 ft amsl (GS)	1.60	10,898	260	340	299	-	19-Feb-15	Level, Conductivity
Well No. 2 ⁴	MRWPCA	Well Cover	2,151,550.18	5,749,987.41	115 ft amsl (GS)	1.65	10,892	260	340	319	-	19-Feb-15	Level, Conductivity
CEMEX Dredge Pond	CEMEX	Top of ABS Transducer Mount	2,155,912.41	5,739,497.26	14.14	8.92 [*]	1,212	-	-	-	26-Mar-15	8-Mar-15	Level, Conductivity
Test Slant Well	CEMEX	Near Ground Surface	2,154,702.56	5,739,561.92	30.86	0	0	46 ^{**}	231 ^{**}	305MD	26-Mar-15	1-Apr-15	Level, Conductivity
CEMEX North Well	CEMEX	Well Cover	2,154,284.48	5,741,032.07	39.20	0.25	1,529	244	481	150	1-Oct-15	1-Apr-15	Level, Conductivity
CEMEX South Well ^d	CEMEX	Ground Surface	2,154,213.90	5,740,998.57	31 ft amsl (GS)	0	1,518	400	506	-	-	-	-

Horizontal Datum:	NAD83 State Plane Zone 4	¹ RP/elevation change on May 17, 2015 - New caps	MD: Measured Depth - lineal feet along the angle of the slant well
Vertical Datum:	NAVD88	² RP/elevation change on July 17, 2015 - New caps	GS: Ground Surface - approximate ground surface elevation based on Google Earth
* RP height above pond water level 5.22 ft NAVD88 (8-11 am 26-Mar-15)		³ RP/elevation change on September 24, 2015 - New caps	
** Top of 18 in. screen = 140 ft x Sin(19) = 46 ft TVD, Bottom of 14 in. screen = 710 x Sin(19) = 231 ft TVD		⁴ Estimated - not surveyed.	

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

Sample Collection Date:			8-Apr-15	29-Apr-15	6-May-15	13-May-15	20-May-15	27-May-15	3-Jun-15	28-Oct-15	12-Nov-15	19-Nov-15
Constituent	Method	Units	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
Alkalinity, Total (as CaCO3)	SM2320B	mg/L	117	-	121	120	121	118	124	-	-	117
Aluminum, Total	EPA 200.8	µg/L	ND	-	70	ND	ND	321	ND	-	-	ND
Ammonia-N, Dissolved	SM4500NH3 D & EPA 350.1	mg/L	ND	-	ND	ND	ND	ND	ND	ND	-	ND
Arsenic, Total ¹	EPA 200.8	µg/L	33	-	31	31	38	38	37	-	-	38
Arsenic, Total	EPA 1640	µg/L	-	-	-	-	-	-	-	-	-	-
Barium, Dissolved	EPA 200.8	µg/L	95	-	106	106	100	110	87	-	-	88
Bicarbonate (as HCO3-)	SM2320B	mg/L	143	-	148	146	148	144	151	-	-	143
Boron, Dissolved	EPA 200.7	mg/L	2.6	-	2.51	3.10	2.88	2.71	2.86	-	-	3.37
Bromide, Dissolved	EPA 300.0	mg/L	37.0	-	45	45	48.7	48	47.4	-	-	53.6
Calcium	EPA 200.7	mg/L	349	-	621	606	607	587	598	-	-	541
Calcium, Dissolved	EPA 200.7	mg/L	371	-	581	660	595	584	583	-	-	551
Carbamates by HPLC (EPA 531)	EPA 531	µg/L	ND	-	-	-	-	-	-	-	-	-
Carbonate as CaCO3	SM2320B	mg/L	ND	-	ND	ND	ND	ND	ND	-	-	ND
Chloride, Dissolved	EPA 300.0	mg/L	13,830	-	14,476	14,344	15,724	15,721	15,869	-	-	14,186
Chlorinated Pesticides and PCB (EPA 508)	EPA 508	µg/L	ND	-	-	-	-	-	-	-	-	-
Color, Apparent (Unfiltered)	SM2120B	Color Units	4	-	4	ND	ND	ND	ND	6	-	4
Copper	EPA 200.7	µg/L	-	-	-	-	-	ND	ND	-	-	ND
Copper, Total	EPA 200.8	µg/L	44	-	75	74	40	-	-	-	-	-
DBCP & EDB	EPA 504.1	µg/L	ND	-	-	-	-	-	-	-	-	-
Dioxin	EPA 1613	pg/L	ND	-	-	-	-	-	-	-	-	-
Diquat (EPA 549)	EPA 549	µg/L	ND	-	-	-	-	-	-	-	-	-
Dissolved Anions	Calculation	Meq/L	431.33	-	453.50	451.38	491.70	491.97	496.41	-	-	447.47
Total Anions	Calculation	Meq/L	431.33	-	453.50	451.38	491.70	491.97	496.41	-	-	447.47
Dissolved Cations	Calculation	Meq/L	455.09	-	435.45	479.03	508.91	458.32	460.38	-	-	494.88
Total Cations	Calculation	Meq/L	430.99	-	477.91	445.16	524.66	458.67	465.32	-	-	483.86
Fluoride, Dissolved	EPA 300.0	mg/L	0.2	-	0.7	ND	ND	0.7	ND	-	-	0.8
Hardness (as CaCO3)	SM2340B/Calc	mg/L	4,751	-	5,879	5,796	6,066	5,748	5,924	-	-	5,798
Hydroxide	SM2320B	mg/L	ND	-	ND	ND	ND	ND	ND	-	-	ND
Iodide	EPA 9056M	µg/L	ND	-	ND	ND	ND	ND	ND	-	-	ND
Iron	EPA 200.7	µg/L	69	-	99	ND	ND	ND	ND	-	-	ND
Iron, Dissolved	EPA 200.7	µg/L	65	-	ND	ND	ND	ND	ND	-	-	ND
Total Kjeldahl Nitrogen, Dissolved	SM4500-NH3 B,C,E & EPA 351	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 351.1	mg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Lead, Total	EPA 200.8	µg/L	ND	ND	4	ND	ND	5	ND	ND	ND	ND
Lithium	EPA 200.8	µg/L	154	164	166	153	149	145	164	159	177	132
Magnesium	EPA 200.7	mg/L	1,120	1,180	1,130	1,120	1,110	1,200	1,070	1,090	1,110	1,090
Magnesium, Dissolved	EPA 200.7	mg/L	1,120	1,170	1,180	1,120	1,120	1,180	1,040	1,100	1,110	1,090
Manganese, Dissolved	EPA 200.7	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Manganese, Total	EPA 200.7	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MBAS (Surfactants)	SM5540C	mg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Nitrate as 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
Constituent	Method	Units	Result	Result	Result
Alkalinity, Total (as CaCO3)	SM2320B	mg/L	114	115	114
Aluminum, Total	EPA 200.8	µg/L	ND	ND	ND
Ammonia-N, Dissolved	SM4500NH3 D & EPA 350.1	mg/L	ND	ND	ND
Arsenic, Total ¹	EPA 200.8	µg/L	-	-	-
Arsenic, Total	EPA 1640	µg/L	0.23	PENDING	PENDING
Barium, Dissolved	EPA 200.8	µg/L	ND	ND	ND
Bicarbonate (as HCO3-)	SM2320B	mg/L	139	140	139
Boron, Dissolved	EPA 200.7	mg/L	3.39	3.68	3.80
Bromide, Dissolved	EPA 300.0	mg/L	53.2	56.1	56.1
Calcium	EPA 200.7	mg/L	759	404	535
Calcium, Dissolved	EPA 200.7	mg/L	824	456	499
Carbamates by HPLC (EPA 531)	EPA 531	µg/L	-	-	-
Carbonate as CaCO3	SM2320B	mg/L	ND	ND	ND
Chloride, Dissolved	EPA 300.0	mg/L	16,661	16,432	16,200
Chlorinated Pesticides and PCB (EPA 508)	EPA 508	µg/L	-	-	-
Color, Apparent (Unfiltered)	SM2120B	Color Units	ND	ND	ND
Copper	EPA 200.7	µg/L	ND	ND	ND
Copper, Total	EPA 200.8	µg/L	-	-	-
DBCP & EDB	EPA 504.1	µg/L	-	-	-
Dioxin	EPA 1613	pg/L	-	-	-
Diquat (EPA 549)	EPA 549	µg/L	-	-	-
Dissolved Anions	Calculation	Meq/L	520.32	512.79	506.32
Total Anions	Calculation	Meq/L	520.32	512.79	506.32
Dissolved Cations	Calculation	Meq/L	497.84	515.38	516.67
Total Cations	Calculation	Meq/L	508.00	529.94	548.05
Fluoride, Dissolved	EPA 300.0	mg/L	0.6	0.5	0.6
Hardness (as CaCO3)	SM2340B/Calc	mg/L	6,200	5,750	6,210
Hydroxide	SM2320B	mg/L	ND	ND	ND
Iodide	EPA 9056M	µg/L	ND	PENDING	PENDING
Iron	EPA 200.7	µg/L	ND	ND	ND
Iron, Dissolved	EPA 200.7	µg/L	ND	ND	ND
Total Kjeldahl Nitrogen, Dissolved	SM4500-NH3 B,C,E & EPA 351	mg/L	ND	ND	ND
Lead, Total	EPA 200.8	µg/L	ND	ND	ND
Lithium	EPA 200.8	µg/L	214	226	170
Magnesium	EPA 200.7	mg/L	1,068	1,030	1,180
Magnesium, Dissolved	EPA 200.7	mg/L	1,024	918	1,120
Manganese, Dissolved	EPA 200.7	µg/L	ND	ND	ND
Manganese, Total	EPA 200.7	µg/L	ND	ND	ND
MBAS (Surfactants)	SM5540C	mg/L	ND	ND	ND
Nitrate as N	EPA 300.0	mg/L	1.2	1.3	1.6
Nitrate as NO3	EPA 300.0	mg/L	5	6	7
Nitrate+Nitrite as N	EPA 300.0	mg/L	1.2	1.3	1.6
Nitrite as NO2-N, Dissolved	EPA 300.0	mg/L	ND	ND	ND
Odor Threshold at 60 C	SM2150B	TON	1	1	2
o-Phosphate-P	Hach 8048 & EPA 365.1	mg/L	0.08	0.07	0.08
pH (Field Test)	SM4500-H+B	pH	7.00	7.01	7.17
pH (Laboratory)	SM4500-H+B	pH (H)	7.4	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
Potassium	EPA 200.7	mg/L	279	290	311
Potassium, Dissolved	EPA 200.7	mg/L	269	269	283
QC Ratio TDS/SEC	Calculation	-	0.67	0.68	0.68
Reg. Org. Compounds (EPA 525)	EPA 525	µg/L	-	-	-
Salinity	SM2520B	psu	28.2	28.2	28.4
Silica as SiO2, Dissolved	EPA 200.7	mg/L	14	12	10
Sodium	EPA 200.7	mg/L	8,623	9,600	9,570
Sodium, Dissolved	EPA 200.7	mg/L	8,404	9,430	9,020
Specific Conductance (E.C)	SM2510B	µmhos/cm	43,710	43,810	44,080
Specific Conductance (E.C) (Field)	SM2510B	µmhos/cm	43,261	43,510	43,920
Strontium, Dissolved	EPA 200.8	µg/L	6,822	7,060	6,510
Sulfate, Dissolved	EPA 300.0	mg/L	2,271	2,262	2,220
Temperature (Field)	SM2550	° C	15.9	16.0	16.1
Total Diss. Solids	SM2540C	mg/L	29,400	29,700	29,800
Turbidity	EPA 180.1	NTU	0.10	0.20	0.15
Turbidity (Field)	EPA 180.1	NTU	0.20	0.18	0.05
Volatile Org. Compounds (524)	EPA 524	µg/L	-	-	-
Zinc	EPA 200.7	µg/L	ND	ND	ND
Zinc, Total	EPA 200.8	µg/L	-	-	-
PCBs, Total	EPA 508	µg/L	-	-	-
Total PCB	EPA 1668C	pg/L	-	-	-

Notes:

°C = Degrees Celsius
CU = Color Units
Meq/L = Milliequivalents per Liter
mg/L = Milligrams per Liter
NTU = Nephelometric Turbidity Units
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", written over the printed name and title.

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

Acknowledgment:

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

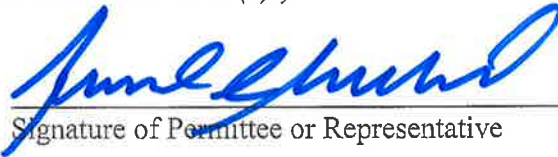
The undersigned permittee(s) acknowledges that Government Code Section 818.4, which states in pertinent part, that: "A public entity is not liable for injury caused by the issuance...of any permit..." applies to the issuance of this permit.

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

Date

10/13/15

Signature of Permittee or Representative



SPECIAL CONDITIONS

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

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

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

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

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

APPENDIX B
Groundwater Level and Salinity Instrument Data
27-September-17 - 4-October-17



Report Date:	10/9/2017 9:48		
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_Append_2017-10-05_15-02-22-388-BaroMerge.wsl		
Create Date	10/9/2017 9:46		
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
Used Memory	0		1 (Modbus-RTU)
Used Battery	4		
Log Configuration			
Log Name	MPWSP MW-1D LT Test		
Created By	WMassoll		
Computer Name	PROBOOK10		
Application	WinSitu.exe		
Application Version	5.6.27.1		
Create Date	5/19/2017 11:33:58 AM Pacific Daylight Time		
Log Setup Time Zone	Pacific Daylight Time		
Notes Size(bytes)	4096		
Overwrite when full	Enabled		
Scheduled Start Time	5/19/2017 12:00:00 PM Pacific Daylight Time		
Scheduled Stop Time	No Stop Time		
Type	Linear		
Interval	Days: 0 hrs: 00 mins: 15 secs: 00		
Level Reference Settings At Log Creation			
Level Measurement Mode	Depth		
Specific Gravity	1.024		
Other Log Settings			
Depth of Probe:	304.345 (ft)		
Head Pressure:	135.108 (PSI)		
Temperature:	19.2228 (C)		
Specific Conductivity Model:	Standard Methods		
Reference Temperature:	25		
Temperature Coefficient:	0.0191		
TDS Factor:	0.68		
Log Notes:			
Date and Time	Note		
5/19/2017 11:33 Used Battery: 4% Used Memory: 3% User Name: WMassoll			
5/25/2017 8:24 Log Download - Used Battery: 5% Used Memory: 3% User Name: AVanHaitsma Interval - Start Time: 5/17/2017 10:00:00 PM Stop Time: 5/25/2017 10:15:00 AM			
6/1/2017 12:01 Log Download - Used Battery: 5% Used Memory: 3% User Name: WMassoll Interval - Start Time: 5/19/2017 12:00:00 PM Stop Time: 6/1/2017 1:00:00 PM			
6/8/2017 16:37 Log Download - Used Battery: 5% Used Memory: 4% User Name: WMassoll Interval - Start Time: 5/31/2017 10:00:00 PM Stop Time: 6/8/2017 6:00:00 PM			
6/15/2017 16:34 Log Download - Used Battery: 6% Used Memory: 6% User Name: AVanHaitsma Interval - Start Time: 6/7/2017 10:00:00 PM Stop Time: 6/15/2017 5:30:00 PM			
6/22/2017 15:51 Log Download - Used Battery: 6% Used Memory: 6% User Name: AVanHaitsma Interval - Start Time: 6/14/2017 10:00:00 PM Stop Time: 6/22/2017 4:45:00 PM			
6/29/2017 11:36 Log Download - Used Battery: 7% Used Memory: 7% User Name: WMassoll Interval - Start Time: 6/21/2017 10:00:00 PM Stop Time: 6/29/2017 12:30:00 PM			
7/6/2017 12:10 Log Download - Used Battery: 7% Used Memory: 7% User Name: AVanHaitsma Interval - Start Time: 5/31/2017 10:00:00 PM Stop Time: 7/6/2017 1:00:00 PM			
7/13/2017 15:54 Log Download - Used Battery: 7% Used Memory: 9% User Name: WMassoll Interval - Start Time: 7/5/2017 10:00:00 PM Stop Time: 7/13/2017 4:45:00 PM			
7/20/2017 13:24 Log Download - Used Battery: 8% Used Memory: 9% User Name: WMassoll Interval - Start Time: 7/12/2017 10:00:00 PM Stop Time: 7/20/2017 2:15:00 PM			
7/27/2017 7:39 Log Download - Used Battery: 8% Used Memory: 10% User Name: AVanHaitsma Interval - Start Time: 7/19/2017 10:00:00 PM Stop Time: 7/27/2017 8:30:00 AM			
8/3/2017 7:57 Log Download - Used Battery: 9% Used Memory: 10% User Name: AVanHaitsma Interval - Start Time: 6/30/2017 10:00:00 PM Stop Time: 8/3/2017 8:45:00 AM			
8/10/2017 14:08 Log Download - Used Battery: 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			
10/9/2017 9:46 User Note: "Pressure & Level adjusted by baro data from: "MPWSP Barotroll_2017-10-05_19-08-59-078.wsl""			
Log Data:			
Record Count	3333		
Sensors			
	2		
	1		482723 PCTD 300 PSIA (200.7m/658.7ft)
	2		
	0 Baro-Adjustment Calc		
Time Zone: Pacific Daylight Time			
	Sensor: PCTD(A) 658.7ft		
	SNR: 482723		
	Sensor: PCTD(A) 658.7ft		
	SNR: 482723		
	Sensor: PCTD(A) 658.7ft		
	SNR: 482723		
	Sensor: PCTD(A) 658.7ft		
	SNR: 482723		
	Sensor: PCTD(A) 658.7ft		
	SNR: 482723		
	Sensor: PCTD(A) 658.7ft		
	SNR: 482723		
	Sensor: PCTD(A) 658.7ft		
	SNR: 482723		
	Sensor: PCTD(A) 658.7ft		
	SNR: 482723		
	Sensor: 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: 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: 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: 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: 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: 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: 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		
</			

9/29/2017 3:45	2439900	120.482	19.082	271.397	40222.996	45248.727	29.624	30.837	24.861	1.021	14.713
9/29/2017 4:00	2440800	120.51	19.082	271.46	40214.805	45339.414	29.617	30.831	24.866	1.021	14.712
9/29/2017 4:15	2441700	120.541	19.082	271.531	40195.344	45317.301	29.601	30.816	24.879	1.021	14.716
9/29/2017 4:30	2442600	120.535	19.083	271.516	40234.152	45360.875	29.633	30.845	24.855	1.021	14.717
9/29/2017 4:45	2443500	120.585	19.082	271.63	40184.621	45305.211	29.592	30.808	24.885	1.021	14.712
9/29/2017 5:00	2444400	120.606	19.083	271.676	40213.48	45337.406	29.616	30.829	24.867	1.021	14.711
9/29/2017 5:15	2445300	120.633	19.084	271.737	40215.77	45338.355	29.617	30.83	24.866	1.021	14.711
9/29/2017 5:30	2446200	120.659	19.085	271.795	40208.508	45329.922	29.61	30.824	24.87	1.021	14.713
9/29/2017 5:45	2447100	120.699	19.085	271.885	40219.82	45342.43	29.619	30.833	24.863	1.021	14.709
9/29/2017 6:00	2448000	120.709	19.085	271.909	40197.766	45317.395	29.601	30.816	24.877	1.021	14.715
9/29/2017 6:15	2448900	120.731	19.085	271.959	40235.527	45360.219	29.632	30.845	24.854	1.021	14.718
9/29/2017 6:30	2449800	120.741	19.085	271.981	40213.949	45336.23	29.615	30.829	24.867	1.021	14.718
9/29/2017 6:45	2450700	120.762	19.085	272.028	40196.598	45316.754	29.615	30.815	24.874	1.021	14.714
9/29/2017 7:00	2451600	120.775	19.084	272.058	40180.246	45299.086	29.588	30.803	24.888	1.021	14.717
9/29/2017 7:15	2452500	120.777	19.084	272.062	40208.953	45331.363	29.611	30.825	24.87	1.021	14.715
9/29/2017 7:30	2453400	120.817	19.084	272.153	40195.488	45316.359	29.6	30.815	24.878	1.021	14.709
9/29/2017 7:45	2454300	120.795	19.083	272.103	40179.645	45298.75	29.588	30.803	24.888	1.021	14.727
9/29/2017 8:00	2455200	120.806	19.082	272.128	40201.262	45323.973	29.606	30.82	24.875	1.021	14.727
9/29/2017 8:15	2456100	120.806	19.083	272.127	40160.418	45277.464	29.572	30.789	24.9	1.021	14.731
9/29/2017 8:30	2457000	120.8	19.083	272.113	40200.527	45322.887	29.605	30.82	24.875	1.021	14.73
9/29/2017 8:45	2457900	120.799	19.082	272.111	40198	45320.727	29.604	30.818	24.877	1.021	14.735
9/29/2017 9:00	2458800	120.798	19.082	272.109	40156.371	45273.793	29.569	30.786	24.903	1.021	14.729
9/29/2017 9:15	2459700	120.786	19.081	272.083	40199.102	45322.734	29.605	30.819	24.876	1.021	14.73
9/29/2017 9:30	2460600	120.778	19.082	272.064	40216.574	45342.168	29.619	30.833	24.865	1.021	14.731
9/29/2017 9:45	2461500	120.776	19.081	272.06	40211.484	45337.188	29.615	30.829	24.869	1.021	14.729
9/29/2017 10:00	2462400	120.77	19.081	272.046	40195.121	45318.25	29.602	30.816	24.879	1.021	14.724
9/29/2017 10:15	2463300	120.754	19.081	272.011	40192.434	45315.805	29.6	30.815	24.88	1.021	14.725
9/29/2017 10:30	2464200	120.737	19.081	271.973	40212.434	45338.258	29.616	30.83	24.868	1.021	14.72
9/29/2017 10:45	2465100	120.726	19.08	271.946	40199.469	45324.254	29.606	30.82	24.876	1.021	14.732
9/29/2017 11:00	2466000	120.721	19.08	271.937	40194.746	45318.668	29.602	30.817	24.879	1.021	14.737
9/29/2017 11:15	2466900	120.716	19.08	271.924	40194.59	45318.66	29.602	30.817	24.879	1.021	14.731
9/29/2017 11:30	2467800	120.702	19.08	271.892	40216.129	45342.773	29.62	30.833	24.866	1.021	14.733
9/29/2017 11:45	2468700	120.693	19.08	271.873	40186.035	45309.695	29.595	30.811	24.884	1.021	14.733
9/29/2017 12:00	2469600	120.677	19.08	271.837	40194.738	45318.918	29.602	30.817	24.879	1.021	14.734
9/29/2017 12:15	2470500	120.697	19.08	271.881	40199.613	45324.234	29.606	30.82	24.876	1.021	14.737
9/29/2017 12:30	2471400	120.694	19.082	271.876	40182.461	45303.285	29.591	30.806	24.886	1.021	14.723
9/29/2017 12:45	2472300	120.690	19.082	271.887	40202.1012	45336.77	29.615	30.829	24.868	1.021	14.726
9/29/2017 13:00	2473200	120.686	19.082	271.856	40180.453	45301.02	29.589	30.805	24.888	1.021	14.725
9/29/2017 13:15	2474100	120.692	19.082	271.871	40206.344	45330.211	29.61	30.825	24.872	1.021	14.721
9/29/2017 13:30	2475000	120.692	19.082	271.87	40215.461	45340.488	29.618	30.832	24.866	1.021	14.729
9/29/2017 13:45	2475900	120.701	19.082	271.89	40198.133	45320.617	29.603	30.818	24.877	1.021	14.724
9/29/2017 14:00	2476800	120.701	19.083	271.891	40207.914	45331.211	29.611	30.825	24.871	1.021	14.733
9/29/2017 14:15	2477700	120.705	19.082	271.9	40210.066	45333.559	29.62	30.827	24.869	1.021	14.727
9/29/2017 14:30	2478600	120.727	19.083	271.949	40232.16	45357.957	29.631	30.843	24.856	1.021	14.729
9/29/2017 14:45	2479500	120.744	19.084	271.988	40220.176	45344.27	29.621	30.834	24.863	1.021	14.726
9/29/2017 15:00	2480400	120.748	19.083	271.997	40239.266	45365.969	29.637	30.849	24.851	1.021	14.724
9/29/2017 15:15	2481300	120.772	19.084	272.052	40226.617	45350.859	29.626	30.839	24.859	1.021	14.72
9/29/2017 15:30	2482200	120.8	19.084	272.115	40229.816	45354.633	29.628	30.841	24.857	1.021	14.721
9/29/2017 15:45	2483100	120.796	19.08	272.12	40202.23	45323.27	29.606	30.82	24.874	1.021	14.718
9/29/2017 16:00	2484000	120.838	19.08	272.12	40219.797	45342.738	29.62	30.833	24.863	1.021	14.716
9/29/2017 16:15	2484900	120.846	19.085	272.218	40234.887	45359.496	29.632	30.844	24.854	1.021	14.713
9/29/2017 16:30	2485800	120.867	19.085	272.266	40221.242	45344.031	29.621	30.834	24.862	1.021	14.711
9/29/2017 16:45	2486700	120.885	19.085	272.305	40240.359	45365.586	29.636	30.849	24.851	1.021	14.715
9/29/2017 17:00	2487600	120.884	19.085	272.302	40215.293	45337.742	29.616	30.83	24.866	1.021	14.717
9/29/2017 17:15	2488500	120.913	19.085	272.369	40244.152	45369.762	29.639	30.851	24.848	1.021	14.707
9/29/2017 17:30	2489400	120.908	19.086	272.356	40235.688	45359.805	29.632	30.845	24.854	1.021	14.713
9/29/2017 17:45	2490300	120.935	19.085	272.417	40222.828	45345.387	29.622	30.835	24.862	1.021	14.709
9/29/2017 18:00	2491200	120.939	19.085	272.428	40223.73	45346.406	29.622	30.836	24.861	1.021	14.707
9/29/2017 18:15	2492100	120.938	19.086	272.424	40243.105	45368.164	29.638	30.85	24.849	1.021	14.712
9/29/2017 18:30	2493000	120.954	19.086	272.461	40273.016	45401.887	29.663	30.873	24.831	1.021	14.702
9/29/2017 18:45	2493900	120.943	19.085	272.436	40272.094	45401.359	29.662	30.873	24.831	1.021	14.713
9/29/2017 19:00	2494800	120.96	19.085	272.452	40232.82	45357.542	29.63	30.843	24.855	1.021	14.705
9/29/2017 19:15	2495700	120.935	19.085	272.417	40259.434	45387.172	29.652	30.863	24.839	1.021	14.709
9/29/2017 19:30	2496600	120.914	19.084	272.37	40258.512	45386.719	29.652	30.863	24.839	1.021	14.71
9/29/2017 19:45	2497500	120.907	19.084	272.354	40254.77	45383.016	29.649	30.86	24.842	1.021	14.711
9/29/2017 20:00	2498400	120.893	19.083	272.323	40272.176	45402.98	29.663	30.874	24.831	1.021	14.709
9/29/2017 20:15	2499300	120.876	19.083	272.285	40291.801	45425.789	29.68	30.89	24.819	1.021	14.715
9/29/2017 20:30	2500200	120.87	19.083	272.213	40260.801	45391.186	29.665	30.866	24.838	1.021	14.716
9/29/2017 20:45	2501100	120.817	19.081	272.151	40254.582	45385.109	29.65	30.862	24.842	1.021	14.713
9/29/2017 21:00	2502000	120.79	19.081	272.091	40274.512	45407.832	29.667	30.877	24.83	1.021	14.713
9/29/2017 21:15	2502900	120.756	19.081	272.015	40230.883	45358.723	29.631	30.844	24.857	1.021	14.72
9/29/2017 21:30	2503800	120.708	19.08	271.906	40261.551	45394.504	29.657	30.868	24.838	1.021	14.727
9/29/2017 21:45	2504700	120.692	19.08	271.871	40267.492	45401.109	29.662	30.873	24.834	1.021	14.722
9/29/2017 22:00	2505600	120.653	19.079	271.782	40262.262	45356.658	29.63	30.859	24.859	1.021	14.725
9/29/2017 22:15	2506500	120.62	19.079	271.707	40228.418	45357.992	29.631	30.843	24.858	1.021	14.724
9/29/2017 22:30	2507400	120.578	19.079	271.614	40246.844	45379.105	29.646	30.858	24.847	1.021	14.724
9/29/2017 22:45	2508300	120.541	19.078	271.531	40245.973	45378.734	29.646	30.858	24.847	1.021	14.728
9/29/2017 23:00	2509200	120.512	19.078	271.466	40225.152	45355.414	29.629	30.842	24.86	1.021	14.723
9/29/2017 23:15	2510100	120.48	19.077	271.394	40241.941	45375.293	29.643	30.855	24.85	1.021	14.716
9/29/2017 23:30	2511000	120.47	19.077	271.321	40237.324	45370.2	29.629	30.852	24.853	1.021	14.725
9/29/2017 23:45	2511900	120.398	19.077	271.209	40199.441	45327.027	29.608	30.822	24.876	1.021	14.726
9/30/2017 0:00	2512800	120.383	19.077	271.174	40242.227	4					

10/1/2017 8:30	2629800	120.786	19.096	272.083	40313.051	45436.438	29.688	30.897	24.806	1.021	14.713
10/1/2017 8:45	2630700	120.782	19.096	272.074	40293.305	45414.695	29.673	30.882	24.818	1.021	14.711
10/1/2017 9:00	2631600	120.798	19.095	272.108	40295.859	45418.254	29.675	30.884	24.816	1.021	14.703
10/1/2017 9:15	2632500	120.8	19.095	272.114	40311.664	45436.402	29.688	30.897	24.807	1.021	14.705
10/1/2017 9:30	2633400	120.791	19.094	272.093	40321.07	45448.035	29.697	30.905	24.801	1.021	14.705
10/1/2017 9:45	2634300	120.785	19.093	272.079	40291.395	45415.355	29.673	30.882	24.819	1.021	14.707
10/1/2017 10:00	2635200	120.783	19.092	40309.454	45436.555		29.688	30.895	24.808	1.021	14.707
10/1/2017 10:15	2636100	120.772	19.091	272.051	40316.227	45444.801	29.694	30.902	24.804	1.021	14.7
10/1/2017 10:30	2637000	120.762	19.091	272.028	40324.641	45454.449	29.701	30.909	24.799	1.021	14.703
10/1/2017 10:45	2637900	120.742	19.09	271.983	40325.023	45455.992	29.702	30.91	24.798	1.021	14.702
10/1/2017 11:00	2638800	120.734	19.09	271.965	40277.918	45403.496	29.664	30.874	24.827	1.021	14.695
10/1/2017 11:15	2639700	120.709	19.089	271.908	40289.281	45417.328	29.674	30.884	24.82	1.021	14.691
10/1/2017 11:30	2640600	120.691	19.088	271.869	40294	45434.43	29.687	30.895	24.811	1.021	14.695
10/1/2017 11:45	2641500	120.672	19.087	271.826	40276.535	45404.148	29.664	30.875	24.828	1.021	14.693
10/1/2017 12:00	2642400	120.639	19.087	271.751	40297.859	45428.691	29.682	30.892	24.815	1.021	14.695
10/1/2017 12:15	2643300	120.621	19.086	271.712	40300.711	45432.758	29.685	30.894	24.813	1.021	14.695
10/1/2017 12:30	2644200	120.608	19.086	271.682	40296.797	45428.695	29.682	30.892	24.816	1.021	14.694
10/1/2017 12:45	2645100	120.57	19.085	271.596	40296.188	45428.426	29.682	30.891	24.816	1.021	14.692
10/1/2017 13:00	2646000	120.559	19.084	271.57	40314.68	45450.043	29.698	30.906	24.805	1.021	14.69
10/1/2017 13:15	2646900	120.529	19.084	271.504	40296.938	45430.039	29.683	30.892	24.816	1.021	14.69
10/1/2017 13:30	2647800	120.527	19.084	271.499	40314.406	45449.914	29.698	30.906	24.805	1.021	14.681
10/1/2017 13:45	2648700	120.524	19.084	271.493	40316.25	45452.508	29.699	30.908	24.804	1.021	14.681
10/1/2017 14:00	2649600	120.507	19.084	271.455	40313.91	45449.867	29.698	30.906	24.805	1.021	14.679
10/1/2017 14:15	2650500	120.504	19.085	271.446	40368.574	45510.637	29.742	30.947	24.772	1.021	14.673
10/1/2017 14:30	2651400	120.503	19.085	271.446	40268.129	45396.719	29.659	30.87	24.834	1.021	14.673
10/1/2017 14:45	2652300	120.513	19.086	271.468	40309.82	45443.027	29.693	30.901	24.808	1.021	14.67
10/1/2017 15:00	2653200	120.528	19.087	271.501	40296.105	45426.543	29.681	30.89	24.816	1.021	14.666
10/1/2017 15:15	2654100	120.534	19.088	271.515	40271.547	45397.418	29.66	30.87	24.831	1.021	14.655
10/1/2017 15:30	2655000	120.528	19.09	271.502	40295.75	45423.336	29.679	30.888	24.817	1.021	14.659
10/1/2017 15:45	2655900	120.557	19.09	271.566	40311.449	45440.52	29.691	30.9	24.807	1.021	14.658
10/1/2017 16:00	2656800	120.585	19.093	271.629	40299.313	45412.828	29.671	30.881	24.82	1.021	14.65
10/1/2017 16:15	2657700	120.599	19.093	271.661	40309.094	45434.879	29.687	30.896	24.808	1.021	14.652
10/1/2017 16:30	2658600	120.621	19.096	271.71	40290.168	45411.41	29.67	30.88	24.82	1.021	14.651
10/1/2017 16:45	2659500	120.636	19.097	271.744	40327	45451.91	29.7	30.907	24.797	1.021	14.656
10/1/2017 17:00	2660400	120.676	19.097	271.835	40329.289	45454.23	29.701	30.909	24.796	1.021	14.649
10/1/2017 17:15	2661300	120.699	19.099	271.886	40333.168	45456.973	29.703	30.911	24.793	1.021	14.646
10/1/2017 17:30	2662200	120.738	19.098	271.974	40304.391	45404.793	29.68	30.889	24.811	1.021	14.648
10/1/2017 17:45	2663100	120.752	19.101	272.006	40309.25	45427.801	29.682	30.891	24.808	1.021	14.642
10/1/2017 18:00	2664000	120.788	19.101	272.087	40348.434	45471.625	29.714	30.921	24.784	1.021	14.644
10/1/2017 18:15	2664900	120.82	19.103	272.159	40301.652	45417.195	29.675	30.884	24.813	1.021	14.647
10/1/2017 18:30	2665800	120.851	19.102	272.228	40335.484	45455.918	29.703	30.91	24.792	1.021	14.645
10/1/2017 18:45	2666700	120.886	19.102	272.308	40302.051	45418.242	29.675	30.884	24.813	1.021	14.644
10/1/2017 19:00	2667600	120.914	19.102	272.314	40309.7184	45446.219	29.696	30.903	24.797	1.021	14.643
10/1/2017 19:15	2668500	120.915	19.102	272.373	40287.629	45402.332	29.664	30.874	24.822	1.021	14.653
10/1/2017 19:30	2669400	120.915	19.1	272.373	40315.379	45435.488	29.688	30.896	24.804	1.021	14.655
10/1/2017 19:45	2670300	120.931	19.099	272.409	40324.316	45446.23	29.696	30.903	24.799	1.021	14.647
10/1/2017 20:00	2671200	120.948	19.1	272.447	40324.172	45445.215	29.695	30.903	24.799	1.021	14.646
10/1/2017 20:15	2672100	120.95	19.097	272.452	40283.238	45401.82	29.663	30.873	24.824	1.021	14.652
10/1/2017 20:30	2673000	120.947	19.097	272.469	40329.117	45463.691	29.701	30.907	24.796	1.021	14.65
10/1/2017 20:45	2673900	120.936	19.097	272.419	40317.621	45441.34	29.692	30.9	24.803	1.021	14.648
10/1/2017 21:00	2674800	120.939	19.096	272.428	40296.734	45417.965	29.675	30.884	24.816	1.021	14.651
10/1/2017 21:15	2675700	120.927	19.094	272.399	40299.234	45422.828	29.678	30.888	24.814	1.021	14.646
10/1/2017 21:30	2676600	120.91	19.093	272.361	40303.293	45428.766	29.683	30.892	24.812	1.021	14.647
10/1/2017 21:45	2677500	120.873	19.093	272.277	40346.73	45477.727	29.718	30.925	24.785	1.021	14.65
10/1/2017 22:00	2678400	120.852	19.093	272.23	40291.871	45416.234	29.674	30.883	24.819	1.021	14.645
10/1/2017 22:15	2679300	120.816	19.092	272.15	40325.352	45454.298	29.701	30.909	24.798	1.021	14.646
10/1/2017 22:30	2680200	120.776	19.091	272.059	40330.824	45461.336	29.706	30.914	24.795	1.021	14.649
10/1/2017 22:45	2681100	120.743	19.09	271.986	40332.957	45464.766	29.709	30.916	24.794	1.021	14.642
10/1/2017 23:00	2682000	120.697	19.091	271.882	40304.281	45432.184	29.685	30.894	24.811	1.021	14.647
10/1/2017 23:15	2682900	120.665	19.088	271.81	40305.836	45436.145	29.688	30.897	24.81	1.021	14.639
10/1/2017 23:30	2683800	120.626	19.087	271.721	40294.207	45424.754	29.679	30.889	24.817	1.021	14.643
10/1/2017 23:45	2684700	120.588	19.085	271.637	40308.473	45442.539	29.692	30.901	24.809	1.021	14.641
10/2/2017 0:00	2685600	120.552	19.083	271.555	40279.457	45411.461	29.67	30.88	24.827	1.021	14.637
10/2/2017 0:15	2686500	120.496	19.082	271.43	40349.676	45492.066	29.728	30.935	24.783	1.021	14.641
10/2/2017 0:30	2687400	120.458	19.08	271.344	40310.406	45449.07	29.697	30.905	24.807	1.021	14.642
10/2/2017 0:45	2688300	120.418	19.079	271.252	40296.496	45434.328	29.686	30.895	24.816	1.021	14.649
10/2/2017 1:00	2689200	120.38	19.079	271.168	40274.785	45410.102	29.668	30.879	24.829	1.021	14.634
10/2/2017 1:15	2690100	120.339	19.079	271.076	40279.02	45415.383	29.672	30.883	24.827	1.021	14.639
10/2/2017 1:30	2691000	120.308	19.078	271.005	40257.582	45391.824	29.655	30.866	24.84	1.021	14.637
10/2/2017 1:45	2691900	120.278	19.078	270.938	40276.273	45412.719	29.67	30.881	24.829	1.021	14.641
10/2/2017 2:00	2692800	120.261	19.078	270.899	40252.598	45386.457	29.651	30.863	24.843	1.021	14.638
10/2/2017 2:15	2693700	120.247	19.078	270.868	40228.02	45358.648	29.631	30.844	24.858	1.021	14.641
10/2/2017 2:30	2694600	120.225	19.078	270.819	40264.141	45399.219	29.66	30.871	24.836	1.021	14.643
10/2/2017 2:45	2695500	120.223	19.078	270.813	40210.453	45338.588	29.616	30.83	24.869	1.021	14.63
10/2/2017 3:00	2696400	120.221	19.079	270.81	40266.754	45401.555	29.662	30.873	24.834	1.021	14.639
10/2/2017 3:15	2697300	120.207	19.079	270.777	40248.969	45381.59	29.648	30.859	24.845	1.021	14.641
10/2/2017 3:30	2698200	120.22	19.079	270.808	40225.746	45354.98	29.628	30.841	24.86	1.021	14.637
10/2/2017 3:45	2699100	120.22	19.08	270.808	40232.633	45361.555	29.633	30.846	24.855	1.021	14.636
10/2/2017 4:00	2700000	120.238	19.081	270.848	40263.539	45396.059	29.658	30.869	24.836	1.021	14.635
10/2/2017 4:15	2700900	120.247	19.082	270.855	40272.777	45405.525	29.665	30.876	24.831	1.021	14.634
10/2/2017 4:30	2701800	120.29	19.082	270.964	40268.066	45399.379	29.661	30.872	24.834	1.021	14.634
10/2/2017 4:45	2702700	120.304	19.084	270.997	40252.109	45379					

10/3/2017 13:15	2819700	120.689	19.08	271.864	40245.5	45376.152	29.644	30.856	24.847	1.021	14.646
10/3/2017 13:30	2820600	120.647	19.079	271.77	40260.063	45393.754	29.657	30.868	24.839	1.021	14.67
10/3/2017 13:45	2821500	120.624	19.078	271.716	40230.645	45361.453	29.633	30.846	24.857	1.021	14.672
10/3/2017 14:00	2822400	120.59	19.078	271.64	40228.23	45358.984	29.631	30.844	24.858	1.021	14.674
10/3/2017 14:15	2823300	120.563	19.078	271.579	40271.391	45407.895	29.667	30.877	24.832	1.021	14.67
10/3/2017 14:30	2824200	120.547	19.077	271.527	40188.457	45314.988	29.599	30.814	24.883	1.021	14.678
10/3/2017 14:45	2825100	120.522	19.077	271.488	40234.289	45346.82	29.637	30.849	24.854	1.021	14.677
10/3/2017 15:00	2826000	120.492	19.076	271.419	40210.254	45340.07	29.617	30.831	24.869	1.021	14.678
10/3/2017 15:15	2826900	120.483	19.077	271.399	40240.332	45373.477	29.642	30.854	24.851	1.021	14.678
10/3/2017 15:30	2827800	120.46	19.077	271.348	40250.684	45385.223	29.65	30.862	24.844	1.021	14.69
10/3/2017 15:45	2828700	120.468	19.077	271.365	40248.063	45381.852	29.648	30.86	24.846	1.021	14.675
10/3/2017 16:00	2829600	120.468	19.078	271.367	40213.248	45391.988	29.619	30.833	24.867	1.021	14.685
10/3/2017 16:15	2830500	120.468	19.079	271.367	40232.875	45363.199	29.634	30.847	24.855	1.021	14.679
10/3/2017 16:30	2831400	120.47	19.079	271.37	40247.965	45379.695	29.646	30.858	24.846	1.021	14.683
10/3/2017 16:45	2832300	120.483	19.08	271.4	40211.727	45337.813	29.616	30.83	24.868	1.021	14.685
10/3/2017 17:00	2833200	120.502	19.082	271.443	40229.891	45357.18	29.63	30.843	24.857	1.021	14.692
10/3/2017 17:15	2834100	120.535	19.082	271.518	40232.305	45359.063	29.631	30.844	24.856	1.021	14.69
10/3/2017 17:30	2835000	120.557	19.084	271.567	40204.984	45326.891	29.608	30.822	24.873	1.021	14.685
10/3/2017 17:45	2835900	120.583	19.085	271.625	40247.609	45374.094	29.642	30.854	24.846	1.021	14.686
10/3/2017 18:00	2836800	120.609	19.086	271.683	40221.621	45343.516	29.62	30.834	24.862	1.021	14.696
10/3/2017 18:15	2837700	120.649	19.086	271.773	40221.453	45343.07	29.62	30.833	24.862	1.021	14.699
10/3/2017 18:30	2838600	120.695	19.087	271.878	40184.738	45300.664	29.589	30.804	24.885	1.021	14.698
10/3/2017 18:45	2839500	120.731	19.088	271.958	40230.738	45352.258	29.627	30.84	24.857	1.021	14.701
10/3/2017 19:00	2840400	120.763	19.088	272.03	40227.734	45348.285	29.624	30.837	24.858	1.021	14.699
10/3/2017 19:15	2841300	120.798	19.088	272.108	40231.355	45352.188	29.627	30.839	24.856	1.021	14.703
10/3/2017 19:30	2842200	120.845	19.089	272.215	40205.672	45323.078	29.606	30.82	24.872	1.021	14.706
10/3/2017 19:45	2843100	120.881	19.089	272.297	40265.434	45390.012	29.654	30.865	24.835	1.021	14.706
10/3/2017 20:00	2844000	120.906	19.088	272.352	40244.191	45366.742	29.637	30.849	24.848	1.021	14.714
10/3/2017 20:15	2844900	120.96	19.089	272.474	40211.496	45329.375	29.61	30.824	24.869	1.021	14.707
10/3/2017 20:30	2845800	120.966	19.089	272.487	40232.824	45353.508	29.628	30.84	24.855	1.021	14.717
10/3/2017 20:45	2846700	120.993	19.088	272.549	40195.203	45311.434	29.597	30.812	24.879	1.021	14.714
10/3/2017 21:00	2847600	121.004	19.088	272.573	40225.98	45346.73	29.623	30.836	24.86	1.021	14.718
10/3/2017 21:15	2848500	121.032	19.088	272.636	40219.426	45339.172	29.617	30.831	24.864	1.021	14.719
10/3/2017 21:30	2849400	121.03	19.087	272.632	40241.727	45365.16	29.636	30.848	24.85	1.021	14.719
10/3/2017 21:45	2850300	121.035	19.087	272.643	40217.434	45338.027	29.616	30.83	24.865	1.021	14.721
10/3/2017 22:00	2851200	121.041	19.086	272.656	40279.469	45408.555	29.668	30.878	24.827	1.021	14.722
10/3/2017 22:15	2852100	121.033	19.086	272.639	40246.422	45371.816	29.641	30.853	24.847	1.021	14.724
10/3/2017 22:30	2853000	121.018	19.085	272.606	40210.023	45330.953	29.611	30.825	24.869	1.021	14.731
10/3/2017 22:45	2853900	120.997	19.085	272.557	40228.727	45352.887	29.627	30.84	24.858	1.021	14.722
10/3/2017 23:00	2854800	120.969	19.084	272.494	40246.73	45373.617	29.642	30.854	24.847	1.021	14.727
10/3/2017 23:15	2855700	120.943	19.083	272.435	40231.688	45357.426	29.63	30.843	24.856	1.021	14.728
10/3/2017 23:30	2856600	120.903	19.082	272.345	40234.367	45361.387	29.633	30.846	24.854	1.021	14.732
10/3/2017 23:45	2857500	120.87	19.082	272.272	40213.402	45338.426	29.616	30.83	24.867	1.021	14.734
10/4/2017 0:00	2858400	120.837	19.081	272.198	40215.301	45341.336	29.618	30.832	24.866	1.021	14.733
10/4/2017 0:15	2859300	120.777	19.08	272.061	40239.098	45369.188	29.639	30.851	24.851	1.021	14.735
10/4/2017 0:30	2860200	120.746	19.079	271.991	40202.961	45329.121	29.61	30.824	24.874	1.021	14.73
10/4/2017 0:45	2861100	120.689	19.078	271.865	40229.461	45359.684	29.632	30.845	24.857	1.021	14.739
10/4/2017 1:00	2862000	120.657	19.077	271.791	40252.664	45387.039	29.652	30.863	24.843	1.021	14.731
10/4/2017 1:15	2862900	120.604	19.077	271.673	40227.707	45369.316	29.621	30.844	24.858	1.021	14.736
10/4/2017 1:30	2863800	120.557	19.075	271.566	40255.832	45392.395	29.655	30.867	24.841	1.021	14.737
10/4/2017 1:45	2864700	120.505	19.075	271.449	40248.965	45385.34	29.65	30.862	24.845	1.021	14.744
10/4/2017 2:00	2865600	120.47	19.075	271.37	40202.039	45332.504	29.612	30.826	24.874	1.021	14.738
10/4/2017 2:15	2866500	120.425	19.074	271.269	40211.316	45343.309	29.62	30.833	24.869	1.021	14.74
10/4/2017 2:30	2867400	120.396	19.074	271.204	40213	45345.633	29.621	30.835	24.868	1.021	14.739
10/4/2017 2:45	2868300	120.358	19.073	271.118	40206.234	45338.434	29.616	30.83	24.872	1.021	14.742
10/4/2017 3:00	2869200	120.32	19.073	271.032	40209.973	45342.816	29.619	30.833	24.869	1.021	14.747
10/4/2017 3:15	2870100	120.286	19.074	270.955	40202.785	45334.367	29.613	30.827	24.874	1.021	14.751
10/4/2017 3:30	2871000	120.275	19.073	270.93	40215.531	45349.172	29.624	30.837	24.866	1.021	14.75
10/4/2017 3:45	2871900	120.259	19.073	270.895	40199.262	45331.004	29.611	30.825	24.876	1.021	14.744
10/4/2017 4:00	2872800	120.259	19.074	270.896	40188.941	45318.242	29.601	30.816	24.882	1.021	14.744
10/4/2017 4:15	2873700	120.246	19.074	270.866	40194.855	45324.91	29.606	30.821	24.879	1.021	14.751
10/4/2017 4:30	2874600	120.259	19.074	270.854	40227.777	45362.094	29.623	30.846	24.858	1.021	14.746
10/4/2017 4:45	2875500	120.258	19.076	270.893	40189.926	45317.906	29.601	30.816	24.882	1.021	14.755
10/4/2017 5:00	2876400	120.272	19.076	270.924	40189.547	45317.055	29.601	30.816	24.882	1.021	14.753
10/4/2017 5:15	2877300	120.295	19.077	270.977	40221.402	45351.703	29.626	30.839	24.862	1.021	14.757
10/4/2017 5:30	2878200	120.307	19.079	271.004	40196.773	45322.648	29.605	30.819	24.878	1.021	14.754
10/4/2017 5:45	2879100	120.337	19.08	271.071	40218.539	45345.914	29.622	30.835	24.864	1.021	14.756
10/4/2017 6:00	2880000	120.374	19.081	271.155	40185.58	45307.508	29.594	30.809	24.884	1.021	14.761
10/4/2017 6:15	2880900	120.39	19.082	271.191	40216.387	45341.359	29.619	30.832	24.865	1.021	14.763
10/4/2017 6:30	2881800	120.454	19.084	271.333	40207.711	45329.883	29.61	30.824	24.871	1.021	14.763
10/4/2017 6:45	2882700	120.482	19.085	271.397	40226.668	45350.23	29.625	30.838	24.859	1.021	14.764
10/4/2017 7:00	2883600	120.549	19.086	271.548	40178.633	45295.055	29.585	30.801	24.889	1.021	14.762
10/4/2017 7:15	2884500	120.568	19.087	271.591	40196.387	45314.391	29.599	30.814	24.878	1.021	14.773
10/4/2017 7:30	2885400	120.63	19.087	271.731	40180.879	45296.313	29.586	30.801	24.887	1.021	14.781
10/4/2017 7:45	2886300	120.677	19.088	271.836	40228.703	45349.547	29.625	30.838	24.858	1.021	14.77
10/4/2017 8:00	2887200	120.727	19.088	271.948	40173.898	45287.594	29.58	30.796	24.892	1.021	14.768
10/4/2017 8:15	2888100	120.763	19.089	272.031	40217.715	45336.223	29.615	30.829	24.865	1.021	14.779
10/4/2017 8:30	2889000	120.799	19.089	272.111	40214.637	45332.582	29.612	30.826	24.867	1.021	14.774
10/4/2017 8:45	2889900	120.856	19.089	272.239	40238.395	45359.281	29.632	30.844	24.852	1.021	14.77
10/4/2017 9:00	2890800	120.863	19.089	272.302	40232.583	45342.813	29.623	30.833	24.861	1.021	14.774
10/4/2017 9:15	2891700	120.907	19.089	272.354	40229.273	45349.25	29.625	30.837	24.858	1.021	14.78
10/4/2017 9:30	2892600	120.936	19.089	272.42	40220.03						

Report Date:	10/9/2017 9:48		
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_Append_2017-10-05_15-08-52-246-BaroMerge.wsl		
Create Date	10/9/2017 9:46		

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

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		

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

Log Notes:			
Date and Time	Note		
11/10/2016 8:52 Used Battery: 2% Used Memory: 3% User Name: Skuiper			
11/10/2016 11:02 Log Download - Used Battery: 2% Used Memory: 3% User Name: Skuiper Interval - Start Time: 11/10/2016 10:00:00 AM Stop Time: 11/10/2016 11:45:00 AM			
11/17/2016 8:37 Log Download - Used Battery: 2% Used Memory: 3% User Name: Skuiper Interval - Start Time: 11/9/2016 10:00:00 PM Stop Time: 11/17/2016 9:30:00 AM			
11/24/2016 16:02 Log Download - Used Battery: 3% Used Memory: 4% User Name: Skuiper Interval - Start Time: 11/15/2016 10:00:00 PM Stop Time: 11/24/2016 4:00:00 PM			
12/1/2016 12:18 Log Download - Used Battery: 3% Used Memory: 4% User Name: Skuiper Interval - Start Time: 10/31/2016 10:00:00 AM Stop Time: 12/1/2016 1:15:00 PM			
12/8/2016 12:36 Log Download - Used Battery: 3% Used Memory: 6% User Name: Skuiper Interval - Start Time: 11/30/2016 10:00:00 PM Stop Time: 12/8/2016 12:30:00 PM			
12/15/2016 10:45 Log Download - Used Battery: 4% Used Memory: 6% User Name: Skuiper Interval - Start Time: 12/7/2016 10:00:00 PM Stop Time: 12/15/2016 10:45:00 AM			
12/22/2016 19:38 Log Download - Used Battery: 4% Used Memory: 7% User Name: ANorris Interval - Start Time: 12/14/2016 10:00:00 PM Stop Time: 12/22/2016 8:30:00 PM			
1/5/2017 15:38 Log Download - Used Battery: 5% Used Memory: 9% User Name: Skuiper Interval - Start Time: 11/30/2016 10:00:00 PM Stop Time: 1/5/2017 3:30:00 PM			
1/12/2017 9:06 Log Download - Used Battery: 5% Used Memory: 9% User Name: Skuiper Interval - Start Time: 1/4/2017 10:00:00 PM Stop Time: 1/12/2017 9:45:00 AM			
1/19/2017 8:30 Log Download - Used Battery: 5% Used Memory: 10% User Name: EHernandez Interval - Start Time: 1/11/2017 10:00:00 PM Stop Time: 1/19/2017 9:15:00 AM			
1/26/2017 13:43 Log Download - Used Battery: 6% Used Memory: 10% User Name: Skuiper Interval - Start Time: 1/18/2017 10:00:00 PM Stop Time: 1/26/2017 2:30:00 PM			
2/2/2017 8:15 Log Download - Used Battery: 6% Used Memory: 12% User Name: WMassoll Interval - Start Time: 12/31/2016 10:00:00 PM Stop Time: 2/2/2017 8:15:00 AM			
2/9/2017 10:32 Log Download - Used Battery: 7% Used Memory: 12% User Name: EHernandez Interval - Start Time: 2/1/2017 12:00:00 AM Stop Time: 2/9/2017 10:30:00 AM			
2/16/2017 14:14 Log Download - Used Battery: 7% Used Memory: 14% User Name: WMassoll Interval - Start Time: 2/8/2017 10:00:00 PM Stop Time: 2/16/2017 3:00:00 PM			
2/23/2017 7:43 Log Download - Used Battery: 7% Used Memory: 14% User Name: EHernandez Interval - Start Time: 2/15/2017 12:00:00 AM Stop Time: 2/23/2017 8:30:00 AM			
3/2/2017 10:50 Log Download - Used Battery: 8% Used Memory: 15% User Name: Skuiper Interval - Start Time: 1/31/2017 10:00:00 PM Stop Time: 3/2/2017 11:45:00 AM			
3/9/2017 16:30 Log Download - Used Battery: 8% Used Memory: 15% User Name: WMassoll Interval - Start Time: 3/1/2017 11:30:00 PM Stop Time: 3/9/2017 5:30:00 PM			
3/16/2017 17:38 Log Download - Used Battery: 8% Used Memory: 17% User Name: WMassoll Interval - Start Time: 3/8/2017 10:00:00 PM Stop Time: 3/16/2017 6:30:00 PM			
3/23/2017 10:21 Log Download - Used Battery: 9% Used Memory: 17% User Name: AVanHaitsma Interval - Start Time: 3/15/2017 10:00:00 PM Stop Time: 3/23/2017 11:15:00 AM			
3/30/2017 8:08 Log Download - Used Battery: 9% Used Memory: 18% User Name: AVanHaitsma Interval - Start Time: 3/22/2017 10:00:00 PM Stop Time: 3/30/2017 8:00:00 AM			
4/6/2017 15:36 Log Download - Used Battery: 9% Used Memory: 20% User Name: WMassoll Interval - Start Time: 2/28/2017 12:00:00 PM Stop Time: 4/6/2017 4:30:00 PM			
4/13/2017 14:48 Log Download - Used Battery: 10% Used Memory: 20% User Name: Skuiper Interval - Start Time: 4/5/2017 10:00:00 PM Stop Time: 4/13/2017 2:45:00 PM			
4/20/2017 8:12 Log Download - Used Battery: 10% Used Memory: 21% User Name: AVanHaitsma Interval - Start Time: 4/12/2017 10:00:00 PM Stop Time: 4/20/2017 9:00:00 AM			
4/27/2017 14:18 Log Download - Used Battery: 11% Used Memory: 21% User Name: WMassoll Interval - Start Time: 4/19/2017 10:00:00 PM Stop Time: 4/27/2017 3:15:00 PM			
5/4/2017 8:09 Log Download - Used Battery: 11% Used Memory: 23% User Name: AVanHaitsma Interval - Start Time: 3/31/2017 10:00:00 PM Stop Time: 5/4/2017 9:00:00 AM			
5/11/2017 8:21 Log Download - Used Battery: 11% Used Memory: 23% User Name: AVanHaitsma Interval - Start Time: 5/3/2017 10:00:00 PM Stop Time: 5/11/2017 8:15:00 AM			
5/18/2017 8:25 Log Download - Used Battery: 12% Used Memory: 25% User Name: WMassoll Interval - Start Time: 5/10/2017 10:00:00 PM Stop Time: 5/18/2017 9:15:00 AM			
5/25/2017 8:28 Log Download - Used Battery: 12% Used Memory: 25% User Name: AVanHaitsma Interval - Start Time: 5/17/2017 10:00:00 PM Stop Time: 5/25/2017 8:15:00 AM			
6/1/2017 12:05 Log Download - Used Battery: 12% Used Memory: 26% User Name: WMassoll Interval - Start Time: 4/30/2017 10:00:00 PM Stop Time: 6/1/2017 1:00:00 PM			
6/8/2017 16:40 Log Download - Used Battery: 13% Used Memory: 26% User Name: WMassoll Interval - Start Time: 5/31/2017 10:00:00 PM Stop Time: 6/8/2017 5:30:00 PM			
6/15/2017 16:37 Log Download - Used Battery: 13% Used Memory: 28% User Name: AVanHaitsma Interval - Start Time: 6/7/2017 10:00:00 PM Stop Time: 6/15/2017 5:30:00 PM			
6/22/2017 15:49 Log Download - Used Battery: 13% Used Memory: 28% User Name: AVanHaitsma Interval - Start Time: 6/14/2017 10:00:00 PM Stop Time: 6/22/2017 4:45:00 PM			
6/29/2017 11:33 Log Download - Used Battery: 14% Used Memory: 29% User Name: WMassoll Interval - Start Time: 6/21/2017 10:00:00 PM Stop Time: 6/29/2017 11:30:00 AM			
7/6/2017 12:14 Log Download - Used Battery: 14% Used Memory: 29% User Name: AVanHaitsma Interval - Start Time: 5/31/2017 10:00:00 PM Stop Time: 7/6/2017 1:00:00 PM			
7/13/2017 16:00 Log Download - Used Battery: 14% Used Memory: 31% User Name: WMassoll Interval - Start Time: 7/5/2017 10:00:00 PM Stop Time: 7/13/2017 4:45:00 PM			
7/20/2017 13:20 Log Download - Used Battery: 15% Used Memory: 31% User Name: WMassoll Interval - Start Time: 7/12/2017 10:00:00 PM Stop Time: 7/20/2017 2:15:00 PM			
7/27/2017 7:43 Log Download - Used Battery: 15% Used Memory: 32% User Name: AVanHaitsma Interval - Start Time: 7/19/2017 10:00:00 PM Stop Time: 7/27/2017 8:30:00 AM			
8/3/2017 8:02 Log Download - Used Battery: 16% Used Memory: 32% User Name: AVanHaitsma Interval - Start Time: 6/30/2017 10:00:00 PM Stop Time: 8/3/2017 9:00:00 AM			
8/10/2017 14:11 Log Download - Used Battery: 16% Used Memory: 34% User Name: WMassoll Interval - Start Time: 8/2/2017 10:00:00 PM Stop Time: 8/10/2017 2:00:00 PM			
8/17/2017 8:30 Log Download - Used Battery: 16% Used Memory: 34% User Name: AVanHaitsma Interval - Start Time: 8/9/2017 10:00:00 PM Stop Time: 8/17/2017 9:30:00 AM			
8/24/2017 8:33 Log Download - Used Battery: 17% Used Memory: 35% User Name: AVanHaitsma Interval - Start Time: 8/16/2017 10:00:00 PM Stop Time: 8/24/2017 9:30:00 AM			
9/1/2017 15:38 Log Download - Used Battery: 17% Used Memory: 37% User Name: WMassoll Interval - Start Time: 7/31/2017 10:00:00 PM Stop Time: 9/1/2017 4:30:00 PM			
9/7/2017 15:05 Log Download - Used Battery: 17% Used Memory: 37% User Name: WMassoll Interval - Start Time: 8/31/2017 10:00:00 PM Stop Time: 9/7/2017 3:00:00 PM			
9/14/2017 9:04 Log Download - Used Battery: 18% Used Memory: 39% User Name: AVanHaitsma Interval - Start Time: 9/6/2017 10:00:00 PM Stop Time: 9/14/2017 10:00:00 AM			
9/21/2017 8:49 Log Download - Used Battery: 18% Used Memory: 39% User Name: AVanHaitsma Interval - Start Time: 9/13/2017 10:00:00 PM Stop Time: 9/21/2017 9:45:00 AM			
9/28/2017 14:10 Log Download - Used Battery: 18% Used Memory: 40% User Name: WMassoll Interval - Start Time: 9/20/2017 10:00:00 PM Stop Time: 9/28/2017 3:00:00 PM			
10/5/2017 15:04 Log Download - Used Battery: 19% Used Memory: 40% User Name: WMassoll Interval - Start Time: 10/5/2017 2:45:00 PM Stop Time: 10/5/2017 4:00:00 PM			
10/5/2017 15:06 Log Download - Used Battery: 19% Used Memory: 40% User Name: WMassoll Interval - Start Time: 8/31/2017 10:00:00 PM Stop Time: 10/5/2017 3:00:00 PM			
10/9/2017 9:46 User Note: "Pressure & Level adjusted by baro data from: "MPWSP Barotroll_2017-10-05_19-08-59-078.wsl""			

Log Data:			
Record Count	3333		
Sensors	2		
	1 469248 PCTD 100 PSIA (60.1m/197.3ft)		
	2 0 Baro-Adjustment Calc		

Time Zone: Pacific Daylight Time			
	Sensor: PCTD(A) 197.3ft SNR: 469248	Sensor: PCTD(A) 197.3ft SNR: 469248	Sensor: PCTD(A) 197.3ft SNR: 469248
	Corrected	Corrected	Corrected
Date and Time	Elapsed Time Seconds	Pressure (PSI)	Temperature (C)
9/28/2017 0:00	2340000	68.264	15.833
9/28/2017 0:15	2340900	68.254	15.833
9/28/2017 0:30	2341800	68.22	15.833
9/28/2017 0:45	2342700	68.24	15.833
9/28/2017 1:00	2343600	68.223	15.833
9/28/2017 1:15	2344500	68.216	15.833
9/28/2017 1:30	2345400	68.211	15.834
9/28/2017 1:45	2346300	68.192	15.833
9/28/2017 2:00	2347200	68.180	15.834
9/28/2017 2:15	2348100	68.198	15.834
9/28/2017 2:30	2349000	68.181	15.834
9/28/2017 2:45	2349900	68.163	15.834
9/28/2017 3:00	2350800	68.15	15.834
9/28/2017 3:15	2351700	68.177	15.835
9/28/2017 3:30	2352600	68.156	15.835
9/28/2017 3:45	2353500	68.165	15.834
9/28/2017 4:00	2354400	68.142	15.835
9/28/2017 4:15	2355300	68.16	15.835
9/28/2017 4:30	2356200	68.152	15.834
9/28/2017 4:45	2357100	68.156	15.835
9/28/2017 5:00	2358000	68.148	15.835
9/28/2017 5:15	2358900	68.14	15.835
9/28/2017 5:30	2359800	68.155	15.835
9/28/2017 5:45	2360700	68.142	15.835
9/28/2017 6:00	2361600	68.14	15.836
9/28/2017 6:15	2362500	68.133	15.836
9/28/2017 6:30	2363400	68.131	15.836
9/28/2017 6:45	2364300	68.132	15.835
9/28/2017 7:00	2365200	68.132	15.835
9/28/2017 7:15	2366100	68.123	15.836
9/28/2017 7:30	2367000	68.119	15.836
9/28/2017 7:45	2367900	68.111	15.836
9/28/2017 8:00	2368800	68.115	15.836
9/28/2017 8:15	2369700	68.11	

9/28/2017 21:15	2416500	67.981	15.833	153.133	42108.121	51045.984	33.599	34.711	23.748	1.025	14.705
9/28/2017 21:30	2417400	67.993	15.832	153.16	42131.027	51074.375	33.62	34.731	23.735	1.025	14.705
9/28/2017 21:45	2418300	67.966	15.833	153.101	42129.379	51071.961	33.618	34.729	23.736	1.025	14.707
9/28/2017 22:00	2419200	67.979	15.832	153.13	42115.574	51055.75	33.606	34.718	23.744	1.025	14.704
9/28/2017 22:15	2420100	67.976	15.832	153.123	42081.781	51014.566	33.576	34.69	23.763	1.025	14.701
9/28/2017 22:30	2421000	67.964	15.832	153.096	42138.191	51083.059	33.626	34.736	23.731	1.025	14.706
9/28/2017 22:45	2421900	67.965	15.832	153.095	42114.818	51055.164	33.606	34.718	23.745	1.025	14.705
9/28/2017 23:00	2422800	67.932	15.832	153.025	42107.758	51046.059	33.599	34.711	23.749	1.025	14.709
9/28/2017 23:15	2423700	67.944	15.833	153.051	42133.555	51077.023	33.622	34.732	23.734	1.025	14.71
9/28/2017 23:30	2424600	67.942	15.833	153.047	42131.738	51074.41	33.62	34.731	23.735	1.025	14.71
9/28/2017 23:45	2425500	67.936	15.833	153.033	42135.266	51078.375	33.623	34.733	23.733	1.025	14.714
9/29/2017 0:00	2426400	67.923	15.833	153.004	42110.828	51048.637	33.601	34.713	23.747	1.025	14.713
9/29/2017 0:15	2427300	67.9	15.833	152.951	42089.738	51023.07	33.582	34.696	23.755	1.025	14.715
9/29/2017 0:30	2428200	67.921	15.833	152.999	42114.863	51053.953	33.605	34.717	23.745	1.025	14.705
9/29/2017 0:45	2429100	67.915	15.833	152.985	42097.809	51033.484	33.59	34.703	23.754	1.025	14.708
9/29/2017 1:00	2430000	67.89	15.833	152.928	42133.824	51076.305	33.622	34.732	23.734	1.025	14.717
9/29/2017 1:15	2430900	67.907	15.834	152.967	42112.566	51049.813	33.602	34.714	23.746	1.025	14.71
9/29/2017 1:30	2431800	67.898	15.834	152.947	42083.527	51014.613	33.576	34.69	23.762	1.025	14.714
9/29/2017 1:45	2432700	67.898	15.834	152.946	42120.629	51059.586	33.609	34.721	23.741	1.025	14.712
9/29/2017 2:00	2433600	67.891	15.835	152.932	42108.352	51044.074	33.598	34.71	23.748	1.025	14.714
9/29/2017 2:15	2434500	67.875	15.835	152.896	42115.738	51052.719	33.604	34.716	23.744	1.025	14.711
9/29/2017 2:30	2435400	67.893	15.834	152.936	42114.816	51052.441	33.604	34.716	23.745	1.025	14.709
9/29/2017 2:45	2436300	67.889	15.835	152.927	42104.496	51039.195	33.594	34.707	23.75	1.025	14.713
9/29/2017 3:00	2437200	67.891	15.835	152.932	42144.582	51087.57	33.63	34.74	23.728	1.025	14.709
9/29/2017 3:15	2438100	67.868	15.836	152.879	42119.219	51056.102	33.607	34.718	23.742	1.025	14.712
9/29/2017 3:30	2439000	67.883	15.835	152.913	42124.969	51064.105	33.613	34.724	23.739	1.025	14.716
9/29/2017 3:45	2439900	67.87	15.835	152.884	42093.422	51024.93	33.584	34.697	23.757	1.025	14.713
9/29/2017 4:00	2440800	67.885	15.835	152.917	42097.438	51029.914	33.588	34.7	23.754	1.025	14.712
9/29/2017 4:15	2441700	67.859	15.836	152.859	42109.473	51043.449	33.598	34.71	23.748	1.025	14.716
9/29/2017 4:30	2442600	68.239	15.835	153.714	42110.391	51045.824	33.599	34.711	23.747	1.025	14.717
9/29/2017 4:45	2443500	68.439	15.835	154.163	42125.948	51178.074	33.696	34.801	23.686	1.025	14.712
9/29/2017 5:00	2444400	68.532	15.836	154.376	42264.098	51230.879	33.735	34.837	23.661	1.025	14.711
9/29/2017 5:15	2445300	68.598	15.838	154.523	42272.727	51238.723	33.741	34.842	23.656	1.025	14.715
9/29/2017 5:30	2446200	68.651	15.84	154.644	42294.367	51263.289	33.76	34.859	23.644	1.025	14.713
9/29/2017 5:45	2447100	68.71	15.841	154.775	42272.273	51234.953	33.739	34.84	23.656	1.025	14.709
9/29/2017 6:00	2448000	68.747	15.842	154.86	42253.789	51211.699	33.722	34.824	23.667	1.025	14.715
9/29/2017 6:15	2448900	68.787	15.843	154.95	42287.832	51252.035	33.751	34.851	23.647	1.025	14.714
9/29/2017 6:30	2449800	68.818	15.844	155.02	42291.332	51255.117	33.754	34.853	23.646	1.025	14.718
9/29/2017 6:45	2450700	68.853	15.844	155.098	42282.055	51243.023	33.745	34.845	23.651	1.025	14.714
9/29/2017 7:00	2451600	68.879	15.845	155.157	42303.52	51268.836	33.764	34.863	23.639	1.025	14.717
9/29/2017 7:15	2452500	68.907	15.845	155.219	42264.043	51220.57	33.729	34.83	23.661	1.025	14.715
9/29/2017 7:30	2453400	68.942	15.845	155.299	42279.402	51238.77	33.742	34.842	23.652	1.025	14.709
9/29/2017 7:45	2454300	68.96	15.846	155.324	42305.324	51269.865	33.765	34.864	23.638	1.025	14.727
9/29/2017 8:00	2455200	68.982	15.846	155.388	42282.945	51242.121	33.744	34.845	23.65	1.025	14.727
9/29/2017 8:15	2456100	69.001	15.845	155.43	42277.387	51236.121	33.74	34.841	23.653	1.025	14.731
9/29/2017 8:30	2457000	69.026	15.846	155.489	42305.402	51269.434	33.765	34.863	23.638	1.025	14.735
9/29/2017 8:45	2457900	69.037	15.845	155.513	42326.152	51295.324	33.784	34.881	23.626	1.025	14.73
9/29/2017 9:00	2458800	69.066	15.846	155.577	42323.516	51291.906	33.781	34.878	23.628	1.025	14.729
9/29/2017 9:15	2459700	69.078	15.845	155.604	42300.328	51263.922	33.76	34.859	23.64	1.025	14.73
9/29/2017 9:30	2460600	69.099	15.845	155.653	42278.203	51237.109	33.741	34.841	23.653	1.025	14.731
9/29/2017 9:45	2461500	69.108	15.845	155.673	42276.125	51234.59	33.739	34.84	23.654	1.025	14.729
9/29/2017 10:00	2462400	69.126	15.845	155.712	42281.66	51241.406	33.744	34.844	23.651	1.025	14.724
9/29/2017 10:15	2463300	69.137	15.845	155.738	42292.438	51254.465	33.753	34.853	23.645	1.025	14.725
9/29/2017 10:30	2464200	69.153	15.846	155.774	42325.176	51293.516	33.782	34.88	23.627	1.025	14.72
9/29/2017 10:45	2465100	69.161	15.846	155.792	42352.766	51327.152	33.807	34.902	23.611	1.025	14.732
9/29/2017 11:00	2466000	69.17	15.846	155.811	42306.434	51271.004	33.766	34.864	23.637	1.025	14.73
9/29/2017 11:15	2466900	69.191	15.846	155.859	42262.977	51218.238	33.727	34.828	23.661	1.025	14.731
9/29/2017 11:30	2467800	69.201	15.846	155.882	42301.434	51264.527	33.761	34.86	23.64	1.025	14.733
9/29/2017 11:45	2468700	69.188	15.846	155.854	42328.043	51296.777	33.785	34.882	23.625	1.025	14.733
9/29/2017 12:00	2469600	69.215	15.846	155.914	42306.184	51269.867	33.765	34.864	23.637	1.025	14.734
9/29/2017 12:15	2470500	69.015	15.846	155.463	42299.332	51261.98	33.759	34.858	23.641	1.025	14.737
9/29/2017 12:30	2471400	68.724	15.847	154.827	42277.414	51244.168	33.729	34.839	23.659	1.025	14.739
9/29/2017 12:45	2472300	68.624	15.846	154.582	42287.191	51247.793	33.749	34.849	23.648	1.025	14.725
9/29/2017 13:00	2473200	68.556	15.838	154.43	42262.199	51225.961	33.732	34.834	23.662	1.025	14.723
9/29/2017 13:15	2474100	68.51	15.836	154.324	42199.465	51152.957	33.678	34.784	23.697	1.025	14.721
9/29/2017 13:30	2475000	68.469	15.835	154.232	42225.762	51186.191	33.702	34.807	23.682	1.025	14.729
9/29/2017 13:45	2475900	68.442	15.835	154.173	42201.559	51156.535	33.681	34.786	23.696	1.025	14.724
9/29/2017 14:00	2476800	68.407	15.835	154.093	42185.879	51137.093	33.667	34.774	23.705	1.025	14.73
9/29/2017 14:15	2477700	68.382	15.835	154.037	42183.547	51134.402	33.664	34.771	23.706	1.025	14.732
9/29/2017 14:30	2478600	68.367	15.835	154.003	42156.672	51102.223	33.641	34.75	23.721	1.025	14.729
9/29/2017 14:45	2479500	68.341	15.835	153.945	42169.703	51118.238	33.652	34.76	23.714	1.025	14.726
9/29/2017 15:00	2480400	68.327	15.835	153.914	42126.758	51066.277	33.614	34.725	23.738	1.025	14.724
9/29/2017 15:15	2481300	68.317	15.835	153.89	42135.023	51076.098	33.621	34.732	23.733	1.025	14.72
9/29/2017 15:30	2482200	68.304	15.835	153.861	42141.18	51083.755	33.627	34.737	23.73	1.025	14.727
9/29/2017 15:45	2483100	68.293	15.835	153.837	42166.055	51114.023	33.649	34.758	23.716	1.025	14.718
9/29/2017 16:00	2484000	68.279	15.835	153.806	42155.145	51100.688	33.64	34.748	23.722	1.025	14.716
9/29/2017 16:15	2484900	68.256	15.834	153.754	42155.828	51102.453	33.641	34.75	23.722	1.025	14.713
9/29/2017 16:30	2485800	68.266	15.835	153.776	42137.391	51078.75	33.623	34.734	23.732	1.025	14.711
9/29/2017 16:45	2486700	68.256	15.834	153.754	42121.242	51060.121	33.61	34.721	23.741	1.025	14.715
9/29/2017 17:00	2487600	68.236	15.835	153.736	42122.262	51072.38	33.61	34.721	23.74	1.025	14.716
9/29/2017 17:15	2488500	68.246	15.834	153.732	42123.781	51062.984	33.612	34.723	23.74	1.025	14.707
9/29/2017 17:30	2489400	68.235	15.834	153.705	42130.227	51071.012	33.618	34.728	23.736	1.025	14.713
9/											

10/1/2017 2:00	2606400	67.877	15.827	152.9	42079.855	51019	33.579	34.693	23.764	1.025	14.689
10/1/2017 2:15	2607300	67.874	15.826	152.892	42083.352	51023.664	33.582	34.696	23.762	1.025	14.692
10/1/2017 2:30	2608200	67.853	15.827	152.845	42101.918	51045.555	33.598	34.711	23.752	1.025	14.684
10/1/2017 2:45	2609100	67.87	15.827	152.884	42114.855	51060.5	33.609	34.721	23.745	1.025	14.681
10/1/2017 3:00	2610000	67.864	15.827	152.869	42113.184	51059.016	33.608	34.72	23.746	1.025	14.685
10/1/2017 3:15	2610900	67.858	15.827	152.857	42129.98	51079.379	33.623	34.734	23.736	1.025	14.69
10/1/2017 3:30	2611800	67.864	15.828	152.87	42138.797	51088.79	33.61	34.74	23.731	1.025	14.691
10/1/2017 3:45	2612700	67.852	15.828	152.843	42144.641	51095.988	33.636	34.745	23.728	1.025	14.688
10/1/2017 4:00	2613600	67.835	15.828	152.804	42129.855	51078.063	33.622	34.733	23.736	1.025	14.685
10/1/2017 4:15	2614500	67.851	15.828	152.84	42121.77	51068.457	33.615	34.727	23.741	1.025	14.684
10/1/2017 4:30	2615400	67.837	15.829	152.809	42129.672	51076.383	33.621	34.732	23.736	1.025	14.682
10/1/2017 4:45	2616300	67.855	15.828	152.85	42098.219	51039.086	33.594	34.707	23.754	1.025	14.684
10/1/2017 5:00	2617200	67.855	15.828	152.855	42129.152	51076.799	33.621	34.732	23.737	1.025	14.687
10/1/2017 5:15	2618100	67.858	15.829	152.857	42124.887	51070.793	33.617	34.728	23.739	1.025	14.695
10/1/2017 5:30	2619000	67.831	15.829	152.796	42113.25	51056.785	33.607	34.719	23.745	1.025	14.699
10/1/2017 5:45	2619900	67.847	15.829	152.833	42080.941	51017.941	33.578	34.692	23.764	1.025	14.687
10/1/2017 6:00	2620800	67.864	15.829	152.871	42098.414	51038.488	33.593	34.706	23.754	1.025	14.695
10/1/2017 6:15	2621700	67.808	15.829	152.879	42103.422	51044.559	33.598	34.71	23.751	1.025	14.693
10/1/2017 6:30	2622600	67.878	15.829	152.902	42113.152	51055.938	33.606	34.718	23.746	1.025	14.69
10/1/2017 6:45	2623500	67.856	15.829	152.852	42145.32	51094.934	33.635	34.745	23.727	1.025	14.696
10/1/2017 7:00	2624400	67.877	15.829	152.899	42118.945	51063.492	33.612	34.723	23.742	1.025	14.705
10/1/2017 7:15	2625300	67.883	15.83	152.914	42104.301	51044.781	33.598	34.71	23.751	1.025	14.704
10/1/2017 7:30	2626200	67.892	15.829	152.934	42111.125	51053.477	33.604	34.716	23.747	1.025	14.7
10/1/2017 7:45	2627100	67.886	15.829	152.919	42121.859	51066.707	33.614	34.725	23.741	1.025	14.703
10/1/2017 8:00	2628000	67.869	15.83	152.883	42108.016	51049.285	33.601	34.714	23.748	1.025	14.708
10/1/2017 8:15	2628900	67.892	15.83	152.933	42133.66	51080.375	33.624	34.735	23.734	1.025	14.706
10/1/2017 8:30	2629800	67.89	15.829	152.929	42127.98	51074.445	33.62	34.731	23.737	1.025	14.713
10/1/2017 8:45	2630700	67.873	15.829	152.89	42151.133	51102.512	33.64	34.75	23.724	1.025	14.711
10/1/2017 9:00	2631600	67.887	15.829	152.922	42105.613	51047.734	33.6	34.712	23.75	1.025	14.703
10/1/2017 9:15	2632500	67.881	15.829	152.908	42123.023	51068.535	33.615	34.727	23.74	1.025	14.705
10/1/2017 9:30	2633400	67.902	15.829	152.955	42095.715	51035.852	33.591	34.704	23.755	1.025	14.705
10/1/2017 9:45	2634300	67.882	15.829	152.911	42102.063	51043.121	33.597	34.709	23.752	1.025	14.707
10/1/2017 10:00	2635200	67.9	15.828	152.951	42133.363	51081.902	33.625	34.736	23.734	1.025	14.707
10/1/2017 10:15	2636100	67.904	15.828	152.959	42121.117	51066.848	33.614	34.725	23.741	1.025	14.7
10/1/2017 10:30	2637000	67.898	15.828	152.948	42111.891	51055.867	33.606	34.718	23.746	1.025	14.703
10/1/2017 10:45	2637900	67.876	15.828	152.898	42100.438	51041.883	33.584	34.708	23.753	1.025	14.702
10/1/2017 11:00	2638800	67.899	15.828	152.95	42086.797	51001.305	33.566	34.685	23.772	1.025	14.695
10/1/2017 11:15	2639700	67.881	15.828	152.909	42075.805	51012.223	33.574	34.688	23.767	1.025	14.691
10/1/2017 11:30	2640600	67.877	15.828	152.9	42106.984	51050.332	33.602	34.714	23.749	1.025	14.695
10/1/2017 11:45	2641500	67.894	15.827	152.938	42111.656	51056.836	33.607	34.719	23.746	1.025	14.693
10/1/2017 12:00	2642400	67.888	15.827	152.924	42097.086	51017.133	33.578	34.692	23.765	1.025	14.695
10/1/2017 12:15	2643300	67.866	15.827	152.876	42098.316	51040.566	33.595	34.708	23.754	1.025	14.694
10/1/2017 12:30	2644200	67.885	15.828	152.915	42097.255	51042.402	33.545	34.685	23.786	1.025	14.695
10/1/2017 12:45	2645100	67.861	15.827	152.863	42053.293	50985.859	33.555	34.67	23.779	1.025	14.692
10/1/2017 13:00	2646000	67.876	15.827	152.897	42118.609	51065.594	33.613	34.725	23.742	1.025	14.69
10/1/2017 13:15	2646900	67.869	15.827	152.881	42091.887	51033.488	33.59	34.703	23.758	1.025	14.69
10/1/2017 13:30	2647800	67.868	15.827	152.879	42114.91	51060.988	33.61	34.721	23.745	1.025	14.681
10/1/2017 13:45	2648700	67.862	15.827	152.865	42092.965	51034.383	33.59	34.703	23.757	1.025	14.681
10/1/2017 14:00	2649600	67.843	15.827	152.823	42098.664	51040.284	33.595	34.708	23.754	1.025	14.679
10/1/2017 14:15	2650500	67.865	15.827	152.872	42097.07	51039.566	33.594	34.707	23.755	1.025	14.673
10/1/2017 14:30	2651400	67.842	15.827	152.82	42074.629	51012.043	33.574	34.688	23.767	1.025	14.673
10/1/2017 14:45	2652300	67.845	15.827	152.827	42097.836	51040.406	33.595	34.707	23.754	1.025	14.67
10/1/2017 15:00	2653200	67.855	15.827	152.85	42080.742	51019.258	33.579	34.693	23.764	1.025	14.666
10/1/2017 15:15	2654100	67.859	15.827	152.859	42067.555	51003.051	33.567	34.682	23.771	1.025	14.655
10/1/2017 15:30	2655000	67.847	15.828	152.832	42084.691	51023.73	33.582	34.696	23.762	1.025	14.659
10/1/2017 15:45	2655900	67.855	15.828	152.805	42080.445	51018.582	33.579	34.693	23.764	1.025	14.658
10/1/2017 16:00	2656800	67.836	15.828	152.808	42090.82	51031.051	33.588	34.701	23.758	1.025	14.65
10/1/2017 16:15	2657700	67.838	15.828	152.813	42117.492	51063.27	33.611	34.723	23.743	1.025	14.652
10/1/2017 16:30	2658600	67.861	15.827	152.863	42075.469	51012.863	33.574	34.689	23.767	1.025	14.651
10/1/2017 16:45	2659500	67.841	15.827	152.819	42103.801	51047.313	33.6	34.712	23.751	1.025	14.656
10/1/2017 17:00	2660400	67.86	15.827	152.861	42114.773	51060.398	33.609	34.721	23.745	1.025	14.649
10/1/2017 17:15	2661300	67.863	15.828	152.868	42075.55	51012.688	33.574	34.688	23.767	1.025	14.658
10/1/2017 17:30	2662200	67.869	15.827	152.882	42074.906	51012.184	33.574	34.688	23.767	1.025	14.648
10/1/2017 17:45	2663100	67.859	15.828	152.86	42109.762	51054.016	33.605	34.717	23.747	1.025	14.642
10/1/2017 18:00	2664000	67.858	15.828	152.857	42101.059	51043.57	33.597	34.71	23.752	1.025	14.644
10/1/2017 18:15	2664900	67.885	15.828	152.917	42103.023	51045.953	33.599	34.711	23.751	1.025	14.647
10/1/2017 18:30	2665800	67.874	15.827	152.894	42134.566	51084.82	33.627	34.738	23.733	1.025	14.645
10/1/2017 18:45	2666700	67.895	15.828	152.905	42099.514	51041.689	33.596	34.708	23.753	1.025	14.648
10/1/2017 19:00	2667600	67.894	15.827	152.939	42108.125	51052.883	33.604	34.716	23.748	1.025	14.654
10/1/2017 19:15	2668500	67.902	15.827	152.955	42084.199	51023.961	33.583	34.696	23.762	1.025	14.653
10/1/2017 19:30	2669400	67.901	15.827	152.954	42093.66	51035.641	33.591	34.704	23.757	1.025	14.655
10/1/2017 19:45	2670300	67.915	15.827	152.986	42104.867	51049.227	33.601	34.713	23.75	1.025	14.647
10/1/2017 20:00	2671200	67.899	15.826	152.95	42102.738	51047.488	33.6	34.712	23.751	1.025	14.646
10/1/2017 20:15	2672100	67.914	15.826	152.983	42099.738	51043.483	33.597	34.71	23.753	1.025	14.653
10/1/2017 20:30	2673000	67.906	15.826	152.964	42121.141	51070.105	33.616	34.728	23.741	1.025	14.65
10/1/2017 20:45	2673900	67.907	15.826	152.968	42090.602	51032.652	33.589	34.702	23.758	1.025	14.648
10/1/2017 21:00	2674800	67.904	15.825	152.96	42125.113	51075.75	33.62	34.732	23.739	1.025	14.651
10/1/2017 21:15	2675700	67.928	15.825	153.015	42093.539	51038	33.593	34.706	23.757	1.025	14.646
10/1/2017 21:30	2676600	67.928	15.825	153.014	42116.797	51065.352	33.613	34.724	23.743	1.025	14.647
10/1/2017 21:45	2677500	67.9	15.825	152.951	42124.012	51074.523	33.62	34.731	23.729	1.025	14.65
10/1/2017 22:00	2678400	67.906	15.825	152.964	42121.422	51071.727	33.617	34.728	23.741	1.025	14.645
10/1/2017 22:15	2679300	67.92	15.824	152.996	42127.484	51079.477	33.623	34.734	23.737	1.025	14.646
10/1/2017 2											

10/3/2017 6:45	2796300	67.726	15.826	152.56	42202.434	51167.738	33.688	34.794	23.695	1.025	14.617
10/3/2017 7:00	2797200	67.749	15.827	152.611	42215.23	51183.035	33.7	34.804	23.688	1.025	14.625
10/3/2017 7:15	2798100	67.728	15.827	152.564	42225.605	51195.316	33.709	34.813	23.682	1.025	14.627
10/3/2017 7:30	2799000	67.759	15.827	152.633	42218.59	51187.105	33.703	34.807	23.686	1.025	14.628
10/3/2017 7:45	2799900	67.763	15.827	152.642	42244.727	51217.957	33.725	34.828	23.672	1.025	14.631
10/3/2017 8:00	2800800	67.745	15.827	152.603	42201.766	51166.414	33.687	34.793	23.696	1.025	14.636
10/3/2017 8:15	2801700	67.755	15.828	152.624	42192.004	51153.836	33.678	34.785	23.701	1.025	14.638
10/3/2017 8:30	2802600	67.776	15.827	152.673	42218.504	51187.004	33.702	34.807	23.686	1.025	14.64
10/3/2017 8:45	2803500	67.785	15.827	152.691	42211.703	51178.859	33.696	34.802	23.69	1.025	14.637
10/3/2017 9:00	2804400	67.774	15.828	152.667	42212.813	51178.957	33.697	34.802	23.689	1.025	14.641
10/3/2017 9:15	2805300	67.792	15.827	152.708	42201.488	51165.848	33.687	34.793	23.696	1.025	14.649
10/3/2017 9:30	2806200	67.792	15.827	152.709	42207.477	51173.535	33.693	34.798	23.692	1.025	14.652
10/3/2017 9:45	2807100	67.805	15.827	152.737	42201.891	51166.859	33.688	34.793	23.696	1.025	14.654
10/3/2017 10:00	2808000	67.805	15.827	152.736	42183.352	51144.484	33.671	34.778	23.706	1.025	14.653
10/3/2017 10:15	2808900	67.813	15.826	152.754	42161.855	51119.043	33.652	34.761	23.718	1.025	14.654
10/3/2017 10:30	2809800	67.811	15.826	152.751	42181.035	51141.992	33.669	34.777	23.707	1.025	14.659
10/3/2017 10:45	2810700	67.788	15.826	152.698	42172.789	51132.824	33.662	34.77	23.712	1.025	14.664
10/3/2017 11:00	2811600	67.8	15.826	152.726	42203.637	51170.336	33.69	34.796	23.695	1.025	14.661
10/3/2017 11:15	2812500	67.823	15.825	152.797	42177.492	51139.262	33.667	34.775	23.709	1.025	14.654
10/3/2017 11:30	2813400	67.8	15.826	152.726	42167.402	51126.402	33.658	34.766	23.715	1.025	14.658
10/3/2017 11:45	2814300	67.813	15.825	152.756	42180.09	51141.891	33.669	34.776	23.708	1.025	14.663
10/3/2017 12:00	2815200	67.806	15.824	152.739	42151.16	51107.953	33.644	34.753	23.724	1.025	14.656
10/3/2017 12:15	2816100	67.798	15.825	152.721	42119.746	51069.246	33.616	34.727	23.742	1.025	14.659
10/3/2017 12:30	2817000	67.811	15.824	152.752	42103.633	51050.555	33.602	34.714	23.751	1.025	14.663
10/3/2017 12:45	2817900	67.792	15.824	152.708	42149.668	51106.676	33.643	34.753	23.725	1.025	14.662
10/3/2017 13:00	2818800	67.799	15.825	152.725	42126.965	51078.418	33.622	34.733	23.738	1.025	14.667
10/3/2017 13:15	2819700	67.796	15.824	152.716	42097.598	51044.059	33.597	34.71	23.754	1.025	14.664
10/3/2017 13:30	2820600	67.775	15.824	152.669	42070.758	51011.512	33.573	34.688	23.769	1.025	14.67
10/3/2017 13:45	2821500	67.786	15.824	152.694	42117.559	51068.16	33.615	34.726	23.743	1.025	14.672
10/3/2017 14:00	2822400	67.781	15.823	152.683	42118.352	51069.844	33.616	34.727	23.743	1.025	14.674
10/3/2017 14:15	2823300	67.765	15.824	152.647	42099.094	51045.773	33.598	34.711	23.753	1.025	14.67
10/3/2017 14:30	2824200	67.754	15.824	152.622	42120.289	51071.371	33.617	34.729	23.742	1.025	14.678
10/3/2017 14:45	2825100	67.751	15.824	152.616	42115.797	51065.816	33.613	34.725	23.744	1.025	14.677
10/3/2017 15:00	2826000	67.762	15.824	152.641	42113.465	51063.098	33.611	34.723	23.745	1.025	14.678
10/3/2017 15:15	2826900	67.742	15.824	152.595	42086.25	51030.297	33.587	34.701	23.761	1.025	14.678
10/3/2017 15:30	2827800	67.744	15.824	152.599	42112.141	51060.969	33.61	34.721	23.746	1.025	14.69
10/3/2017 15:45	2828700	67.756	15.824	152.628	42092.445	51082.445	33.625	34.736	23.736	1.025	14.696
10/3/2017 16:00	2829600	67.721	15.824	152.548	42138.523	51093.254	33.633	34.743	23.731	1.025	14.685
10/3/2017 16:15	2830500	67.729	15.824	152.566	42151.938	51109.008	33.645	34.754	23.724	1.025	14.679
10/3/2017 16:30	2831400	67.737	15.825	152.585	42101.969	51047.914	33.6	34.713	23.752	1.025	14.683
10/3/2017 16:45	2832300	67.737	15.825	152.585	42145.352	51100.289	33.639	34.748	23.727	1.025	14.685
10/3/2017 17:00	2833200	67.714	15.825	152.532	42132.383	51084.793	33.627	34.738	23.735	1.025	14.692
10/3/2017 17:15	2834100	67.723	15.825	152.529	42134.996	51087.961	33.629	34.74	23.733	1.025	14.69
10/3/2017 17:30	2835000	67.72	15.825	152.546	42139.582	51092.977	33.633	34.743	23.731	1.025	14.685
10/3/2017 17:45	2835900	67.743	15.825	152.597	42143.602	51098.395	33.637	34.747	23.728	1.025	14.686
10/3/2017 18:00	2836800	67.717	15.826	152.54	42175.887	51136.48	33.665	34.773	23.71	1.025	14.696
10/3/2017 18:15	2837700	67.742	15.825	152.596	42163.672	51122.086	33.655	34.763	23.717	1.025	14.699
10/3/2017 18:30	2838600	67.726	15.826	152.56	42195.887	51160.73	33.683	34.789	23.699	1.025	14.698
10/3/2017 18:45	2839500	67.731	15.826	152.571	42202.793	51169.105	33.689	34.795	23.695	1.025	14.701
10/3/2017 19:00	2840400	67.756	15.827	152.626	42152.035	51106.516	33.643	34.752	23.724	1.025	14.699
10/3/2017 19:15	2841300	67.745	15.825	152.603	42229.188	51201.52	33.713	34.817	23.68	1.025	14.703
10/3/2017 19:30	2842200	67.766	15.826	152.649	42207.063	51173.551	33.693	34.798	23.693	1.025	14.706
10/3/2017 19:45	2843100	67.771	15.826	152.661	42218.25	51187.844	33.703	34.808	23.686	1.025	14.706
10/3/2017 20:00	2844000	67.768	15.825	152.655	42194.211	51159.43	33.682	34.788	23.7	1.025	14.714
10/3/2017 20:15	2844900	67.786	15.826	152.694	42225.613	51196.672	33.709	34.814	23.682	1.025	14.707
10/3/2017 20:30	2845800	67.787	15.826	152.697	42202.469	51168.711	33.689	34.795	23.695	1.025	14.71
10/3/2017 20:45	2846700	67.797	15.826	152.719	42230.93	51203.121	33.714	34.818	23.679	1.025	14.714
10/3/2017 21:00	2847600	67.785	15.826	152.692	42214.176	51182.805	33.699	34.804	23.689	1.025	14.718
10/3/2017 21:15	2848500	67.805	15.825	152.738	42229.852	51202.852	33.714	34.818	23.68	1.025	14.719
10/3/2017 21:30	2849400	67.791	15.825	152.705	42228.309	51201.098	33.713	34.817	23.681	1.025	14.719
10/3/2017 21:45	2850300	67.791	15.826	152.706	42225.133	51196.191	33.709	34.813	23.683	1.025	14.721
10/3/2017 22:00	2851200	67.823	15.824	152.778	42209.293	51178.438	33.696	34.801	23.691	1.025	14.722
10/3/2017 22:15	2852100	67.821	15.825	152.774	42250.672	51228.316	33.733	34.835	23.668	1.025	14.724
10/3/2017 22:30	2853000	67.815	15.824	152.76	42225.867	51199.586	33.711	34.816	23.682	1.025	14.731
10/3/2017 22:45	2853900	67.828	15.824	152.79	42248.773	51226.422	33.731	34.834	23.669	1.025	14.722
10/3/2017 23:00	2854800	67.823	15.824	152.778	42258.277	51238.684	33.74	34.842	23.664	1.025	14.727
10/3/2017 23:15	2855700	67.826	15.824	152.785	42203.547	51172.324	33.691	34.797	23.695	1.025	14.728
10/3/2017 23:30	2856600	67.821	15.823	152.773	42211.465	51206.673	33.717	34.821	23.679	1.025	14.73
10/3/2017 23:45	2857500	67.819	15.823	152.77	42302.406	51292.719	33.78	34.879	23.639	1.025	14.734
10/4/2017 0:00	2858400	67.814	15.823	152.758	42231.672	51207.781	33.717	34.821	23.679	1.025	14.733
10/4/2017 0:15	2859300	67.793	15.823	152.709	42221.613	51195.168	33.708	34.813	23.685	1.025	14.735
10/4/2017 0:30	2860200	67.792	15.823	152.709	42250.422	51229.887	33.734	34.836	23.668	1.025	14.73
10/4/2017 0:45	2861100	67.775	15.823	152.669	42243.477	51222.098	33.728	34.831	23.672	1.025	14.739
10/4/2017 1:00	2862000	67.781	15.823	152.682	42215.254	51187.687	33.703	34.808	23.688	1.025	14.738
10/4/2017 1:15	2862900	67.79	15.823	152.703	42236.16	51213.117	33.721	34.825	23.676	1.025	14.736
10/4/2017 1:30	2863800	67.763	15.823	152.643	42251.516	51231.527	33.735	34.837	23.668	1.025	14.737
10/4/2017 1:45	2864700	67.748	15.823	152.608	42233.191	51209.625	33.719	34.823	23.678	1.025	14.744
10/4/2017 2:00	2865600	67.762	15.823	152.641	42229.465	51204.688	33.715	34.819	23.68	1.025	14.738
10/4/2017 2:15	2866500	67.757	15.823	152.628	42246.316	51225.434	33.73	34.833	23.671	1.025	14.74
10/4/2017 2:30	2867400	67.732	15.823	152.576	42241.91	51201.176	33.726	34.83	23.673	1.025	14.739
10/4/2017 2:45	2868300	67.741	15.823	152.594	42222.488	51195.609	33.709	34.813	23.684	1.025	14.742
10/4/2017 3:00	2869200	67.732	15.823	152.573	42213.359	51184.945	33.701	34.806	23.689</		

Report Date: 10/9/2017 9:49
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_2017-10-05_15-13-00-460.wsl
Create Date 10/5/2017 15:12

Device Properties

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

Level Reference Settings At Log Creation

Level Measurement Mode	Depth
Specific Gravity	1.024

Other Log Settings

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

Log Notes:

Date and Time	Note	
10/27/2015 10:02	Used Battery: 1% Used Memory: 3% User Name: 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: KMaKar	
11/5/2015 13:40	Log Download - Used Battery: 2% Used Memory: 3% User Name: KMaKar Interval - Start Time: 10/27/2015 10:45:00 AM Stop Time: 11/5/2015 14:00 PM	
11/12/2015 9:38	Log Download - Used Battery: 2% Used Memory: 4% User Name: CSchw	
11/19/2015 14:51	Log Download - Used Battery: 3% Used Memory: 4% User Name: KMaKar Interval - Start Time: 11/1/2015 7:00:00 AM Stop Time: 11/19/2015 15:00 PM	
11/29/2015 9:11	Log Download - Used Battery: 3% Used Memory: 6% User Name: CSchw Interval - Start Time: 11/13/2015 1:00:00 AM Stop Time: 11/29/2015 10:00 AM	
12/3/2015 10:41	Log Download - Used Battery: 3% Used Memory: 6% User Name: KMaKar Interval - Start Time: 11/18/2015 7:00:00 AM Stop Time: 12/3/2015 10:30 AM	
12/10/2015 8:55	Log Download - Used Battery: 4% Used Memory: 7% User Name: CSchw Interval - Start Time: 10/13/2015 1:45:00 AM Stop Time: 12/10/2015 8:45 AM	
12/17/2015 11:08	Log Download - Used Battery: 4% Used Memory: 7% User Name: KMaKar Interval - Start Time: 12/1/2015 12:00:00 PM Stop Time: 12/17/2015 11:00 AM	
1/3/2016 9:58	Log Download - Used Battery: 5% Used Memory: 10% User Name: CSchw Interval - Start Time: 11/30/2015 1:00:00 AM Stop Time: 1/3/2016 10:45 AM	
1/7/2016 10:10	Log Download - Used Battery: 5% Used Memory: 10% User Name: KMaKar Interval - Start Time: 12/31/2015 10:00:00 AM Stop Time: 1/7/2016 10:00 AM	
1/14/2016 8:23	Log Download - Used Battery: 5% Used Memory: 10% User Name: KMaKar Interval - Start Time: 1/4/2016 10:00:00 AM Stop Time: 1/14/2016 8:15 AM	
1/21/2016 11:41	Log Download - Used Battery: 6% Used Memory: 12% User Name: KMaKar Interval - Start Time: 1/12/2016 11:00:00 AM Stop Time: 1/21/2016 11:30 AM	
1/28/2016 13:45	Log Download - Used Battery: 6% Used Memory: 12% User Name: KMaKar Interval - Start Time: 1/18/2016 11:45:00 AM Stop Time: 1/28/2016 13:00 PM	
2/4/2016 9:17	Log Download - Used Battery: 7% Used Memory: 14% User Name: CSchw Interval - Start Time: 12/31/2015 1:00:00 AM Stop Time: 2/4/2016 10:15 AM	
2/11/2016 9:09	Log Download - Used Battery: 7% Used Memory: 14% User Name: CSchw Interval - Start Time: 2/2/2016 2:30:00 PM Stop Time: 2/11/2016 10:00 AM	
2/18/2016 8:57	Log Download - Used Battery: 7% Used Memory: 15% User Name: CSchw Interval - Start Time: 2/4/2016 5:30:00 PM Stop Time: 2/18/2016 9:45 AM	
2/25/2016 11:53	Log Download - Used Battery: 8% Used Memory: 17% User Name: KMaKar Interval - Start Time: 2/15/2016 5:30:00 PM Stop Time: 2/25/2016 11:45 AM	
3/2/2016 8:50	Log Download - Used Battery: 8% Used Memory: 17% User Name: Skuiper Interval - Start Time: 1/31/2016 12:00:01 AM Stop Time: 3/2/2016 9:00 AM	
3/10/2016 8:32	Log Download - Used Battery: 8% Used Memory: 18% User Name: KMaKar Interval - Start Time: 3/1/2016 12:00:00 PM Stop Time: 3/10/2016 8:30 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 PM	
3/24/2016 12:17	Log Download - Used Battery: 9% Used Memory: 20% User Name: KMaKar Interval - Start Time: 3/15/2016 12:00:00 PM Stop Time: 3/24/2016 12:15 PM	
3/31/2016 10:58	Log Download - Used Battery: 9% Used Memory: 20% User Name: Skuiper Interval - Start Time: 3/22/2016 12:00:00 PM Stop Time: 3/31/2016 11:45 AM	
4/7/2016 12:00	Log Download - Used Battery: 10% Used Memory: 21% User Name: KMaKar Interval - Start Time: 2/29/2016 5:00:00 PM Stop Time: 4/7/2016 12:00 PM	
4/14/2016 13:21	Log Download - Used Battery: 10% Used Memory: 21% User Name: Skuiper Interval - Start Time: 4/5/2016 12:00:00 PM Stop Time: 4/14/2016 2:15 PM	
4/21/2016 10:34	Log Download - Used Battery: 11% Used Memory: 23% User Name: ELinden Interval - Start Time: 4/12/2016 1:30:00 PM Stop Time: 4/21/2016 11:30 AM	
4/28/2016 11:02	Log Download - Used Battery: 11% Used Memory: 23% User Name: KMaKar Interval - Start Time: 4/19/2016 5:00:00 PM Stop Time: 4/28/2016 11:00 AM	
5/5/2016 12:37	Log Download - Used Battery: 11% Used Memory: 25% User Name: Skuiper Interval - Start Time: 3/31/2016 12:00:00 PM Stop Time: 5/5/2016 12:30 PM	
5/12/2016 16:00	Log Download - Used Battery: 12% Used Memory: 25% User Name: Skuiper Interval - Start Time: 5/3/2016 12:00:00 PM Stop Time: 5/12/2016 4:45 AM	
5/19/2016 16:34	Log Download - Used Battery: 12% Used Memory: 26% User Name: ELinden Interval - Start Time: 5/10/2016 12:00:00 PM Stop Time: 5/19/2016 5:30 PM	
5/26/2016 14:16	Log Download - Used Battery: 12% Used Memory: 26% User Name: Skuiper Interval - Start Time: 5/17/2016 6:00:00 PM Stop Time: 5/26/2016 2:15 PM	
6/2/2016 14:25	Log Download - Used Battery: 13% Used Memory: 28% User Name: Skuiper Interval - Start Time: 4/30/2016 10:00:00 PM Stop Time: 6/2/2016 2:15 PM	
6/9/2016 10:57	Log Download - Used Battery: 13% Used Memory: 28% User Name: CSchw Interval - Start Time: 5/31/2016 5:00:00 AM Stop Time: 6/9/2016 11:45 AM	
6/16/2016 17:37	Log Download - Used Battery: 13% Used Memory: 29% User Name: Skuiper Interval - Start Time: 6/7/2016 10:30:00 PM Stop Time: 6/16/2016 6:30 PM	
6/23/2016 17:37	Log Download - Used Battery: 14% Used Memory: 29% User Name: Skuiper Interval - Start Time: 6/15/2016 10:00:00 PM Stop Time: 6/23/2016 5:30 PM	
6/30/2016 15:09	Log Download - Used Battery: 14% Used Memory: 31% User Name: Skuiper Interval - Start Time: 6/22/2016 12:00:00 PM Stop Time: 6/30/2016 5:45 PM	
6/30/2016 15:47	Log Download - Used Battery: 14% Used Memory: 31% User Name: Skuiper Interval - Start Time: 6/29/2016 12:00:00 PM Stop Time: 6/30/2016 3:45 PM	
7/1/2016 9:20	Log Download - Used Battery: 14% Used Memory: 31% User Name: Skuiper Interval - Start Time: 5/31/2016 10:00:00 PM Stop Time: 7/1/2016 9:15 AM	
7/8/2016 9:19	Log Download - Used Battery: 15% Used Memory: 32% User Name: Skuiper Interval - Start Time: 6/29/2016 10:00:00 PM Stop Time: 7/8/2016 10:00 AM	
7/14/2016 12:44	Log Download - Used Battery: 15% Used Memory: 34% User Name: ELinden Interval - Start Time: 7/13/2016 12:00:00 PM Stop Time: 7/14/2016 1:30 PM	
7/21/2016 13:52	Log Download - Used Battery: 15% Used Memory: 34% User Name: Skuiper Interval - Start Time: 7/15/2016 10:00:00 PM Stop Time: 7/21/2016 1:45 PM	
7/28/2016 14:44	Log Download - Used Battery: 16% Used Memory: 34% User Name: Skuiper Interval - Start Time: 7/20/2016 10:00:00 PM Stop Time: 7/28/2016 3:30 PM	
8/4/2016 1		

Log Data:

Record Count	3332	
Sensors	1	
	1	421436 PCTD 100 PSIG (70m/231ft)

Time Zone: Pacific Daylight Time

Date and Time	Elapsed Time Seconds	Sensor: PCTD(G) 231ft	Sensor: PCTD(G) 231ft	Sensor: PCTD(G) 231ft	Sensor: PCTD(G) 231ft	Sensor: PCTD(G) 231ft	Sensor: PCTD(G) 231ft	Sensor: PCTD(G) 231ft	Sensor: PCTD(G) 231ft	Sensor: PCTD(G) 231ft	
		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)	
9/28/2017 0:00		2340000	0.46	22.485	1.036	2495.096	2621.009	1.371	1782.286	400.786	0.999
9/28/2017 0:15		2340900	0.47	22.516	1.059	2494.99	2619.263	1.37	1781.099	400.803	0.999
9/28/2017 0:30		2341800	0.471	22.544	1.06	2495.64	2618.47	1.37	1780.56	400.699	0.999
9/28/2017 0:45		2342700	0.482	22.559	1.085	2495.146	2617.149	1.369	1779.661	400.778	0.999
9/28/2017 1:00		2343600	0.484	22.568	1.091	2494.836	2616.349	1.369	1779.117	400.828	0.999
9/28/2017 1:15		2344500	0.492	22.58	1.109	2496.069	2617.039	1.369	1779.587	400.63	0.999
9/28/2017 1:30		2345400	0.495	22.589	1.115	2494.226	2614.604	1.368	1777.931	400.926	0.999
9/28/2017 1:45		2346300	0.499	22.595	1.123	2494.967	2615.11	1.368	1778.275	400.807	0.999
9/28/2017 2:00		2347200	0.504	22.599	1.136	2495.429	2615.355	1.368	1778.442	400.733	0.999
9/28/2017 2:15		2348100	0.502	22.598	1.132	2494.397	2614.315	1.368	1777.734	400.898	0.999
9/28/2017 2:30		2349000	0.506	22.593	1.14	2493.617	2613.76	1.367	1777.356	401.024	0.999
9/28/2017 2:45		2349900	0.51	22.586	1.149	2493.488	2614.034	1.367	1777.543	401.045	0.999
9/28/2017 3:00		2350800	0.515	22.573	1.16	2492.099	2613.23	1.367	1776.997	401.268	0.999
9/28/2017 3:15		2351700	0.513	22.561	1.156	2492.101	2613.891	1.367	1777.446	401.268	0.999
9/28/2017 3:30		2352600	0.513	22.545	1.156	2491.678	2614.252	1.368	1777.692	401.336	0.999
9/28/2017 3:45		2353500	0.519	22.533	1.168	2490.596	2613.775	1.367	1777.367	401.51	0.999
9/28/2017 4:00		2354400	0.522	22.521	1.176	2488.822	2612.534	1.367	1776.523	401.797	0.999
9/28/2017 4:15		2355300	0.529	22.511	1.192	2488.528	2612.742	1.367	1776.665	401.844	0.999
9/28/2017 4:30		2356200	0.53	22.499	1.194	2487.896	2612.709	1.367	1776.642	401.946	0.999
9/28/2017 4:45		2357100	0.527	22.476	1.188	2486.663	2612.593	1.367	1776.563	402.145	0.999
9/28/2017 5:00		2358000	0.53	22.459	1.194	2485.899	2612.715	1.367	1776.647	402.269	0.999
9/28/2017 5:15		2358900	0.53	22.437	1.194	2484.507	2612.39	1.366	1776.425	402.494	0.999
9/28/2017 5:30		2359800	0.534	22.413	1.202	2482.349	2611.384	1.366	1775.741	402.844	0.999
9/28/2017 5:45		2360700	0.535	22.386	1.205	2479.72	2610.009	1.365	1774.806	403.271	0.999
9/28/2017 6:00		2361600	0.529	22.358	1.193	2477.473	2609.158	1.365	1774.228	403.637	0.999
9/28/2017 6:15		2362500	0.532	22.326	1.199	2474.858	2608.04	1.364	1773.467	404.064	0.999
9/28/2017 6:30		2363400	0.529	22.292	1.191	24					

9/28/2017 10:00	2376000	0.031	20.854	0.07	0	0	0	0	10000000	0.998
9/28/2017 10:15	2376900	0.021	20.803	0.048	0	0	0	0	10000000	0.998
9/28/2017 10:30	2377800	0.081	20.861	0.181	0	0	0	0	10000000	0.998
9/28/2017 10:45	2378700	0.151	21.764	0.34	0	0	0	0	10000000	0.998
9/28/2017 11:00	2379600	0.222	22.742	0.499	0	0	0	0	10000000	0.998
9/28/2017 11:15	2380500	0.203	22.949	0.458	0	0	0	0	10000000	0.998
9/28/2017 11:30	2381400	0.252	23.182	0.568	0	0	0	0	10000000	0.997
9/28/2017 11:45	2382300	0.241	23.658	0.542	0	0	0	0	10000000	0.997
9/28/2017 12:00	2383200	0.249	23.877	0.561	0	0	0	0	10000000	0.997
9/28/2017 12:15	2384100	0.282	24.139	0.635	0	0	0	0	10000000	0.997
9/28/2017 12:30	2385000	0.263	24.446	0.591	0	0	0	0	10000000	0.997
9/28/2017 12:45	2385900	0.257	24.159	0.58	0	0	0	0	10000000	0.997
9/28/2017 13:00	2386800	0.282	24.415	0.634	0	0	0	0	10000000	0.997
9/28/2017 13:15	2387700	0.332	24.671	0.749	0	0	0	0	10000000	0.997
9/28/2017 13:30	2388600	0.406	25.346	0.916	0	0	0	0	10000000	0.997
9/28/2017 13:45	2389500	0.352	25.433	0.794	0	0	0	0	10000000	0.997
9/28/2017 14:00	2390400	19.206	15.223	43.263	40357.457	49624.332	32.511	33744.547	24.779	1.024
9/28/2017 14:15	2391300	19.203	14.917	43.257	40407.781	50046.152	32.795	34031.383	24.748	1.024
9/28/2017 14:30	2392200	19.201	14.925	43.253	40518.684	50174.262	32.889	34118.5	24.68	1.024
9/28/2017 14:45	2393100	19.198	14.929	43.246	40634.133	50311.641	32.99	34211.914	24.61	1.024
9/28/2017 15:00	2394000	19.2	14.932	43.249	40689.098	50376.332	33.038	34255.91	24.577	1.024
9/28/2017 15:15	2394900	19.195	14.932	43.238	40797.594	50510.539	33.136	34347.168	24.511	1.025
9/28/2017 15:30	2395800	19.191	14.937	43.23	40872.664	50597.34	33.2	34406.191	24.466	1.025
9/28/2017 15:45	2396700	19.191	14.932	43.229	40946.973	50695.48	33.271	34472.926	24.422	1.025
9/28/2017 16:00	2397600	19.191	14.933	43.228	40985.93	50742.324	33.306	34504.785	24.399	1.025
9/28/2017 16:15	2398500	19.189	14.934	43.226	41079.23	50857.313	33.39	34582.973	24.343	1.025
9/28/2017 16:30	2399400	19.185	14.931	43.216	41129.844	50922.957	33.438	34627.609	24.313	1.025
9/28/2017 16:45	2400300	19.183	14.932	43.211	41155.207	50953.293	33.46	34648.238	24.298	1.025
9/28/2017 17:00	2401200	19.182	14.933	43.209	41133.879	50926.242	33.441	34629.844	24.311	1.025
9/28/2017 17:15	2402100	19.177	14.935	43.199	41225.504	51036.59	33.522	34704.883	24.257	1.025
9/28/2017 17:30	2403000	19.177	14.934	43.198	41225.891	51038.98	33.523	34706.508	24.257	1.025
9/28/2017 17:45	2403900	19.177	14.933	43.198	41253.152	51073.59	33.549	34730.047	24.241	1.025
9/28/2017 18:00	2404800	19.178	14.931	43.201	41252.375	51074.664	33.549	34730.773	24.241	1.025
9/28/2017 18:15	2405700	19.177	14.933	43.197	41213.375	51023.809	33.512	34696.195	24.264	1.025
9/28/2017 18:30	2406600	19.175	14.935	43.194	41262.875	51083.621	33.556	34736.867	24.235	1.025
9/28/2017 18:45	2407500	19.172	14.933	43.186	41247.617	51067.281	33.544	34725.75	24.244	1.025
9/28/2017 19:00	2408400	19.171	14.932	43.184	41224.805	51039.148	33.523	34706.625	24.257	1.025
9/28/2017 19:15	2409300	19.174	14.933	43.192	41267.449	51091.723	33.562	34742.375	24.232	1.025
9/28/2017 19:30	2410200	19.174	14.933	43.19	41227.09	51041.754	33.525	34708.398	24.256	1.025
9/28/2017 19:45	2411100	19.167	14.933	43.175	41262.953	51086.27	33.558	34738.668	24.235	1.025
9/28/2017 20:00	2412000	19.169	14.931	43.18	41251.063	51073.363	33.548	34729.891	24.242	1.025
9/28/2017 20:15	2412900	19.163	14.934	43.167	41267.672	51090.074	33.561	34741.254	24.232	1.025
9/28/2017 20:30	2413800	19.161	14.932	43.162	41243.262	51062.531	33.54	34722.527	24.246	1.025
9/28/2017 20:45	2414700	19.163	14.929	43.167	41250.605	51074.719	33.549	34730.813	24.242	1.025
9/28/2017 21:00	2415600	19.16	14.934	43.16	41238.246	51053.855	33.534	34716.621	24.249	1.025
9/28/2017 21:15	2416500	19.152	14.931	43.143	41260.684	51085.172	33.557	34737.918	24.236	1.025
9/28/2017 21:30	2417400	19.154	14.931	43.146	41253.133	51075.926	33.55	34731.633	24.241	1.025
9/28/2017 21:45	2418300	19.149	14.934	43.134	41237.766	51053.586	33.534	34716.438	24.25	1.025
9/28/2017 22:00	2419200	19.151	14.932	43.14	41231.215	51048.043	33.53	34712.668	24.253	1.025
9/28/2017 22:15	2420100	19.149	14.93	43.134	41265.332	51092.855	33.563	34743.141	24.233	1.025
9/28/2017 22:30	2421000	19.145	14.931	43.126	41264.211	51090.176	33.561	34741.32	24.234	1.025
9/28/2017 22:45	2421900	19.143	14.928	43.122	41270.215	51100.918	33.568	34748.625	24.231	1.025
9/28/2017 23:00	2422800	19.143	14.927	43.122	41273.762	51106.281	33.572	34752.273	24.228	1.025
9/28/2017 23:15	2423700	19.137	14.931	43.108	41247.688	51068.758	33.545	34726.758	24.244	1.025
9/28/2017 23:30	2424600	19.131	14.929	43.094	41229.863	51049.363	33.531	34713.57	24.254	1.025
9/28/2017 23:45	2425500	19.127	14.927	43.084	41272.465	51105.219	33.571	34751.551	24.229	1.025
9/29/2017 0:00	2426400	19.131	14.926	43.095	41243.563	51069.539	33.545	34727.289	24.246	1.025
9/29/2017 0:15	2427300	19.124	14.928	43.08	41246.465	51071.512	33.547	34728.629	24.245	1.025
9/29/2017 0:30	2428200	19.124	14.929	43.078	41289.828	51123.5	33.585	34763.98	24.219	1.025
9/29/2017 0:45	2429100	19.119	14.926	43.067	41276.879	51111.422	33.576	34755.77	24.227	1.025
9/29/2017 1:00	2430000	19.119	14.926	43.068	41242.555	51068.816	33.545	34726.801	24.247	1.025
9/29/2017 1:15	2430900	19.114	14.926	43.056	41269.969	51102.766	33.569	34749.887	24.231	1.025
9/29/2017 1:30	2431800	19.111	14.927	43.05	41279.449	51113.219	33.577	34756.988	24.225	1.025
9/29/2017 1:45	2432700	19.112	14.926	43.051	41271.594	51104.246	33.571	34750.891	24.23	1.025
9/29/2017 2:00	2433600	19.107	14.923	43.04	41222.359	51047.336	33.529	34712.188	24.259	1.025
9/29/2017 2:15	2434500	19.102	14.93	43.028	41249.809	51073.402	33.548	34729.914	24.243	1.025
9/29/2017 2:30	2435400	19.102	14.923	43.029	41281.559	51120.75	33.582	34762.113	24.224	1.025
9/29/2017 2:45	2436300	19.105	14.923	43.037	41247.441	51078.188	33.551	34733.168	24.244	1.025
9/29/2017 3:00	2437200	19.094	14.925	43.011	41230.359	51054.777	33.534	34717.25	24.254	1.025
9/29/2017 3:15	2438100	19.094	14.929	43.01	41244.852	51068.129	33.544	34726.328	24.245	1.025
9/29/2017 3:30	2439000	19.093	14.923	43.008	41238.125	51067.285	33.543	34725.754	24.249	1.025
9/29/2017 3:45	2439900	19.085	14.925	42.991	41257.328	51088.707	33.559	34740.32	24.238	1.025
9/29/2017 4:00	2440800	19.085	14.923	42.991	41283.871	51123.723	33.585	34764.133	24.223	1.025
9/29/2017 4:15	2441700	19.081	14.925	42.983	41262.859	51095.441	33.564	34744.902	24.235	1.025
9/29/2017 4:30	2442600	19.894	14.908	44.813	41225.496	51069.93	33.544	34727.555	24.257	1.025
9/29/2017 4:45	2443500	20.075	14.903	45.22	41241.082	51094.484	33.562	34744.25	24.248	1.025
9/29/2017 5:00	2444400	20.203	14.893	45.51	41197.914	51053.621	33.531	34716.461	24.273	1.025
9/29/2017 5:15	2445300	20.308	14.892	45.745	41241.766	51108.5	33.571	34753.785	24.247	1.025
9/29/2017 5:30	2446200	20.395	14.894	45.943	41201.777	51057.453	33.534	34719.07	24.271	1.025
9/29/2017 5:45	2447100	20.467	14.885	46.103	41213.523	51082.172	33.551	34735.883	24.264	1.025
9/29/2017 6:00	2448000	20.541	14.887	46.27	41188.02	51048.855	33.527	34713.223	24.279	1.025
9/29/2017 6:15	2448900	20.605	14.884	46.414	41197.25	51063.395	33.537	34723.109	24.273	1.025
9/29/2017 6:30	2449800	20.652	14.883	46.52	41227.395	51102.68	33.566	34749.824	24.256	1.025
9/29/2017 6:45	2450700	20.703	14.88	46.636	41194.207	51065.184	33.538	34724.328	24.275	1.025
9/29/2017 7:00	2451600	20.75	14.88	46.741	41184.598	51053.168	33.529	34716.156	24.281	1.025
9/29/2017 7:15	2452500	20.792	14.883	46.836	41192.32	51058.777	33.534	34719.969	24.276	1.025
9/29/2017 7:30	2453400	20.831	14.882	46.923	41190.633	51058.09	33.533	34719.5	24.277	1.025
9/29/2017 7:45	2454300	20.873	14.873	47.018	41199.098	51078.527	33.547	34733.398	24.272	1.025
9/29/2017 8:00	2455200	20.901	14.878	47.083	41208.109	51084.254	33.552	34737.293	24.267	1.025
9/29/2017 8:15	2456100	20.935	14.874	47.158	41214.324	51097.293	33.561	34746.164	24.263	1.025
9/29/2017 8:30	2457000	20.959	14.871							

9/30/2017 6:30	2536200	19.158	14.927	43.156	41272.379	51104.676	33.571	34751.184	24.229	1.025
9/30/2017 6:45	2537100	19.15	14.926	43.137	41300.969	51141.047	33.598	34775.918	24.213	1.025
9/30/2017 7:00	2538000	19.149	14.925	43.134	41239.789	51067.109	33.543	34725.637	24.248	1.025
9/30/2017 7:15	2538900	19.146	14.929	43.129	41252.688	51078.367	33.552	34733.293	24.241	1.025
9/30/2017 7:30	2539800	19.139	14.927	43.112	41233.145	51055.887	33.535	34718.008	24.252	1.025
9/30/2017 7:45	2540700	19.136	14.925	43.106	41286.59	51124.73	33.585	34764.816	24.221	1.025
9/30/2017 8:00	2541600	19.13	14.922	43.092	41244.691	51076.375	33.55	34731.934	24.246	1.025
9/30/2017 8:15	2542500	19.132	14.932	43.097	41230.004	51046.328	33.529	34711.508	24.254	1.025
9/30/2017 8:30	2543400	19.123	14.926	43.077	41254.313	51083.91	33.556	34737.063	24.24	1.025
9/30/2017 8:45	2544300	19.126	14.928	43.083	41263.48	51092.91	33.562	34743.184	24.235	1.025
9/30/2017 9:00	2545200	19.118	14.925	43.066	41271.711	51106.09	33.572	34752.145	24.23	1.025
9/30/2017 9:15	2546100	19.115	14.928	43.059	41276.645	51109.102	33.574	34754.188	24.227	1.025
9/30/2017 9:30	2547000	19.117	14.925	43.062	41220.914	51042.758	33.525	34709.074	24.26	1.025
9/30/2017 9:45	2547900	19.114	14.927	43.056	41247.32	51073.336	33.548	34729.871	24.244	1.025
9/30/2017 10:00	2548800	19.109	14.927	43.045	41275.57	51108.52	33.574	34753.797	24.227	1.025
9/30/2017 10:15	2549700	19.106	14.928	43.038	41270.305	51100.387	33.568	34748.266	24.23	1.025
9/30/2017 10:30	2550600	19.108	14.928	43.042	41219.797	51038.391	33.522	34706.109	24.26	1.025
9/30/2017 10:45	2551500	19.104	14.925	43.033	41245.316	51072.973	33.548	34729.621	24.245	1.025
9/30/2017 11:00	2552400	19.093	14.928	43.01	41221.207	51039.715	33.523	34707.008	24.259	1.025
9/30/2017 11:15	2553300	19.098	14.925	43.02	41260.715	51092.582	33.562	34742.957	24.236	1.025
9/30/2017 11:30	2554200	19.095	14.929	43.012	41275.891	51106.242	33.572	34752.246	24.227	1.025
9/30/2017 11:45	2555100	19.093	14.928	43.01	41291.625	51126.906	33.587	34766.301	24.218	1.025
9/30/2017 12:00	2556000	19.089	14.928	43	41245.168	51069.805	33.545	34727.469	24.245	1.025
9/30/2017 12:15	2556900	19.092	14.926	43.006	41283.063	51119.078	33.581	34760.977	24.223	1.025
9/30/2017 12:30	2557800	19.09	14.927	43.001	41246.891	51073.43	33.548	34729.934	24.244	1.025
9/30/2017 12:45	2558700	19.087	14.927	42.996	41244.258	51070.168	33.546	34727.719	24.246	1.025
9/30/2017 13:00	2559600	19.084	14.925	42.988	41271.465	51105.895	33.572	34752.012	24.23	1.025
9/30/2017 13:15	2560500	19.084	14.927	42.989	41276.484	51110.074	33.575	34754.852	24.227	1.025
9/30/2017 13:30	2561400	19.085	14.927	42.991	41256.137	51085	33.556	34737.801	24.239	1.025
9/30/2017 13:45	2562300	19.083	14.93	42.986	41269.648	51097.867	33.566	34746.551	24.231	1.025
9/30/2017 14:00	2563200	19.078	14.929	42.975	41252.105	51076.684	33.551	34732.148	24.241	1.025
9/30/2017 14:15	2564100	19.081	14.932	42.981	41242.609	51061.938	33.54	34722.117	24.247	1.025
9/30/2017 14:30	2565000	19.084	14.93	42.988	41257.855	51083.164	33.555	34736.555	24.238	1.025
9/30/2017 14:45	2565900	19.076	14.929	42.97	41290.656	51125.066	33.586	34765.051	24.219	1.025
9/30/2017 15:00	2566800	19.072	14.93	42.961	41270.215	51098.57	33.567	34747.027	24.231	1.025
9/30/2017 15:15	2567700	19.077	14.933	42.973	41264.32	51087.848	33.559	34739.738	24.234	1.025
9/30/2017 15:30	2568600	19.074	14.929	42.967	41254.699	51080.324	33.553	34734.621	24.24	1.025
9/30/2017 15:45	2569500	19.078	14.93	42.975	41269.941	51098.129	33.566	34746.727	24.231	1.025
9/30/2017 16:00	2570400	19.07	14.928	42.956	41266.383	51095.961	33.565	34745.254	24.233	1.025
9/30/2017 16:15	2571300	19.076	14.927	42.97	41262.953	51093.219	33.563	34743.395	24.235	1.025
9/30/2017 16:30	2572200	19.077	14.93	42.973	41286.07	51117.551	33.581	34759.934	24.221	1.025
9/30/2017 16:45	2573100	19.077	14.929	42.973	41217.629	51034.742	33.52	34703.629	24.261	1.025
9/30/2017 17:00	2574000	19.073	14.93	42.964	41281.27	51112.477	33.577	34756.484	24.224	1.025
9/30/2017 17:15	2574900	19.08	14.929	42.979	41266.746	51095.461	33.564	34744.914	24.233	1.025
9/30/2017 17:30	2575800	19.076	14.93	42.97	41278.363	51107.898	33.574	34753.371	24.226	1.025
9/30/2017 17:45	2576700	19.074	14.929	42.967	41252.48	51078.113	33.552	34733.121	24.241	1.025
9/30/2017 18:00	2577600	19.079	14.928	42.977	41254.16	51080.828	33.554	34734.965	24.24	1.025
9/30/2017 18:15	2578500	19.08	14.929	42.979	41274.375	51105.223	33.571	34751.551	24.228	1.025
9/30/2017 18:30	2579400	19.084	14.928	42.988	41226.367	51046.727	33.529	34711.777	24.256	1.025
9/30/2017 18:45	2580300	19.081	14.931	42.981	41254.84	51078.461	33.552	34733.355	24.24	1.025
9/30/2017 19:00	2581200	19.085	14.928	42.99	41245.504	51070.008	33.546	34727.609	24.245	1.025
9/30/2017 19:15	2582100	19.086	14.924	42.994	41253.383	51084.141	33.556	34737.219	24.24	1.025
9/30/2017 19:30	2583000	19.084	14.929	42.989	41249.43	51073.801	33.548	34730.188	24.243	1.025
9/30/2017 19:45	2583900	19.091	14.927	43.004	41279.02	51112.465	33.577	34756.477	24.225	1.025
9/30/2017 20:00	2584800	19.09	14.928	43.003	41247.16	51072.371	33.547	34729.215	24.244	1.025
9/30/2017 20:15	2585700	19.09	14.927	43.003	41258.234	51086.852	33.558	34739.059	24.238	1.025
9/30/2017 20:30	2586600	19.091	14.927	43.005	41282.922	51117.297	33.58	34759.762	24.223	1.025
9/30/2017 20:45	2587500	19.09	14.927	43.001	41256.957	51085.27	33.557	34737.988	24.238	1.025
9/30/2017 21:00	2588400	19.1	14.928	43.026	41265.762	51095.508	33.564	34744.945	24.233	1.025
9/30/2017 21:15	2589300	19.096	14.929	43.015	41255.887	51081.582	33.554	34735.477	24.239	1.025
9/30/2017 21:30	2590200	19.099	14.931	43.023	41246.18	51067.52	33.544	34725.914	24.245	1.025
9/30/2017 21:45	2591100	19.096	14.926	43.016	41243.172	51069.258	33.545	34727.098	24.246	1.025
9/30/2017 22:00	2592000	19.1	14.928	43.024	41251.773	51078.418	33.552	34733.324	24.241	1.025
9/30/2017 22:15	2592900	19.1	14.927	43.026	41279	51112.332	33.577	34756.391	24.225	1.025
9/30/2017 22:30	2593800	19.1	14.928	43.025	41246.473	51071.105	33.546	34728.352	24.244	1.025
9/30/2017 22:45	2594700	19.102	14.928	43.029	41269.164	51099.203	33.567	34747.461	24.231	1.025
9/30/2017 23:00	2595600	19.101	14.926	43.027	41270.77	51103.539	33.57	34750.406	24.23	1.025
9/30/2017 23:15	2596500	19.104	14.928	43.033	41248.07	51073.832	33.548	34730.211	24.244	1.025
9/30/2017 23:30	2597400	19.099	14.927	43.021	41226.938	51048.301	33.53	34712.844	24.256	1.025
9/30/2017 23:45	2598300	19.1	14.927	43.025	41233.328	51055.781	33.535	34717.93	24.252	1.025
10/1/2017 0:00	2599200	19.097	14.928	43.018	41227.262	51047.422	33.529	34712.246	24.256	1.025
10/1/2017 0:15	2600100	19.099	14.926	43.023	41262.582	51093.617	33.563	34743.66	24.235	1.025
10/1/2017 0:30	2601000	19.088	14.926	42.997	41230.188	51052.977	33.533	34716.027	24.254	1.025
10/1/2017 0:45	2601900	19.09	14.926	43.002	41257.129	51086.965	33.558	34739.141	24.238	1.025
10/1/2017 1:00	2602800	19.087	14.925	42.996	41273.234	51107.867	33.573	34753.352	24.229	1.025
10/1/2017 1:15	2603700	19.084	14.925	42.989	41269.777	51104.34	33.571	34750.953	24.231	1.025
10/1/2017 1:30	2604600	19.084	14.929	42.989	41267.383	51095.816	33.565	34745.16	24.232	1.025
10/1/2017 1:45	2605500	19.078	14.924	42.975	41240.719	51068.461	33.544	34726.555	24.248	1.025
10/1/2017 2:00	2606400	19.074	14.927	42.965	41240.102	51064.711	33.542	34724.008	24.248	1.025
10/1/2017 2:15	2607300	19.07	14.926	42.958	41264.34	51095.469	33.564	34744.918	24.234	1.025
10/1/2017 2:30	2608200	19.068	14.93	42.953	41305.59	51142.367	33.599	34776.809	24.21	1.025
10/1/2017 2:45	2609100	19.063	14.928	42.942	41255.934	51083.234	33.555	34736.602	24.239	1.025
10/1/2017 3:00	2610000	19.064	14.927	42.943	41262.492	51092.121	33.562	34742.645	24.235	1.025
10/1/2017 3:15	2610900	19.061	14.927	42.937	41237.57	51061.145	33.539	34721.582	24.225	1.025
10/1/2017 3:30	2611800	19.062	14.927	42.938	41249.02	51075.441	33.55	34731.305	24.243	1.025
10/1/2017 3:45	2612700	19.054	14.928	42.921	41262.695	51091.711	33.562	34742.367	24.235	1.025
10/1/2017 4:00	2613600	19.055	14.926	42.922	41252.594	51081.148	33.554	34735.18	24.241	1.025
10/1/2017 4:15	2614500	19.051	14.							

10/2/2017 3:00	2696400	18.99	14.928	42.776	41279.488	51111.758	33.576	34755.996	24.225	1.025
10/2/2017 3:15	2697300	18.986	14.93	42.768	41279.52	51110.422	33.575	34755.09	24.225	1.025
10/2/2017 3:30	2698200	18.982	14.928	42.76	41251.922	51078.371	33.552	34733.297	24.241	1.025
10/2/2017 3:45	2699100	18.978	14.929	42.75	41253.305	51078.387	33.552	34733.309	24.24	1.025
10/2/2017 4:00	2700000	18.98	14.927	42.753	41266.863	51097.203	33.566	34746.098	24.233	1.025
10/2/2017 4:15	2700900	18.98	14.928	42.754	41268.945	51099.035	33.567	34747.344	24.231	1.025
10/2/2017 4:30	2701800	18.975	14.929	42.742	41262.949	51090.43	33.561	34741.492	24.235	1.025
10/2/2017 4:45	2702700	18.98	14.93	42.753	41236.172	51056.75	33.536	34718.59	24.251	1.025
10/2/2017 5:00	2703600	18.973	14.928	42.737	41271.449	51101.922	33.569	34749.309	24.23	1.025
10/2/2017 5:15	2704500	18.972	14.927	42.736	41261.84	51090.984	33.561	34741.871	24.235	1.025
10/2/2017 5:30	2705400	18.968	14.927	42.728	41265.547	51096.43	33.565	34745.574	24.233	1.025
10/2/2017 5:45	2706300	18.968	14.926	42.727	41218.281	51038.547	33.522	34706.211	24.261	1.025
10/2/2017 6:00	2707200	18.961	14.928	42.712	41249.52	51075.191	33.549	34731.129	24.243	1.025
10/2/2017 6:15	2708100	18.961	14.926	42.712	41246.648	51074.309	33.549	34730.535	24.244	1.025
10/2/2017 6:30	2709000	18.965	14.928	42.72	41252.598	51078.895	33.552	34733.648	24.241	1.025
10/2/2017 6:45	2709900	18.965	14.929	42.72	41257.469	51083.219	33.555	34736.59	24.238	1.025
10/2/2017 7:00	2710800	18.961	14.927	42.712	41300.68	51139.406	33.596	34774.801	24.213	1.025
10/2/2017 7:15	2711700	18.961	14.929	42.712	41217.055	51033.828	33.519	34703.008	24.262	1.025
10/2/2017 7:30	2712600	18.959	14.93	42.708	41253.465	51077.621	33.551	34732.785	24.24	1.025
10/2/2017 7:45	2713500	18.958	14.928	42.705	41224.469	51043.633	33.526	34709.676	24.257	1.025
10/2/2017 8:00	2714400	18.956	14.929	42.699	41228.465	51047.41	33.529	34712.238	24.255	1.025
10/2/2017 8:15	2715300	18.958	14.928	42.705	41256.328	51083.309	33.555	34736.648	24.239	1.025
10/2/2017 8:30	2716200	18.952	14.93	42.692	41287.617	51119.906	33.582	34761.535	24.22	1.025
10/2/2017 8:45	2717100	18.948	14.931	42.682	41254.609	51077.43	33.551	34732.656	24.24	1.025
10/2/2017 9:00	2718000	18.953	14.931	42.693	41247.824	51069.355	33.545	34727.16	24.244	1.025
10/2/2017 9:15	2718900	18.951	14.932	42.689	41245.039	51065.16	33.542	34724.313	24.245	1.025
10/2/2017 9:30	2719800	18.95	14.929	42.687	41211.949	51026.855	33.514	34698.266	24.265	1.025
10/2/2017 9:45	2720700	18.951	14.93	42.689	41256.469	51081.227	33.554	34735.238	24.239	1.025
10/2/2017 10:00	2721600	18.946	14.93	42.678	41213.762	51028.461	33.515	34699.355	24.264	1.025
10/2/2017 10:15	2722500	18.947	14.929	42.679	41258.148	51084.484	33.556	34737.449	24.238	1.025
10/2/2017 10:30	2723400	18.95	14.929	42.687	41245.492	51068.391	33.545	34726.508	24.245	1.025
10/2/2017 10:45	2724300	18.951	14.933	42.689	41268.957	51093.703	33.563	34743.723	24.231	1.025
10/2/2017 11:00	2725200	18.949	14.929	42.684	41225.293	51043.594	33.526	34709.645	24.257	1.025
10/2/2017 11:15	2726100	18.95	14.929	42.687	41209.883	51024.297	33.512	34696.527	24.266	1.025
10/2/2017 11:30	2727000	18.953	14.929	42.693	41233.328	51054.289	33.534	34716.918	24.252	1.025
10/2/2017 11:45	2727900	18.949	14.928	42.685	41195.98	51008.688	33.501	34685.91	24.274	1.025
10/2/2017 12:00	2728800	18.952	14.928	42.692	41207.844	51022.945	33.511	34695.602	24.267	1.025
10/2/2017 12:15	2729700	18.95	14.932	42.687	41265.73	51090.563	33.561	34741.586	24.233	1.025
10/2/2017 12:30	2730600	18.95	14.929	42.687	41203.207	51016.457	33.506	34691.191	24.27	1.025
10/2/2017 12:45	2731500	18.951	14.93	42.689	41248.605	51072.031	33.547	34728.98	24.243	1.025
10/2/2017 13:00	2732400	18.944	14.93	42.673	41283.262	51114.723	33.579	34758.016	24.223	1.025
10/2/2017 13:15	2733300	18.95	14.929	42.687	41253.074	51078.738	33.552	34733.543	24.241	1.025
10/2/2017 13:30	2734200	18.944	14.93	42.673	41221.32	51037.172	33.522	34705.281	24.259	1.025
10/2/2017 13:45	2735100	18.942	14.931	42.669	41249.488	51071.836	33.547	34728.848	24.243	1.025
10/2/2017 14:00	2736000	18.944	14.929	42.674	41228.75	51047.984	33.53	34712.633	24.255	1.025
10/2/2017 14:15	2736900	18.941	14.93	42.666	41242.355	51063.863	33.541	34723.426	24.247	1.025
10/2/2017 14:30	2737800	18.941	14.93	42.667	41220.219	51036.141	33.521	34704.574	24.26	1.025
10/2/2017 14:45	2738700	18.942	14.934	42.668	41209.297	51018.016	33.508	34692.254	24.266	1.025
10/2/2017 15:00	2739600	18.939	14.933	42.661	41248.816	51068.543	33.545	34726.613	24.243	1.025
10/2/2017 15:15	2740500	18.933	14.932	42.649	41241.859	51061.008	33.539	34721.484	24.247	1.025
10/2/2017 15:30	2741400	18.932	14.93	42.645	41218.621	51034.906	33.52	34703.738	24.261	1.025
10/2/2017 15:45	2742300	18.929	14.932	42.64	41256.746	51078.691	33.552	34733.512	24.238	1.025
10/2/2017 16:00	2743200	18.929	14.931	42.639	41251.629	51073.961	33.549	34730.293	24.241	1.025
10/2/2017 16:15	2744100	18.929	14.933	42.638	41209.254	51019.461	33.509	34693.238	24.266	1.025
10/2/2017 16:30	2745000	18.929	14.928	42.639	41183.512	50992.816	33.489	34675.117	24.282	1.025
10/2/2017 16:45	2745900	18.925	14.93	42.63	41225.645	51043.484	33.526	34709.57	24.257	1.025
10/2/2017 17:00	2746800	18.923	14.932	42.625	41256.535	51078.746	33.552	34733.547	24.239	1.025
10/2/2017 17:15	2747700	18.927	14.932	42.635	41256.34	51078.504	33.552	34733.383	24.239	1.025
10/2/2017 17:30	2748600	18.921	14.931	42.621	41207.055	51018.664	33.508	34692.691	24.268	1.025
10/2/2017 17:45	2749500	18.923	14.929	42.626	41233.855	51054.516	33.534	34717.07	24.252	1.025
10/2/2017 18:00	2750400	18.921	14.932	42.621	41246.594	51066.559	33.543	34725.262	24.244	1.025
10/2/2017 18:15	2751300	18.923	14.932	42.626	41252.18	51073.141	33.548	34729.734	24.241	1.025
10/2/2017 18:30	2752200	18.921	14.931	42.621	41257.094	51081.031	33.554	34735.105	24.238	1.025
10/2/2017 18:45	2753100	18.921	14.931	42.621	41263.051	51087.992	33.539	34739.836	24.235	1.025
10/2/2017 19:00	2754000	18.914	14.933	42.606	41241.113	51058.797	33.538	34719.98	24.248	1.025
10/2/2017 19:15	2754900	18.929	14.93	42.64	41234.723	51054.625	33.534	34717.148	24.251	1.025
10/2/2017 19:30	2755800	18.919	14.929	42.616	41221.027	51038.203	33.522	34705.977	24.259	1.025
10/2/2017 19:45	2756700	18.921	14.931	42.621	41234.469	51052.289	33.533	34715.563	24.252	1.025
10/2/2017 20:00	2757600	18.922	14.93	42.625	41238.75	51059.941	33.538	34720.766	24.249	1.025
10/2/2017 20:15	2758500	18.919	14.93	42.616	41225.012	51041.953	33.525	34708.531	24.257	1.025
10/2/2017 20:30	2759400	18.923	14.93	42.627	41236.195	51056.547	33.536	34718.457	24.251	1.025
10/2/2017 20:45	2760300	18.925	14.932	42.631	41219.891	51033.922	33.519	34703.066	24.26	1.025
10/2/2017 21:00	2761200	18.925	14.93	42.632	41218.805	51034.707	33.52	34703.602	24.261	1.025
10/2/2017 21:15	2762100	18.925	14.933	42.629	41226.23	51040.805	33.525	34707.75	24.256	1.025
10/2/2017 21:30	2763000	18.934	14.932	42.651	41242.496	51061.254	33.54	34721.652	24.247	1.025
10/2/2017 21:45	2763900	18.933	14.93	42.649	41219.809	51035.633	33.521	34704.23	24.26	1.025
10/2/2017 22:00	2764800	18.939	14.932	42.663	41259.691	51083.301	33.556	34736.645	24.237	1.025
10/2/2017 22:15	2765700	18.942	14.929	42.669	41228.648	51047.75	33.529	34712.473	24.255	1.025
10/2/2017 22:30	2766600	18.941	14.931	42.667	41233.902	51052.418	33.533	34715.645	24.252	1.025
10/2/2017 22:45	2767500	18.944	14.933	42.673	41234.457	51050.445	33.532	34714.305	24.252	1.025
10/2/2017 23:00	2768400	18.944	14.929	42.673	41247.383	51071.055	33.546	34728.316	24.244	1.025
10/2/2017 23:15	2769300	18.949	14.932	42.684	41236.945	51054.18	33.534	34716.848	24.25	1.025
10/2/2017 23:30	2770200	18.953	14.932	42.694	41242.785	51061.613	33.54	34721.902	24.247	1.025
10/2/2017 23:45	2771100	18.952	14.934	42.692	41237.902	51054.074	33.534	34716.77	24.25	1.025
10/3/2017 0:00	2772000	18.957	14.93	42.701	41263.008	51089.117	33.56	34740.605	24.235	1.025
10/3/2017 0:15	2772900	18.952	14.93	42.692	41216.508	51031.215	33.517	34701.23	24.262	1.025
10/3/2017 0:30	2773800	18.954	14.932	42.696	41230.102	51045.703	33.528	34711.078	24.254	1.025
10/3/2017 0:45	2774700	1								

10/3/2017 23:30	2856600	18.914	14.932	42.606	41233.695	51050.359	33.532	34714.25	24.252	1.025
10/3/2017 23:45	2857500	18.913	14.931	42.603	41230.313	51047.973	33.53	34712.625	24.254	1.025
10/4/2017 0:00	2858400	18.919	14.932	42.616	41235.844	51053.246	33.534	34716.211	24.251	1.025
10/4/2017 0:15	2859300	18.917	14.934	42.613	41227.695	51041.117	33.525	34707.961	24.256	1.025
10/4/2017 0:30	2860200	18.921	14.931	42.621	41236.648	51055.301	33.535	34717.605	24.25	1.025
10/4/2017 0:45	2861100	18.919	14.931	42.616	41233.16	51051.5	33.532	34715.023	24.252	1.025
10/4/2017 1:00	2862000	18.916	14.933	42.611	41243.496	51061.32	33.54	34721.703	24.246	1.025
10/4/2017 1:15	2862900	18.919	14.932	42.616	41253.359	51074.5	33.549	34730.664	24.24	1.025
10/4/2017 1:30	2863800	18.921	14.933	42.621	41217.141	51028.691	33.516	34699.512	24.262	1.025
10/4/2017 1:45	2864700	18.917	14.934	42.613	41235.57	51051.078	33.532	34714.738	24.251	1.025
10/4/2017 2:00	2865600	18.919	14.932	42.616	41221.023	51034.465	33.52	34703.438	24.259	1.025
10/4/2017 2:15	2866500	18.915	14.933	42.608	41231.48	51047.305	33.529	34712.168	24.253	1.025
10/4/2017 2:30	2867400	18.913	14.932	42.603	41235.734	51052.68	33.533	34715.824	24.251	1.025
10/4/2017 2:45	2868300	18.909	14.932	42.593	41225.77	51041.086	33.525	34707.938	24.257	1.025
10/4/2017 3:00	2869200	18.905	14.931	42.585	41209.133	51021.75	33.51	34694.789	24.266	1.025
10/4/2017 3:15	2870100	18.9	14.931	42.574	41233.305	51050.852	33.532	34714.582	24.252	1.025
10/4/2017 3:30	2871000	18.896	14.93	42.566	41212.145	51025.914	33.513	34697.625	24.265	1.025
10/4/2017 3:45	2871900	18.89	14.93	42.551	41224.914	51042.813	33.526	34709.113	24.257	1.025
10/4/2017 4:00	2872800	18.887	14.93	42.544	41225.371	51043.379	33.526	34709.5	24.257	1.025
10/4/2017 4:15	2873700	18.885	14.934	42.54	41266.43	51089.168	33.56	34740.637	24.233	1.025
10/4/2017 4:30	2874600	18.88	14.93	42.529	41249.586	51073.359	33.548	34729.887	24.243	1.025
10/4/2017 4:45	2875500	18.878	14.931	42.525	41214.555	51028.164	33.515	34699.152	24.263	1.025
10/4/2017 5:00	2876400	18.87	14.932	42.506	41234.242	51051.367	33.532	34714.93	24.252	1.025
10/4/2017 5:15	2877300	18.873	14.932	42.512	41241.949	51060.375	33.539	34721.059	24.247	1.025
10/4/2017 5:30	2878200	18.872	14.933	42.511	41245.063	51063.371	33.541	34723.094	24.245	1.025
10/4/2017 5:45	2879100	18.869	14.933	42.505	41212.305	51022.586	33.511	34695.363	24.265	1.025
10/4/2017 6:00	2880000	18.864	14.934	42.494	41245.125	51062.59	33.541	34722.566	24.245	1.025
10/4/2017 6:15	2880900	18.869	14.932	42.503	41254.508	51076.883	33.551	34732.285	24.24	1.025
10/4/2017 6:30	2881800	18.866	14.933	42.496	41258.188	51080.043	33.553	34734.434	24.238	1.025
10/4/2017 6:45	2882700	18.862	14.932	42.488	41266.324	51090.652	33.561	34741.645	24.233	1.025
10/4/2017 7:00	2883600	18.86	14.931	42.483	41238.434	51058.258	33.537	34719.621	24.249	1.025
10/4/2017 7:15	2884500	18.855	14.934	42.472	41248.512	51066.988	33.544	34725.551	24.243	1.025
10/4/2017 7:30	2885400	18.858	14.935	42.479	41237.531	51052.125	33.533	34715.445	24.25	1.025
10/4/2017 7:45	2886300	18.855	14.936	42.472	41179.887	50979.793	33.48	34666.258	24.284	1.025
10/4/2017 8:00	2887200	18.856	14.934	42.474	41262.59	51083.668	33.556	34736.898	24.235	1.025
10/4/2017 8:15	2888100	18.853	14.934	42.467	41225.988	51038.578	33.523	34706.238	24.257	1.025
10/4/2017 8:30	2889000	18.852	14.936	42.466	41236.246	51048.707	33.531	34713.125	24.251	1.025
10/4/2017 8:45	2889900	18.853	14.934	42.469	41237.73	51052.895	33.534	34715.969	24.25	1.025
10/4/2017 9:00	2890800	18.845	14.937	42.449	41227.516	51037.469	33.522	34705.484	24.256	1.025
10/4/2017 9:15	2891700	18.852	14.938	42.465	41221.457	51028.809	33.516	34699.594	24.259	1.025
10/4/2017 9:30	2892600	18.848	14.934	42.457	41256.781	51076.477	33.551	34732.008	24.238	1.025
10/4/2017 9:45	2893500	18.852	14.933	42.466	41223.195	51036.504	33.521	34704.828	24.258	1.025
10/4/2017 10:00	2894400	18.845	14.936	42.45	41242.227	51056.535	33.536	34718.449	24.247	1.025
10/4/2017 10:15	2895300	18.847	14.935	42.456	41248.789	51066.059	33.543	34724.922	24.243	1.025
10/4/2017 10:30	2896200	18.852	14.935	42.466	41242.379	51057.379	33.537	34719.02	24.247	1.025
10/4/2017 10:45	2897100	18.847	14.935	42.455	41243.77	51059.305	33.538	34720.328	24.246	1.025
10/4/2017 11:00	2898000	18.847	14.937	42.455	41219.555	51026.977	33.515	34698.344	24.26	1.025
10/4/2017 11:15	2898900	18.853	14.936	42.468	41269.336	51090.094	33.561	34741.27	24.231	1.025
10/4/2017 11:30	2899800	18.853	14.935	42.469	41270.531	51092.121	33.562	34742.645	24.23	1.025
10/4/2017 11:45	2900700	18.852	14.934	42.465	41228.977	51042.914	33.526	34709.188	24.255	1.025
10/4/2017 12:00	2901600	18.857	14.936	42.476	41263.473	51083.27	33.556	34736.625	24.235	1.025
10/4/2017 12:15	2902500	18.855	14.934	42.472	41252.055	51070.738	33.547	34728.105	24.241	1.025
10/4/2017 12:30	2903400	18.852	14.935	42.466	41229.328	51042.191	33.526	34708.695	24.255	1.025
10/4/2017 12:45	2904300	18.857	14.936	42.478	41234.715	51046.813	33.529	34711.832	24.251	1.025
10/4/2017 13:00	2905200	18.855	14.935	42.472	41219.207	51029.125	33.516	34699.805	24.261	1.025
10/4/2017 13:15	2906100	18.859	14.935	42.482	41225.715	51036.641	33.522	34704.914	24.257	1.025
10/4/2017 13:30	2907000	18.86	14.936	42.483	41239.195	51052.68	33.534	34715.824	24.249	1.025
10/4/2017 13:45	2907900	18.857	14.935	42.478	41246.652	51063.102	33.541	34722.91	24.244	1.025
10/4/2017 14:00	2908800	18.858	14.933	42.479	41224.246	51037.27	33.522	34705.344	24.258	1.025
10/4/2017 14:15	2909700	18.861	14.934	42.487	41240.406	51056.75	33.536	34718.59	24.248	1.025
10/4/2017 14:30	2910600	18.857	14.934	42.477	41217.738	51028.043	33.515	34699.074	24.261	1.025
10/4/2017 14:45	2911500	18.859	14.933	42.483	41213.926	51025.348	33.513	34697.238	24.264	1.025
10/4/2017 15:00	2912400	18.859	14.936	42.482	41214.684	51022.016	33.511	34694.973	24.263	1.025
10/4/2017 15:15	2913300	18.855	14.936	42.472	41285.809	51110.922	33.576	34755.43	24.221	1.025
10/4/2017 15:30	2914200	18.858	14.936	42.479	41201.066	51005.691	33.499	34683.871	24.271	1.025
10/4/2017 15:45	2915100	18.857	14.935	42.478	41262.926	51082.816	33.556	34736.316	24.235	1.025
10/4/2017 16:00	2916000	18.853	14.936	42.469	41246.785	51062.406	33.541	34722.438	24.244	1.025
10/4/2017 16:15	2916900	18.852	14.934	42.466	41267.797	51089.914	33.561	34741.141	24.232	1.025
10/4/2017 16:30	2917800	18.845	14.934	42.45	41247.098	51065.031	33.542	34724.223	24.244	1.025
10/4/2017 16:45	2918700	18.846	14.934	42.452	41235.188	51049.543	33.531	34713.691	24.251	1.025
10/4/2017 17:00	2919600	18.837	14.936	42.432	41236.195	51049.18	33.531	34713.445	24.251	1.025
10/4/2017 17:15	2920500	18.842	14.936	42.442	41272.23	51093.906	33.564	34743.859	24.229	1.025
10/4/2017 17:30	2921400	18.837	14.937	42.432	41224.734	51033.934	33.52	34703.074	24.257	1.025
10/4/2017 17:45	2922300	18.839	14.938	42.437	41233.395	51043.473	33.527	34709.563	24.252	1.025
10/4/2017 18:00	2923200	19.535	14.928	44.005	41220.438	51039.074	33.523	34706.574	24.26	1.025
10/4/2017 18:15	2924100	19.756	14.912	44.503	41211.965	51047.512	33.528	34712.313	24.265	1.025
10/4/2017 18:30	2925000	19.891	14.912	44.806	41214.109	51050.805	33.53	34714.551	24.264	1.025
10/4/2017 18:45	2925900	20.002	14.905	45.057	41219.523	51065.629	33.541	34724.633	24.26	1.025
10/4/2017 19:00	2926800	20.095	14.901	45.266	41193.145	51038.301	33.52	34706.043	24.276	1.025
10/4/2017 19:15	2927700	20.181	14.9	45.459	41205.949	51055.227	33.532	34717.555	24.268	1.025
10/4/2017 19:30	2928600	20.252	14.898	45.619	41165.664	51007.461	33.497	34685.078	24.292	1.025
10/4/2017 19:45	2929500	20.31	14.896	45.751	41171.773	51017.918	33.505	34692.184	24.288	1.025
10/4/2017 20:00	2930400	20.375	14.894	45.896	41205.855	51061.645	33.537	34721.922	24.268	1.025
10/4/2017 20:15	2931300	20.425	14.89	46.01	41196.348	51055.324	33.532	34717.621	24.274	1.025
10/4/2017 20:30	2932200	20.477	14.887	46.126	41216.508	51083.621	33.552	34736.867	24.262	1.025
10/4/2017 20:45	2933100	20.527	14.885	46.239	41199.578	51065.211	33.539	34724.348	24.272	1.025
10/4/2017 21:00	2934000	20.568	14.881	46.332	41182.105	51047.941	33.526	34712.605	24.282	1.025
10/4/2017 21:15	2									

Report Date: 10/9/2017 9:49
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_2017-10-05_15-41-25-024-BaroMerge.ws
Create Date	10/9/2017 9:46

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	mkMakar
	Computer Name	PROBOOK10
	Application	WinStu.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: 0.0193
TDS Factor:	0.68

Date	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: Turn On
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: Elinden Interval - Start Time: 5/3/2016 12:00:00 PM Stop Time: 5/12/2016 3:30:00 PM
5/26/2016 13:29	Log Download - Used Battery: 4% Used Memory: 10% User Name: Skuiper Interval - Start Time: 5/17/2016 6:00:00 PM Stop Time: 5/26/2016 2:00:00 PM
6/2/2016 14:01	Log Download - Used Battery: 4% Used Memory: 12% User Name: Skuiper Interval - Start Time: 4/31/2016 10:00:00 PM Stop Time: 6/2/2016 2:44:45 PM
6/9/2016 10:11	Log Download - Used Battery: 5% Used Memory: 12% User Name: 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 10:00:00 PM Stop Time: 7/1/2016 7:15:00 PM
7/8/2016 6:42	Log Download - Used Battery: 6% Used Memory: 15% User Name: Skuiper Interval - Start Time: 6/29/2016 10:00:00 PM Stop Time: 7/8/2016 4:15:00 PM
7/14/2016 19:36	Log Download - Used Battery: 6% Used Memory: 17% User Name: Elinden Interval - Start Time: 7/5/2016 12:00:00 PM Stop Time: 7/14/2016 8:30:00 PM
7/21/2016 12:16	Log Download - Used Battery: 7% Used Memory: 17% User Name: Skuiper Interval - Start Time: 7/13/2016 10:00:00 PM Stop Time: 7/21/2016 12:15:00 PM
7/28/2016 9:23	Log Download - Used Battery: 7% Used Memory: 18% User Name: Skuiper Interval - Start Time: 7/20/2016 10:00:00 PM Stop Time: 7/28/2016 10:00:00 AM
8/4/2016 9:12	Log Download - Used Battery: 8% Used Memory: 18% User Name: Skuiper Interval - Start Time: 6/30/2016 10:00:00 PM Stop Time: 8/4/2016 9:45:00 AM
8/18/2016 13:11	Log Download - Used Battery: 8% Used Memory: 20% User Name: Elinden Interval - Start Time: 8/3/2016 12:00:00 PM Stop Time: 8/18/2016 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
9/28/2016 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: 9/28/2016 11:00:00 AM
9/30/2016 10:00	Log Download - Used Battery: 9% Used Memory: 23% User Name: Skuiper Interval - Start Time: 9/28/2016 12:00:00 PM Stop Time: 10/20/2016 8:00:00 AM
9/28/2016 15:10	Log Download - Used Battery: 10% Used Memory: 25% User Name: 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
9/26/2016 8:52	Log Download - Used Battery: 12% Used Memory: 28% User Name: Skuiper Interval - Start Time: 9/20/2016 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 PM
11/17/	

Log Data:
Record Count 3335

Sensors	2	
	1	446752 PCTD 100 PSIA (60.1m/197.3ft)

Time Zone: Pacific Daylight Time													
		Sensor: PCTD(A) 197.3ft SN#r: 446752	Sensor: PCTD(A) 197.3ft SN#r: 446752	Sensor: PCTD(A) 197.3ft SN#r: 446752	Sensor: PCTD(A) 197.3ft SN#r: 446752	Sensor: PCTD(A) 197.3ft SN#r: 446752	Sensor: PCTD(A) 197.3ft SN#r: 446752	Sensor: PCTD(A) 197.3ft SN#r: 446752	Sensor: PCTD(A) 197.3ft SN#r: 446752	Sensor: PCTD(A) 197.3ft SN#r: 446752	Sensor: PCTD(A) 197.3ft SN#r: 446752	Sensor: Baro-Adj Calc SN#r: 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)		
9/28/2017 0:00	2340000	122.883	19.624	276.805	41558.387	46313.828	30.352	31.493	24.063	1.021			
9/28/2017 0:15	2340900	122.878	19.629	276.794	41560.91	46312	30.351	31.492	24.061	1.021			
9/28/2017 0:30	2341800	122.865	19.636	276.766	41576.48	46322.402	30.359	31.499	24.052	1.021			
9/28/2017 0:45	2342700	122.87	19.642	276.777	41605.703	46348.941	30.378	31.517	24.035	1.021			
9/28/2017 1:00	2343600	122.869	19.638	276.775	41577.379	46321.516	30.358	31.499	24.052	1.021			
9/28/2017 1:15	2344500	122.873	19.636	276.784	41568.281	46312.754	30.352	31.493	24.057	1.021			
9/28/2017 1:30	2345400	122.883	19.645	276.805	41581.898	46319.328	30.357	31.497	24.049	1.021			
9/28/2017 1:45	2346300	122.9	19.632	276.844	41530.422	46274.945	30.324	31.467	24.079	1.021			
9/28/2017 2:00	2347200	122.916	19.639	276.881	41551.25	46290.766	30.336	31.478	24.067	1.021			
9/28/2017 2:15	2348100	122.92	19.641	276.889	41559.578	46298.766	30.342	31.483	24.062	1.021			
9/28/2017 2:30	2349000	122.936	19.637	276.926	41548.961	46291.137	30.336	31.478	24.068	1.021			
9/28/2017 2:45	2349900	122.956	19.63	276.971	41597.453	46351.359	30.38	31.519	24.04	1.021			
9/28/2017 3:00	2350800	122.964	19.627	276.989	41567.195	46321.328	30.357	31.499	24.057	1.021			
9/28/2017 3:15	2351700	122.992	19.626	277.001	41559.156	46313.051	30.351	31.493	24.062	1.021			
9/28/2017 3:30	2352600	123.01	19.622	277.093	41553.938	46310.938	30.35	31.491	24.065	1.021			
9/28/2017 3:45	2353500	123.027	19.631	277.129	41548.766	46296.324	30.339	31.482	24.068	1.021			
9/28/2017 4:00	2354400	123.041	19.638	277.162	41569.844	46312.773	30.352	31.493	24.056	1.021			
9/28/2017 4:15	2355300	123.062	19.629	277.208	41555.566	46305.453	30.346	31.488	24.064	1.021			
9/28/2017 4:30	2356200	123.077	19.629	277.244	41531.906	46280.035	30.327	31.47	24.078	1.021			
9/28/2017 4:45	2357100	123.096	19.627	277.286	41546.074	46297.535	30.34	31.482	24.07	1.021			
9/28/2017 5:00	2358000	123.111	19.623	277.319	41548.148	46303.457	30.344	31.486	24.068	1.021			
9/28/2017 5:15	2358900	123.126	19.624	277.353	41529.24	46329.219	30.363	31.504	24.055	1.021			
9/28/2017 5:30	2359800	123.155	19.621	277.419	41533.969	46289.367	30.334	31.477	24.077	1.021			
9/28/2017 5:45	2360700	123.156	19.626	277.421	41542.23	46294.367	30.338	31.48	24.072	1.021			
9/28/2017 6:00	2361600	123.165	19.637	277.44									

9/28/2017 17:00	2401200	123.316	19.62	277.78	41520.195	46275.469	30.324	31.467	24.085	1.021	14.698
9/28/2017 17:15	2402100	123.32	19.624	277.791	41534.938	46287.359	30.332	31.475	24.076	1.021	14.697
9/28/2017 17:30	2403000	123.324	19.626	277.799	41532.922	46283.398	30.33	31.473	24.077	1.021	14.693
9/28/2017 17:45	2403900	123.318	19.641	277.786	41570.465	46310.547	30.35	31.491	24.056	1.021	14.702
9/28/2017 18:00	2404800	123.327	19.632	277.805	41573.508	46323.301	30.359	31.5	24.054	1.021	14.696
9/28/2017 18:15	2405700	123.323	19.636	277.797	41546.328	46289.152	30.334	31.477	24.07	1.021	14.693
9/28/2017 18:30	2406600	123.313	19.628	277.775	41548.555	46298.75	30.338	31.483	24.082	1.021	14.7
9/28/2017 18:45	2407500	123.304	19.625	277.755	41556.945	46311.027	30.35	31.491	24.063	1.021	14.699
9/28/2017 19:00	2408400	123.294	19.627	277.732	41527.09	46276.379	30.325	31.468	24.081	1.021	14.696
9/28/2017 19:15	2409300	123.281	19.623	277.702	41514.836	46266.496	30.317	31.461	24.088	1.021	14.697
9/28/2017 19:30	2410200	123.257	19.628	277.649	41585.184	46339.832	30.371	31.511	24.047	1.021	14.699
9/28/2017 19:45	2411100	123.243	19.627	277.617	41552.246	46304.324	30.345	31.487	24.066	1.021	14.698
9/28/2017 20:00	2412000	123.222	19.629	277.557	41553.672	46315.352	30.353	31.494	24.059	1.021	14.7
9/28/2017 20:15	2412900	123.204	19.624	277.528	41607.68	46368.934	30.392	31.531	24.034	1.021	14.695
9/28/2017 20:30	2413800	123.183	19.633	277.481	41561.566	46308.699	30.348	31.49	24.061	1.021	14.702
9/28/2017 20:45	2414700	123.157	19.631	277.423	41531.988	46277.203	30.325	31.469	24.078	1.021	14.701
9/28/2017 21:00	2415600	123.127	19.63	277.356	41539.98	46287.574	30.333	31.476	24.073	1.021	14.707
9/28/2017 21:15	2416500	123.098	19.635	277.29	41532.34	46274.34	30.323	31.467	24.078	1.021	14.705
9/28/2017 21:30	2417400	123.07	19.64	277.242	41533.919	46271.383	30.321	31.465	24.077	1.021	14.705
9/28/2017 21:45	2418300	123.038	19.647	277.155	41594.598	46331.852	30.366	31.506	24.042	1.021	14.707
9/28/2017 22:00	2419200	123.018	19.645	277.111	41542.816	46275.797	30.325	31.468	24.072	1.021	14.704
9/28/2017 22:15	2420100	122.993	19.643	277.053	41543.129	46277.953	30.326	31.469	24.071	1.021	14.701
9/28/2017 22:30	2421000	122.964	19.634	276.988	41560.199	46305.977	30.347	31.488	24.061	1.021	14.706
9/28/2017 22:45	2421900	122.945	19.626	276.947	41530.184	46280.602	30.328	31.471	24.079	1.021	14.708
9/28/2017 23:00	2422800	122.928	19.637	276.862	41549.326	46290.863	30.336	31.478	24.068	1.021	14.709
9/28/2017 23:15	2423700	122.885	19.643	276.811	41526.563	46259.582	30.313	31.457	24.081	1.021	14.71
9/28/2017 23:30	2424600	122.865	19.637	276.764	41560.676	46304.191	30.345	31.487	24.061	1.021	14.71
9/28/2017 23:45	2425500	122.841	19.631	276.712	41523.648	46268.266	30.319	31.462	24.083	1.021	14.714
9/29/2017 0:00	2426400	122.828	19.626	276.682	41559.289	46313.203	30.351	31.493	24.062	1.021	14.713
9/29/2017 0:15	2427300	122.779	19.619	276.573	41548.059	46307.137	30.347	31.489	24.069	1.021	14.715
9/29/2017 0:30	2428200	122.806	19.624	276.632	41546.129	46300.577	30.342	31.485	24.07	1.021	14.705
9/29/2017 0:45	2429100	122.797	19.627	276.612	41532	46281.516	30.328	31.471	24.078	1.021	14.708
9/29/2017 1:00	2430000	122.779	19.624	276.571	41555.766	46311.078	30.35	31.492	24.064	1.021	14.717
9/29/2017 1:15	2430900	122.781	19.623	276.577	41515.004	46266.438	30.317	31.461	24.088	1.021	14.71
9/29/2017 1:30	2431800	122.781	19.623	276.577	41520.27	46272.207	30.321	31.465	24.085	1.021	14.714
9/29/2017 1:45	2432700	122.77	19.637	276.551	41560.109	46303.559	30.345	31.486	24.062	1.021	14.712
9/29/2017 2:00	2433600	122.78	19.636	276.573	41535.762	46287.074	30.332	31.475	24.076	1.021	14.716
9/29/2017 2:15	2434500	122.788	19.635	276.593	41523.582	46264.402	30.316	31.46	24.083	1.021	14.711
9/29/2017 2:30	2435400	122.803	19.624	276.625	41565.754	46322.211	30.358	31.499	24.058	1.021	14.709
9/29/2017 2:45	2436300	122.809	19.63	276.639	41565.734	46315.918	30.354	31.495	24.058	1.021	14.713
9/29/2017 3:00	2437200	122.827	19.631	276.68	41564.07	46313.461	30.352	31.493	24.059	1.021	14.709
9/29/2017 3:15	2438100	122.839	19.638	276.707	41537.109	46276.051	30.325	31.468	24.075	1.021	14.712
9/29/2017 3:30	2439000	122.859	19.636	276.751	41553.234	46298.215	30.344	31.483	24.061	1.021	14.716
9/29/2017 3:45	2439900	122.874	19.631	276.786	41554.199	46302.305	30.344	31.486	24.065	1.021	14.713
9/29/2017 4:00	2440800	122.896	19.629	276.835	41585.199	46339.238	30.371	31.511	24.047	1.021	14.712
9/29/2017 4:15	2441700	122.916	19.631	276.88	41545.457	46292.984	30.337	31.479	24.07	1.021	14.716
9/29/2017 4:30	2442600	122.91	19.626	276.867	41555.113	46308.383	30.348	31.49	24.064	1.021	14.717
9/29/2017 4:45	2443500	122.958	19.632	276.976	41549.508	46296.211	30.339	31.481	24.068	1.021	14.712
9/29/2017 5:00	2444400	122.98	19.629	277.025	41559.621	46310.488	30.35	31.491	24.061	1.021	14.711
9/29/2017 5:15	2445300	123.003	19.625	277.076	41542.645	46295.164	30.338	31.481	24.072	1.021	14.715
9/29/2017 5:30	2446200	123.022	19.622	277.118	41529.625	46283.84	30.33	31.473	24.079	1.021	14.713
9/29/2017 5:45	2447100	123.055	19.623	277.193	41534.094	46287.793	30.333	31.476	24.077	1.021	14.709
9/29/2017 6:00	2448000	123.067	19.631	277.221	41546.938	46294.555	30.338	31.48	24.069	1.021	14.715
9/29/2017 6:15	2448900	123.085	19.63	277.262	41554.344	46303.66	30.345	31.486	24.065	1.021	14.718
9/29/2017 6:30	2449800	123.105	19.626	277.306	41530.383	46280.742	30.328	31.471	24.079	1.021	14.718
9/29/2017 6:45	2450700	123.121	19.635	277.341	41557.219	46301.625	30.343	31.485	24.063	1.021	14.714
9/29/2017 7:00	2451600	123.126	19.646	277.353	41579.043	46315.473	30.354	31.495	24.051	1.021	14.717
9/29/2017 7:15	2452500	123.141	19.649	277.386	41580.438	46314.012	30.353	31.494	24.05	1.021	14.715
9/29/2017 7:30	2453400	123.167	19.645	277.446	41569.211	46305.113	30.346	31.487	24.056	1.021	14.709
9/29/2017 7:45	2454300	123.159	19.641	277.428	41549.348	46287.531	30.333	31.476	24.068	1.021	14.727
9/29/2017 8:00	2455200	123.162	19.645	277.436	41568.188	46304.148	30.346	31.487	24.057	1.021	14.727
9/29/2017 8:15	2456100	123.159	19.627	277.427	41542.363	46276.402	30.325	31.468	24.072	1.021	14.73
9/29/2017 8:30	2457000	123.171	19.644	277.454	41541.508	46275.293	30.325	31.467	24.072	1.021	14.73
9/29/2017 8:45	2457900	123.161	19.64	277.432	41548.402	46287	30.333	31.475	24.068	1.021	14.735
9/29/2017 9:00	2458800	123.166	19.636	277.444	41556.387	46300.188	30.342	31.484	24.064	1.021	14.729
9/29/2017 9:15	2459700	123.163	19.637	277.438	41555.105	46297.383	30.34	31.482	24.064	1.021	14.73
9/29/2017 9:30	2460600	123.155	19.635	277.418	41526.331	46288.027	30.319	31.462	24.081	1.021	14.731
9/29/2017 9:45	2461500	123.144	19.635	277.395	41541.547	46283.695	30.33	31.473	24.072	1.021	14.734
9/29/2017 10:00	2462400	123.148	19.64	277.403	41564.711	46305.516	30.346	31.488	24.059	1.021	14.724
9/29/2017 10:15	2463300	123.136	19.635	277.376	41558.723	46303.301	30.345	31.486	24.062	1.021	14.725
9/29/2017 10:30	2464200	123.14	19.634	277.384	41553.438	46298.523	30.341	31.483	24.065	1.021	14.72
9/29/2017 10:45	2465100	123.116	19.637	277.33	41559.051	46301.613	30.343	31.485	24.062	1.021	14.732
9/29/2017 11:00	2466000	123.106	19.642	277.309	41566.43	46305.445	30.346	31.488	24.058	1.021	14.737
9/29/2017 11:15	2466900	123.109	19.636	277.315	41564.426	46305.707	30.349	31.49	24.059	1.021	14.742
9/29/2017 11:30	2467800	123.099	19.628	277.293	41543.973	46294.336	30.338	31.48	24.071	1.021	14.733
9/29/2017 11:45	2468700	123.091	19.633	277.276	41587.707	46337.664	30.37	31.51	24.046	1.021	14.733
9/29/2017 12:00	2469600	123.081	19.63	277.253	41568.551	46319.32	30.356	31.497	24.057	1.021	14.734
9/29/2017 12:15	2470500	123.08	19.621	277.249	41543.715	46300.918	30.342	31.485	24.071	1.021	14.737
9/29/2017 12:30	2471400	123.088	19.634	277.267	41550.762	46295.461	30.339	31.481	24.067	1.021	14.723
9/29/2017 12:45	2472300	123.082	19.625	277.263	41563.387	46315.371	30.353	31.494	24.06	1.021	14.726
9/29/2017 13:00	2473200	123.082	19.642	277.254	41562.824	46301.426	30.344	31.485	24.06	1.021	14.723
9/29/2017 13:15	2474100	123.09	19.631	277.273	41515.465						

9/30/2017 21:45	2591100	123.174	19.629	277.463	41535.695	46283.566	30.33	31.473	24.076	1.021	14.704
9/30/2017 22:00	2592000	123.148	19.625	277.403	41526.02	46276.48	30.325	31.468	24.081	1.021	14.702
9/30/2017 22:15	2592900	123.115	19.627	277.329	41551.191	46302.719	30.344	31.486	24.067	1.021	14.702
9/30/2017 22:30	2593800	123.092	19.625	277.276	41520.625	46270.891	30.32	31.464	24.084	1.021	14.703
9/30/2017 22:45	2594700	123.051	19.627	277.185	41520.699	46269.43	30.319	31.463	24.084	1.021	14.703
9/30/2017 23:00	2595600	123.02	19.637	277.114	41569.27	46265.62	30.352	31.493	24.056	1.021	14.703
9/30/2017 23:15	2596500	122.988	19.629	277.063	41552.824	46313.887	30.345	31.493	24.052	1.021	14.703
9/30/2017 23:30	2597400	122.959	19.624	276.976	41528.645	46281.02	30.328	31.471	24.08	1.021	14.699
9/30/2017 23:45	2598300	122.919	19.627	276.886	41534.539	46284.766	30.331	31.474	24.076	1.021	14.702
10/1/2017 0:00	2599200	122.887	19.63	276.815	41539.098	46286.5	30.332	31.475	24.074	1.021	14.7
10/1/2017 0:15	2600100	122.848	19.644	276.726	41532.824	46265.703	30.318	31.461	24.077	1.021	14.701
10/1/2017 0:30	2601000	122.813	19.646	276.648	41562.613	46296.652	30.34	31.482	24.06	1.021	14.703
10/1/2017 0:45	2601900	122.786	19.644	276.587	41546.699	46283.625	30.331	31.473	24.068	1.021	14.696
10/1/2017 1:00	2602800	122.751	19.644	276.508	41551.594	46286.266	30.333	31.475	24.066	1.021	14.7
10/1/2017 1:15	2603700	122.732	19.639	276.466	41540.301	46278.75	30.327	31.47	24.073	1.021	14.698
10/1/2017 1:30	2604600	122.719	19.636	276.437	41535.824	46277.359	30.326	31.469	24.076	1.021	14.693
10/1/2017 1:45	2605500	122.701	19.623	276.396	41551.48	46307.512	30.347	31.489	24.067	1.021	14.689
10/1/2017 2:00	2606400	122.654	19.623	276.299	41518.906	46270.785	30.32	31.464	24.085	1.021	14.689
10/1/2017 2:15	2607300	122.669	19.62	276.324	41527.008	46283.414	30.329	31.473	24.081	1.021	14.695
10/1/2017 2:30	2608200	122.67	19.622	276.327	41496.277	46246.676	30.303	31.448	24.099	1.021	14.684
10/1/2017 2:45	2609100	122.67	19.632	276.325	41555.777	46302.844	30.344	31.486	24.064	1.021	14.681
10/1/2017 3:00	2610000	122.662	19.632	276.307	41536.074	46280.891	30.328	31.471	24.075	1.021	14.685
10/1/2017 3:15	2610900	122.663	19.626	276.31	41532.836	46283.121	30.329	31.473	24.077	1.021	14.69
10/1/2017 3:30	2611800	122.667	19.626	276.32	41531.781	46282.203	30.329	31.472	24.078	1.021	14.691
10/1/2017 3:45	2612700	122.676	19.627	276.34	41542.875	46294.143	30.338	31.48	24.072	1.021	14.688
10/1/2017 4:00	2613600	122.687	19.638	276.364	41548.648	46289.16	30.334	31.477	24.068	1.021	14.685
10/1/2017 4:15	2614500	122.702	19.625	276.399	41556.949	46310.949	30.35	31.491	24.063	1.021	14.684
10/1/2017 4:30	2615400	122.729	19.624	276.459	41548.145	46302.414	30.343	31.486	24.068	1.021	14.682
10/1/2017 4:45	2616300	122.753	19.631	276.512	41532.23	46277.473	30.326	31.469	24.078	1.021	14.684
10/1/2017 5:00	2617200	122.777	19.632	276.567	41558.277	46306.332	30.347	31.488	24.063	1.021	14.687
10/1/2017 5:15	2618100	122.797	19.629	276.613	41543.75	46292.543	30.336	31.479	24.071	1.021	14.695
10/1/2017 5:30	2619000	122.816	19.63	276.654	41528.816	46275.555	30.324	31.467	24.08	1.021	14.699
10/1/2017 5:45	2619900	122.859	19.64	276.751	41546.16	46284.848	30.331	31.474	24.07	1.021	14.687
10/1/2017 6:00	2620800	122.883	19.633	276.807	41518.867	46261.215	30.314	31.458	24.085	1.021	14.695
10/1/2017 6:15	2621700	122.915	19.632	276.878	41559.289	46307.539	30.348	31.489	24.062	1.021	14.693
10/1/2017 6:30	2622600	122.946	19.632	276.948	41558.469	46306.023	30.346	31.488	24.062	1.021	14.69
10/1/2017 6:45	2623500	122.975	19.627	277.004	41535.406	46294.957	30.331	31.474	24.076	1.021	14.695
10/1/2017 7:00	2624400	123.001	19.621	277.071	41536.75	46292.641	30.336	31.479	24.075	1.021	14.705
10/1/2017 7:15	2625300	123.028	19.624	277.132	41534.648	46287.375	30.332	31.475	24.076	1.021	14.704
10/1/2017 7:30	2626200	123.057	19.624	277.198	41508.645	46259.004	30.312	31.456	24.091	1.021	14.7
10/1/2017 7:45	2627100	123.079	19.625	277.247	41523.043	46273.504	30.322	31.466	24.083	1.021	14.703
10/1/2017 8:00	2628000	123.105	19.622	277.307	41536.641	46291.566	30.335	31.478	24.075	1.021	14.703
10/1/2017 8:15	2628900	123.115	19.627	277.329	41558.215	46313.469	30.345	31.485	24.063	1.021	14.706
10/1/2017 8:30	2629800	123.124	19.625	277.349	41532.395	46284.098	30.33	31.473	24.078	1.021	14.713
10/1/2017 8:45	2630700	123.133	19.627	277.369	41552.086	46304.406	30.345	31.487	24.066	1.021	14.711
10/1/2017 9:00	2631600	123.151	19.624	277.409	41536.844	46290.074	30.334	31.477	24.075	1.021	14.703
10/1/2017 9:15	2632500	123.126	19.622	277.353	41525.422	46279.676	30.327	31.47	24.082	1.021	14.705
10/1/2017 9:30	2633400	123.159	19.621	277.427	41527.711	46283.168	30.329	31.473	24.08	1.021	14.705
10/1/2017 9:45	2634300	123.149	19.627	277.406	41534.563	46289.06	30.334	31.477	24.077	1.021	14.707
10/1/2017 10:00	2635200	123.147	19.621	277.401	41540.172	46296.875	30.339	31.482	24.073	1.021	14.707
10/1/2017 10:15	2636100	123.143	19.62	277.392	41528.129	46283.719	30.33	31.473	24.08	1.021	14.7
10/1/2017 10:30	2637000	123.129	19.619	277.36	41515.168	46270.301	30.32	31.464	24.088	1.021	14.703
10/1/2017 10:45	2637900	123.119	19.623	277.338	41547.203	46302.141	30.343	31.485	24.069	1.021	14.702
10/1/2017 11:00	2638800	123.113	19.623	277.324	41543.359	46298.285	30.34	31.483	24.071	1.021	14.695
10/1/2017 11:15	2639700	123.102	19.63	277.298	41532.727	46279.91	30.327	31.47	24.077	1.021	14.691
10/1/2017 11:30	2640600	123.083	19.624	277.256	41570.77	46318.188	30.355	31.496	24.055	1.021	14.695
10/1/2017 11:45	2641500	123.065	19.637	277.216	41559.379	46302.145	30.344	31.485	24.062	1.021	14.693
10/1/2017 12:00	2642400	123.042	19.637	277.164	41515.441	46253.273	30.308	31.452	24.087	1.021	14.695
10/1/2017 12:15	2643300	123.022	19.637	277.12	41539.023	46279.547	30.327	31.47	24.074	1.021	14.695
10/1/2017 12:30	2644200	123.01	19.639	277.092	41530.012	46267.805	30.319	31.462	24.079	1.021	14.694
10/1/2017 12:45	2645100	122.989	19.634	277.044	41538.461	46282.02	30.329	31.472	24.078	1.021	14.692
10/1/2017 13:00	2646000	123.074	19.627	277.014	41507.914	46254.492	30.309	31.452	24.099	1.021	14.69
10/1/2017 13:15	2646900	122.952	19.639	276.962	41558.539	46299.742	30.342	31.484	24.062	1.021	14.69
10/1/2017 13:30	2647800	122.951	19.628	276.958	41566.695	46319.75	30.356	31.497	24.058	1.021	14.681
10/1/2017 13:45	2648700	122.941	19.625	276.937	41532.363	46283.551	30.33	31.473	24.078	1.021	14.681
10/1/2017 14:00	2649600	122.899	19.626	276.842	41550.555	46303.469	30.344	31.486	24.067	1.021	14.679
10/1/2017 14:15	2650500	122.924	19.628	276.897	41513.047	46259.793	30.313	31.457	24.089	1.021	14.673
10/1/2017 14:30	2651400	122.912	19.641	276.872	41554.016	46293.582	30.338	31.48	24.065	1.021	14.675
10/1/2017 14:45	2652300	122.919	19.641	276.887	41533.211	46269.297	30.32	31.463	24.077	1.021	14.67
10/1/2017 15:00	2653200	122.952	19.628	276.962	41552.168	46302.953	30.344	31.486	24.066	1.021	14.666
10/1/2017 15:15	2654100	122.936	19.624	276.924	41571.848	46328.746	30.363	31.504	24.055	1.021	14.655
10/1/2017 15:30	2655000	122.93	19.638	276.913	41542.508	46282.238	30.329	31.472	24.072	1.021	14.672
10/1/2017 15:45	2655900	122.95	19.638	276.958	41512.332	46248.785	30.305	31.449	24.089	1.021	14.658
10/1/2017 16:00	2656800	122.968	19.634	276.987	415498.73	46237.157	30.297	31.442	24.097	1.021	14.659
10/1/2017 16:15	2657700	122.985	19.626	277.035	41531.824	46282.086	30.329	31.472	24.078	1.021	14.652
10/1/2017 16:30	2658600	123.006	19.632	277.082	41549.617	46296.16	30.339	31.481	24.068	1.021	14.651
10/1/2017 16:45	2659500	123.015	19.633	277.103	41537.828	46282.688	30.329	31.472	24.074	1.021	14.656
10/1/2017 17:00	2660400	123.042	19.631	277.165	41539.898	46286.965	30.332	31.475	24.073	1.021	14.649
10/1/2017 17:15	2661300	123.06	19.633	277.206	41578.074	46327.348	30.362	31.503	24.051	1.021	14.646
10/1/2017 17:30	2662200	123.076	19.627	277.276	41532.625	46291.609	30.318	31.467	24.077	1.021	14.647
10/1/2017 17:45	2663100	123.111	19.635	277.32	41535.93	46280.391	30.328	31.471	24.076	1.021	14.642
10/1/2017 18:00	2664000	123.14	19.636	277.386	41545.629						

10/3/2017 2:30	2781000	122.824	19.629	276.674	41528.867	46275.867	30.324	31.468	24.08	1.021	14.619
10/3/2017 2:45	2781900	122.811	19.627	276.645	41516.387	46264.363	30.316	31.46	24.087	1.021	14.616
10/3/2017 3:00	2782800	122.778	19.64	276.57	41528.566	46264.902	30.317	31.46	24.08	1.021	14.624
10/3/2017 3:15	2783700	122.77	19.634	276.551	41525.352	46267.41	30.318	31.462	24.082	1.021	14.617
10/3/2017 3:30	2784600	122.747	19.626	276.499	41502.992	46249.957	30.305	31.45	24.095	1.021	14.626
10/3/2017 3:45	2785500	122.724	19.625	276.447	41530.344	46281.887	30.329	31.472	24.079	1.021	14.619
10/3/2017 4:00	2786400	122.739	19.642	276.482	41554.504	46291.738	30.336	31.478	24.065	1.021	14.623
10/3/2017 4:15	2787300	122.743	19.645	276.49	41555.125	46289.941	30.335	31.477	24.064	1.021	14.621
10/3/2017 4:30	2788200	122.753	19.645	276.513	41545.395	46278.422	30.327	31.469	24.07	1.021	14.623
10/3/2017 4:45	2789100	122.763	19.643	276.535	41591.07	46331.27	30.365	31.505	24.044	1.021	14.623
10/3/2017 5:00	2790000	122.789	19.633	276.594	41506.203	46246.93	30.303	31.448	24.093	1.021	14.615
10/3/2017 5:15	2790900	122.798	19.624	276.614	41505.574	46255.41	30.309	31.454	24.093	1.021	14.625
10/3/2017 5:30	2791800	122.822	19.635	276.668	41553.328	46297.383	30.34	31.482	24.065	1.021	14.623
10/3/2017 5:45	2792700	122.856	19.624	276.744	41526.66	46278.992	30.326	31.47	24.081	1.021	14.619
10/3/2017 6:00	2793600	122.887	19.625	276.816	41520.055	46269.992	30.32	31.464	24.085	1.021	14.62
10/3/2017 6:15	2794500	122.908	19.633	276.863	41560.227	46307.465	30.348	31.489	24.061	1.021	14.622
10/3/2017 6:30	2795400	122.934	19.646	276.922	41558.961	46292.742	30.337	31.479	24.062	1.021	14.627
10/3/2017 6:45	2796300	122.983	19.634	277.032	41542.328	46286.5	30.332	31.475	24.072	1.021	14.617
10/3/2017 7:00	2797200	123.019	19.634	277.109	41518.984	46259.98	30.313	31.457	24.085	1.021	14.625
10/3/2017 7:15	2798100	123.055	19.629	277.194	41508.527	46253.383	30.308	31.452	24.091	1.021	14.627
10/3/2017 7:30	2799000	123.1	19.643	277.294	41539.602	46274.105	30.324	31.466	24.073	1.021	14.628
10/3/2017 7:45	2799900	123.124	19.64	277.349	41549.656	46288.824	30.334	31.476	24.068	1.021	14.631
10/3/2017 8:00	2800800	123.163	19.634	277.438	41561.949	46307.926	30.348	31.489	24.06	1.021	14.636
10/3/2017 8:15	2801700	123.194	19.631	277.507	41534.008	46279.965	30.327	31.47	24.077	1.021	14.638
10/3/2017 8:30	2802600	123.23	19.63	277.588	41515.211	46259.973	30.313	31.457	24.088	1.021	14.64
10/3/2017 8:45	2803500	123.264	19.628	277.663	41521.152	46268.57	30.319	31.463	24.084	1.021	14.637
10/3/2017 9:00	2804400	123.282	19.625	277.705	41546.344	46299.809	30.342	31.484	24.07	1.021	14.641
10/3/2017 9:15	2805300	123.269	19.618	277.675	41504.949	46260.199	30.312	31.457	24.094	1.021	14.649
10/3/2017 9:30	2806200	123.312	19.622	277.772	41502.527	46253.641	30.308	31.452	24.095	1.021	14.652
10/3/2017 9:45	2807100	123.325	19.625	277.801	41522.633	46273.473	30.322	31.466	24.083	1.021	14.654
10/3/2017 10:00	2808000	123.334	19.633	277.821	41506.787	46296.785	30.304	31.449	24.092	1.021	14.653
10/3/2017 10:15	2808900	123.336	19.635	277.826	41550.156	46293.492	30.337	31.48	24.067	1.021	14.654
10/3/2017 10:30	2809800	123.335	19.627	277.823	41541.234	46291.539	30.336	31.478	24.072	1.021	14.659
10/3/2017 10:45	2810700	123.328	19.624	277.809	41528.719	46281.203	30.328	31.471	24.08	1.021	14.664
10/3/2017 11:00	2811600	123.324	19.623	277.799	41522.027	46274.688	30.323	31.467	24.084	1.021	14.661
10/3/2017 11:15	2812500	123.327	19.624	277.805	41498.473	46247.668	30.303	31.448	24.097	1.021	14.654
10/3/2017 11:30	2813400	123.305	19.624	277.756	41556.56	46311.992	30.35	31.492	24.064	1.021	14.658
10/3/2017 11:45	2814300	123.279	19.626	277.697	41533.332	46284.277	30.33	31.473	24.077	1.021	14.663
10/3/2017 12:00	2815200	123.268	19.629	277.673	41550.883	46300.578	30.342	31.484	24.067	1.021	14.656
10/3/2017 12:15	2816100	123.236	19.63	277.6	41524.781	46271.059	30.321	31.464	24.082	1.021	14.659
10/3/2017 12:30	2817000	123.21	19.637	277.543	41553.344	46296.02	30.339	31.481	24.065	1.021	14.663
10/3/2017 12:45	2817900	123.181	19.641	277.478	41524.137	46259.445	30.313	31.456	24.082	1.021	14.662
10/3/2017 13:00	2818800	123.153	19.633	277.413	41540.914	46296.125	30.324	31.475	24.073	1.021	14.678
10/3/2017 13:15	2819700	123.123	19.632	277.347	41538.852	46284.34	30.331	31.473	24.074	1.021	14.664
10/3/2017 13:30	2820600	123.087	19.636	277.266	41543.18	46284.785	30.331	31.474	24.071	1.021	14.67
10/3/2017 13:45	2821500	123.067	19.626	277.22	41530.691	46281.598	30.328	31.471	24.079	1.021	14.672
10/3/2017 14:00	2822400	123.035	19.625	277.148	41521.328	46271.766	30.321	31.465	24.084	1.021	14.674
10/3/2017 14:15	2823300	123.017	19.637	277.108	41536.191	46276.656	30.325	31.468	24.075	1.021	14.67
10/3/2017 14:30	2824200	122.986	19.637	277.088	41540.352	46281.288	30.329	31.471	24.078	1.021	14.678
10/3/2017 14:45	2825100	122.965	19.625	276.992	41513.863	46262.672	30.315	31.459	24.088	1.021	14.677
10/3/2017 15:00	2826000	122.949	19.63	276.955	41547.551	46296.348	30.339	31.482	24.069	1.021	14.678
10/3/2017 15:15	2826900	122.933	19.628	276.919	41551.176	46302.102	30.343	31.485	24.067	1.021	14.678
10/3/2017 15:30	2827800	122.909	19.636	276.864	41552.563	46295.582	30.339	31.481	24.066	1.021	14.69
10/3/2017 15:45	2828700	122.918	19.634	276.885	41535.957	46279.129	30.327	31.47	24.076	1.021	14.675
10/3/2017 16:00	2829600	122.905	19.628	276.856	41495.078	46239.77	30.298	31.443	24.099	1.021	14.685
10/3/2017 16:15	2830500	122.907	19.636	276.86	41523.023	46263.016	30.315	31.459	24.085	1.021	14.679
10/3/2017 16:30	2831400	122.905	19.639	276.855	41548.426	46287.801	30.333	31.476	24.068	1.021	14.683
10/3/2017 16:45	2832300	122.914	19.642	276.876	41550.742	46287.895	30.334	31.476	24.067	1.021	14.685
10/3/2017 17:00	2833200	122.917	19.643	276.882	41538.074	46272.66	30.323	31.465	24.074	1.021	14.692
10/3/2017 17:15	2834100	122.938	19.647	276.93	41534.184	46264.387	30.317	31.46	24.077	1.021	14.69
10/3/2017 17:30	2835000	122.959	19.643	276.977	41537.023	46271.063	30.321	31.464	24.075	1.021	14.685
10/3/2017 17:45	2835900	122.983	19.641	277.002	41539.742	46276.406	30.325	31.468	24.075	1.021	14.688
10/3/2017 18:00	2836800	123.003	19.636	277.076	41546.805	46289.082	30.334	31.477	24.069	1.021	14.696
10/3/2017 18:15	2837700	123.03	19.628	277.136	41486.594	46230.137	30.291	31.436	24.104	1.021	14.699
10/3/2017 18:30	2838600	123.064	19.628	277.214	41515.551	46261.973	30.314	31.458	24.087	1.021	14.698
10/3/2017 18:45	2839500	123.095	19.637	277.283	41546.777	46288.535	30.334	31.476	24.069	1.021	14.701
10/3/2017 19:00	2840400	123.127	19.628	277.356	41518.336	46265.684	30.317	31.461	24.086	1.021	14.699
10/3/2017 19:15	2841300	123.155	19.633	277.419	41520.387	46283.016	30.335	31.459	24.085	1.021	14.705
10/3/2017 19:30	2842200	123.192	19.637	277.501	41536.563	46276.727	30.325	31.468	24.075	1.021	14.706
10/3/2017 19:45	2843100	123.219	19.629	277.564	41525.188	46272.465	30.322	31.465	24.082	1.021	14.706
10/3/2017 20:00	2844000	123.236	19.63	277.601	41533.871	46281.102	30.328	31.471	24.077	1.021	14.714
10/3/2017 20:15	2844900	123.278	19.626	277.695	41560.336	46314.023	30.352	31.494	24.061	1.021	14.707
10/3/2017 20:30	2845800	123.299	19.624	277.743	41541.566	46295.082	30.338	31.481	24.072	1.021	14.717
10/3/2017 20:45	2846700	123.325	19.622	277.802	41518.051	46270.682	30.32	31.464	24.086	1.021	14.714
10/3/2017 21:00	2847600	123.344	19.622	277.844	41481.922	46230.676	30.291	31.437	24.107	1.021	14.718
10/3/2017 21:15	2848500	123.359	19.635	277.878	41520.203	46260.977	30.314	31.457	24.085	1.021	14.719
10/3/2017 21:30	2849400	123.37	19.627	277.903	41533.371	46283.117	30.33	31.473	24.077	1.021	14.719
10/3/2017 21:45	2850300	123.376	19.624	277.917	41503.773	46253.063	30.307	31.452	24.094	1.021	14.721
10/3/2017 22:00	2851200	123.383	19.631	277.933	41540.336	46286.766	30.332	31.475	24.073	1.021	14.722
10/3/2017 22:15	2852100	123.386	19.623	277.94	41485.254	46233.284	30.293	31.439	24.105	1.021	14.724
10/3/2017 22:30	2853000	123.368	19.626	277.898	41543.242	46294.719	30.338	31.48	24.071	1.021	14.731
10/3/2017 22:45	2853900	123.37	19.629	2							

Report Date: 10/9/2017 9:50
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_2017-10-05_15-36-46-565.wsl
Create Date 10/5/2017 15:36

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

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

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

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

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

Log Data:
Record Count 3335

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

Time Zone: Pacific Daylight Time

Date and Time	Elapsed Time Seconds	Sensor: PCTD(G) 231ft	Sensor: PCTD(G) 231ft	Sensor: PCTD(G) 231ft	Sensor: PCTD(G) 231ft	Sensor: PCTD(G) 231ft	Sensor: PCTD(G) 231ft	Sensor: PCTD(G) 231ft	Sensor: PCTD(G) 231ft	Sensor: PCTD(G) 231ft	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)	
9/28/2017 0:00		2340000	65.234	17.176	146.946	35026.426	41180.145	26.531	28.002	28.55	
9/28/2017 0:15		2340900	65.233	17.177	146.943	35034.672	41189.516	26.538	28.009	28.543	
9/28/2017 0:30		2341800	65.228	17.176	146.932	35023.023	41176.059	26.528	28	28.553	
9/28/2017 0:45		2342700	65.223	17.176	146.921	35040.387	41196.727	26.543	28.014	28.538	
9/28/2017 1:00		2343600	65.225	17.176	146.926	35036.453	41191.77	26.539	28.01	28.542	
9/28/2017 1:15		2344500	65.224	17.176	146.923	35008.617	41158.961	26.516	27.988	28.564	
9/28/2017 1:30		2345400	65.224	17.176	146.924	35037.395	41192.793	26.54	28.011	28.541	
9/28/2017 1:45		2346300	65.219	17.176	146.913	35026.762	41180.539	26.531	28.003	28.55	
9/28/2017 2:00		2347200	65.221	17.176	146.918	35030.258	41184.648	26.534	28.006	28.547	
9/28/2017 2:15		2348100	65.218	17.176	146.911	35017.102	41169.18	26.523	27.995	28.557	
9/28/2017 2:30		2349000	65.222	17.176	146.92	35014.281	41166.191	26.521	27.993	28.56	
9/28/2017 2:45		2349900	65.218	17.176	146.911	35028.84	41183.223	26.533	28.005	28.548	
9/28/2017 3:00		2350800	65.225	17.177	146.926	35007.68	41157.695	26.515	27.987	28.565	
9/28/2017 3:15		2351700	65.223	17.176	146.922	35024.844	41178.523	26.53	28.001	28.551	
9/28/2017 3:30		2352600	65.227	17.176	146.931	35013.449	41165.129	26.52	27.992	28.56	
9/28/2017 3:45		2353500	65.225	17.176	146.925	35038.098	41194.035	26.541	28.012	28.54	
9/28/2017 4:00		2354400	65.224	17.176	146.923	35026.965	41180.691	26.531	28.003	28.549	
9/28/2017 4:15		2355300	65.225	17.176	146.925	35035.75	41191.023	26.539	28.01	28.542	
9/28/2017 4:30		2356200	65.229	17.176	146.935	35025.484	41179.207	26.53	28.002	28.551	
9/28/2017 4:45		2357100	65.228	17.177	146.933	35036.965	41192.125	26.539	28.011	28.541	
9/28/2017 5:00		2358000	65.229	17.176	146.935	35027.781	41181.574	26.532	28.003	28.549	
9/28/2017 5:15		2358900	65.231	17.176	146.94	35036.43	41191.742	26.539	28.01	28.542	
9/28/2017 5:30		2359800	65.231	17.176	146.939	35025.266	41178.535	26.53	28.001	28.551	
9/28/2017 5:45		2360700	65.234	17.176	146.946	35040.969	41197.41	26.543	28.014	28.538	
9/28/2017 6:00		2361600	65.233	17.176	146.943	35010.086	41160.934	26.517	27.989	28.563	
9/28/2017 6:15		2362500	65.235	17.177	146.948	35024.809	41177.68	26.529	28.001	28.551	
9/28/2017 6:30		2363400	65.239	17.177	146.957	35027.199	41180.645	26.531	28.003	28.549	
9/28/2017 6:45		2364300	65.239	17.176	146.957	35004.504	41154.539	26.513	27.985	28.568	
9/28/2017 7:00		2365200	65.239	17.176	146.957	35022.875	41175.969	26.528	28	28.553	
9/28/2017 7:15		2366100	65.24	17.176	146.96	35002.512	41152.027	26.511	27.983	28.569	
9/28/2017 7:30		2367000	65.238	17.176	146.955	34997.625	41146.453	26.507	27.98	28.573	
9/28/2017 7:45		2367900	65.239	17.176	146.957	35033.789	41188.969	26.537	28.009	28.544	
9/28/2017 8:00		2368800	65.235	17.176	146.947	35017.625	41170.199	26.524	27.996	28.557	
9/28/2017 8:15		2369700	65.236	17.176	146.95	35029.367	41183.355	26.533	28.005	28.547	
9/28/2017 8:30		2370600	65.235	17.176	146.948	35007.836	41158.125	26.515	27.988	28.565	
9/28/2017 8:45		2371500	65.236	17.176	146.951	34994.34	41142.418	26.504	27.977	28.576	
9/28/2017 9:00		2372400	65.231	17.176	146.94	35013.117	41164.578	26.52	27.992	28.561	
9/28/2017 9:15		2373300	65.232	17.176	146.94	35014.117	41166.074	26.521	27.993	28.56	
9/28/2017 9:30		2374200	65.232	17.176	146.94	35012.352	41163.676	26.519	27.991	28.561	
9/28/2017 9:45		2375100	65.229	17.176	146.935	34996.551	41145.02	26.506	27.979	28.574	
9/28/2017 10:00		2376000	65.228	17.176	146.932	35003.449	41153.129	26.512	27.984	28.569	
9/28/2017 10:15		2376900	65.222	17.176	146.919	35017.824	41170.355	26.524	27.996	28.557	
9/28/2017 10:30		2377800	65.222	17.176	146.92	35032.676	41187.328	26.536	28.007	28.545	

9/28/2017 10:45	2378700	65.224	17.176	146.923	35023.402	41176.668	26.528	28	28.552	1.019
9/28/2017 11:00	2379600	65.221	17.176	146.918	35004.43	41154.281	26.512	27.985	28.568	1.019
9/28/2017 11:15	2380500	65.221	17.176	146.917	35016.445	41168.652	26.523	27.995	28.558	1.019
9/28/2017 11:30	2381400	65.226	17.176	146.927	35005.73	41155.98	26.514	27.986	28.567	1.019
9/28/2017 11:45	2382300	65.219	17.177	146.912	35036.699	41191.66	26.539	28.01	28.542	1.019
9/28/2017 12:00	2383200	65.217	17.176	146.909	35015.262	41166.855	26.521	27.993	28.559	1.019
9/28/2017 12:15	2384100	65.217	17.176	146.908	35013.922	41165.523	26.52	27.993	28.56	1.019
9/28/2017 12:30	2385000	65.217	17.176	146.907	35012.223	41163.199	26.519	27.991	28.561	1.019
9/28/2017 12:45	2385900	65.217	17.176	146.908	35019.527	41172.203	26.525	27.997	28.555	1.019
9/28/2017 13:00	2386800	65.214	17.177	146.901	35027.203	41180.734	26.531	28.003	28.549	1.019
9/28/2017 13:15	2387700	65.217	17.176	146.909	35030.781	41185.508	26.535	28.006	28.546	1.019
9/28/2017 13:30	2388600	65.213	17.176	146.899	35027.516	41181.34	26.532	28.003	28.549	1.019
9/28/2017 13:45	2389500	65.22	17.177	146.914	35005.996	41155.801	26.514	27.986	28.567	1.019
9/28/2017 14:00	2390400	65.217	17.176	146.908	35012.512	41163.863	26.519	27.991	28.561	1.019
9/28/2017 14:15	2391300	65.214	17.176	146.901	35004.941	41155.125	26.513	27.985	28.567	1.019
9/28/2017 14:30	2392200	65.215	17.176	146.903	35008.066	41158.801	26.516	27.988	28.565	1.019
9/28/2017 14:45	2393100	65.214	17.177	146.9	35002.84	41151.852	26.511	27.983	28.569	1.019
9/28/2017 15:00	2394000	65.217	17.176	146.907	34995.645	41143.707	26.505	27.978	28.575	1.019
9/28/2017 15:15	2394900	65.213	17.176	146.899	34996.387	41144.742	26.506	27.978	28.574	1.019
9/28/2017 15:30	2395800	65.215	17.176	146.903	35003.004	41153.012	26.511	27.984	28.569	1.019
9/28/2017 15:45	2396700	65.217	17.177	146.907	34996.879	41145.082	26.506	27.979	28.574	1.019
9/28/2017 16:00	2397600	65.219	17.176	146.913	34991.848	41139.66	26.502	27.975	28.578	1.019
9/28/2017 16:15	2398500	65.219	17.176	146.913	35012.391	41163.813	26.519	27.991	28.561	1.019
9/28/2017 16:30	2399400	65.22	17.176	146.914	35013.738	41165.145	26.52	27.992	28.56	1.019
9/28/2017 16:45	2400300	65.218	17.176	146.911	34996.402	41145.172	26.506	27.979	28.574	1.019
9/28/2017 17:00	2401200	65.223	17.176	146.921	34979.926	41125.227	26.492	27.965	28.588	1.019
9/28/2017 17:15	2402100	65.221	17.176	146.918	35006.582	41156.73	26.514	27.987	28.566	1.019
9/28/2017 17:30	2403000	65.225	17.176	146.925	34999.801	41149.168	26.509	27.981	28.572	1.019
9/28/2017 17:45	2403900	65.223	17.176	146.922	35022.773	41175.766	26.528	28	28.553	1.019
9/28/2017 18:00	2404800	65.22	17.176	146.915	35012.691	41164.078	26.519	27.992	28.561	1.019
9/28/2017 18:15	2405700	65.219	17.176	146.912	34987.875	41134.574	26.498	27.972	28.581	1.019
9/28/2017 18:30	2406600	65.217	17.176	146.909	35003.469	41152.992	26.512	27.984	28.569	1.019
9/28/2017 18:45	2407500	65.222	17.176	146.919	35001.57	41151.09	26.51	27.983	28.57	1.019
9/28/2017 19:00	2408400	65.217	17.176	146.908	35008.199	41158.797	26.516	27.988	28.565	1.019
9/28/2017 19:15	2409300	65.216	17.176	146.905	35009.32	41159.871	26.516	27.989	28.564	1.019
9/28/2017 19:30	2410200	65.213	17.176	146.898	35009.531	41160.281	26.517	27.989	28.564	1.019
9/28/2017 19:45	2411100	65.207	17.176	146.886	35002.566	41152.172	26.511	27.983	28.569	1.019
9/28/2017 20:00	2412000	65.21	17.176	146.892	34999.676	41148.691	26.508	27.981	28.572	1.019
9/28/2017 20:15	2412900	65.203	17.176	146.877	35011.008	41161.77	26.518	27.99	28.562	1.019
9/28/2017 20:30	2413800	65.201	17.176	146.872	35002.523	41151.797	26.511	27.983	28.569	1.019
9/28/2017 20:45	2414700	65.196	17.176	146.861	35024.688	41177.938	26.529	28.001	28.551	1.019
9/28/2017 21:00	2415600	65.193	17.177	146.854	35003.02	41152.141	26.511	27.983	28.569	1.019
9/28/2017 21:15	2416500	65.189	17.176	146.845	34997.621	41146.359	26.507	27.98	28.573	1.019
9/28/2017 21:30	2417400	65.186	17.176	146.839	34998.57	41147.563	26.508	27.98	28.573	1.019
9/28/2017 21:45	2418300	65.181	17.176	146.826	35017.316	41169.434	26.523	27.995	28.557	1.019
9/28/2017 22:00	2419200	65.176	17.176	146.816	35014.578	41166.293	26.521	27.993	28.56	1.019
9/28/2017 22:15	2420100	65.173	17.176	146.81	35012.648	41163.945	26.519	27.991	28.561	1.019
9/28/2017 22:30	2421000	65.166	17.177	146.793	34988.461	41135.023	26.499	27.972	28.581	1.019
9/28/2017 22:45	2421900	65.166	17.177	146.792	35013.387	41164.406	26.52	27.992	28.561	1.019
9/28/2017 23:00	2422800	65.156	17.176	146.77	35010.117	41160.969	26.517	27.989	28.563	1.019
9/28/2017 23:15	2423700	65.151	17.176	146.759	35016.367	41168.156	26.522	27.994	28.558	1.019
9/28/2017 23:30	2424600	65.147	17.176	146.75	35027.801	41181.676	26.532	28.004	28.549	1.019
9/28/2017 23:45	2425500	65.147	17.177	146.75	35002.723	41151.715	26.511	27.983	28.569	1.019
9/29/2017 0:00	2426400	65.135	17.176	146.722	34999.625	41148.473	26.508	27.981	28.572	1.019
9/29/2017 0:15	2427300	65.137	17.177	146.727	34981.875	41127.359	26.493	27.967	28.586	1.019
9/29/2017 0:30	2428200	65.137	17.177	146.728	34999.621	41148.145	26.508	27.981	28.572	1.019
9/29/2017 0:45	2429100	65.129	17.176	146.71	35002.563	41152.168	26.511	27.983	28.569	1.019
9/29/2017 1:00	2430000	65.128	17.177	146.707	35026.117	41179.125	26.53	28.002	28.55	1.019
9/29/2017 1:15	2430900	65.127	17.177	146.704	35004.695	41154.273	26.512	27.985	28.568	1.019
9/29/2017 1:30	2431800	65.118	17.176	146.685	35014.988	41166.449	26.521	27.993	28.559	1.019
9/29/2017 1:45	2432700	65.116	17.177	146.68	35021.363	41173.707	26.526	27.998	28.554	1.019
9/29/2017 2:00	2433600	65.115	17.177	146.678	34990.711	41137.832	26.501	27.974	28.579	1.019
9/29/2017 2:15	2434500	65.114	17.176	146.675	34994.207	41142.266	26.504	27.977	28.576	1.019
9/29/2017 2:30	2435400	65.116	17.177	146.681	35015.188	41166.605	26.521	27.993	28.559	1.019
9/29/2017 2:45	2436300	65.117	17.176	146.682	35019.82	41172.215	26.525	27.997	28.555	1.019
9/29/2017 3:00	2437200	65.116	17.177	146.679	35020.457	41172.719	26.526	27.997	28.555	1.019
9/29/2017 3:15	2438100	65.114	17.177	146.676	35020.324	41172.484	26.525	27.997	28.555	1.019
9/29/2017 3:30	2439000	65.113	17.176	146.674	35011.266	41162.234	26.518	27.99	28.562	1.019
9/29/2017 3:45	2439900	65.115	17.176	146.677	35006.789	41157.055	26.514	27.987	28.566	1.019
9/29/2017 4:00	2440800	65.114	17.176	146.676	35021.324	41173.984	26.526	27.998	28.554	1.019
9/29/2017 4:15	2441700	65.118	17.176	146.685	35019.035	41171.453	26.525	27.997	28.556	1.019
9/29/2017 4:30	2442600	65.129	17.176	146.709	35014.309	41165.813	26.521	27.993	28.56	1.019
9/29/2017 4:45	2443500	65.163	17.177	146.786	35031.949	41186.152	26.535	28.007	28.545	1.019
9/29/2017 5:00	2444400	65.191	17.177	146.849	34975.301	41119.715	26.488	27.961	28.592	1.019
9/29/2017 5:15	2445300	65.214	17.177	146.901	34971.859	41115.668	26.485	27.959	28.594	1.019
9/29/2017 5:30	2446200	65.233	17.176	146.943	34982.723	41128.68	26.494	27.968	28.586	1.019
9/29/2017 5:45	2447100	65.252	17.176	146.987	34975.453	41120.859	26.489	27.962	28.591	1.019
9/29/2017 6:00	2448000	65.262	17.176	147.009	34940.711	41079.367	26.459	27.934	28.62	1.019
9/29/2017 6:15	2448900	65.27	17.176	147.027	34956.75	41098.227	26.472	27.947	28.607	1.019
9/29/2017 6:30	2449800	65.283	17.176	147.056	34960.75	41103.414	26.476	27.95	28.604	1.019
9/29/2017 6:45	2450700	65.29	17.176	147.073	34949.973	41090.5	26.467	27.942	28.612	1.019
9/29/2017 7:00	2451600	65.299	17.176	147.092	34966.391	41109.801	26.481	27.955	28.599	1.019
9/29/2017 7:15	2452500	65.307	17.176	147.111	34938.82	41077.789	26.458	27.933	28.621	1.019
9/29/2017 7:30	2453400	65.313	17.176	147.124	34910.461	41044.129	26.434	27.91	28.645	1.019
9/29/2017 7:45	2454300	65.318	17.176	147.134	34950.711	41091.453	26.468	27.942	28.612	1.019
9/29/2017 8:00	2455200	65.322	17.176	147.145	34936.582	41074.918	26.456	27.931	28.623	1.019
9/29/2017 8:15	2456100	65.326	17.175	147.154	34944.668	41084.824	26.463	27.938	28.617	1.019
9/29/2017 8:30	2457000	65.328	17.176	147.158	34959.438	41101.871	26.475	27.949	28.605	1.019
9/29/2017 8:45	2457900	65.332	1							

9/30/2017 7:15	2538900	65.124	17.178	146.698	35014.23	41164.586	26.52	27.992	28.56	1.019
9/30/2017 7:30	2539800	65.129	17.177	146.709	35012.711	41163.293	26.519	27.991	28.561	1.019
9/30/2017 7:45	2540700	65.13	17.177	146.711	35008.109	41157.793	26.515	27.987	28.565	1.019
9/30/2017 8:00	2541600	65.132	17.177	146.716	35011.773	41162.027	26.518	27.99	28.562	1.019
9/30/2017 8:15	2542500	65.13	17.177	146.711	35021.418	41173.848	26.526	27.998	28.554	1.019
9/30/2017 8:30	2543400	65.132	17.177	146.717	35006.66	41156.422	26.514	27.986	28.566	1.019
9/30/2017 8:45	2544300	65.134	17.177	146.721	35008.684	41158.723	26.516	27.988	28.564	1.019
9/30/2017 9:00	2545200	65.138	17.177	146.729	35027.535	41180.559	26.531	28.003	28.549	1.019
9/30/2017 9:15	2546100	65.136	17.177	146.726	34988.363	41134.504	26.498	27.971	28.581	1.019
9/30/2017 9:30	2547000	65.138	17.177	146.729	35032.852	41186.648	26.536	28.007	28.545	1.019
9/30/2017 9:45	2547900	65.136	17.177	146.725	35004.84	41154.039	26.512	27.985	28.567	1.019
9/30/2017 10:00	2548800	65.139	17.177	146.733	35007.031	41156.293	26.514	27.986	28.566	1.019
9/30/2017 10:15	2549700	65.135	17.177	146.723	35017.359	41169.16	26.523	27.995	28.557	1.019
9/30/2017 10:30	2550600	65.139	17.177	146.731	34994.234	41141.813	26.504	27.976	28.576	1.019
9/30/2017 10:45	2551500	65.135	17.177	146.724	34999.84	41148.402	26.508	27.981	28.572	1.019
9/30/2017 11:00	2552400	65.132	17.176	146.716	35000.438	41149.344	26.509	27.982	28.571	1.019
9/30/2017 11:15	2553300	65.131	17.177	146.714	35015.453	41166.102	26.521	27.993	28.559	1.019
9/30/2017 11:30	2554200	65.131	17.177	146.714	35003.625	41152.852	26.511	27.984	28.568	1.019
9/30/2017 11:45	2555100	65.128	17.177	146.708	35050.172	41207.172	26.55	28.021	28.531	1.019
9/30/2017 12:00	2556000	65.127	17.177	146.704	35000.539	41149.055	26.509	27.981	28.571	1.019
9/30/2017 12:15	2556900	65.124	17.177	146.698	35003.953	41152.906	26.511	27.984	28.568	1.019
9/30/2017 12:30	2557800	65.123	17.177	146.696	34986.18	41132.012	26.497	27.97	28.583	1.019
9/30/2017 12:45	2558700	65.122	17.177	146.694	35012.754	41163.254	26.519	27.991	28.561	1.019
9/30/2017 13:00	2559600	65.12	17.177	146.69	35004	41152.891	26.511	27.984	28.568	1.019
9/30/2017 13:15	2560500	65.119	17.177	146.687	34993.234	41140.07	26.502	27.975	28.577	1.019
9/30/2017 13:30	2561400	65.118	17.177	146.684	35007.695	41157.305	26.515	27.987	28.565	1.019
9/30/2017 13:45	2562300	65.117	17.177	146.682	35011.91	41162.594	26.518	27.991	28.562	1.019
9/30/2017 14:00	2563200	65.116	17.177	146.679	35022.465	41174.344	26.527	27.999	28.553	1.019
9/30/2017 14:15	2564100	65.117	17.178	146.682	35033.215	41186.664	26.536	28.007	28.544	1.019
9/30/2017 14:30	2565000	65.117	17.177	146.682	35015.957	41167.352	26.522	27.994	28.558	1.019
9/30/2017 14:45	2565900	65.117	17.177	146.682	35009.363	41159.598	26.516	27.989	28.564	1.019
9/30/2017 15:00	2566800	65.119	17.177	146.688	34999.809	41147.707	26.508	27.98	28.572	1.019
9/30/2017 15:15	2567700	65.116	17.177	146.681	35015.387	41166.348	26.521	27.993	28.559	1.019
9/30/2017 15:30	2568600	65.116	17.177	146.681	35007.078	41156.672	26.514	27.987	28.566	1.019
9/30/2017 15:45	2569500	65.116	17.177	146.679	35026.125	41179.227	26.53	28.002	28.55	1.019
9/30/2017 16:00	2570400	65.12	17.177	146.69	35000.859	41149.113	26.509	27.981	28.571	1.019
9/30/2017 16:15	2571300	65.122	17.177	146.694	35022.156	41174.398	26.527	27.999	28.553	1.019
9/30/2017 16:30	2572200	65.125	17.177	146.699	35040.676	41196.332	26.542	28.014	28.538	1.019
9/30/2017 16:45	2573100	65.125	17.177	146.699	35033.305	41187.34	26.536	28.007	28.544	1.019
9/30/2017 17:00	2574000	65.127	17.177	146.706	35001.539	41149.914	26.509	27.982	28.57	1.019
9/30/2017 17:15	2574900	65.132	17.178	146.716	35000.785	41148.617	26.508	27.981	28.571	1.019
9/30/2017 17:30	2575800	65.132	17.177	146.716	35004.629	41153.629	26.512	27.984	28.568	1.019
9/30/2017 17:45	2576700	65.134	17.177	146.72	35022.91	41175.121	26.527	27.999	28.553	1.019
9/30/2017 18:00	2577600	65.134	17.177	146.72	34995.313	41142.516	26.504	27.977	28.575	1.019
9/30/2017 18:15	2578500	65.139	17.177	146.731	35013.426	41164.043	26.519	27.992	28.56	1.019
9/30/2017 18:30	2579400	65.138	17.177	146.73	35003.934	41152.648	26.511	27.984	28.568	1.019
9/30/2017 18:45	2580300	65.143	17.177	146.741	35019.324	41170.82	26.524	27.996	28.556	1.019
9/30/2017 19:00	2581200	65.139	17.177	146.733	35022.031	41174.004	26.527	27.998	28.553	1.019
9/30/2017 19:15	2582100	65.143	17.177	146.74	35005.434	41154.648	26.513	27.985	28.567	1.019
9/30/2017 19:30	2583000	65.147	17.177	146.75	34995.109	41142.602	26.504	27.977	28.575	1.019
9/30/2017 19:45	2583900	65.144	17.177	146.744	35003.25	41152.008	26.511	27.983	28.569	1.019
9/30/2017 20:00	2584800	65.146	17.177	146.748	35011.457	41161.82	26.518	27.99	28.562	1.019
9/30/2017 20:15	2585700	65.15	17.177	146.756	35016.344	41167.637	26.522	27.994	28.558	1.019
9/30/2017 20:30	2586600	65.146	17.177	146.748	35016.715	41168	26.522	27.994	28.558	1.019
9/30/2017 20:45	2587500	65.145	17.177	146.745	34990.035	41136.387	26.5	27.973	28.58	1.019
9/30/2017 21:00	2588400	65.142	17.177	146.739	34997.16	41144.918	26.506	27.979	28.574	1.019
9/30/2017 21:15	2589300	65.147	17.177	146.749	35037.727	41192.457	26.54	28.011	28.541	1.019
9/30/2017 21:30	2590200	65.141	17.177	146.737	35021.438	41173.461	26.526	27.998	28.554	1.019
9/30/2017 21:45	2591100	65.139	17.177	146.731	34999.707	41147.844	26.508	27.981	28.572	1.019
9/30/2017 22:00	2592000	65.138	17.177	146.729	35019.453	41171.289	26.525	27.996	28.556	1.019
9/30/2017 22:15	2592900	65.132	17.177	146.717	35020.648	41172.461	26.525	27.997	28.555	1.019
9/30/2017 22:30	2593800	65.129	17.177	146.71	35003.781	41152.379	26.511	27.984	28.568	1.019
9/30/2017 22:45	2594700	65.127	17.178	146.705	35015.387	41165.871	26.521	27.993	28.559	1.019
9/30/2017 23:00	2595600	65.126	17.177	146.703	35003.891	41152.676	26.511	27.984	28.568	1.019
9/30/2017 23:15	2596500	65.118	17.177	146.684	35012.973	41163.438	26.519	27.991	28.561	1.019
9/30/2017 23:30	2597400	65.114	17.177	146.675	35026.043	41178.719	26.53	28.002	28.55	1.019
9/30/2017 23:45	2598300	65.107	17.177	146.66	35006.016	41155.098	26.513	27.985	28.567	1.019
10/1/2017 0:00	2599200	65.103	17.178	146.651	35011.852	41161.789	26.518	27.99	28.562	1.019
10/1/2017 0:15	2600100	65.102	17.178	146.649	35015.723	41166.344	26.521	27.993	28.559	1.019
10/1/2017 0:30	2601000	65.093	17.177	146.628	35025.93	41178.672	26.53	28.001	28.55	1.019
10/1/2017 0:45	2601900	65.084	17.178	146.609	35011.41	41161.273	26.517	27.99	28.562	1.019
10/1/2017 1:00	2602800	65.085	17.177	146.611	35018.316	41169.719	26.523	27.995	28.556	1.019
10/1/2017 1:15	2603700	65.077	17.177	146.591	35026.793	41179.523	26.53	28.002	28.55	1.019
10/1/2017 1:30	2604600	65.077	17.177	146.592	35033.715	41187.57	26.536	28.008	28.544	1.019
10/1/2017 1:45	2605500	65.069	17.177	146.575	35036.148	41190.684	26.538	28.01	28.542	1.019
10/1/2017 2:00	2606400	65.067	17.177	146.569	35039.801	41194.727	26.541	28.012	28.539	1.019
10/1/2017 2:15	2607300	65.062	17.177	146.559	35008.941	41158.934	26.516	27.988	28.564	1.019
10/1/2017 2:30	2608200	65.062	17.177	146.56	35027.996	41180.938	26.532	28.003	28.549	1.019
10/1/2017 2:45	2609100	65.056	17.177	146.544	35018.473	41169.742	26.524	27.995	28.556	1.019
10/1/2017 3:00	2610000	65.054	17.177	146.54	35027.395	41180.141	26.531	28.002	28.549	1.019
10/1/2017 3:15	2610900	65.054	17.177	146.54	35023.047	41175.199	26.527	27.999	28.553	1.019
10/1/2017 3:30	2611800	65.054	17.177	146.54	34999.297	41147.277	26.507	27.98	28.572	1.019
10/1/2017 3:45	2612700	65.053	17.177	146.538	35012.934	41163.555	26.519	27.991	28.561	1.019
10/1/2017 4:00	2613600	65.051	17.178	146.533	35027.309	41179.797	26.531	28.002	28.549	1.019
10/1/2017 4:15	2614500	65.05	17.177	146.531	35028.188	41181.164	26.532	28.003	28.548	1.019
10/1/2017 4:30	2615400	65.052	17.177	146.535	35016.133	41167.227	26.522	27.994	28.558	1.019
10/1/2017 4:45	2616300	65.054	17.178	146.54	35023.23	41175.168	26.527	27.999	28.552	1.019
10/1/2017 5:00	2617200	65.053	17.177	146.538	35020.875	41172.473	26.525	27.997	28.554	1.019
10/1/2017 5:15	2618100	65.055	17.177</							

10/2/2017 3:45	2699100	65.025	17.178	146.474	35008.754	41157.906	26.515	27.987	28.564	1.019
10/2/2017 4:00	2700000	65.025	17.177	146.474	35012.047	41162.094	26.518	27.99	28.562	1.019
10/2/2017 4:15	2700900	65.025	17.179	146.475	35027.031	41178.656	26.53	28.001	28.549	1.019
10/2/2017 4:30	2701800	65.025	17.178	146.475	35006.172	41155.035	26.513	27.985	28.566	1.019
10/2/2017 4:45	2702700	65.025	17.178	146.475	35008.922	41157.777	26.515	27.987	28.564	1.019
10/2/2017 5:00	2703600	65.024	17.177	146.473	35031.945	41185.488	26.535	28.006	28.545	1.019
10/2/2017 5:15	2704500	65.024	17.178	146.473	35012.875	41162.828	26.519	27.991	28.561	1.019
10/2/2017 5:30	2705400	65.031	17.178	146.488	35013.066	41162.73	26.519	27.991	28.561	1.019
10/2/2017 5:45	2706300	65.032	17.178	146.491	35026.82	41179.223	26.53	28.002	28.55	1.019
10/2/2017 6:00	2707200	65.037	17.178	146.503	35037.773	41192.188	26.54	28.011	28.541	1.019
10/2/2017 6:15	2708100	65.037	17.178	146.503	35027.109	41179.32	26.53	28.002	28.549	1.019
10/2/2017 6:30	2709000	65.039	17.178	146.507	35007.59	41156.539	26.514	27.986	28.565	1.019
10/2/2017 6:45	2709900	65.041	17.177	146.512	34998.664	41146.363	26.507	27.98	28.573	1.019
10/2/2017 7:00	2710800	65.045	17.178	146.52	34996.988	41144.316	26.505	27.978	28.574	1.019
10/2/2017 7:15	2711700	65.05	17.178	146.532	35004.941	41153.668	26.512	27.984	28.567	1.019
10/2/2017 7:30	2712600	65.055	17.178	146.543	35003.133	41151.465	26.51	27.983	28.569	1.019
10/2/2017 7:45	2713500	65.057	17.178	146.548	34993.672	41140.418	26.503	27.975	28.577	1.019
10/2/2017 8:00	2714400	65.06	17.177	146.555	35029.168	41182.223	26.532	28.004	28.548	1.019
10/2/2017 8:15	2715300	65.065	17.178	146.565	35010.859	41160.625	26.517	27.989	28.563	1.019
10/2/2017 8:30	2716200	65.068	17.178	146.571	35026.086	41178.117	26.53	28.001	28.55	1.019
10/2/2017 8:45	2717100	65.068	17.178	146.571	35017.445	41168.203	26.522	27.994	28.557	1.019
10/2/2017 9:00	2718000	65.072	17.178	146.58	35024.563	41176.656	26.528	28	28.551	1.019
10/2/2017 9:15	2718900	65.077	17.178	146.591	35012.867	41162.742	26.519	27.991	28.561	1.019
10/2/2017 9:30	2719800	65.078	17.177	146.595	35031.414	41184.863	26.534	28.006	28.546	1.019
10/2/2017 9:45	2720700	65.077	17.178	146.591	35001.457	41149.246	26.509	27.981	28.57	1.019
10/2/2017 10:00	2721600	65.082	17.177	146.603	35004.102	41152.754	26.511	27.984	28.568	1.019
10/2/2017 10:15	2722500	65.08	17.178	146.6	35017.27	41168.16	26.522	27.994	28.557	1.019
10/2/2017 10:30	2723400	65.082	17.177	146.603	35024.293	41176.664	26.528	28	28.552	1.019
10/2/2017 10:45	2724300	65.08	17.177	146.6	35014.695	41165.379	26.52	27.992	28.559	1.019
10/2/2017 11:00	2725200	65.085	17.178	146.61	34985.297	41130.57	26.496	27.969	28.583	1.019
10/2/2017 11:15	2726100	65.082	17.178	146.603	35004.891	41153.199	26.512	27.984	28.567	1.019
10/2/2017 11:30	2727000	65.082	17.178	146.603	35001.535	41149.586	26.509	27.982	28.57	1.019
10/2/2017 11:45	2727900	65.078	17.178	146.595	35018.457	41169.313	26.523	27.995	28.556	1.019
10/2/2017 12:00	2728800	65.074	17.178	146.586	34997.711	41144.926	26.506	27.979	28.573	1.019
10/2/2017 12:15	2729700	65.073	17.178	146.584	35018.973	41170.086	26.524	27.996	28.556	1.019
10/2/2017 12:30	2730600	65.073	17.178	146.584	35012.98	41162.953	26.519	27.991	28.561	1.019
10/2/2017 12:45	2731500	65.071	17.178	146.579	35007.488	41156.582	26.514	27.986	28.565	1.019
10/2/2017 13:00	2732400	65.066	17.178	146.567	35028.695	41181.516	26.532	28.003	28.548	1.019
10/2/2017 13:15	2733300	65.064	17.177	146.563	35010.574	41160.617	26.517	27.989	28.563	1.019
10/2/2017 13:30	2734200	65.061	17.178	146.557	34994.449	41140.844	26.503	27.976	28.576	1.019
10/2/2017 13:45	2735100	65.058	17.177	146.55	35019.109	41170.398	26.524	27.996	28.556	1.019
10/2/2017 14:00	2736000	65.053	17.178	146.538	35001.289	41149.133	26.509	27.981	28.57	1.019
10/2/2017 14:15	2736900	65.053	17.178	146.538	35013.473	41163.695	26.519	27.991	28.56	1.019
10/2/2017 14:30	2737800	65.047	17.178	146.525	35023.586	41175.344	26.528	27.999	28.552	1.019
10/2/2017 14:45	2738700	65.063	17.178	146.56	35037.891	41192.078	26.539	28.011	28.541	1.019
10/2/2017 15:00	2739600	65.044	17.178	146.519	35005.059	41153.563	26.512	27.984	28.567	1.019
10/2/2017 15:15	2740500	65.042	17.178	146.513	35018.578	41169.211	26.523	27.995	28.556	1.019
10/2/2017 15:30	2741400	65.041	17.178	146.511	35007.203	41156.324	26.514	27.986	28.566	1.019
10/2/2017 15:45	2742300	65.043	17.178	146.515	35023.77	41175.23	26.527	27.999	28.552	1.019
10/2/2017 16:00	2743200	65.039	17.178	146.506	34991.129	41137.02	26.5	27.973	28.579	1.019
10/2/2017 16:15	2744100	65.037	17.177	146.502	34997.816	41145.535	26.506	27.979	28.573	1.019
10/2/2017 16:30	2745000	65.04	17.178	146.508	35022.836	41174.297	26.527	27.999	28.553	1.019
10/2/2017 16:45	2745900	65.043	17.178	146.516	35022.031	41173.758	26.526	27.998	28.553	1.019
10/2/2017 17:00	2746800	65.039	17.178	146.507	35020.629	41171.461	26.525	27.997	28.555	1.019
10/2/2017 17:15	2747700	65.041	17.178	146.511	35018.922	41169.695	26.524	27.995	28.556	1.019
10/2/2017 17:30	2748600	65.043	17.178	146.515	35016.059	41166.738	26.521	27.993	28.558	1.019
10/2/2017 17:45	2749500	65.05	17.178	146.531	35007.961	41157.051	26.514	27.987	28.565	1.019
10/2/2017 18:00	2750400	65.049	17.178	146.528	35019.672	41170.336	26.524	27.996	28.555	1.019
10/2/2017 18:15	2751300	65.055	17.178	146.543	35021.926	41173.559	26.526	27.998	28.554	1.019
10/2/2017 18:30	2752200	65.057	17.178	146.547	35025.945	41178.117	26.53	28.001	28.55	1.019
10/2/2017 18:45	2753100	65.058	17.178	146.549	35004.883	41153.273	26.512	27.984	28.567	1.019
10/2/2017 19:00	2754000	65.06	17.177	146.553	35015.848	41166.563	26.521	27.993	28.558	1.019
10/2/2017 19:15	2754900	65.068	17.177	146.571	35018.813	41170.219	26.524	27.996	28.556	1.019
10/2/2017 19:30	2755800	65.069	17.178	146.573	35010.273	41159.449	26.516	27.988	28.563	1.019
10/2/2017 19:45	2756700	65.071	17.178	146.579	35023.258	41174.793	26.527	27.999	28.552	1.019
10/2/2017 20:00	2757600	65.078	17.178	146.594	35010.898	41160.43	26.517	27.989	28.563	1.019
10/2/2017 20:15	2758500	65.077	17.178	146.592	34986.797	41132.336	26.497	27.97	28.582	1.019
10/2/2017 20:30	2759400	65.08	17.177	146.6	35026.559	41179.156	26.53	28.002	28.55	1.019
10/2/2017 20:45	2760300	65.083	17.178	146.605	35012.676	41162.684	26.518	27.991	28.561	1.019
10/2/2017 21:00	2761200	65.086	17.178	146.613	35004.148	41152.086	26.511	27.983	28.568	1.019
10/2/2017 21:15	2762100	65.084	17.178	146.608	34996.059	41143.145	26.505	27.977	28.575	1.019
10/2/2017 21:30	2763000	65.085	17.178	146.611	35011.941	41161.73	26.518	27.99	28.562	1.019
10/2/2017 21:45	2763900	65.088	17.178	146.616	35002.504	41150.801	26.51	27.983	28.569	1.019
10/2/2017 22:00	2764800	65.087	17.178	146.614	35016.035	41166.137	26.521	27.993	28.558	1.019
10/2/2017 22:15	2765700	65.087	17.178	146.614	34998.734	41146.043	26.507	27.979	28.572	1.019
10/2/2017 22:30	2766600	65.088	17.177	146.618	34998.113	41145.809	26.506	27.979	28.573	1.019
10/2/2017 22:45	2767500	65.087	17.178	146.616	35018.91	41170.012	26.524	27.996	28.556	1.019
10/2/2017 23:00	2768400	65.08	17.178	146.6	34995.746	41142.691	26.504	27.977	28.575	1.019
10/2/2017 23:15	2769300	65.083	17.177	146.606	34988.906	41134.984	26.499	27.972	28.58	1.019
10/2/2017 23:30	2770200	65.08	17.178	146.598	35031.082	41184.156	26.534	28.005	28.546	1.019
10/2/2017 23:45	2771100	65.076	17.177	146.59	35013.203	41163.453	26.519	27.991	28.561	1.019
10/3/2017 0:00	2772000	65.076	17.178	146.59	34991.824	41138.246	26.501	27.974	28.578	1.019
10/3/2017 0:15	2772900	65.066	17.177	146.568	35026.789	41179.426	26.53	28.002	28.55	1.019
10/3/2017 0:30	2773800	65.063	17.178	146.56	35004.137	41152.234	26.511	27.984	28.568	1.019
10/3/2017 0:45	2774700	65.052	17.178	146.536	35017.418	41168.172	26.522	27.994	28.557	1.019
10/3/2017 1:00	2775600	65.054	17.178	146.541	35022.41	41173.961	26.527	27.998	28.553	1.019
10/3/2017 1:15	2776500	65.045	17.178	146.52	35016.359	41166.52	26.521	27.993	28.558	1.019
10/3/2017 1:30	2777400	65.042	17.177	146.513	35013.02	41163.238	26.519	27.991	28.561	1.019
10/3/2017 1:45	2778300	65.039	17.178	146.						

10/4/2017 0:15	2859300	65.048	17.178	146.526	35033.379	41186.449	26.535	28.007	28.544	1.019
10/4/2017 0:30	2860200	65.039	17.179	146.507	35024.773	41176.094	26.528	28	28.551	1.019
10/4/2017 0:45	2861100	65.037	17.178	146.502	35032.926	41186.078	26.535	28.007	28.545	1.019
10/4/2017 1:00	2862000	65.032	17.178	146.492	35031.605	41184.195	26.534	28.005	28.546	1.019
10/4/2017 1:15	2862900	65.029	17.178	146.483	35024.68	41176.461	26.528	28	28.551	1.019
10/4/2017 1:30	2863800	65.024	17.178	146.472	35022.094	41173.098	26.526	27.998	28.553	1.019
10/4/2017 1:45	2864700	65.017	17.178	146.457	35043.156	41198.43	26.544	28.015	28.536	1.019
10/4/2017 2:00	2865600	65.011	17.178	146.444	35018.309	41169.055	26.523	27.995	28.556	1.019
10/4/2017 2:15	2866500	65.01	17.179	146.44	35016.133	41165.844	26.521	27.993	28.558	1.019
10/4/2017 2:30	2867400	65.004	17.178	146.428	35049.242	41205.012	26.549	28.019	28.531	1.019
10/4/2017 2:45	2868300	64.998	17.178	146.414	35016.715	41167.098	26.522	27.994	28.558	1.019
10/4/2017 3:00	2869200	64.996	17.179	146.41	35014.578	41164.016	26.519	27.992	28.56	1.019
10/4/2017 3:15	2870100	64.989	17.178	146.394	35018.613	41169.004	26.523	27.995	28.556	1.019
10/4/2017 3:30	2871000	64.983	17.179	146.382	35023.629	41174.414	26.527	27.999	28.552	1.019
10/4/2017 3:45	2871900	64.979	17.178	146.372	35035.594	41188.969	26.537	28.009	28.542	1.019
10/4/2017 4:00	2872800	64.963	17.178	146.336	35011.891	41161.188	26.517	27.99	28.562	1.019
10/4/2017 4:15	2873700	64.973	17.179	146.358	35017.23	41166.891	26.522	27.993	28.557	1.019
10/4/2017 4:30	2874600	64.97	17.179	146.35	35015.531	41164.977	26.52	27.992	28.559	1.019
10/4/2017 4:45	2875500	64.967	17.178	146.346	35046.285	41201.703	26.546	28.017	28.534	1.019
10/4/2017 5:00	2876400	64.965	17.179	146.341	35026.625	41178.27	26.53	28.001	28.55	1.019
10/4/2017 5:15	2877300	64.967	17.179	146.344	35019.18	41169.426	26.523	27.995	28.556	1.019
10/4/2017 5:30	2878200	64.962	17.179	146.334	35025.727	41177.121	26.529	28	28.55	1.019
10/4/2017 5:45	2879100	64.963	17.178	146.335	35026.848	41178.684	26.53	28.002	28.55	1.019
10/4/2017 6:00	2880000	64.965	17.179	146.341	35016.766	41166.426	26.521	27.993	28.558	1.019
10/4/2017 6:15	2880900	64.967	17.178	146.345	35053.285	41209.766	26.552	28.023	28.528	1.019
10/4/2017 6:30	2881800	64.972	17.178	146.355	35020.133	41170.879	26.524	27.996	28.555	1.019
10/4/2017 6:45	2882700	64.97	17.178	146.35	35025.41	41176.91	26.529	28	28.551	1.019
10/4/2017 7:00	2883600	64.976	17.179	146.366	35033.664	41186.453	26.535	28.007	28.544	1.019
10/4/2017 7:15	2884500	64.978	17.179	146.37	35009.871	41158.32	26.515	27.988	28.563	1.019
10/4/2017 7:30	2885400	64.98	17.178	146.375	35032.23	41184.93	26.534	28.006	28.545	1.019
10/4/2017 7:45	2886300	64.987	17.178	146.39	35000.445	41147.645	26.508	27.98	28.571	1.019
10/4/2017 8:00	2887200	64.991	17.179	146.399	35028.699	41180.711	26.531	28.003	28.548	1.019
10/4/2017 8:15	2888100	64.996	17.178	146.409	35030.668	41183.094	26.533	28.005	28.546	1.019
10/4/2017 8:30	2889000	64.996	17.179	146.41	35026.617	41178.262	26.53	28.001	28.55	1.019
10/4/2017 8:45	2889900	65.005	17.178	146.429	35013.602	41163.199	26.519	27.991	28.56	1.019
10/4/2017 9:00	2890800	65.007	17.179	146.434	35040.906	41194.969	26.542	28.013	28.538	1.019
10/4/2017 9:15	2891700	65.011	17.179	146.443	35017.367	41167.223	26.522	27.994	28.557	1.019
10/4/2017 9:30	2892600	65.019	17.179	146.461	35023.184	41174.227	26.527	27.998	28.553	1.019
10/4/2017 9:45	2893500	65.018	17.178	146.458	35001.27	41148.777	26.509	27.981	28.57	1.019
10/4/2017 10:00	2894400	65.02	17.178	146.463	35010.984	41160.363	26.517	27.989	28.562	1.019
10/4/2017 10:15	2895300	65.024	17.179	146.472	35038.168	41191.508	26.539	28.01	28.54	1.019
10/4/2017 10:30	2896200	65.028	17.178	146.481	35021.133	41171.883	26.525	27.997	28.554	1.019
10/4/2017 10:45	2897100	65.028	17.178	146.482	35009.09	41158.301	26.515	27.988	28.564	1.019
10/4/2017 11:00	2898000	65.03	17.178	146.487	35020.254	41171.098	26.525	27.996	28.555	1.019
10/4/2017 11:15	2898900	65.033	17.178	146.493	35013.535	41162.949	26.519	27.991	28.56	1.019
10/4/2017 11:30	2899800	65.031	17.178	146.488	35012.039	41161.363	26.518	27.99	28.562	1.019
10/4/2017 11:45	2900700	65.027	17.178	146.479	35016.059	41166.328	26.521	27.993	28.558	1.019
10/4/2017 12:00	2901600	65.03	17.178	146.485	35017.238	41167.305	26.522	27.994	28.557	1.019
10/4/2017 12:15	2902500	65.03	17.179	146.485	35020.352	41170.73	26.524	27.996	28.555	1.019
10/4/2017 12:30	2903400	65.028	17.178	146.482	35027.16	41178.969	26.53	28.002	28.549	1.019
10/4/2017 12:45	2904300	65.026	17.178	146.477	35030.07	41182.391	26.533	28.004	28.547	1.019
10/4/2017 13:00	2905200	65.024	17.178	146.473	35016.613	41166.738	26.521	27.993	28.558	1.019
10/4/2017 13:15	2906100	65.017	17.178	146.457	35017.426	41167.609	26.522	27.994	28.557	1.019
10/4/2017 13:30	2907000	65.012	17.179	146.446	35023.91	41174.508	26.527	27.999	28.552	1.019
10/4/2017 13:45	2907900	65.01	17.178	146.441	35013.785	41163.328	26.519	27.991	28.56	1.019
10/4/2017 14:00	2908800	65.02	17.178	146.465	35022.93	41174.242	26.527	27.998	28.553	1.019
10/4/2017 14:15	2909700	65.005	17.178	146.429	35022.211	41173.32	26.526	27.998	28.553	1.019
10/4/2017 14:30	2910600	65.001	17.178	146.42	35020.48	41171.449	26.525	27.997	28.555	1.019
10/4/2017 14:45	2911500	64.995	17.178	146.407	35012.926	41162.484	26.518	27.99	28.561	1.019
10/4/2017 15:00	2912400	64.993	17.178	146.404	35032.059	41184.813	26.534	28.006	28.545	1.019
10/4/2017 15:15	2913300	64.984	17.179	146.384	35012.793	41162.008	26.518	27.99	28.561	1.019
10/4/2017 15:30	2914200	64.983	17.178	146.382	35025.359	41177.102	26.529	28	28.551	1.019
10/4/2017 15:45	2915100	64.983	17.179	146.382	35020.301	41170.836	26.524	27.996	28.555	1.019
10/4/2017 16:00	2916000	64.975	17.179	146.363	35027.527	41179.168	26.53	28.002	28.549	1.019
10/4/2017 16:15	2916900	64.976	17.178	146.365	35020.203	41170.961	26.524	27.996	28.555	1.019
10/4/2017 16:30	2917800	64.971	17.178	146.353	35011.789	41160.898	26.517	27.989	28.562	1.019
10/4/2017 16:45	2918700	64.971	17.179	146.352	35021.324	41172.039	26.525	27.997	28.554	1.019
10/4/2017 17:00	2919600	64.964	17.179	146.338	35013.285	41162.422	26.518	27.99	28.561	1.019
10/4/2017 17:15	2920500	64.965	17.179	146.34	35013.387	41162.453	26.518	27.99	28.561	1.019
10/4/2017 17:30	2921400	64.968	17.178	146.346	35008.941	41157.551	26.515	27.987	28.564	1.019
10/4/2017 17:45	2922300	64.97	17.179	146.35	35034.703	41187.766	26.536	28.008	28.543	1.019
10/4/2017 18:00	2923200	64.967	17.179	146.345	35025.484	41176.766	26.529	28	28.551	1.019
10/4/2017 18:15	2924100	64.996	17.178	146.409	35041.984	41196.398	26.543	28.014	28.537	1.019
10/4/2017 18:30	2925000	65.023	17.179	146.47	35009.262	41157.859	26.515	27.987	28.564	1.019
10/4/2017 18:45	2925900	65.049	17.179	146.529	35009.453	41158.082	26.515	27.987	28.564	1.019
10/4/2017 19:00	2926800	65.073	17.178	146.584	34987.461	41132.297	26.497	27.97	28.582	1.019
10/4/2017 19:15	2927700	65.091	17.178	146.624	34982.066	41126.531	26.493	27.966	28.586	1.019
10/4/2017 19:30	2928600	65.107	17.178	146.659	34966.777	41107.98	26.479	27.953	28.599	1.019
10/4/2017 19:45	2929500	65.12	17.178	146.689	34967.992	41109.82	26.481	27.955	28.598	1.019
10/4/2017 20:00	2930400	65.136	17.178	146.725	34959.266	41099.645	26.474	27.948	28.605	1.019
10/4/2017 20:15	2931300	65.142	17.178	146.739	34952.531	41091.641	26.468	27.942	28.61	1.019
10/4/2017 20:30	2932200	65.152	17.178	146.762	34969.973	41112.23	26.482	27.956	28.596	1.019
10/4/2017 20:45	2933100	65.17	17.178	146.802	34968.352	41109.914	26.481	27.955	28.597	1.019
10/4/2017 21:00	2934000	65.177	17.178	146.817	34965.762	41107.035	26.479	27.953	28.599	1.019
10/4/2017 21:15	2934900	65.186	17.179	146.838	34963.785	41104.23	26.477	27.951	28.601	1.019
10/4/2017 21:30	2935800	65.194	17.178	146.856	34974.797	41117.82	26.486	27.96	28.592	1.019
10/4/2017 21:45	2936700	65.203	17.178	146.877	34987.223	41132.266	26.497	27.97	28.582	1.019
10/4/2017 22:00	2937600	65.209	17.179	146.89	34967.418	41108.574	26.48	27.954	28.598	1.019
10/4/2017 22:15	2938500	65.217	17.178	146.909	34977.609	41120.8				

Report Date:	10/9/2017 9:50										
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_Append_2017-10-05_15-47-07-027.wsl										
Create Date	10/5/2017 15:47										
Device Properties											
Device	Aqua TROLL 200										
Site	MPWSP MW-3S										
Device Name											
Serial Number	396211										
Firmware Version	2										
Hardware Version	3										
Device Address	1										
Device Comm Cfg	19200		8 Even		1 (Modbus-RTU)						
Used Memory	3										
Used Battery	2										
Log Configuration											
Log Name	MPWSP MW-3S Pre Test										
Created By	nreynolds										
Computer Name	PROBOOK1										
Application	WinSitu.exe										
Application Version	5.6.25.0										
Create Date	3/13/2015 6:58:13 PM Pacific Daylight Time										
Log Setup Time Zone	Pacific Daylight Time										
Notes Size(bytes)	4096										
Overwrite when full	Enabled										
Scheduled Start Time	3/13/2015 7:00:00 PM Pacific Daylight Time										
Scheduled Stop Time	No Stop Time										
Type	Linear										
Interval	Days: 0 hrs: 00 mins: 15 secs: 00										
Level Reference Settings At Log Creation											
Level Measurement Mode	Depth										
Specific Gravity	1.024										
Other Log Settings											
Depth of Probe:	44.5023 (ft)										
Head Pressure:	19.756 (PSI)										
Temperature:	17.1158 (C)										
Specific Conductivity Model:	Standard Methods										
Reference Temperature:	25										
Temperature Coefficient:	0.0191										
TDS Factor:	0.68										
Log Notes:											
Date and Time	Note										
3/13/2015 18:58 Used Battery: 2% Used Memory: 6% User Name: nreynolds											
3/20/2015 16:02 Log Download - Used Battery: 2% Used Memory: 6% User Name: GSSI											
3/27/2015 10:43 Log Download - Used Battery: 2% Used Memory: 7% User Name: GSSI											
4/3/2015 13:47 Log Download - Used Battery: 3% Used Memory: 7% User Name: ECrowWillard											
4/10/2015 8:44 Log Download - Used Battery: 3% Used Memory: 9% User Name: ECrowWillard											
4/17/2015 12:18 Log Download - Used Battery: 4% Used Memory: 9% User Name: AKieta											
4/21/2015 14:05 Log Download - Used Battery: 4% Used Memory: 9% User Name: ECrowWillard											
4/24/2015 11:08 Log Download - Used Battery: 4% Used Memory: 10% User Name: ECrowWillard											
4/24/2015 11:12 Log Download - Used Battery: 4% Used Memory: 10% User Name: ECrowWillard											
4/30/2015 14:05 Log Download - Used Battery: 4% Used Memory: 10% User Name: GSSI											
5/7/2015 12:30 Log Download - Used Battery: 5% Used Memory: 12% User Name: ECrowWillard Interval - Start Time: 4/30/2015 2:00:00 PM											
5/14/2015 16:06 Log Download - Used Battery: 5% Used Memory: 12% User Name: BDuarte											
5/21/2015 11:34 Log Download - Used Battery: 5% Used Memory: 14% User Name: CShaw											
5/28/2015 9:06 Log Download - Used Battery: 6% Used Memory: 14% User Name: ECrowWillard Interval - Start Time: 5/7/2015 12:30:00 PM											
6/4/2015 12:21 Log Download - Used Battery: 6% Used Memory: 15% User Name: BDuarte											
6/11/2015 11:48 Log Download - Used Battery: 6% Used Memory: 15% User Name: BDuarte Interval - Start Time: 6/4/2015 12:15:00 PM											
6/17/2015 8:00 Log Download - Used Battery: 7% Used Memory: 17% User Name: CShaw Interval - Start Time: 5/21/2015 11:30:00 AM											
6/18/2015 8:47 Log Download - Used Battery: 7% Used Memory: 17% User Name: CShaw											
6/25/2015 8:49 Log Download - Used Battery: 7% Used Memory: 17% User Name: BDuarte Interval - Start Time: 6/11/2015 11:45:00 AM											
6/30/2015 11:08 Log Download - Used Battery: 7% Used Memory: 18% User Name: BDuarte											
7/2/2015 9:20 Log Download - Used Battery: 8% Used Memory: 18% User Name: CShaw											
7/7/2015 11:29 Log Download - Used Battery: 8% Used Memory: 18% User Name: CShaw											
7/7/2015 11:41 Log Download - Used Battery: 8% Used Memory: 18% User Name: CShaw											
7/9/2015 9:14 Log Download - Used Battery: 8% Used Memory: 18% User Name: BDuarte Interval - Start Time: 6/30/2015 11:00:00 AM											
7/13/2015 12:23 Log Download - Used Battery: 8% Used Memory: 20% User Name: BDuarte Interval - Start Time: 7/9/2015 9:00:00 AM											
7/16/2015 9:03 Log Download - Used Battery: 8% Used Memory: 20% User Name: CShaw Interval - Start Time: 7/7/2015 11:30:00 AM											
7/23/2015 16:42 Log Download - Used Battery: 9% Used Memory: 20% User Name: KMakar											
7/30/2015 10:25 Log Download - Used Battery: 9% Used Memory: 21% User Name: BDuarte Interval - Start Time: 7/13/2015 12:15:00 PM											
8/6/2015 15:00 Log Download - Used Battery: 10% Used Memory: 21% User Name: CShaw Interval - Start Time: 7/14/2015 2:15:00 PM Stop Time: 8/6/2015 1:30:00 PM											
8/13/2015 13:34 Log Download - Used Battery: 10% Used Memory: 23% User Name: KMakar Interval - Start Time: 7/23/2015 4:30:00 PM											
8/20/2015 11:01 Log Download - Used Battery: 10% Used Memory: 23% User Name: BDuarte Interval - Start Time: 7/30/2015 10:15:00 AM											
8/27/2015 10:58 Log Download - Used Battery: 11% Used Memory: 25% User Name: KMakar Interval - Start Time: 8/13/2015 5:15:00 PM Stop Time: 8/27/2015 10:55:00 AM											
9/3/2015 9:39 Log Download - Used Battery: 11% Used Memory: 25% User Name: CShaw Interval - Start Time: 8/1/2015 6:10:00 PM Stop Time: 9/3/2015 9:30:00 AM											
9/10/2015 11:32 Log Download - Used Battery: 11% Used Memory: 26% User Name: KMakar Interval - Start Time: 8/10/2015 8:30:00 AM Stop Time: 9/10/2015 11:30:00 AM											
9/17/2015 10:53 Log Download - Used Battery: 12% Used Memory: 28% User Name: KMakar Interval - Start Time: 9/1/2015 5:30:00 AM Stop Time: 9/17/2015 10:55:00 AM											
9/24/2015 9:32 Log Download - Used Battery: 12% Used Memory: 28% User Name: CShaw Interval - Start Time: 9/1/2015 5:30:00 PM Stop Time: 9/24/2015 9:00:00 AM											
10/1/2015 14:15 Log Download - Used Battery: 12% Used Memory: 29% User Name: KMakar Interval - Start Time: 9/15/2015 7:30:00 AM Stop Time: 10/1/2015 2:15:00 PM											
10/8/2015 10:29 Log Download - Used Battery: 13% Used Memory: 29% User Name: CShaw Interval - Start Time: 9/14/2015 5:30:00 PM Stop Time: 10/8/2015 10:30:00 PM											
10/15/2015 13:16 Log Download - Used Battery: 13% Used Memory: 31% User Name: KMakar Interval - Start Time: 9/30/2015 7:30:00 AM Stop Time: 10/15/2015 1:15:00 PM											
10/22/2015 11:17 Log Download - Used Battery: 13% Used Memory: 31% User Name: CShaw Interval - Start Time: 10/1/2015 3:05:00 AM Stop Time: 10/22/2015 12:15:00 PM											
10/29/2015 15:30 Log Download - Used Battery: 14% Used Memory: 32% User Name: KMakar Interval - Start Time: 10/13/2015 6:15:00 AM Stop Time: 10/29/2015 3:30:00 PM											
11/5/2015 14:29 Log Download - Used Battery: 14% Used Memory: 32% User Name: KMakar Interval - Start Time: 10/20/2015 7:45:00 AM Stop Time: 11/5/2015 2:30:00 PM											
11/12/2015 10:01 Log Download - Used Battery: 15% Used Memory: 34% User Name: CShaw Interval - Start Time: 10/26/2015 1:00:00 PM Stop Time: 11/12/2015 10:00:00 AM											
11/12/2015 10:03 Log Download - Used Battery: 15% Used Memory: 34% User Name: CShaw Interval - Start Time: 10/26/2015 1:00:00 PM Stop Time: 11/12/2015 10:00:00 AM											
11/12/2015 10:11 Log Download - Used Battery: 15% Used Memory: 34% User Name: CShaw Interval - Start Time: 10/26/2015 1:00:00 PM Stop Time: 11/12/2015 10:00:00 AM											
11/19/2015 15:27 Log Download - Used Battery: 15% Used Memory: 34% User Name: KMakar Interval - Start Time: 11/1/2015 7:00:00 AM Stop Time: 11/19/2015 3:30:00 PM											
11/29/2015 9:54 Log Download - Used Battery: 15% Used Memory: 35% User Name: CShaw Interval - Start Time: 11/13/2015 1:00:00 AM Stop Time: 11/29/2015 10:45:00 AM											
12/3/2015 11:09 Log Download - Used Battery: 16% Used Memory: 35% User Name: KMakar Interval - Start Time: 11/18/2015 7:00:00 AM Stop Time: 12/3/2015 11:08:00 AM											
12/10/2015 9:22 Log Download - Used Battery: 16% Used Memory: 37% User Name: CShaw Interval - Start Time: 10/13/2015 1:45:00 AM Stop Time: 12/10/2015 10:15:00 AM											
12/17/2015 10:49 Log Download - Used Battery: 16% Used Memory: 37% User Name: KMakar Interval - Start Time: 12/1/2015 12:00:00 PM Stop Time: 12/17/2015 10:45:00 AM											
1/3/2016 10:43 Log Download - Used Battery: 17% Used Memory: 40% User Name: CShaw Interval - Start Time: 11/30/2015 1:00:00 AM Stop Time: 1/3/2016 11:30:00 AM											
1/7/2016 10:40 Log Download - Used Battery: 17% Used Memory: 40% User Name: KMakar Interval - Start Time: 12/31/2015 10:00:00 AM Stop Time: 1/7/2016 10:45:00 AM											
1/14/2016 8:38 Log Download - Used Battery: 18% Used Memory: 40% User Name: KMakar Interval - Start Time: 1/4/2016 10:00:00 AM Stop Time: 1/14/2016 8:30:00 AM											
1/21/2016 12:00 Log Download - Used Battery: 18% Used Memory: 42% User Name: KMakar Interval - Start Time: 1/12/2016 11:00:00 AM Stop Time: 1/21/2016 12:00:00 PM											
1/28/2016 14:16 Log Download - Used Battery: 19% Used Memory: 42% User Name: KMakar Interval - Start Time: 1/18/2016 11:45:00 AM Stop Time: 1/28/2016 2:15:00 PM											
2/4/2016 9:33 Log Download - Used Battery: 19% Used Memory: 43% User Name: CShaw Interval - Start Time: 12/31/2015 1:00:00 AM Stop Time: 2/4/2016 10:30:00 AM											
2/11/2016 9:16 Log Download - Used Battery: 19% Used Memory: 45% User Name: CShaw Interval - Start Time: 2/2/2016 2:30:00 PM Stop Time: 2/11/2016 9:15:00 AM											
2/18/2016 9:09 Log Download - Used Battery: 20% Used Memory: 45% User Name: CShaw Interval - Start Time: 2/4/2016 5:30:00 PM Stop Time: 2/18/2016 10:00:00 AM											
2/25/2016 12:22 Log Download - Used Battery: 20% Used Memory: 46% User Name: KMakar Interval - Start Time: 2/15/2016 5:30:00 PM Stop Time: 2/25/2016 12:15:00 PM											
3/3/2016 9:37 Log Download - Used Battery: 20% Used Memory: 46% User Name: SKuiper Interval - Start Time: 1/31/2016 12:00:01 AM Stop Time: 3/3/2016 10:30:00 AM											
3/10/2016 10:21 Log Download - Used Battery: 21% Used Memory: 48% User Name: KMakar Interval - Start Time: 3/1/2016 12:00:00 PM Stop Time: 3/10/2016 10:15:00 AM											
3/17/2016 19:50 Log Download - Used Battery: 21% Used Memory: 48% User Name: SKuiper Interval - Start Time: 3/8/2016 9:00:00 AM Stop Time: 3/17/2016 7:45:00 PM											
3/24/2016 13:10 Log Download - Used Battery: 21% Used Memory: 50% User Name: KMakar Interval - Start Time: 3/15/2016 12:00:00 PM Stop Time: 3/24/2016 1:00:00 PM											
3/31/2016 8:26 Log Download - Used Battery: 22% Used Memory: 50% User Name: SKuiper Interval - Start Time: 3/22/2016 12:00:00 PM Stop Time: 3/31/2016 9:00:00 AM											
4/7/2016 13:15 Log Download - Used Battery: 22% Used Memory: 51% User Name: KMakar Interval - Start Time: 2/29/2016 5:00:00 PM Stop Time: 4/7/2016 1:15:00 PM											
Log Data:											
Record Count	3336										
Sensors	1										
Time Zone:	Pacific Daylight Time										
Date and Time	Elapsed Time Seconds	Sensor: PCTD(G) 231ft SN#: 396211 Pressure (PSI)	Sensor: PCTD(G) 231ft SN#: 396211 Temperature (C)	Sensor: PCTD(G) 231ft SN#: 396211 Depth (ft)	Sensor: PCTD(G) 231ft SN#: 396211 Actual Conductivity (µS/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)	
9/28/2017 0:00		2340000	19.186	17.324	43.219	35740.59	41880.48	27.039	28.479	27.979	1.019
9/28/2017 0:15		2340900	19.189	17.324	43.226	35692.027	41823.98	26.998	28.44	28.017	1.019
9/28/2017 0:30		2341800	19.188	17.324	43.223	35719.223	41856.023	27.021	28.462	27.996	1.019
9/28/2017 0:45		2342700	19.185	17.324	43.215	35720.41	41857.172	27.022	28.463	27.995	1.019
9/28/2017 1:00		2343600	19.185	17.324	43.217	35726.07	41864.203	27.027	28.468	27.991	1.019
9/28/2017 1:15		2344500	19.188	17.324	43.223	35685.355	41816.422	26.993	28.435	28.023	1.019
9/28/2017 1:30		2345400	19.187	17.323	43.225	35678.375	41808.406	26.987	28.43	28.028	1.019
9/28/2017 1:45		2346300	19.18	17.323	43.205	35669.859	41798.5	26.98	28.423	28.035	1.019
9/28/2017 2:00		2347200	19.186	17.323	43.218	35644.527	41768.813	26.959	28.403	28.055	1.019
9/28/2017 2:15		2348100	19.181	17.323	43.206	35620.602	41740.777	26.939	28.384	28.074	1.019
9/28/2017 2:30		2349000	19.18	17.323	43.205	35623.5	41744.105	26.941	28.386	28.071	1.019
9/28/2017 2:45		2349900	19.182	17.323	43.21	35618.801	41738.926	26.937	28.382	28.075	1.019
9/28/2017 3:00		2350800	19.175	17.323	43.194	35597.84	41714.191	26.92	28.366	28.092	1.019
9/28/2017 3:15		2351700	19.178	17.323	43.201	35578.012	41690.871	26.903	28.35	28.107	1.019
9/28/2017 3:30		2352600	19.177	17.323	43.197	35611.852	41730.453	26.931	28.377	28.081	1.019
9/28/2017 3:45		2353500	19.175	17.323	43.193	35587.504	41701.922	26.911	28.357	28.1	1.019
9/28/2017 4:00		2354400	19.176	17.323	43.195	35566.625	41678.188	26.894	28.341	28.116	1.019
9/28/2017 4:15		2355300	19.177	17.323	43.198	35542.027	41648.789	26.873	28.321	28.136	1.019
9/28/2017 4:30		2356200	19.175	17.323	43.193	35568.914	41680.211	26.895	28.343	28.114	1.019
9/28/2017 4:45		2357100	19.177	17.324	43.198	35512.184	41613.496	26.848	28.297	28.159	1.019
9/28/2017 5:00		2358000	19.173	17.323	43.19	35534.473	41640.016	26.867	28.315	28.142	1.019
9/28/2017 5:15		2358900	19.17	17.324	43.182	35499.668	41598.504	26.837	28.287	28.169	1.019
9/28/2017 5:30		2359800	19.168	17.323	43.177	35526.285	41630.422	26.86	28.309	28.148	1.019
9/28/2017 5:45		2360700	19.17	17.323	43.182	35489.57	41587.234	26.829	28.279	28.177	1.019
9/28/2017 6:00		2361600	19.173	17.323	43.189	35525.621	41629.645	26.859	28.308	28.149	1.019
9/28/2017 6:15		2362500	19.168	17.323	43.178	35509.5	41610.672	26.846	28.295	28.161	1.019
9/28/2017 6:30		2363400	19.171	17.323	43.184	35453.258	41544.848	26.798	28.25	28.206	1.019
9/28/2017 6:45		2364300	19.17	17.323	43.182	35490.555	41588.316	26.83	28.28	28.177	1.019
9/28/2017 7:00		2365200	19.168	17.323	43.179	35475.648	41571.176	26.817	28.268	28.188	1.019
9/28/2017 7:15		2366100	19.168	17.323	43.178	35451.551	41542.766	26.797	28.249	28.208	1.019
9/28/2017 7:30		2367000	19.162	17.323	43.165	35459.539	41552.125	26.804	28.255	28.201	1.019
9/28/2017 7:45		2367900	19.165	17.323	43.172	35472.406	41567.375	26.815	28.266	28.191	1.019
9/28/2017 8:00		2368800	19.167	17.323	43.176	35462.637	41555.926	26.806	28.258	28.199	1.019
9/28/2017 8:15		2369700	19.164	17.323	43.17	35460.527	41553.129	26.804	28.256	28.2	1.019
9/28/2017 8:30		2370600	19.167	17.323	43.175	35424.367	41511.316	26.774	28.228	28.229	1.019
9/28/2017 8:45		2371500	19.163	17.323	43.166	35458.621	41551.387	26.803	28.255	28.202	1.019
9/28/2017 9:00		2372400	19.159	17.323	43.157	35431.23	41519.289	26.78	28.233	28.224	1.019
9/28/2017 9:15		2373300	19.159	17.323	43.157	35461.07	41554.328	26.805	28.257	28.2	1.019
9/28/2017 9:30		2374200	19.157	17.323	43.153	35451.844	41543.445	26.797			

9/28/2017 10:00	2376000	19.157	17.323	43.153	35459.434	41552.176	26.804	28.255	28.201	1.019
9/28/2017 10:15	2376900	19.154	17.323	43.147	35439.367	41529.063	26.787	28.24	28.217	1.019
9/28/2017 10:30	2377800	19.152	17.323	43.141	35437.441	41526.313	26.785	28.238	28.219	1.019
9/28/2017 10:45	2378700	19.152	17.323	43.142	35431.641	41519.934	26.781	28.234	28.223	1.019
9/28/2017 11:00	2379600	19.155	17.323	43.149	35418.664	41504.398	26.77	28.223	28.234	1.019
9/28/2017 11:15	2380500	19.154	17.323	43.146	35445.637	41536.496	26.792	28.245	28.212	1.019
9/28/2017 11:30	2381400	19.152	17.323	43.142	35438.109	41527.352	26.786	28.239	28.218	1.019
9/28/2017 11:45	2382300	19.152	17.323	43.141	35443.07	41533.164	26.79	28.243	28.214	1.019
9/28/2017 12:00	2383200	19.149	17.323	43.135	35437.586	41526.809	26.786	28.238	28.219	1.019
9/28/2017 12:15	2384100	19.147	17.323	43.131	35446.273	41536.754	26.793	28.245	28.212	1.019
9/28/2017 12:30	2385000	19.148	17.323	43.132	35436.785	41525.707	26.785	28.237	28.219	1.019
9/28/2017 12:45	2385900	19.145	17.323	43.126	35418.688	41504.5	26.77	28.223	28.234	1.019
9/28/2017 13:00	2386800	19.144	17.324	43.123	35416.813	41501.738	26.768	28.221	28.235	1.019
9/28/2017 13:15	2387700	19.139	17.323	43.114	35425.68	41512.785	26.776	28.229	28.228	1.019
9/28/2017 13:30	2388600	19.147	17.323	43.129	35443.176	41533.527	26.79	28.243	28.214	1.019
9/28/2017 13:45	2389500	19.14	17.323	43.115	35444.602	41534.469	26.791	28.243	28.213	1.019
9/28/2017 14:00	2390400	19.144	17.323	43.123	35448.207	41539.02	26.794	28.247	28.21	1.019
9/28/2017 14:15	2391300	19.141	17.324	43.116	35456.91	41548.563	26.801	28.253	28.203	1.019
9/28/2017 14:30	2392200	19.139	17.323	43.112	35333.172	41404.707	26.698	28.155	28.302	1.019
9/28/2017 14:45	2393100	19.132	17.324	43.097	35448.707	41539.188	26.794	28.247	28.21	1.019
9/28/2017 15:00	2394000	19.135	17.323	43.105	35429.105	41517.039	26.779	28.232	28.225	1.019
9/28/2017 15:15	2394900	19.135	17.323	43.104	35420.875	41507.316	26.772	28.225	28.232	1.019
9/28/2017 15:30	2395800	19.134	17.323	43.101	35434.105	41522.73	26.783	28.235	28.221	1.019
9/28/2017 15:45	2396700	19.134	17.323	43.101	35430.82	41518.473	26.78	28.233	28.224	1.019
9/28/2017 16:00	2397600	19.132	17.323	43.097	35434.531	41522.82	26.783	28.236	28.221	1.019
9/28/2017 16:15	2398500	19.129	17.323	43.091	35406.988	41491.207	26.76	28.214	28.243	1.019
9/28/2017 16:30	2399400	19.133	17.323	43.099	35425.426	41512.152	26.775	28.228	28.228	1.019
9/28/2017 16:45	2400300	19.126	17.323	43.083	35420.395	41506.426	26.771	28.224	28.232	1.019
9/28/2017 17:00	2401200	19.125	17.324	43.082	35445.078	41534.863	26.791	28.244	28.213	1.019
9/28/2017 17:15	2402100	19.122	17.323	43.075	35439.512	41529.391	26.787	28.24	28.217	1.019
9/28/2017 17:30	2403000	19.129	17.323	43.089	35461.051	41554.141	26.805	28.257	28.2	1.019
9/28/2017 17:45	2403900	19.129	17.323	43.091	35439.223	41528.563	26.787	28.239	28.217	1.019
9/28/2017 18:00	2404800	19.126	17.323	43.083	35446.23	41536.613	26.793	28.245	28.212	1.019
9/28/2017 18:15	2405700	19.123	17.323	43.077	35427.633	41515.398	26.777	28.23	28.227	1.019
9/28/2017 18:30	2406600	19.129	17.323	43.09	35466.219	41559.871	26.809	28.261	28.196	1.019
9/28/2017 18:45	2407500	19.122	17.323	43.074	35483.352	41580.203	26.824	28.275	28.182	1.019
9/28/2017 19:00	2408400	19.12	17.323	43.069	35446.867	41537.277	26.793	28.245	28.211	1.019
9/28/2017 19:15	2409300	19.119	17.323	43.068	35451.914	41543.039	26.797	28.249	28.207	1.019
9/28/2017 19:30	2410200	19.117	17.323	43.064	35466.938	41561.203	26.81	28.262	28.195	1.019
9/28/2017 19:45	2411100	19.114	17.323	43.056	35472.469	41567.852	26.815	28.266	28.191	1.019
9/28/2017 20:00	2412000	19.121	17.322	43.071	35446.441	41537.68	26.793	28.246	28.212	1.019
9/28/2017 20:15	2412900	19.117	17.323	43.064	35478.559	41574.328	26.82	28.271	28.186	1.019
9/28/2017 20:30	2413800	19.121	17.323	43.071	35478.832	41574.816	26.82	28.271	28.186	1.019
9/28/2017 20:45	2414700	19.113	17.323	43.054	35441.555	41531.133	26.789	28.241	28.215	1.019
9/28/2017 21:00	2415600	19.112	17.323	43.052	35461.02	41554.438	26.805	28.257	28.2	1.019
9/28/2017 21:15	2416500	19.107	17.323	43.041	35467.73	41562.223	26.811	28.262	28.195	1.019
9/28/2017 21:30	2417400	19.113	17.323	43.055	35449.59	41540.805	26.796	28.248	28.209	1.019
9/28/2017 21:45	2418300	19.107	17.322	43.04	35459.371	41552.832	26.804	28.256	28.201	1.019
9/28/2017 22:00	2419200	19.107	17.323	43.04	35473.926	41569.066	26.816	28.267	28.19	1.019
9/28/2017 22:15	2420100	19.108	17.323	43.043	35455.781	41548.383	26.801	28.253	28.204	1.019
9/28/2017 22:30	2421000	19.107	17.323	43.04	35445.887	41536.789	26.793	28.245	28.212	1.019
9/28/2017 22:45	2421900	19.106	17.323	43.037	35445.535	41536.379	26.792	28.245	28.212	1.019
9/28/2017 23:00	2422800	19.104	17.323	43.034	35443.637	41533.664	26.79	28.243	28.214	1.019
9/28/2017 23:15	2423700	19.105	17.323	43.036	35431.184	41519.305	26.78	28.233	28.224	1.019
9/28/2017 23:30	2424600	19.097	17.323	43.019	35470.051	41564.781	26.813	28.264	28.193	1.019
9/28/2017 23:45	2425500	19.099	17.323	43.022	35468.238	41562.98	26.811	28.263	28.194	1.019
9/29/2017 0:00	2426400	19.102	17.323	43.029	35456.254	41548.684	26.801	28.253	28.204	1.019
9/29/2017 0:15	2427300	19.098	17.323	43.021	35435.563	41524.605	26.784	28.237	28.22	1.019
9/29/2017 0:30	2428200	19.103	17.323	43.032	35455.496	41548.121	26.801	28.253	28.204	1.019
9/29/2017 0:45	2429100	19.094	17.323	43.012	35499.789	41599.535	26.838	28.288	28.169	1.019
9/29/2017 1:00	2430000	19.092	17.323	43.008	35438.855	41528.297	26.787	28.239	28.218	1.019
9/29/2017 1:15	2430900	19.094	17.323	43.012	35452.289	41543.875	26.798	28.25	28.207	1.019
9/29/2017 1:30	2431800	19.092	17.322	43.008	35466.383	41561.129	26.81	28.262	28.196	1.019
9/29/2017 1:45	2432700	19.097	17.323	43.018	35450.613	41542.242	26.797	28.249	28.208	1.019
9/29/2017 2:00	2433600	19.088	17.323	42.996	35429.84	41517.824	26.779	28.232	28.225	1.019
9/29/2017 2:15	2434500	19.096	17.323	43.015	35461.117	41554.637	26.805	28.257	28.2	1.019
9/29/2017 2:30	2435400	19.089	17.323	43	35456.891	41549.754	26.802	28.254	28.203	1.019
9/29/2017 2:45	2436300	19.091	17.322	43.004	35435.133	41524.586	26.784	28.237	28.221	1.019
9/29/2017 3:00	2437200	19.086	17.322	42.994	35428.617	41516.871	26.778	28.231	28.226	1.019
9/29/2017 3:15	2438100	19.088	17.322	42.998	35433.066	41522.164	26.782	28.235	28.222	1.019
9/29/2017 3:30	2439000	19.084	17.322	42.987	35465.738	41560.371	26.81	28.261	28.196	1.019
9/29/2017 3:45	2439900	19.083	17.322	42.987	35441.516	41531.988	26.789	28.242	28.215	1.019
9/29/2017 4:00	2440800	19.083	17.322	42.987	35405.91	41490.586	26.76	28.214	28.244	1.019
9/29/2017 4:15	2441700	19.082	17.323	42.985	35424.973	41512.281	26.775	28.228	28.229	1.019
9/29/2017 4:30	2442600	19.082	17.322	42.985	35403.152	41487.441	26.757	28.211	28.246	1.019
9/29/2017 4:45	2443500	19.084	17.322	42.987	35425.855	41513.715	26.776	28.229	28.228	1.019
9/29/2017 5:00	2444400	19.083	17.322	42.987	35401.375	41485.188	26.756	28.21	28.247	1.019
9/29/2017 5:15	2445300	19.082	17.322	42.983	35403.254	41487.473	26.757	28.211	28.246	1.019
9/29/2017 5:30	2446200	19.082	17.322	42.985	35420.695	41507.59	26.772	28.225	28.232	1.019
9/29/2017 5:45	2447100	19.079	17.322	42.977	35449.625	41541.41	26.796	28.248	28.209	1.019
9/29/2017 6:00	2448000	19.079	17.322	42.977	35435.363	41524.855	26.784	28.237	28.22	1.019
9/29/2017 6:15	2448900	19.075	17.322	42.968	35465.348	41559.836	26.809	28.261	28.197	1.019
9/29/2017 6:30	2449800	19.082	17.322	42.985	35449.297	41541.348	26.796	28.248	28.209	1.019
9/29/2017 6:45	2450700	19.077	17.321	42.973	35469.516	41565.691	26.813	28.265	28.193	1.019
9/29/2017 7:00	2451600	19.077	17.321	42.974	35467.504	41563.172	26.811	28.263	28.195	1.019
9/29/2017 7:15	2452500	19.074	17.321	42.966	35463.875	41559.656	26.809	28.261	28.198	1.019
9/29/2017 7:30	2453400	19.076	17.32	42.969	35462.266	41558.02	26.808	28.259	28.199	1.019
9/29/2017 7:45	2454300	19.079	17.32	42.977	35494.219	41595.777	26.835	28.285	28.174	1.019
9/29/2017 8:00	2455200	19.081	17.32	42.982	35504.578	41608.172	26.844	28.294	28.165	1.01

9/30/2017 6:30	2536200	19.048	17.322	42.908	35487.398	41586.242	26.828	28.279	28.179	1.019
9/30/2017 6:45	2537100	19.053	17.322	42.918	35488.707	41587.211	26.829	28.279	28.178	1.019
9/30/2017 7:00	2538000	19.051	17.322	42.915	35484.273	41582.094	26.825	28.276	28.181	1.019
9/30/2017 7:15	2538900	19.051	17.323	42.913	35484.781	41582.113	26.825	28.276	28.181	1.019
9/30/2017 7:30	2539800	19.051	17.322	42.914	35465.246	41560.035	26.809	28.261	28.197	1.019
9/30/2017 7:45	2540700	19.049	17.322	42.909	35457.133	41550.613	26.803	28.254	28.203	1.019
9/30/2017 8:00	2541600	19.046	17.322	42.903	35490.645	41589.801	26.831	28.281	28.176	1.019
9/30/2017 8:15	2542500	19.05	17.322	42.911	35453.461	41546.309	26.799	28.251	28.206	1.019
9/30/2017 8:30	2543400	19.045	17.322	42.901	35461.832	41555.637	26.806	28.258	28.199	1.019
9/30/2017 8:45	2544300	19.048	17.322	42.908	35448.281	41539.992	26.795	28.247	28.21	1.019
9/30/2017 9:00	2545200	19.046	17.322	42.903	35435.668	41525.457	26.785	28.237	28.22	1.019
9/30/2017 9:15	2546100	19.043	17.322	42.896	35435.195	41524.582	26.784	28.237	28.221	1.019
9/30/2017 9:30	2547000	19.044	17.322	42.898	35426.793	41515.309	26.777	28.23	28.227	1.019
9/30/2017 9:45	2547900	19.045	17.322	42.901	35415.996	41502.492	26.768	28.222	28.236	1.019
9/30/2017 10:00	2548800	19.047	17.322	42.904	35393.172	41475.82	26.749	28.204	28.254	1.019
9/30/2017 10:15	2549700	19.044	17.322	42.899	35441.887	41532.832	26.79	28.242	28.215	1.019
9/30/2017 10:30	2550600	19.048	17.322	42.906	35444.141	41535.715	26.792	28.244	28.213	1.019
9/30/2017 10:45	2551500	19.042	17.321	42.894	35432.496	41522.23	26.784	28.235	28.223	1.019
9/30/2017 11:00	2552400	19.044	17.322	42.898	35426.855	41515.133	26.777	28.23	28.227	1.019
9/30/2017 11:15	2553300	19.042	17.322	42.894	35395.371	41478.238	26.751	28.205	28.252	1.019
9/30/2017 11:30	2554200	19.041	17.321	42.893	35439.605	41530.727	26.788	28.241	28.217	1.019
9/30/2017 11:45	2555100	19.042	17.322	42.893	35425.969	41514.344	26.777	28.23	28.228	1.019
9/30/2017 12:00	2556000	19.033	17.322	42.874	35424.73	41512.891	26.776	28.229	28.229	1.019
9/30/2017 12:15	2556900	19.041	17.321	42.891	35414.242	41501.004	26.767	28.221	28.237	1.019
9/30/2017 12:30	2557800	19.04	17.321	42.889	35425.867	41514.379	26.777	28.23	28.228	1.019
9/30/2017 12:45	2558700	19.042	17.321	42.893	35425.738	41514.391	26.777	28.23	28.228	1.019
9/30/2017 13:00	2559600	19.041	17.321	42.891	35443.84	41535.688	26.792	28.244	28.214	1.019
9/30/2017 13:15	2560500	19.04	17.321	42.89	35406.313	41491.625	26.76	28.214	28.244	1.019
9/30/2017 13:30	2561400	19.039	17.321	42.888	35437.637	41528.418	26.787	28.239	28.219	1.019
9/30/2017 13:45	2562300	19.04	17.321	42.89	35428.348	41517.285	26.779	28.232	28.226	1.019
9/30/2017 14:00	2563200	19.038	17.322	42.884	35431.754	41520.871	26.781	28.234	28.223	1.019
9/30/2017 14:15	2564100	19.034	17.321	42.875	35444.496	41536.371	26.792	28.245	28.213	1.019
9/30/2017 14:30	2565000	19.038	17.321	42.884	35462.551	41557.941	26.808	28.259	28.199	1.019
9/30/2017 14:45	2565900	19.037	17.321	42.882	35460.07	41554.547	26.805	28.257	28.201	1.019
9/30/2017 15:00	2566800	19.031	17.321	42.87	35428.258	41517.266	26.779	28.232	28.226	1.019
9/30/2017 15:15	2567700	19.033	17.321	42.874	35424.121	41512.66	26.775	28.229	28.229	1.019
9/30/2017 15:30	2568600	19.032	17.321	42.873	35444.586	41536.477	26.792	28.245	28.213	1.019
9/30/2017 15:45	2569500	19.032	17.321	42.871	35450.688	41543.961	26.798	28.25	28.208	1.019
9/30/2017 16:00	2570400	19.032	17.322	42.871	35437.184	41527.32	26.786	28.239	28.219	1.019
9/30/2017 16:15	2571300	19.03	17.322	42.867	35432.602	41522.027	26.782	28.235	28.223	1.019
9/30/2017 16:30	2572200	19.029	17.321	42.864	35463.703	41558.883	26.808	28.26	28.198	1.019
9/30/2017 16:45	2573100	19.034	17.322	42.876	35478.367	41575.582	26.82	28.271	28.186	1.019
9/30/2017 17:00	2574000	19.03	17.322	42.867	35466.148	41561.34	26.81	28.262	28.196	1.019
9/30/2017 17:15	2574900	19.029	17.321	42.865	35445.184	41537.18	26.793	28.245	28.213	1.019
9/30/2017 17:30	2575800	19.031	17.322	42.869	35475.488	41572.371	26.818	28.269	28.188	1.019
9/30/2017 17:45	2576700	19.028	17.322	42.863	35486.484	41585.008	26.827	28.278	28.18	1.019
9/30/2017 18:00	2577600	19.028	17.322	42.862	35478.43	41575.57	26.82	28.271	28.186	1.019
9/30/2017 18:15	2578500	19.027	17.321	42.859	35442.113	41533.664	26.79	28.243	28.215	1.019
9/30/2017 18:30	2579400	19.029	17.321	42.864	35493.785	41594.297	26.834	28.284	28.174	1.019
9/30/2017 18:45	2580300	19.025	17.321	42.857	35486.629	41586.082	26.828	28.279	28.18	1.019
9/30/2017 19:00	2581200	19.025	17.321	42.856	35471.066	41567.672	26.815	28.266	28.192	1.019
9/30/2017 19:15	2582100	19.025	17.32	42.855	35488.375	41588.859	26.83	28.28	28.178	1.019
9/30/2017 19:30	2583000	19.029	17.321	42.864	35508.023	41611.07	26.846	28.296	28.163	1.019
9/30/2017 19:45	2583900	19.024	17.32	42.853	35511.656	41615.813	26.849	28.299	28.16	1.019
9/30/2017 20:00	2584800	19.021	17.32	42.847	35458.32	41553.879	26.805	28.257	28.202	1.019
9/30/2017 20:15	2585700	19.023	17.32	42.85	35481.035	41580.582	26.824	28.275	28.184	1.019
9/30/2017 20:30	2586600	19.024	17.32	42.853	35506.973	41610.895	26.846	28.295	28.163	1.019
9/30/2017 20:45	2587500	19.018	17.32	42.84	35488.453	41588.859	26.83	28.28	28.178	1.019
9/30/2017 21:00	2588400	19.022	17.32	42.849	35513.035	41618.164	26.851	28.3	28.159	1.019
9/30/2017 21:15	2589300	19.021	17.32	42.847	35503.926	41607.664	26.843	28.293	28.166	1.019
9/30/2017 21:30	2590200	19.017	17.32	42.838	35513.145	41617.957	26.851	28.3	28.159	1.019
9/30/2017 21:45	2591100	19.018	17.32	42.841	35497.281	41599.367	26.837	28.288	28.171	1.019
9/30/2017 22:00	2592000	19.021	17.319	42.846	35499.754	41603.082	26.84	28.29	28.169	1.019
9/30/2017 22:15	2592900	19.018	17.319	42.841	35511.313	41617.047	26.85	28.3	28.16	1.019
9/30/2017 22:30	2593800	19.019	17.32	42.842	35510.82	41615.652	26.849	28.299	28.16	1.019
9/30/2017 22:45	2594700	19.02	17.319	42.844	35497.895	41600.832	26.838	28.289	28.171	1.019
9/30/2017 23:00	2595600	19.018	17.32	42.839	35520.609	41626.703	26.857	28.306	28.153	1.019
9/30/2017 23:15	2596500	19.016	17.32	42.836	35513.449	41618.078	26.851	28.3	28.158	1.019
9/30/2017 23:30	2597400	19.018	17.32	42.839	35522.277	41628.496	26.858	28.307	28.151	1.019
9/30/2017 23:45	2598300	19.011	17.321	42.834	35530.445	41637.43	26.865	28.313	28.145	1.019
10/1/2017 0:00	2599200	19.012	17.321	42.826	35502.387	41604.789	26.841	28.291	28.167	1.019
10/1/2017 0:15	2600100	19.014	17.322	42.832	35519.387	41623.402	26.855	28.304	28.154	1.019
10/1/2017 0:30	2601000	19.015	17.321	42.832	35521.965	41627.492	26.857	28.307	28.152	1.019
10/1/2017 0:45	2601900	19.011	17.321	42.825	35532.07	41639.25	26.866	28.315	28.144	1.019
10/1/2017 1:00	2602800	19.016	17.321	42.835	35514.438	41618.336	26.851	28.3	28.158	1.019
10/1/2017 1:15	2603700	19.01	17.321	42.822	35507.52	41610.227	26.845	28.295	28.163	1.019
10/1/2017 1:30	2604600	19.014	17.322	42.832	35535.074	41642.113	26.868	28.317	28.141	1.019
10/1/2017 1:45	2605500	19.011	17.321	42.824	35489.309	41588.973	26.83	28.281	28.177	1.019
10/1/2017 2:00	2606400	19.011	17.322	42.824	35523.219	41628.305	26.858	28.307	28.151	1.019
10/1/2017 2:15	2607300	19.007	17.321	42.815	35497.773	41598.809	26.837	28.287	28.171	1.019
10/1/2017 2:30	2608200	19.007	17.321	42.815	35535.863	41643.605	26.869	28.318	28.141	1.019
10/1/2017 2:45	2609100	19.009	17.32	42.821	35508.527	41612.148	26.846	28.296	28.162	1.019
10/1/2017 3:00	2610000	19.005	17.321	42.812	35507.75	41610.582	26.845	28.295	28.163	1.019
10/1/2017 3:15	2610900	19.006	17.321	42.813	35522.754	41627.918	26.858	28.307	28.151	1.019
10/1/2017 3:30	2611800	19.007	17.321	42.815	35531.266	41637.895	26.865	28.314	28.144	1.019
10/1/2017 3:45	2612700	19.005	17.323	42.811	35546.898	41655.16	26.877	28.326	28.132	1.019
10/1/2017 4:00	2613600	19.005	17.322	42.812	35507.41	41609.691	26.845	28.295	28.163	1.019
10/1/2017 4:15	2614500	19.005	17.321	42.808	35500.887	41602.375	26.84	28.29	28.168	1.019
10/1/2017 4:30	2615400	19.005	17.321	42.811	35505.535	41607.902	26.843	28.293	28.165	1.019
10/1/2017 4:45										

10/2/2017 3:00	2696400	18.965	17.32	42.72	35590.664	41708.402	26.915	28.362	28.097	1.019
10/2/2017 3:15	2697300	18.963	17.321	42.716	35582.48	41698.734	26.908	28.355	28.104	1.019
10/2/2017 3:30	2698200	18.962	17.321	42.715	35571.332	41685.668	26.899	28.346	28.113	1.019
10/2/2017 3:45	2699100	18.965	17.32	42.722	35590.059	41708.094	26.915	28.362	28.098	1.019
10/2/2017 4:00	2700000	18.964	17.321	42.719	35588.695	41706.016	26.914	28.36	28.099	1.019
10/2/2017 4:15	2700900	18.958	17.32	42.705	35612.867	41734.75	26.934	28.38	28.08	1.019
10/2/2017 4:30	2701800	18.96	17.32	42.71	35577.168	41692.824	26.904	28.351	28.108	1.019
10/2/2017 4:45	2702700	18.959	17.32	42.706	35574.809	41690.223	26.902	28.349	28.11	1.019
10/2/2017 5:00	2703600	18.956	17.32	42.699	35571.422	41685.852	26.899	28.346	28.112	1.019
10/2/2017 5:15	2704500	18.958	17.321	42.704	35578.41	41693.715	26.905	28.352	28.107	1.019
10/2/2017 5:30	2705400	18.963	17.321	42.716	35573.711	41688.211	26.901	28.348	28.111	1.019
10/2/2017 5:45	2706300	18.959	17.321	42.706	35580.508	41696.422	26.907	28.354	28.105	1.019
10/2/2017 6:00	2707200	18.964	17.32	42.718	35605.77	41726.105	26.928	28.374	28.085	1.019
10/2/2017 6:15	2708100	18.961	17.321	42.711	35614.289	41735.434	26.935	28.38	28.079	1.019
10/2/2017 6:30	2709000	18.96	17.321	42.708	35617.285	41739.438	26.938	28.383	28.076	1.019
10/2/2017 6:45	2709900	18.958	17.32	42.705	35599.23	41718.605	26.923	28.369	28.09	1.019
10/2/2017 7:00	2710800	18.957	17.321	42.702	35579.727	41695.008	26.906	28.353	28.106	1.019
10/2/2017 7:15	2711700	18.956	17.32	42.701	35549.805	41660.684	26.881	28.329	28.13	1.019
10/2/2017 7:30	2712600	18.954	17.321	42.697	35577.516	41692.832	26.904	28.351	28.108	1.019
10/2/2017 7:45	2713500	18.957	17.321	42.703	35586.484	41703.102	26.912	28.358	28.101	1.019
10/2/2017 8:00	2714400	18.956	17.321	42.699	35613.086	41734.273	26.934	28.379	28.08	1.019
10/2/2017 8:15	2715300	18.957	17.321	42.703	35606.148	41726.387	26.928	28.374	28.085	1.019
10/2/2017 8:30	2716200	18.96	17.321	42.708	35617.684	41739.488	26.938	28.383	28.076	1.019
10/2/2017 8:45	2717100	18.953	17.321	42.693	35601.469	41720.574	26.924	28.37	28.089	1.019
10/2/2017 9:00	2718000	18.954	17.321	42.696	35584.57	41700.684	26.91	28.356	28.102	1.019
10/2/2017 9:15	2718900	18.958	17.321	42.705	35600.367	41718.871	26.923	28.369	28.09	1.019
10/2/2017 9:30	2719800	18.954	17.321	42.696	35582.977	41698.738	26.908	28.355	28.103	1.019
10/2/2017 9:45	2720700	18.95	17.321	42.686	35583.148	41699.191	26.909	28.355	28.103	1.019
10/2/2017 10:00	2721600	18.95	17.321	42.687	35598.566	41716.922	26.921	28.368	28.091	1.019
10/2/2017 10:15	2722500	18.951	17.321	42.688	35591.336	41708.863	26.916	28.362	28.097	1.019
10/2/2017 10:30	2723400	18.949	17.321	42.684	35577.773	41692.809	26.904	28.351	28.107	1.019
10/2/2017 10:45	2724300	18.949	17.321	42.684	35601.004	41719.781	26.923	28.369	28.089	1.019
10/2/2017 11:00	2725200	18.951	17.321	42.69	35601.117	41720.328	26.924	28.37	28.089	1.019
10/2/2017 11:15	2726100	18.952	17.32	42.691	35595.922	41714.652	26.92	28.366	28.093	1.019
10/2/2017 11:30	2727000	18.954	17.321	42.697	35594.531	41712.531	26.918	28.365	28.094	1.019
10/2/2017 11:45	2727900	18.946	17.322	42.677	35638.188	41763.113	26.954	28.399	28.06	1.019
10/2/2017 12:00	2728800	18.949	17.321	42.684	35613.148	41734.262	26.934	28.379	28.08	1.019
10/2/2017 12:15	2729700	18.949	17.321	42.685	35563.762	41676.059	26.892	28.34	28.119	1.019
10/2/2017 12:30	2730600	18.948	17.321	42.682	35595.027	41713.027	26.919	28.365	28.094	1.019
10/2/2017 12:45	2731500	18.946	17.321	42.678	35592.293	41709.82	26.916	28.363	28.096	1.019
10/2/2017 13:00	2732400	18.945	17.321	42.675	35611	41732.156	26.932	28.378	28.081	1.019
10/2/2017 13:15	2733300	18.947	17.321	42.681	35583.379	41699.125	26.909	28.355	28.103	1.019
10/2/2017 13:30	2734200	18.945	17.321	42.675	35579.141	41694.41	26.905	28.352	28.106	1.019
10/2/2017 13:45	2735100	18.949	17.321	42.685	35579.402	41694.551	26.905	28.352	28.106	1.019
10/2/2017 14:00	2736000	18.948	17.32	42.682	35591.742	41709.668	26.916	28.363	28.096	1.019
10/2/2017 14:15	2736900	18.952	17.32	42.69	35580.441	41696.754	26.907	28.354	28.105	1.019
10/2/2017 14:30	2737800	18.945	17.32	42.675	35568.801	41682.781	26.897	28.344	28.115	1.019
10/2/2017 14:45	2738700	18.942	17.32	42.668	35560.414	41673.117	26.89	28.338	28.121	1.019
10/2/2017 15:00	2739600	18.947	17.32	42.681	35521.453	41627.383	26.857	28.307	28.152	1.019
10/2/2017 15:15	2740500	18.945	17.32	42.675	35567.492	41681.578	26.896	28.343	28.116	1.019
10/2/2017 15:30	2741400	18.944	17.32	42.674	35531.953	41639.93	26.866	28.315	28.144	1.019
10/2/2017 15:45	2742300	18.944	17.32	42.673	35562.434	41675.813	26.892	28.34	28.12	1.019
10/2/2017 16:00	2743200	18.945	17.32	42.676	35555.875	41668.203	26.887	28.334	28.125	1.019
10/2/2017 16:15	2744100	18.941	17.32	42.665	35554.359	41666.77	26.885	28.333	28.126	1.019
10/2/2017 16:30	2745000	18.941	17.32	42.668	35553.352	41665.586	26.885	28.333	28.127	1.019
10/2/2017 16:45	2745900	18.942	17.32	42.668	35540.707	41649.945	26.873	28.322	28.137	1.019
10/2/2017 17:00	2746800	18.94	17.32	42.664	35555.293	41667.113	26.886	28.334	28.125	1.019
10/2/2017 17:15	2747700	18.941	17.32	42.665	35524.363	41631.273	26.86	28.309	28.15	1.019
10/2/2017 17:30	2748600	18.944	17.32	42.673	35535.293	41644.246	26.869	28.318	28.141	1.019
10/2/2017 17:45	2749500	18.936	17.32	42.655	35565.246	41679.438	26.895	28.342	28.117	1.019
10/2/2017 18:00	2750400	18.941	17.32	42.665	35552.555	41664.398	26.884	28.332	28.127	1.019
10/2/2017 18:15	2751300	18.937	17.32	42.659	35551.488	41663.063	26.883	28.331	28.128	1.019
10/2/2017 18:30	2752200	18.938	17.32	42.659	35579.258	41695.199	26.906	28.353	28.106	1.019
10/2/2017 18:45	2753100	18.942	17.32	42.668	35561.191	41674.102	26.891	28.338	28.121	1.019
10/2/2017 19:00	2754000	18.939	17.321	42.663	35525.82	41632.336	26.861	28.31	28.149	1.019
10/2/2017 19:15	2754900	18.939	17.32	42.662	35567.934	41681.93	26.896	28.344	28.115	1.019
10/2/2017 19:30	2755800	18.938	17.32	42.66	35569.965	41684.543	26.898	28.345	28.114	1.019
10/2/2017 19:45	2756700	18.933	17.321	42.647	35565.492	41678.824	26.894	28.342	28.117	1.019
10/2/2017 20:00	2757600	18.939	17.321	42.663	35557.145	41668.879	26.887	28.335	28.124	1.019
10/2/2017 20:15	2758500	18.938	17.321	42.659	35544.527	41654.172	26.877	28.325	28.134	1.019
10/2/2017 20:30	2759400	18.937	17.32	42.659	35606.359	41726.961	26.929	28.374	28.085	1.019
10/2/2017 20:45	2760300	18.933	17.321	42.647	35565.988	41679.16	26.894	28.342	28.117	1.019
10/2/2017 21:00	2761200	18.933	17.32	42.649	35581.781	41698.156	26.908	28.355	28.104	1.019
10/2/2017 21:15	2762100	18.934	17.321	42.651	35563.695	41676.719	26.893	28.34	28.119	1.019
10/2/2017 21:30	2763000	18.934	17.321	42.65	35576.965	41692.188	26.904	28.351	28.108	1.019
10/2/2017 21:45	2763900	18.937	17.32	42.658	35574.637	41689.949	26.902	28.349	28.11	1.019
10/2/2017 22:00	2764800	18.937	17.32	42.657	35575.367	41690.805	26.903	28.35	28.109	1.019
10/2/2017 22:15	2765700	18.933	17.32	42.648	35578.852	41695.293	26.906	28.353	28.107	1.019
10/2/2017 22:30	2766600	18.933	17.32	42.649	35622.555	41746.512	26.943	28.388	28.072	1.019
10/2/2017 22:45	2767500	18.931	17.319	42.645	35601.848	41723.063	26.926	28.372	28.088	1.019
10/2/2017 23:00	2768400	18.932	17.318	42.646	35629.145	41755.383	26.949	28.394	28.067	1.019
10/2/2017 23:15	2769300	18.931	17.32	42.645	35609.484	41730.695	26.931	28.377	28.082	1.019
10/2/2017 23:30	2770200	18.932	17.319	42.647	35591.219	41710.605	26.917	28.363	28.097	1.019
10/2/2017 23:45	2771100	18.934	17.319	42.65	35609.734	41731.898	26.932	28.378	28.082	1.019
10/3/2017 0:00	2772000	18.93	17.319	42.642	35630.496	41756.723	26.95	28.395	28.066	1.019
10/3/2017 0:15	2772900	18.932	17.319	42.646	35628.16	41753.328	26.947	28.392	28.068	1.019
10/3/2017 0:30	2773800	18.93	17.32	42.642	35599.613	41719.219	26.923	28.369	28.09	1.019
10/3/2017 0:45	2774700	18.93	17.32	42.641	35616.113	41738.883	26.937	28.382	28.077	1.019
10/3/2017 1:00	2775600	18.927	17.321	42.635	35604.977	41724.77	26.927	28.373	28.086	1.019
10/3/2017 1:15	2776500									

10/3/2017 23:30	2856600	18.893	17.319	42.559	35638.211	41765.344	26.956	28.4	28.06	1.019
10/3/2017 23:45	2857500	18.889	17.318	42.549	35624.691	41750.328	26.945	28.39	28.07	1.019
10/4/2017 0:00	2858400	18.891	17.318	42.555	35622.168	41747.453	26.943	28.388	28.072	1.019
10/4/2017 0:15	2859300	18.891	17.318	42.554	35645.082	41774.223	26.962	28.406	28.054	1.019
10/4/2017 0:30	2860200	18.889	17.318	42.55	35651.574	41782.246	26.968	28.412	28.049	1.019
10/4/2017 0:45	2861100	18.89	17.318	42.551	35633.898	41761.199	26.953	28.398	28.063	1.019
10/4/2017 1:00	2862000	18.892	17.318	42.556	35656.738	41788.297	26.972	28.416	28.045	1.019
10/4/2017 1:15	2862900	18.893	17.318	42.559	35671	41805.262	26.984	28.428	28.034	1.019
10/4/2017 1:30	2863800	18.889	17.318	42.55	35629.059	41755.859	26.949	28.394	28.067	1.019
10/4/2017 1:45	2864700	18.892	17.318	42.557	35647.617	41777.855	26.965	28.409	28.052	1.019
10/4/2017 2:00	2865600	18.891	17.319	42.555	35636.609	41763.887	26.955	28.399	28.061	1.019
10/4/2017 2:15	2866500	18.89	17.319	42.552	35660.402	41791.934	26.975	28.419	28.042	1.019
10/4/2017 2:30	2867400	18.893	17.319	42.559	35636.555	41763.574	26.955	28.399	28.061	1.019
10/4/2017 2:45	2868300	18.887	17.32	42.545	35664.262	41795.145	26.977	28.421	28.039	1.019
10/4/2017 3:00	2869200	18.892	17.32	42.556	35658.309	41787.84	26.972	28.416	28.044	1.019
10/4/2017 3:15	2870100	18.89	17.32	42.551	35632.66	41757.617	26.951	28.395	28.064	1.019
10/4/2017 3:30	2871000	18.889	17.321	42.549	35628.934	41753.172	26.947	28.392	28.067	1.019
10/4/2017 3:45	2871900	18.889	17.32	42.55	35622.383	41746.066	26.942	28.387	28.072	1.019
10/4/2017 4:00	2872800	18.884	17.32	42.538	35637.188	41763.012	26.954	28.399	28.061	1.019
10/4/2017 4:15	2873700	18.886	17.32	42.543	35660.996	41791.316	26.975	28.418	28.042	1.019
10/4/2017 4:30	2874600	18.889	17.32	42.549	35633.367	41759.18	26.952	28.396	28.064	1.019
10/4/2017 4:45	2875500	18.887	17.32	42.544	35597.168	41716.758	26.921	28.367	28.092	1.019
10/4/2017 5:00	2876400	18.885	17.319	42.541	35629.313	41755.086	26.949	28.393	28.067	1.019
10/4/2017 5:15	2877300	18.886	17.319	42.542	35629.695	41755.129	26.949	28.393	28.066	1.019
10/4/2017 5:30	2878200	18.887	17.32	42.545	35651.117	41780.16	26.967	28.411	28.05	1.019
10/4/2017 5:45	2879100	18.883	17.319	42.536	35615.055	41738.133	26.936	28.382	28.078	1.019
10/4/2017 6:00	2880000	18.884	17.319	42.539	35612.352	41735.371	26.935	28.38	28.08	1.019
10/4/2017 6:15	2880900	18.888	17.32	42.548	35619.336	41742.824	26.94	28.385	28.075	1.019
10/4/2017 6:30	2881800	18.885	17.319	42.54	35562.75	41677.414	26.893	28.341	28.119	1.019
10/4/2017 6:45	2882700	18.886	17.319	42.543	35637.141	41764.262	26.955	28.4	28.061	1.019
10/4/2017 7:00	2883600	18.886	17.319	42.542	35586.254	41704.871	26.913	28.359	28.101	1.019
10/4/2017 7:15	2884500	18.881	17.319	42.532	35642.797	41770.809	26.96	28.404	28.056	1.019
10/4/2017 7:30	2885400	18.886	17.319	42.543	35617.582	41741.168	26.939	28.384	28.076	1.019
10/4/2017 7:45	2886300	18.885	17.319	42.54	35628.191	41753.855	26.948	28.393	28.068	1.019
10/4/2017 8:00	2887200	18.878	17.319	42.524	35609.227	41731.141	26.932	28.377	28.083	1.019
10/4/2017 8:15	2888100	18.883	17.319	42.535	35632.266	41758.141	26.951	28.396	28.064	1.019
10/4/2017 8:30	2889000	18.88	17.319	42.53	35651.016	41780.348	26.967	28.411	28.05	1.019
10/4/2017 8:45	2889900	18.882	17.319	42.534	35589.418	41707.926	26.915	28.361	28.098	1.019
10/4/2017 9:00	2890800	18.886	17.32	42.542	35662.48	41793.137	26.976	28.419	28.041	1.019
10/4/2017 9:15	2891700	18.885	17.319	42.54	35665.133	41796.891	26.979	28.422	28.039	1.019
10/4/2017 9:30	2892600	18.888	17.32	42.546	35633.848	41759.504	26.952	28.396	28.063	1.019
10/4/2017 9:45	2893500	18.881	17.32	42.532	35631.773	41757.07	26.95	28.395	28.065	1.019
10/4/2017 10:00	2894400	18.88	17.32	42.528	35634.121	41759.984	26.952	28.397	28.063	1.019
10/4/2017 10:15	2895300	18.881	17.32	42.532	35645.07	41772.984	26.961	28.406	28.054	1.019
10/4/2017 10:30	2896200	18.883	17.319	42.536	35692.641	41829.059	27.002	28.444	28.017	1.019
10/4/2017 10:45	2897100	18.882	17.319	42.534	35692.375	41829.328	27.002	28.444	28.017	1.019
10/4/2017 11:00	2898000	18.882	17.318	42.533	35664.02	41796.5	26.978	28.422	28.039	1.019
10/4/2017 11:15	2898900	18.881	17.318	42.53	35673.793	41808.535	26.987	28.43	28.032	1.019
10/4/2017 11:30	2899800	18.878	17.318	42.525	35699.984	41839.301	27.009	28.451	28.011	1.019
10/4/2017 11:45	2900700	18.884	17.317	42.539	35668.188	41802.199	26.982	28.425	28.036	1.019
10/4/2017 12:00	2901600	18.88	17.317	42.528	35655.68	41788.035	26.972	28.416	28.046	1.019
10/4/2017 12:15	2902500	18.878	17.317	42.524	35636.438	41765.648	26.956	28.401	28.061	1.019
10/4/2017 12:30	2903400	18.882	17.317	42.534	35659.52	41792.625	26.975	28.419	28.043	1.019
10/4/2017 12:45	2904300	18.877	17.316	42.522	35662.797	41796.961	26.978	28.422	28.04	1.019
10/4/2017 13:00	2905200	18.878	17.317	42.525	35658.613	41791.309	26.974	28.418	28.044	1.019
10/4/2017 13:15	2906100	18.877	17.316	42.523	35662.191	41796.324	26.978	28.422	28.041	1.019
10/4/2017 13:30	2907000	18.878	17.317	42.524	35675.125	41810.746	26.988	28.431	28.031	1.019
10/4/2017 13:45	2907900	18.881	17.316	42.532	35676.52	41813.539	26.99	28.433	28.03	1.019
10/4/2017 14:00	2908800	18.88	17.317	42.528	35681.379	41817.582	26.993	28.436	28.026	1.019
10/4/2017 14:15	2909700	18.877	17.317	42.521	35695.035	41833.586	27.005	28.447	28.015	1.019
10/4/2017 14:30	2910600	18.879	17.318	42.527	35707.203	41847.516	27.015	28.456	28.006	1.019
10/4/2017 14:45	2911500	18.872	17.318	42.512	35684.285	41820.25	26.995	28.438	28.024	1.019
10/4/2017 15:00	2912400	18.879	17.319	42.526	35662.684	41793.789	26.976	28.42	28.041	1.019
10/4/2017 15:15	2913300	18.877	17.32	42.523	35658.133	41788.039	26.972	28.416	28.044	1.019
10/4/2017 15:30	2914200	18.879	17.32	42.527	35676.949	41809.918	26.988	28.431	28.029	1.019
10/4/2017 15:45	2915100	18.877	17.32	42.521	35634.16	41759.465	26.952	28.396	28.063	1.019
10/4/2017 16:00	2916000	18.874	17.321	42.516	35652.789	41781.129	26.967	28.411	28.048	1.019
10/4/2017 16:15	2916900	18.877	17.32	42.522	35663.945	41794.445	26.977	28.42	28.04	1.019
10/4/2017 16:30	2917800	18.872	17.32	42.511	35689.973	41824.871	26.999	28.441	28.019	1.019
10/4/2017 16:45	2918700	18.875	17.32	42.518	35665.203	41796.578	26.978	28.422	28.039	1.019
10/4/2017 17:00	2919600	18.871	17.319	42.508	35642.426	41770.375	26.96	28.404	28.056	1.019
10/4/2017 17:15	2920500	18.874	17.32	42.515	35628.629	41753.465	26.947	28.392	28.067	1.019
10/4/2017 17:30	2921400	18.871	17.319	42.509	35663.621	41794.965	26.977	28.421	28.04	1.019
10/4/2017 17:45	2922300	18.876	17.319	42.521	35661.836	41792.957	26.976	28.419	28.041	1.019
10/4/2017 18:00	2923200	18.87	17.319	42.506	35647.484	41776.141	26.964	28.408	28.052	1.019
10/4/2017 18:15	2924100	18.874	17.32	42.516	35617.348	41740.586	26.938	28.384	28.076	1.019
10/4/2017 18:30	2925000	18.875	17.319	42.517	35638.363	41765.941	26.956	28.401	28.06	1.019
10/4/2017 18:45	2925900	18.875	17.319	42.517	35631.352	41757.641	26.95	28.395	28.065	1.019
10/4/2017 19:00	2926800	18.874	17.319	42.516	35637.473	41764.406	26.955	28.4	28.06	1.019
10/4/2017 19:15	2927700	18.88	17.319	42.529	35664.281	41795.895	26.978	28.421	28.039	1.019
10/4/2017 19:30	2928600	18.876	17.32	42.52	35620.258	41743.996	26.941	28.386	28.074	1.019
10/4/2017 19:45	2929500	18.875	17.319	42.519	35654.266	41784.25	26.969	28.413	28.047	1.019
10/4/2017 20:00	2930400	18.871	17.319	42.509	35654.195	41784.168	26.969	28.413	28.047	1.019
10/4/2017 20:15	2931300	18.872	17.319	42.511	35711.371	41851.418	27.018	28.459	28.002	1.019
10/4/2017 20:30	2932200	18.877	17.317	42.521	35710.043	41851.176	27.017	28.459	28.003	1.019
10/4/2017 20:45	2933100	18.877	17.316	42.521	35709.027	41851.301	27.017	28.459	28.004	1.019
10/4/2017 21:00	2934000	18.877	17.316	42.522	35737.785	41884.754	27.041	28.482	27.982	1.019
10/4/2017 21:15	2934900	18.884	17.316	42.538	35720.016	41864.586	27.027	28.468	27.996	1.019
10/4/2017 21:30	2935800	18.878	17.315	42.525	35703.578	41845.816	27.013	28.455	28.008	1.019
10/4/2017 21:45	29367									

Report Date: 10/9/2017 9:50
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_2017-10-05_18-32-15-175.wsl
Create Date: 10/5/2017 18:32

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

Log Data:
Record Count: 604

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

Time Zone: Pacific Daylight Time

Date and Time	Elapsed Time Seconds	Sensor: PCTD(G) 692ft	Sensor: PCTD(G) 692ft	Sensor: PCTD(G) 692ft	Sensor: PCTD(G) 692ft	Sensor: PCTD(G) 692ft	Sensor: PCTD(G) 692ft	Sensor: PCTD(G) 692ft	Sensor: PCTD(G) 692ft	Sensor: PCTD(G) 692ft	
		SN#: 483442 Pressure (PSI)	SN#: 483442 Temperature (C)	SN#: 483442 Depth (ft)	SN#: 483442 Actual Conductivity (µS/cm)	SN#: 483442 Specific Conductivity (µS/cm)	SN#: 483442 Salinity (PSU)	SN#: 483442 Total Dissolved Solids (ppt)	SN#: 483442 Resistivity (ohm-cm)	SN#: 483442 Water Density (g/cm3)	
9/29/2017 11:30		0	49.64	18.273	111.819	31439.482	36074.918	22.961	24.531	31.807	1.016
9/29/2017 11:45		900.001	119.191	20.4	268.49	38538.648	42251.152	27.433	28.731	25.948	1.019
9/29/2017 12:00		1800.001	119.185	20.396	268.475	38525.695	42239.813	27.425	28.723	25.957	1.019
9/29/2017 12:15		2700.001	119.179	20.392	268.462	38569.055	42291.375	27.462	28.758	25.928	1.019
9/29/2017 12:30		3600.001	119.171	20.392	268.445	38565.684	42287.137	27.459	28.755	25.93	1.019
9/29/2017 12:45		4500.001	119.166	20.387	268.432	38491.02	42210.371	27.403	28.703	25.98	1.019
9/29/2017 13:00		5400.001	119.166	20.388	268.434	38453.355	42167.992	27.372	28.674	26.006	1.019
9/29/2017 13:15		6300.001	119.169	20.375	268.439	38590.219	42329.074	27.488	28.784	25.913	1.019
9/29/2017 13:30		7200.001	119.166	20.369	268.432	38534.297	42273.852	27.448	28.746	25.951	1.019
9/29/2017 13:45		8100.001	119.166	20.369	268.434	38109.75	41807.875	27.112	28.429	26.24	1.019
9/29/2017 14:00		9000.001	119.158	20.365	268.415	39007.488	42796.574	27.825	29.102	25.636	1.019
9/29/2017 14:15		9900.001	119.178	20.358	268.46	38335.965	42065.516	27.298	28.605	26.085	1.019
9/29/2017 14:30		10800.001	119.173	20.356	268.449	39576.164	43428.441	28.282	29.531	25.268	1.02
9/29/2017 14:45		11700.001	119.186	20.357	268.478	39291.508	43115.285	28.056	29.318	25.451	1.019
9/29/2017 15:00		12600.001	119.191	20.357	268.49	39557.195	43406.352	28.266	29.516	25.28	1.02
9/29/2017 15:15		13500.001	119.167	20.361	268.435	39582.98	43431.309	28.285	29.533	25.263	1.02
9/29/2017 15:30		14400.001	119.199	20.366	268.506	39412.648	43240.055	28.146	29.403	25.373	1.019
9/29/2017 15:45		15300.001	119.211	20.366	268.535	39639.02	43488.324	28.326	29.572	25.228	1.02
9/29/2017 16:00		16200.001	119.227	20.367	268.57	39163.039	42964.707	27.947	29.216	25.534	1.019
9/29/2017 16:15		17100.001	119.23	20.367	268.578	39346.098	43166.094	28.093	29.353	25.415	1.019
9/29/2017 16:30		18000.001	119.236	20.368	268.59	39062.949	42854.668	27.868	29.141	25.6	1.019
9/29/2017 16:45		18900.001	119.249	20.366	268.619	39642.34	43491.418	28.328	29.574	25.226	1.02
9/29/2017 17:00		19800.001	119.256	20.365	268.635	39627.883	43476.906	28.318	29.564	25.235	1.02
9/29/2017 17:15		20700.001	119.268	20.365	268.662	39604.203	43450.691	28.299	29.546	25.25	1.02
9/29/2017 17:30		21600.001	119.247	20.366	268.615	39646.883	43497.035	28.332	29.578	25.223	1.02
9/29/2017 17:45		22500.001	119.282	20.368	268.694	39589.023	43431.336	28.285	29.533	25.26	1.02
9/29/2017 18:00		23400.001	119.284	20.368	268.699	39563.938	43403.648	28.265	29.514	25.276	1.02
9/29/2017 18:15		24300.001	119.302	20.365	268.74	39622.449	43470.625	28.313	29.56	25.238	1.02
9/29/2017 18:30		25200.001	119.304	20.367	268.745	39577.121	43419.145	28.276	29.525	25.267	1.02
9/29/2017 18:45		26100.001	119.305	20.368	268.746	39646.68	43494.984	28.331	29.577	25.223	1.02
9/29/2017 19:00		27000.001	119.304	20.371	268.745	39588.535	43427.934	28.282	29.531	25.26	1.02
9/29/2017 19:15		27900.001	119.305	20.368	268.746	39587.551	43429.719	28.284	29.532	25.26	1.02
9/29/2017 19:30		28800.001	119.302	20.37	268.74	39559.539	43396.922	28.26	29.51	25.278	1.02
9/29/2017 19:45		29700.001	119.31	20.372	268.758	39390.863	43210.777	28.125	29.383	25.387	1.019
9/29/2017 20:00		30600.001	119.3	20.375	268.735	39264.02	43068.707	28.023	29.287	25.469	1.019
9/29/2017 20:15		31500.001	119.298	20.371	268.729	38962.918	42741.793	27.786	29.064	25.665	1.019
9/29/2017 20:30		32400.001	119.291	20.373	268.715	38909.496	42681.164	27.742	29.023	25.701	1.019
9/29/2017 20:45		33300.001	119.277	20.377	268.683	38687.195	42434.051	27.564	28.855	25.848	1.019
9/29/2017 21:00		34200.001	119.263	20.375	268.651	38496.848	42226.973	27.415	28.714	25.976	1.019
9/29/2017 21:15		35100.001	119.253	20.375	268.629	38329.539	42043.527	27.282	28.59	26.09	1.019
9/29/2017 21:30		36000.001	119.237	20.378	268.594	38272.766	41978.637	27.236	28.545	26.128	1.019
9/29/2017 21:45		36900.001	119.223	20.378	268.562	38298.998	42006.367	27.256	28.564	26.111	1.019
9/29/2017 22:00		37800.001	119.211	20.378	268.535	38380.16	42096.273	27.32	28.625	26.055	1.019
9/29/2017 22:15		38700.001	119.191	20.377	268.49	38620.512	42361.215	27.511	28.806	25.893	1.019
9/29/2017 22:30		39600.001	119.179	20.381	268.462	38612.754	42349.137	27.503	28.797	25.898	1.019
9/29/2017 22:45		40500.001	119.154	20.377	268.407	38524.535	42255.48	27.435	28.734	25.957	1.019
9/29/2017 23:00		41400.001	119.14	20.377	268.375	38617.262	42357.574	27.509	28.803	25.895	1.019
9/29/2017 23:15		42300.001	119.114	20.378	268.317	38644.941	42386.918	27.53	28.823	25.877	1.019
9/29/2017 23:30		43200.001	119.093	20.382	268.268	38599.059	42332.957	27.491	28.786	25.907	1.019
9/29/2017 23:45		44100.001	119.068	20.381	268.213	38510.867	42237.082	27.422	28.721	25.967	1.019
9/30/2017 0:00		45000.001	119.052	20.382	268.177	38559.461	42289.996	27.46	28.757	25.934	1.019
9/30/2017 0:15		45900.001	119.032	20.384	268.132	38505.902	42228.785	27.416	28.716	25.97	1.019
9/30/2017 0:30		46800.001	119.021	20.379	268.107	38538.633	42269.238	27.445	28.743	25.948	1.019
9/30/2017 0:45		47700.001	119	20.383	268.06	38579.652	42310.824	27.475	28.771	25.92	1.019
9/30/2017 1:00		48600.001	118.981	20.383	268.017	38547.086	42275.484	27.45	28.747	25.942	1.019
9/30/2017 1:15		49500.001	118.969	20.383	267.988	38526.285	42252.523	27.433	28.732	25.956	1.019
9/30/2017 1:30		50400.001	118.957	20.385	267.963	38535.484	42260.289	27.439	28.737	25.95	1.019
9/30/2017 1:45		51300.001	118.916	20.383	267.87	38517.348	42242.102	27.426	28.725	25.962	1.019
9/30/2017 2:00		52200.001	118.935	20.384	267.912	38545.305	42272.074	27.447	28.745	25.943	1.019
9/30/2017 2:15		53100.001	118.923	20.385	267.885	38522.277	42245.969	27.429	28.727	25.959	1.019
9/30/2017 2:30		54000.001	118.918	20.382	267.874	38546.156	42275.406	27.45	28.747	25.943	1.019
9/30/2017 2:45		54900.001	118.91	20.384	267.856	38548.422	42275.492	27.45	28.747	25.941	1.019
9/30/2017 3:00		55800.001	118.911	20.383	267.858	38538.871	42266.023	27.443	28.741	25.948	1.019
9/30/2017 3:15		56700.001	118.913	20.384	267.862	38522.328	42247.18	27.429	28.728	25.959	1.019
9/30/2017 3:30		57600.001	118.917	20.386	267.872	38547.086	42272.777	27.448	28.745	25.942	1.019
9/30/2017 3:45		58500.001	118.912	20.383	267.861	38530.223	42256.918	27.436	28.735	25.954	1.019
9/30/2017 4:00		59400.001	118.918	20.383	267.874	38523	42248.922	27.431	28.729		

9/30/2017 13:00	91800.001	119.106	20.389	268.297	38517.531	42237.516	27.423	28.722	25.962	1.019
9/30/2017 13:15	92700.001	119.108	20.388	268.303	38500.043	42218.871	27.409	28.709	25.974	1.019
9/30/2017 13:30	93600.001	119.104	20.389	268.294	38470.586	42185.566	27.385	28.686	25.994	1.019
9/30/2017 13:45	94500.001	119.104	20.387	268.294	38500.348	42219.98	27.41	28.71	25.974	1.019
9/30/2017 14:00	95400.001	119.093	20.39	268.268	38496.672	42213.629	27.405	28.705	25.976	1.019
9/30/2017 14:15	96300.001	119.098	20.392	268.28	38510.895	42227.68	27.416	28.715	25.967	1.019
9/30/2017 14:30	97200.001	119.085	20.389	268.251	38501.938	42220.492	27.41	28.71	25.973	1.019
9/30/2017 14:45	98100.001	119.096	20.389	268.275	38492.031	42209.082	27.402	28.702	25.979	1.019
9/30/2017 15:00	99000.001	119.097	20.389	268.277	38475.004	42191.105	27.389	28.69	25.991	1.019
9/30/2017 15:15	99900.001	119.105	20.387	268.297	38489.98	42209.234	27.402	28.702	25.981	1.019
9/30/2017 15:30	100800.001	119.108	20.387	268.303	38496.91	42216.285	27.407	28.707	25.976	1.019
9/30/2017 15:45	101700.001	119.118	20.39	268.325	38480.277	42196.039	27.393	28.693	25.987	1.019
9/30/2017 16:00	102600.001	119.119	20.389	268.327	38498.859	42216.887	27.408	28.707	25.975	1.019
9/30/2017 16:15	103500.001	119.132	20.39	268.357	38477.699	42193.137	27.391	28.691	25.989	1.019
9/30/2017 16:30	104400.001	119.144	20.391	268.383	38478.27	42192.68	27.39	28.691	25.989	1.019
9/30/2017 16:45	105300.001	119.154	20.39	268.407	38502.164	42219.27	27.41	28.709	25.973	1.019
9/30/2017 17:00	106200.001	119.17	20.389	268.442	38492.52	42210.09	27.403	28.703	25.979	1.019
9/30/2017 17:15	107100.001	119.175	20.389	268.453	38502.168	42220.426	27.41	28.71	25.973	1.019
9/30/2017 17:30	108000.001	119.187	20.388	268.48	38506.535	42226.613	27.415	28.714	25.97	1.019
9/30/2017 17:45	108900.001	119.202	20.389	268.514	38457.723	42172.23	27.376	28.677	26.003	1.019
9/30/2017 18:00	109800.001	119.213	20.388	268.54	38466.43	42182.328	27.383	28.684	25.997	1.019
9/30/2017 18:15	110700.001	119.229	20.39	268.575	38486.938	42203.344	27.398	28.698	25.983	1.019
9/30/2017 18:30	111600.001	119.237	20.391	268.594	38474.242	42188.496	27.387	28.688	25.991	1.019
9/30/2017 18:45	112500.001	119.24	20.39	268.599	38511.051	42229.164	27.417	28.716	25.967	1.019
9/30/2017 19:00	113400.001	119.255	20.389	268.633	38468.652	42183.676	27.384	28.685	25.995	1.019
9/30/2017 19:15	114300.001	119.258	20.386	268.64	38493.426	42213.242	27.405	28.705	25.978	1.019
9/30/2017 19:30	115200.001	119.273	20.39	268.675	38482.918	42198.547	27.395	28.695	25.986	1.019
9/30/2017 19:45	116100.001	119.273	20.388	268.675	38467.25	42182.758	27.383	28.684	25.996	1.019
9/30/2017 20:00	117000.001	119.274	20.387	268.676	38490.563	42209.48	27.402	28.702	25.98	1.019
9/30/2017 20:15	117900.001	119.273	20.39	268.675	38542.805	42264.219	27.442	28.74	25.945	1.019
9/30/2017 20:30	118800.001	119.274	20.391	268.676	38495.141	42211.34	27.404	28.704	25.977	1.019
9/30/2017 20:45	119700.001	119.275	20.39	268.679	38493.813	42210.805	27.403	28.703	25.978	1.019
9/30/2017 21:00	120600.001	119.269	20.39	268.666	38493.594	42210.418	27.403	28.703	25.978	1.019
9/30/2017 21:15	121500.001	119.265	20.391	268.656	38505.367	42222.625	27.412	28.711	25.97	1.019
9/30/2017 21:30	122400.001	119.233	20.388	268.584	38491.973	42210.176	27.403	28.703	25.979	1.019
9/30/2017 21:45	123300.001	119.25	20.387	268.623	38508.418	42228.75	27.416	28.716	25.968	1.019
9/30/2017 22:00	124200.001	119.24	20.386	268.599	38505.336	42226.77	27.415	28.714	25.97	1.019
9/30/2017 22:15	125100.001	119.224	20.387	268.564	38515.09	42236.297	27.422	28.721	25.964	1.019
9/30/2017 22:30	126000.001	119.208	20.385	268.529	38509.16	42231.422	27.418	28.717	25.968	1.019
9/30/2017 22:45	126900.001	119.191	20.39	268.49	38500.691	42217.652	27.408	28.708	25.974	1.019
9/30/2017 23:00	127800.001	119.174	20.388	268.45	38508.367	42227.926	27.416	28.715	25.968	1.019
9/30/2017 23:15	128700.001	119.152	20.391	268.401	38484.359	42199.516	27.395	28.696	25.985	1.019
9/30/2017 23:30	129600.001	119.135	20.388	268.364	38466.234	42182.035	27.383	28.684	25.997	1.019
9/30/2017 23:45	130500.001	119.111	20.389	268.307	38483.16	42199.434	27.395	28.696	25.985	1.019
10/1/2017 0:00	131400.001	119.094	20.391	268.271	38497.27	42213.438	27.405	28.705	25.976	1.019
10/1/2017 0:15	132300.001	119.07	20.392	268.216	38491.391	42206.215	27.4	28.7	25.98	1.019
10/1/2017 0:30	133200.001	119.048	20.39	268.168	38505.074	42222.77	27.412	28.711	25.971	1.019
10/1/2017 0:45	134100.001	119.024	20.392	268.113	38504.629	42220.969	27.411	28.71	25.971	1.019
10/1/2017 1:00	135000.001	119	20.393	268.059	38462.742	42174.113	27.377	28.678	25.999	1.019
10/1/2017 1:15	135900.001	118.99	20.387	268.036	38476.016	42193.527	27.391	28.692	25.99	1.019
10/1/2017 1:30	136800.001	118.964	20.385	267.979	38472.648	42191.766	27.389	28.69	25.992	1.019
10/1/2017 1:45	137700.001	118.946	20.385	267.938	38473.746	42192.664	27.39	28.691	25.992	1.019
10/1/2017 2:00	138600.001	118.937	20.386	267.917	38463.605	42181.313	27.382	28.683	25.999	1.019
10/1/2017 2:15	139500.001	118.928	20.389	267.896	38506.871	42225.508	27.414	28.713	25.969	1.019
10/1/2017 2:30	140400.001	118.907	20.387	267.85	38490.035	42208.594	27.402	28.702	25.981	1.019
10/1/2017 2:45	141300.001	118.895	20.387	267.822	38468.871	42185.383	27.385	28.686	25.995	1.019
10/1/2017 3:00	142200.001	118.89	20.386	267.81	38486.215	42205.406	27.399	28.7	25.983	1.019
10/1/2017 3:15	143100.001	118.882	20.387	267.793	38502.742	42223.305	27.412	28.712	25.972	1.019
10/1/2017 3:30	144000.001	118.877	20.389	267.781	38484.668	42201.48	27.397	28.697	25.984	1.019
10/1/2017 3:45	144900.001	118.875	20.387	267.777	38490.051	42209.074	27.402	28.702	25.981	1.019
10/1/2017 4:00	145800.001	118.88	20.388	267.789	38493.113	42211.199	27.404	28.704	25.979	1.019
10/1/2017 4:15	146700.001	118.877	20.39	267.781	38472.648	42186.902	27.386	28.687	25.992	1.019
10/1/2017 4:30	147600.001	118.89	20.389	267.812	38491.059	42208.637	27.402	28.702	25.98	1.019
10/1/2017 4:45	148500.001	118.891	20.389	267.815	38491.289	42208.664	27.402	28.702	25.98	1.019
10/1/2017 5:00	149400.001	118.907	20.392	267.85	38528.191	42247.422	27.43	28.728	25.955	1.019
10/1/2017 5:15	150300.001	118.911	20.391	267.858	38476.898	42190.176	27.389	28.689	25.99	1.019
10/1/2017 5:30	151200.001	118.922	20.392	267.883	38500.945	42216.309	27.407	28.707	25.973	1.019
10/1/2017 5:45	152100.001	118.944	20.389	267.932	38479.367	42195.742	27.392	28.693	25.988	1.019
10/1/2017 6:00	153000.001	118.954	20.388	267.955	38501.277	42220.07	27.41	28.71	25.973	1.019
10/1/2017 6:15	153900.001	118.967	20.389	267.985	38479.379	42195.363	27.392	28.693	25.988	1.019
10/1/2017 6:30	154800.001	118.981	20.391	268.015	38517.094	42234.781	27.421	28.72	25.962	1.019
10/1/2017 6:45	155700.001	118.999	20.392	268.056	38485.441	42199.227	27.395	28.695	25.984	1.019
10/1/2017 7:00	156600.001	119.024	20.391	268.113	38498.008	42214.406	27.406	28.706	25.975	1.019
10/1/2017 7:15	157500.001	119.032	20.391	268.132	38488.688	42204.023	27.399	28.699	25.982	1.019
10/1/2017 7:30	158400.001	119.05	20.39	268.172	38508.664	42226.625	27.415	28.714	25.968	1.019
10/1/2017 7:45	159300.001	119.067	20.39	268.211	38504.156	42221.762	27.411	28.711	25.971	1.019
10/1/2017 8:00	160200.001	119.078	20.391	268.234	38525.066	42244.227	27.428	28.726	25.957	1.019
10/1/2017 8:15	161100.001	119.092	20.394	268.267	38481.918	42194.207	27.392	28.692	25.986	1.019
10/1/2017 8:30	162000.001	119.097	20.391	268.277	38509.188	42226.668	27.415	28.714	25.968	1.019
10/1/2017 8:45	162900.001	119.123	20.391	268.335	38466.336	42179.281	27.381	28.682	25.997	1.019
10/1/2017 9:00	163800.001	119.102	20.39	268.29	38488.617	42205.109	27.399	28.699	25.982	1.019
10/1/2017 9:15	164700.001	119.129	20.39	268.351	38495.477	42212.004	27.404	28.704	25.977	1.019
10/1/2017 9:30	165600.001	119.142	20.391	268.38	38489.941	42205.398	27.4	28.7	25.981	1.019
10/1/2017 9:45	166500.001	119.157	20.393	268.412	38497.594	42212.168	27.404	28.704	25.976	1.019
10/1/2017 10:00	167400.001	119.144	20.39	268.383	38497.176	42213.867	27.406	28.705	25.976	1.019
10/1/2017 10:15	168300.001	119.166	20.39	268.434	38482.961	42198.211	27.394	28.695	25.986	1.019
10/1/2017 10:30	169200.001	11								

10/2/2017 9:30	252000.001	119.232	20.394	268.581	38544.555	42262.66	27.441	28.739	25.944	1.019
10/2/2017 9:45	252900.001	119.255	20.391	268.633	38545.391	42265.809	27.443	28.741	25.943	1.019
10/2/2017 10:00	253800.001	119.263	20.394	268.651	38515.637	42230.871	27.418	28.717	25.963	1.019
10/2/2017 10:15	254700.001	119.254	20.391	268.631	38552.777	42273.836	27.449	28.746	25.938	1.019
10/2/2017 10:30	255600.001	119.254	20.392	268.631	38526.887	42244.668	27.428	28.726	25.956	1.019
10/2/2017 10:45	256500.001	119.261	20.393	268.647	38539.98	42258.879	27.438	28.736	25.947	1.019
10/2/2017 11:00	257400.001	119.271	20.391	268.669	38572.34	42295.434	27.464	28.761	25.925	1.019
10/2/2017 11:15	258300.001	119.265	20.391	268.656	38522.426	42240.871	27.425	28.724	25.959	1.019
10/2/2017 11:30	259200.001	119.257	20.391	268.638	38518.742	42236.746	27.422	28.721	25.961	1.019
10/2/2017 11:45	260100.001	119.257	20.39	268.638	38533.832	42254.305	27.435	28.733	25.951	1.019
10/2/2017 12:00	261000.001	119.252	20.392	268.626	38548.605	42269.113	27.446	28.743	25.941	1.019
10/2/2017 12:15	261900.001	119.237	20.392	268.592	38576.691	42299.746	27.468	28.764	25.922	1.019
10/2/2017 12:30	262800.001	119.229	20.394	268.575	38541.566	42259.148	27.438	28.736	25.946	1.019
10/2/2017 12:45	263700.001	119.224	20.396	268.564	38543.77	42260.09	27.439	28.737	25.945	1.019
10/2/2017 13:00	264600.001	119.218	20.397	268.549	38585.586	42305.324	27.472	28.768	25.916	1.019
10/2/2017 13:15	265500.001	119.195	20.394	268.498	38566.285	42286.633	27.458	28.755	25.929	1.019
10/2/2017 13:30	266400.001	119.196	20.393	268.5	38531.34	42248.938	27.431	28.729	25.953	1.019
10/2/2017 13:45	267300.001	119.182	20.393	268.469	38554.75	42274.688	27.445	28.747	25.937	1.019
10/2/2017 14:00	268200.001	119.163	20.395	268.426	38555.055	42273.469	27.449	28.746	25.937	1.019
10/2/2017 14:15	269100.001	119.16	20.393	268.419	38544.059	42262.508	27.441	28.739	25.944	1.019
10/2/2017 14:30	270000.001	119.154	20.393	268.405	38565.555	42286.152	27.458	28.755	25.93	1.019
10/2/2017 14:45	270900.001	119.149	20.39	268.396	38549.465	42271.445	27.447	28.745	25.941	1.019
10/2/2017 15:00	271800.001	119.134	20.393	268.362	38529.027	42246.711	27.429	28.728	25.954	1.019
10/2/2017 15:15	272700.001	119.104	20.391	268.294	38548.535	42269.258	27.446	28.743	25.941	1.019
10/2/2017 15:30	273600.001	119.126	20.393	268.343	38578.926	42301.508	27.469	28.765	25.921	1.019
10/2/2017 15:45	274500.001	119.117	20.393	268.323	38553.863	42273.945	27.449	28.746	25.938	1.019
10/2/2017 16:00	275400.001	119.118	20.389	268.325	38568.613	42293.605	27.463	28.76	25.928	1.019
10/2/2017 16:15	276300.001	119.117	20.39	268.323	38526.027	42245.746	27.429	28.727	25.956	1.019
10/2/2017 16:30	277200.001	119.123	20.396	268.337	38583.879	42304.227	27.471	28.767	25.918	1.019
10/2/2017 16:45	278100.001	119.138	20.394	268.369	38590.926	42313.27	27.477	28.773	25.913	1.019
10/2/2017 17:00	279000.001	119.134	20.391	268.362	38563.629	42285.809	27.458	28.754	25.931	1.019
10/2/2017 17:15	279900.001	119.145	20.391	268.385	38547.605	42268.313	27.445	28.742	25.942	1.019
10/2/2017 17:30	280800.001	119.16	20.392	268.419	38560.418	42281.52	27.454	28.751	25.933	1.019
10/2/2017 17:45	281700.001	119.166	20.393	268.432	38579.332	42301.715	27.469	28.765	25.921	1.019
10/2/2017 18:00	282600.001	119.181	20.395	268.467	38585.984	42307.07	27.473	28.769	25.916	1.019
10/2/2017 18:15	283500.001	119.191	20.391	268.49	38579.676	42303.328	27.47	28.766	25.92	1.019
10/2/2017 18:30	284400.001	119.216	20.39	268.546	38557.27	42280.16	27.453	28.751	25.935	1.019
10/2/2017 18:45	285300.001	119.229	20.39	268.575	38545.559	42267.625	27.444	28.742	25.943	1.019
10/2/2017 19:00	286200.001	119.243	20.389	268.606	38557.586	42280.969	27.454	28.751	25.935	1.019
10/2/2017 19:15	287100.001	119.272	20.39	268.672	38567.004	42290.434	27.461	28.757	25.929	1.019
10/2/2017 19:30	288000.001	119.288	20.392	268.709	38565.891	42287.363	27.459	28.755	25.93	1.019
10/2/2017 19:45	288900.001	119.29	20.391	268.713	38588.348	42313.07	27.477	28.773	25.915	1.019
10/2/2017 20:00	289800.001	119.308	20.391	268.754	38586.555	42311.652	27.476	28.772	25.916	1.019
10/2/2017 20:15	290700.001	119.323	20.392	268.787	38580.703	42303.996	27.471	28.767	25.92	1.019
10/2/2017 20:30	291600.001	119.339	20.393	268.823	38583.016	42305.445	27.472	28.768	25.918	1.019
10/2/2017 20:45	292500.001	119.354	20.393	268.856	38578.316	42300.914	27.468	28.765	25.921	1.019
10/2/2017 21:00	293400.001	119.366	20.392	268.885	38554.613	42275.617	27.45	28.747	25.937	1.019
10/2/2017 21:15	294300.001	119.369	20.393	268.891	38580.34	42302.363	27.47	28.766	25.92	1.019
10/2/2017 21:30	295200.001	119.381	20.393	268.918	38543.82	42262.543	27.441	28.739	25.944	1.019
10/2/2017 21:45	296100.001	119.388	20.394	268.934	38590.926	42313.578	27.478	28.773	25.913	1.019
10/2/2017 22:00	297000.001	119.396	20.395	268.95	38564.039	42283.395	27.456	28.753	25.931	1.019
10/2/2017 22:15	297900.001	119.396	20.393	268.95	38594.188	42317.852	27.481	28.776	25.911	1.019
10/2/2017 22:30	298800.001	119.385	20.392	268.927	38606.074	42331.582	27.491	28.785	25.903	1.019
10/2/2017 22:45	299700.001	119.381	20.393	268.918	38574.367	42296.426	27.465	28.762	25.924	1.019
10/2/2017 23:00	300600.001	119.378	20.397	268.911	38609.258	42331.129	27.49	28.785	25.901	1.019
10/2/2017 23:15	301500.001	119.368	20.394	268.889	38572.477	42293.586	27.463	28.76	25.925	1.019
10/2/2017 23:30	302400.001	119.361	20.393	268.872	38583.367	42306.215	27.472	28.768	25.918	1.019
10/2/2017 23:45	303300.001	119.35	20.393	268.848	38576.449	42298.711	27.467	28.763	25.923	1.019
10/3/2017 0:00	304200.001	119.331	20.393	268.804	38574.094	42296.211	27.465	28.761	25.924	1.019
10/3/2017 0:15	305100.001	119.314	20.39	268.765	38577.82	42302.695	27.47	28.766	25.922	1.019
10/3/2017 0:30	306000.001	119.296	20.39	268.726	38579.961	42304.578	27.471	28.767	25.92	1.019
10/3/2017 0:45	306900.001	119.265	20.391	268.656	38578.301	42302.527	27.47	28.766	25.921	1.019
10/3/2017 1:00	307800.001	119.251	20.392	268.624	38579.609	42303.027	27.47	28.766	25.92	1.019
10/3/2017 1:15	308700.001	119.223	20.391	268.562	38599.234	42324.777	27.486	28.781	25.907	1.019
10/3/2017 1:30	309600.001	119.211	20.39	268.534	38597.484	42324.258	27.485	28.78	25.908	1.019
10/3/2017 1:45	310500.001	119.186	20.39	268.478	38594.18	42320.715	27.483	28.778	25.911	1.019
10/3/2017 2:00	311400.001	119.154	20.388	268.405	38586.43	42314.227	27.478	28.774	25.916	1.019
10/3/2017 2:15	312300.001	119.142	20.383	268.38	38588.781	42320.68	27.482	28.778	25.914	1.019
10/3/2017 2:30	313200.001	119.115	20.385	268.318	38596.895	42328.102	27.488	28.783	25.909	1.019
10/3/2017 2:45	314100.001	119.1	20.384	268.284	38583.242	42314.137	27.478	28.774	25.918	1.019
10/3/2017 3:00	315000.001	119.078	20.382	268.236	38578.555	42310.395	27.475	28.771	25.921	1.019
10/3/2017 3:15	315900.001	119.065	20.384	268.206	38582.367	42312.645	27.477	28.773	25.919	1.019
10/3/2017 3:30	316800.001	119.052	20.384	268.175	38559.188	42287.223	27.458	28.755	25.934	1.019
10/3/2017 3:45	317700.001	119.04	20.385	268.15	38598.723	42330.188	27.489	28.785	25.908	1.019
10/3/2017 4:00	318600.001	119.027	20.387	268.119	38596.59	42325.75	27.486	28.782	25.909	1.019
10/3/2017 4:15	319500.001	118.997	20.385	268.053	38614.586	42346.961	27.501	28.796	25.897	1.019
10/3/2017 4:30	320400.001	119.016	20.385	268.095	38571.066	42299.859	27.467	28.764	25.926	1.019
10/3/2017 4:45	321300.001	119.014	20.383	268.091	38598	42330.551	27.49	28.785	25.908	1.019
10/3/2017 5:00	322200.001	119.02	20.386	268.104	38571.938	42299.875	27.468	28.764	25.926	1.019
10/3/2017 5:15	323100.001	119.023	20.392	268.112	38592.895	42317.441	27.48	28.776	25.912	1.019
10/3/2017 5:30	324000.001	119.033	20.391	268.134	38572.859	42296.484	27.463	28.762	25.925	1.019
10/3/2017 5:45	324900.001	119.038	20.39	268.146	38607.457	42335.113	27.495	28.788	25.902	1.019
10/3/2017 6:00	325800.001	119.045	20.389	268.161	38585.566	42311.73	27.476	28.772	25.916	1.019
10/3/2017 6:15	326700.001	119.061	20.389	268.196	38570.234	42295.309	27.464	28.761	25.927	1.019
10/3/2017 6:30	327600.001	119.071	20.389	268.22	38563.793	42287.773	27.459	28.756	25.931	1.019
10/3/2017 6:45	328500.001	119.088	20.392	268.256	38588.113	42312.047	27.477	28.772	25.915	

10/4/2017 6:00	412200.001	118.991	20.391	268.038	38579.84	42304.215	27.471	28.767	25.92	1.019
10/4/2017 6:15	413100.001	119	20.391	268.059	38614.18	42341.945	27.498	28.793	25.897	1.019
10/4/2017 6:30	414000.001	119.014	20.389	268.091	38625.836	42355.887	27.508	28.802	25.889	1.019
10/4/2017 6:45	414900.001	119.023	20.389	268.112	38614.199	42343.203	27.499	28.793	25.897	1.019
10/4/2017 7:00	415800.001	119.039	20.39	268.148	38615.82	42344.672	27.5	28.794	25.896	1.019
10/4/2017 7:15	416700.001	119.064	20.386	268.204	38625.488	42357.992	27.509	28.803	25.89	1.019
10/4/2017 7:30	417600.001	119.082	20.389	268.244	38610.582	42339.313	27.496	28.791	25.9	1.019
10/4/2017 7:45	418500.001	119.069	20.388	268.214	38610.527	42340.652	27.497	28.792	25.9	1.019
10/4/2017 8:00	419400.001	119.12	20.39	268.33	38623.609	42352.668	27.506	28.8	25.891	1.019
10/4/2017 8:15	420300.001	119.146	20.389	268.389	38593.086	42319.977	27.482	28.778	25.911	1.019
10/4/2017 8:30	421200.001	119.16	20.388	268.419	38622.797	42353.875	27.507	28.801	25.891	1.019
10/4/2017 8:45	422100.001	119.184	20.388	268.474	38594.953	42323.27	27.484	28.78	25.91	1.019
10/4/2017 9:00	423000.001	119.209	20.389	268.53	38584.121	42310.383	27.475	28.771	25.917	1.019
10/4/2017 9:15	423900.001	119.227	20.39	268.57	38613.27	42341.484	27.498	28.792	25.898	1.019
10/4/2017 9:30	424800.001	119.247	20.394	268.615	38618.121	42343.473	27.499	28.794	25.895	1.019
10/4/2017 9:45	425700.001	119.248	20.39	268.618	38636.926	42367.27	27.516	28.81	25.882	1.019
10/4/2017 10:00	426600.001	119.288	20.39	268.709	38607.746	42335.043	27.493	28.788	25.902	1.019
10/4/2017 10:15	427500.001	119.295	20.39	268.725	38644.801	42376.301	27.523	28.816	25.877	1.019
10/4/2017 10:30	428400.001	119.315	20.391	268.77	38621.195	42348.93	27.503	28.797	25.893	1.019
10/4/2017 10:45	429300.001	119.323	20.392	268.787	38639.77	42368.992	27.518	28.811	25.88	1.019
10/4/2017 11:00	430200.001	119.33	20.389	268.802	38616.609	42345.617	27.501	28.795	25.896	1.019
10/4/2017 11:15	431100.001	119.337	20.391	268.818	38608.484	42334.992	27.493	28.788	25.901	1.019
10/4/2017 11:30	432000.001	119.341	20.391	268.827	38604.102	42330.43	27.49	28.785	25.904	1.019
10/4/2017 11:45	432900.001	119.341	20.393	268.827	38619.055	42345.348	27.501	28.795	25.894	1.019
10/4/2017 12:00	433800.001	119.349	20.391	268.845	38614.469	42342.262	27.498	28.793	25.897	1.019
10/4/2017 12:15	434700.001	119.34	20.391	268.825	38615.836	42343.609	27.499	28.794	25.896	1.019
10/4/2017 12:30	435600.001	119.332	20.393	268.806	38594.465	42318.465	27.481	28.777	25.91	1.019
10/4/2017 12:45	436500.001	119.316	20.391	268.772	38617.461	42344.836	27.5	28.794	25.895	1.019
10/4/2017 13:00	437400.001	119.302	20.391	268.738	38597.84	42323.879	27.485	28.78	25.908	1.019
10/4/2017 13:15	438300.001	119.3	20.394	268.735	38627.371	42353.777	27.507	28.801	25.888	1.019
10/4/2017 13:30	439200.001	119.272	20.391	268.672	38637.125	42366.324	27.516	28.809	25.882	1.019
10/4/2017 13:45	440100.001	119.265	20.391	268.656	38627.262	42355.742	27.508	28.802	25.888	1.019
10/4/2017 14:00	441000.001	119.235	20.39	268.587	38600.695	42327.379	27.488	28.783	25.906	1.019
10/4/2017 14:15	441900.001	119.227	20.391	268.57	38609.734	42336.684	27.494	28.789	25.9	1.019
10/4/2017 14:30	442800.001	119.207	20.395	268.525	38587.867	42309.133	27.475	28.77	25.915	1.019
10/4/2017 14:45	443700.001	119.186	20.393	268.478	38617.313	42343.285	27.499	28.793	25.895	1.019
10/4/2017 15:00	444600.001	119.172	20.394	268.447	38611.609	42336.02	27.494	28.788	25.899	1.019
10/4/2017 15:15	445500.001	119.144	20.397	268.383	38598.594	42319.434	27.482	28.779	25.908	1.019
10/4/2017 15:30	446400.001	119.128	20.393	268.346	38598.172	42322.375	27.484	28.779	25.908	1.019
10/4/2017 15:45	447300.001	119.123	20.392	268.337	38609.227	42335.504	27.493	28.788	25.901	1.019
10/4/2017 16:00	448200.001	119.105	20.397	268.297	38613.219	42335.152	27.493	28.788	25.898	1.019
10/4/2017 16:15	449100.001	119.096	20.393	268.275	38616.762	42342.375	27.498	28.793	25.895	1.019
10/4/2017 16:30	450000.001	119.093	20.392	268.268	38596.055	42321.059	27.483	28.778	25.909	1.019
10/4/2017 16:45	450900.001	119.078	20.39	268.234	38601.676	42328.773	27.489	28.784	25.906	1.019
10/4/2017 17:00	451800.001	119.071	20.389	268.218	38588.664	42315.203	27.479	28.774	25.914	1.019
10/4/2017 17:15	452700.001	119.063	20.39	268.201	38580.879	42305.969	27.472	28.768	25.92	1.019
10/4/2017 17:30	453600.001	119.064	20.391	268.203	38595.254	42320.957	27.483	28.778	25.91	1.019
10/4/2017 17:45	454500.001	119.061	20.388	268.196	38626.305	42357.176	27.509	28.803	25.889	1.019
10/4/2017 18:00	455400.001	119.062	20.388	268.198	38654.723	42388.418	27.531	28.824	25.87	1.019
10/4/2017 18:15	456300.001	119.067	20.392	268.211	38632.754	42360.914	27.512	28.805	25.885	1.019
10/4/2017 18:30	457200.001	119.075	20.39	268.228	38588.023	42313.418	27.477	28.773	25.915	1.019
10/4/2017 18:45	458100.001	119.097	20.391	268.277	38633.27	42362.727	27.513	28.807	25.884	1.019
10/4/2017 19:00	459000.001	119.113	20.391	268.313	38603.93	42330	27.489	28.784	25.904	1.019
10/4/2017 19:15	459900.001	119.119	20.389	268.327	38619.832	42349.148	27.503	28.797	25.893	1.019
10/4/2017 19:30	460800.001	119.144	20.389	268.383	38607.727	42336.031	27.494	28.789	25.902	1.019
10/4/2017 19:45	461700.001	119.152	20.387	268.401	38595.305	42324.262	27.485	28.78	25.91	1.019
10/4/2017 20:00	462600.001	119.173	20.386	268.449	38614.594	42346.191	27.501	28.795	25.897	1.019
10/4/2017 20:15	463500.001	119.199	20.386	268.507	38606.914	42338.082	27.495	28.79	25.902	1.019
10/4/2017 20:30	464400.001	119.218	20.386	268.549	38598.805	42329.422	27.489	28.784	25.908	1.019
10/4/2017 20:45	465300.001	119.237	20.386	268.592	38636.523	42370.242	27.518	28.812	25.882	1.019
10/4/2017 21:00	466200.001	119.258	20.386	268.64	38616.438	42348.609	27.503	28.797	25.896	1.019
10/4/2017 21:15	467100.001	119.27	20.386	268.668	38629.453	42362.34	27.513	28.806	25.887	1.019
10/4/2017 21:30	468000.001	119.293	20.385	268.718	38579.992	42309.098	27.474	28.77	25.92	1.019
10/4/2017 21:45	468900.001	119.32	20.385	268.779	38598.305	42329.344	27.489	28.784	25.908	1.019
10/4/2017 22:00	469800.001	119.331	20.386	268.804	38606.332	42337.371	27.495	28.789	25.902	1.019
10/4/2017 22:15	470700.001	119.343	20.385	268.831	38619.738	42352.688	27.506	28.8	25.893	1.019
10/4/2017 22:30	471600.001	119.352	20.385	268.852	38621.559	42354.996	27.507	28.801	25.892	1.019
10/4/2017 22:45	472500.001	119.377	20.384	268.909	38614.492	42347.793	27.502	28.797	25.897	1.019
10/4/2017 23:00	473400.001	119.377	20.386	268.909	38662.707	42398.805	27.539	28.831	25.865	1.019
10/4/2017 23:15	474300.001	119.381	20.387	268.918	38600.098	42329.52	27.489	28.784	25.907	1.019
10/4/2017 23:30	475200.001	119.39	20.386	268.938	38651.648	42387.531	27.531	28.824	25.872	1.019
10/4/2017 23:45	476100.001	119.39	20.387	268.938	38632.465	42365.484	27.515	28.809	25.885	1.019

Report Date:	10/9/2017 9:50										
Report User Name:	WMassoll										
Report Computer Name:	WKST52										
Application:	WinStu.exe										
Application Version:	5.6.27.1										
Log File Properties											
File Name	MPWSP MW-4M LT Test_2017-10-05_18-41-40-279-BaroMerge.wsl										
Create Date	10/9/2017 9:46										
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								
Used Memory	0		1 (Modbus-RTU)								
Used Battery	14										
Log Configuration											
Log Name	MPWSP MW-4M LT Test										
Created By	ANorris										
Computer Name	PROBOOK10										
Application	WinStu.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	Depth										
Specific Gravity	1.012										
Other Log Settings											
Depth of Probe:	197.555 (ft)										
Head Pressure:	86.6734 (PSI)										
Temperature:	17.9975 (C)										
Specific Conductivity Model:	Standard Methods										
Reference Temperature:	25										
Temperature Coefficient:	0.0191										
TDS Factor:	0.68										
Log Notes:											
Date and Time	Note										
10/1/2016 19:45	Used Battery: 14% Used Memory: 3% User Name: ANorris										
10/2/2016 11:27	Log Download - Used Battery: 14% Used Memory: 3% User Name: ANorris Interval - Start Time: 10/1/2016 7:50:00 PM Stop Time: 10/2/2016 12:30:00 PM										
10/6/2016 17:03	Log Download - Used Battery: 15% Used Memory: 4% User Name: 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										
3/16/2017 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: 5/1/2017 10:00:00 PM Stop Time: 5/4/2017 2:05:00 PM										
5/11/2017 7:07	Log Download - Used Battery: 38% Used Memory: 79% User Name: AVanHaitsma Interval - Start Time: 5/9/2017 10:00:00 PM Stop Time: 5/11/2017 7:00:00 AM										
5/11/2017 7:21	Log Download - Used Battery: 38% Used Memory: 79% User Name: AVanHaitsma Interval - Start Time: 5/11/2017 7:15:00 AM										
5/18/2017 18:41	Log Download - Used Battery: 38% Used Memory: 82% User Name: WMassoll Interval - Start Time: 5/10/2017 10:00:00 PM Stop Time: 5/18/2017 7:40:00 PM										
5/25/2017 7:00	Log Download - Used Battery: 39% Used Memory: 84% User Name: AVanHaitsma Interval - Start Time: 5/17/2017 10:00:00 PM Stop Time: 5/25/2017 8:00:00 AM										
6/1/2017 18:03	Log Download - Used Battery: 40% Used Memory: 87% User Name: WMassoll Interval - Start Time: 4/30/2017 10:00:00 PM Stop Time: 6/1/2017 7:00:00 PM										
6/8/2017 17:21	Log Download - Used Battery: 41% Used Memory: 90% User Name: WMassoll Interval - Start Time: 5/31/2017 10:00:00 PM Stop Time: 6/8/2017 6:20:00 PM										
6/15/2017 7:10	Log Download - Used Battery: 41% Used Memory: 92% User Name: AVanHaitsma Interval - Start Time: 6/7/2017 10:00:00 PM Stop Time: 6/15/2017 8:05:00 AM										
6/22/2017 6:31	Log Download - Used Battery: 42% Used Memory: 95% User Name: AVanHaitsma Interval - Start Time: 6/14/2017 10:00:00 PM Stop Time: 6/22/2017 7:30:00 AM										
6/29/2017 15:50	Log Download - Used Battery: 43% Used Memory: 96% User Name: WMassoll Interval - Start Time: 6/21/2017 10:00:00 PM Stop Time: 6/29/2017 4:45:00 PM										
7/6/2017 9:15	Log Download - Used Battery: 44% Used Memory: 100% User Name: AVanHaitsma Interval - Start Time: 5/31/2017 10:00:00 PM Stop Time: 7/6/2017 10:10:00 AM										
7/13/2017 17:37	Log Download - Used Battery: 44% Used Memory: 100% User Name: WMassoll Interval - Start Time: 7/5/2017 10:00:00 PM Stop Time: 7/13/2017 6:35:00 PM										
7/20/2017 17:08	Log Download - Used Battery: 45% Used Memory: 100% User Name: WMassoll Interval - Start Time: 7/12/2017 10:00:00 PM Stop Time: 7/20/2017 6:05:00 PM										
7/27/2017 6:42	Log Download - Used Battery: 46% Used Memory: 100% User Name: AVanHaitsma Interval - Start Time: 7/19/2017 10:00:00 PM Stop Time: 7/27/2017 7:40:00 AM										
8/3/2017 6:21	Log Download - Used Battery: 47% Used Memory: 100% User Name: AVanHaitsma Interval - Start Time: 6/30/2017 10:00:00 PM Stop Time: 8/3/2017 7:20:00 AM										
8/10/2017 15:27	Log Download - Used Battery: 47% Used Memory: 100% User Name: WMassoll Interval - Start Time: 8/2/2017 10:00:00 PM Stop Time: 8/10/2017 4:25:00 PM										
8/17/2017 15:11	Log Download - Used Battery: 48% Used Memory: 100% User Name: AVanHaitsma Interval - Start Time: 8/9/2017 10:00:00 PM Stop Time: 8/17/2017 4:10:00 PM										
8/24/2017 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: 8/31/2017 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										
10/9/2017 9:46	User Note: "Pressure & Level adjusted by baro data from: "MPWSP Barotroll_2017-10-05_19-08-59-078.wsl""										
Log Data:											
Record Count	10040										
Sensors											
2											
1	428901 PCTD 100 PSIA (60.1m/197.3ft)										
2	0 Baro-Adjustment Calc										
Time Zone: Pacific Daylight Time											
Date and Time	Elapsed Time Seconds	Sensor: PCTD(A) 197.3ft SNR: 428901 Corrected Pressure (PSI)	Sensor: PCTD(A) 197.3ft SNR: 428901 Temperature (C)	Sensor: PCTD(A) 197.3ft SNR: 428901 Depth (ft)	Sensor: PCTD(A) 197.3ft SNR: 428901 Actual Conductivity (µS/cm)	Sensor: PCTD(A) 197.3ft SNR: 428901 Specific Conductivity (µS/cm)	Sensor: PCTD(A) 197.3ft SNR: 428901 Salinity (PSU)	Sensor: PCTD(A) 197.3ft SNR: 428901 Total Dissolved Solids (ppm)	Sensor: PCTD(A) 197.3ft SNR: 428901 Resistivity (ohm-cm)	Sensor: PCTD(A) 197.3ft SNR: 428901 Water Density (g/cm3)	Sensor: PCTD(A) 197.3ft SNR: 428901 Barometric Pressure (PSI)
9/28/2017 0:00	2340000	72.778	17.955	165.882	29946.23	34602.418	21.919	23529.646	33.393	1.015	14.692
9/28/2017 0:05	2340300	72.776	17.956	165.88	29941.66	34595.65	21.904	23525.656	33.398	1.015	14.692
9/28/2017 0:10	2340600	72.774	17.955	165.875	29931.484	34585.379	21.907	23518.059	33.41	1.015	14.692
9/28/2017 0:15	2340900	72.791	17.955	165.913	29925.773	34578.59	21.903	23513.443	33.416	1.015	14.693
9/28/2017 0:20	2341200	72.771	17.955	165.867	29945.967	34601.852	21.919	23529.26	33.393	1.015	14.695
9/28/2017 0:25	2341500	72.764	17.955	165.852	29915.457	34566.465	21.894	23505.197	33.428	1.015	14.697
9/28/2017 0:30	2341800	72.778	17.955	165.884	29941.955	34597.289	21.916	23526.158	33.398	1.015	14.699
9/28/2017 0:35	2342100	72.78	17.955	165.888	29933.748	34587.805	21.909	23519.709	33.407	1.015	14.697
9/28/2017 0:40	2342400	72.761	17.955	165.844	29950.244	34606.922	21.922	23532.702	33.389	1.015	14.696
9/28/2017 0:45	2342700	72.778	17.955	165.882	29938.988	34593.719	21.913	23523.729	33.401	1.015	14.694
9/28/2017 0:50	2343000	72.76	17.955	165.842	29922.305	34574.715	21.9	23510.807	33.42	1.015	14.694
9/28/2017 0:55	2343300	72.76	17.955	165.841	29934.609	34588.988	21.91	23520.514	33.406	1.015	14.694
9/28/2017 1:00	2343600	72.757	17.955	165.836	29911.764	34562.332	21.891	23502.389	33.432	1.015	14.694
9/28/2017 1:05	2343900	72.757	17.955	165.835	29909.973	34560.129	21.89	23500.801	33.41	1.015	14.695
9/28/2017 1:10	2344200	72.776	17.955	165.879	29927.906	34581.246	21.904	23515.25	33.412	1.015	14.695
9/28/2017 1:15	2344500	72.776	17.955	165.878	29930.619	34583.984	21.906	23517.111	33.411	1.015	14.695
9/28/2017 1:20	2344800	72.753	17.955	165.827	29936.965	34591.52	21.912	23522.236	33.404	1.015	14.694
9/28/2017 1:25	2345100	72.754	17.955	165.83	29934.975	34589.414	21.91	23520.803	33.406	1.015	14.693
9/28/2017 1:30	2345400	72.774	17.955	165.873	29929.625	34583.098	21.906	23516.506	33.412	1.015	14.692
9/28/2017 1:35	2345700	72.773	17.955	165.872	29940.016	34594.977	21.914	23524.586	33.4	1.015	14.69
9/28/2017 1:40	2346000	72.756	17.955	165.824	29929.279	34582.641	21.905	23516.197	33.416	1.015	14.689
9/28/2017 1:45	2346300	72.776	17.955	165.878	29934.107	34588.078	21.909	23519.895	33.407	1.015	14.687
9/28/2017 1:											

9/28/2017 6:30	2363400	72.779	17.955	165.886	29955.791	34613.535	21.927	23537.207	33.383	1.015	14.7
9/28/2017 6:35	2363700	72.772	17.955	165.87	29941.209	34596.156	21.915	23525.389	33.399	1.015	14.701
9/28/2017 6:40	2364000	72.774	17.955	165.874	29933.242	34587.551	21.909	23519.537	33.408	1.015	14.701
9/28/2017 6:45	2364300	72.791	17.955	165.914	29946.369	34602.777	21.919	23529.891	33.393	1.015	14.702
9/28/2017 6:50	2364600	72.792	17.955	165.914	29921.531	34573.82	21.899	23510.199	33.421	1.015	14.699
9/28/2017 6:55	2364900	72.8	17.955	165.934	29924.297	34577.016	21.902	23512.373	33.418	1.015	14.696
9/28/2017 7:00	2365200	72.785	17.955	165.95	29913.557	34564.938	21.893	23504.16	33.429	1.015	14.694
9/28/2017 7:05	2365500	72.779	17.955	165.887	29930.855	34584.652	21.907	23517.564	33.41	1.015	14.695
9/28/2017 7:10	2365800	72.787	17.955	165.903	29929.898	34583.746	21.906	23516.949	33.411	1.015	14.695
9/28/2017 7:15	2366100	72.786	17.955	165.901	29931.77	34585.781	21.908	23518.334	33.409	1.015	14.696
9/28/2017 7:20	2366400	72.783	17.955	165.895	29932.178	34586.18	21.908	23518.602	33.409	1.015	14.698
9/28/2017 7:25	2366700	72.784	17.955	165.898	29924.688	34577.527	21.902	23512.721	33.417	1.015	14.699
9/28/2017 7:30	2367000	72.784	17.955	165.895	29943.322	34593	21.906	23527.32	33.396	1.015	14.703
9/28/2017 7:35	2367300	72.8	17.955	165.933	29927.799	34580.988	21.904	23515.074	33.414	1.015	14.703
9/28/2017 7:40	2367600	72.78	17.955	165.887	29927.578	34580.406	21.904	23514.678	33.414	1.015	14.706
9/28/2017 7:45	2367900	72.779	17.955	165.887	29935.939	34590.527	21.911	23521.559	33.405	1.015	14.708
9/28/2017 7:50	2368200	72.799	17.955	165.931	29937.5	34592.195	21.912	23522.693	33.403	1.015	14.706
9/28/2017 7:55	2368500	72.781	17.955	165.891	29931.232	34585.031	21.907	23517.824	33.41	1.015	14.703
9/28/2017 8:00	2368800	72.807	17.955	165.949	29930.715	34584.355	21.907	23517.363	33.407	1.015	14.708
9/28/2017 8:05	2369100	72.787	17.955	165.904	29942.129	34597.348	21.916	23526.197	33.398	1.015	14.702
9/28/2017 8:10	2369400	72.788	17.955	165.906	29936.008	34590.414	21.911	23521.484	33.405	1.015	14.703
9/28/2017 8:15	2369700	72.791	17.955	165.913	29913.063	34564.035	21.892	23503.545	33.43	1.015	14.704
9/28/2017 8:20	2370000	72.809	17.954	165.955	29935.975	34590.906	21.911	23521.818	33.405	1.015	14.704
9/28/2017 8:25	2370300	72.786	17.955	165.901	29923.781	34576.344	21.901	23519.916	33.418	1.015	14.705
9/28/2017 8:30	2370600	72.804	17.955	165.943	29930.039	34583.852	21.906	23517.021	33.411	1.015	14.706
9/28/2017 8:35	2370900	72.785	17.955	165.9	29925.617	34578.602	21.903	23513.451	33.416	1.015	14.707
9/28/2017 8:40	2371200	72.782	17.955	165.893	29931.695	34585.293	21.907	23518.002	33.409	1.015	14.707
9/28/2017 8:45	2371500	72.788	17.955	165.907	29934.357	34588.508	21.91	23520.188	33.406	1.015	14.707
9/28/2017 8:50	2371800	72.792	17.955	165.915	29920.023	34572.078	21.898	23509.014	33.422	1.015	14.706
9/28/2017 8:55	2372100	72.788	17.955	165.906	29925.127	34578.035	21.902	23513.064	33.417	1.015	14.704
9/28/2017 9:00	2372400	72.789	17.955	165.909	29932.721	34586.455	21.908	23518.762	33.408	1.015	14.708
9/28/2017 9:05	2372700	72.792	17.955	165.915	29919.041	34570.738	21.897	23508.102	33.424	1.015	14.705
9/28/2017 9:10	2373000	72.789	17.955	165.909	29929.09	34582.555	21.905	23516.139	33.412	1.015	14.707
9/28/2017 9:15	2373300	72.805	17.955	165.946	29941.721	34597.207	21.916	23526.102	33.398	1.015	14.709
9/28/2017 9:20	2373600	72.785	17.955	165.9	29939.326	34594.383	21.914	23524.182	33.401	1.015	14.708
9/28/2017 9:25	2373900	72.787	17.955	165.904	29933.674	34587.648	21.909	23519.602	33.407	1.015	14.708
9/28/2017 9:30	2374200	72.808	17.955	165.952	29918.572	34570.227	21.897	23507.756	33.424	1.015	14.704
9/28/2017 9:35	2374500	72.809	17.955	165.954	29920.836	34572.883	21.899	23509.563	33.422	1.015	14.706
9/28/2017 9:40	2374800	72.79	17.955	165.912	29949.688	34606.613	21.922	23532.5	33.389	1.015	14.705
9/28/2017 9:45	2375100	72.814	17.954	165.966	29946.447	34603.008	21.92	23530.047	33.393	1.015	14.704
9/28/2017 9:50	2375400	72.797	17.955	165.926	29935.791	34590.023	21.911	23521.217	33.405	1.015	14.705
9/28/2017 9:55	2375700	72.811	17.954	165.958	29933.092	34587.512	21.909	23519.508	33.408	1.015	14.706
9/28/2017 10:00	2376000	72.814	17.955	165.965	29941.289	34596.387	21.915	23525.943	33.399	1.015	14.709
9/28/2017 10:05	2376300	72.806	17.955	165.948	29943.25	34598.918	21.917	23527.266	33.397	1.015	14.709
9/28/2017 10:10	2376600	72.806	17.955	165.947	29948.193	34604.629	21.921	23531.148	33.391	1.015	14.71
9/28/2017 10:15	2376900	72.787	17.955	165.903	29948.381	34604.844	21.921	23531.295	33.391	1.015	14.711
9/28/2017 10:20	2377200	72.807	17.955	165.949	29920.271	34572.16	21.898	23509.07	33.422	1.015	14.71
9/28/2017 10:25	2377500	72.788	17.955	165.907	29926.096	34579.094	21.903	23513.785	33.416	1.015	14.709
9/28/2017 10:30	2377800	72.789	17.955	165.953	29938.059	34592.567	21.912	23522.957	33.402	1.015	14.708
9/28/2017 10:35	2378100	72.785	17.955	165.9	29927.197	34580.426	21.904	23514.689	33.414	1.015	14.709
9/28/2017 10:40	2378400	72.788	17.955	165.906	29924.805	34577.605	21.902	23512.773	33.417	1.015	14.709
9/28/2017 10:45	2378700	72.788	17.955	165.906	29944.951	34600.883	21.918	23528.602	33.395	1.015	14.709
9/28/2017 10:50	2379000	72.787	17.955	165.905	29927.76	34581.148	21.904	23515.182	33.414	1.015	14.709
9/28/2017 10:55	2379300	72.786	17.955	165.901	29925.615	34578.406	21.902	23513.316	33.416	1.015	14.709
9/28/2017 11:00	2379600	72.803	17.955	165.941	29943.879	34599.566	21.917	23527.707	33.396	1.015	14.708
9/28/2017 11:05	2379900	72.786	17.955	165.903	29925.338	34578.418	21.902	23513.224	33.417	1.015	14.707
9/28/2017 11:10	2380200	72.787	17.955	165.905	29921.725	34573.969	21.899	23510.299	33.421	1.015	14.707
9/28/2017 11:15	2380500	72.788	17.955	165.906	29927.742	34580.863	21.904	23514.988	33.414	1.015	14.706
9/28/2017 11:20	2380800	72.789	17.955	165.908	29928.783	34582.328	21.905	23515.984	33.413	1.015	14.706
9/28/2017 11:25	2381100	72.79	17.955	165.911	29924.285	34576.602	21.901	23512.09	33.418	1.015	14.706
9/28/2017 11:30	2381400	72.792	17.954	165.915	29924.088	34577.105	21.902	23512.432	33.418	1.015	14.706
9/28/2017 11:35	2381700	72.789	17.955	165.908	29925.684	34578.855	21.903	23513.635	33.416	1.015	14.705
9/28/2017 11:40	2382000	72.788	17.955	165.905	29923.406	34575.855	21.901	23511.584	33.419	1.015	14.705
9/28/2017 11:45	2382300	72.806	17.955	165.948	29940.242	34595.699	21.915	23525.078	33.4	1.015	14.704
9/28/2017 11:50	2382600	72.791	17.955	165.912	29913.539	34564.785	21.893	23504.055	33.43	1.015	14.705
9/28/2017 11:55	2382900	72.808	17.955	165.953	29936.691	34591.34	21.912	23522.111	33.404	1.015	14.705
9/28/2017 12:00	2383200	72.792	17.955	165.916	29923.832	34576.348	21.901	23511.918	33.418	1.015	14.705
9/28/2017 12:05	2383500	72.792	17.954	165.915	29930.793	34584.855	21.907	23517.701	33.41	1.015	14.704
9/28/2017 12:10	2383800	72.787	17.955	165.904	29924.629	34577.402	21.902	23512.637	33.417	1.015	14.704
9/28/2017 12:15	2384100	72.786	17.955	165.902	29929.014	34582.523	21.905	23516.117	33.412	1.015	14.703
9/28/2017 12:20	2384400	72.787	17.955	165.904	29972.197	34632.621	21.94	23550.182	33.364	1.015	14.704
9/28/2017 12:25	2384700	72.808	17.955	165.953	29911.797	34562.703	21.892	23502.641	33.432	1.015	14.705
9/28/2017 12:30	2385000	72.783	17.955	165.895	29938.93	34593.98	21.913	23523.906	33.401	1.015	14.706
9/28/2017 12:35	2385300	72.787	17.955	165.904	29944.121	34598.121	21.918	23528.084	33.396	1.015	14.704
9/28/2017 12:40	2385600	72.807	17.955	165.95	29926.549	34579.617	21.903	23514.141	33.415	1.015	14.701
9/28/2017 12:45	2385900	72.796	17.956	165.924	29942.174	34597.145	21.916	23526.061	33.398	1.015	14.699
9/28/2017 12:50	2386200	72.813	17.955	165.964	29924.895	34577.707	21.902	23512.842	33.417	1.015	14.7
9/28/2017 12:55	2386500	72.789	17.955	165.908	29953.822	34611	21.925	23535.482	33.385	1.015	14.702
9/28/2017 13:00	2386800	72.785	17.955	165.9	29947.881	34604.133	21.92	23530.811	33.391	1.015	14.704
9/28/2017 13:05	2387100	72.787	17.955	165.905	29946.233	34595.695	21.915	23529.836	33.393	1.015	14.706
9/28/2017 13:10	2387400	72.788	17.955	165							

9/29/2017 0:05	2426700	72.732	17.955	165.78	29938.398	34593.367	21.913	23523.49	33.402	1.015	14.713
9/29/2017 0:10	2427000	72.746	17.955	165.811	29945.729	34602.039	21.919	23529.389	33.394	1.015	14.714
9/29/2017 0:15	2427300	72.732	17.955	165.78	29924.93	34577.543	21.902	23512.73	33.417	1.015	14.715
9/29/2017 0:20	2427600	72.734	17.955	165.784	29956.963	34614.82	21.928	23538.078	33.381	1.015	14.712
9/29/2017 0:25	2427900	72.727	17.954	165.767	29952.02	34609.512	21.924	23534.469	33.387	1.015	14.708
9/29/2017 0:30	2428200	72.73	17.954	165.78	29971.699	34632.25	21.94	23549.93	33.365	1.015	14.705
9/29/2017 0:35	2428500	72.745	17.955	165.809	29918.145	34570.102	21.897	23507.072	33.425	1.015	14.716
9/29/2017 0:40	2428800	72.744	17.955	165.806	29951.063	34608.203	21.923	23533.578	33.388	1.015	14.707
9/29/2017 0:45	2429100	72.725	17.955	165.762	29903.783	34553.441	21.885	23496.342	33.441	1.015	14.708
9/29/2017 0:50	2429400	72.724	17.955	165.761	29963.5	34622.109	21.933	23543.035	33.374	1.015	14.711
9/29/2017 0:55	2429700	72.718	17.955	165.746	29915.619	34566.855	21.894	23505.465	33.427	1.015	14.714
9/29/2017 1:00	2430000	72.71	17.955	165.728	29925.441	34598.379	21.902	23513.301	33.416	1.015	14.717
9/29/2017 1:05	2430300	72.714	17.955	165.73	29927.882	34615.363	21.928	23538.449	33.381	1.015	14.715
9/29/2017 1:10	2430600	72.712	17.955	165.732	29950.488	34607.41	21.923	23533.041	33.388	1.015	14.712
9/29/2017 1:15	2430900	72.716	17.955	165.743	29934.068	34588.309	21.909	23520.053	33.407	1.015	14.71
9/29/2017 1:20	2431200	72.709	17.955	165.726	29949.873	34606.492	21.922	23532.416	33.389	1.015	14.711
9/29/2017 1:25	2431500	72.729	17.955	165.772	29933.109	34587.125	21.909	23519.246	33.408	1.015	14.712
9/29/2017 1:30	2431800	72.709	17.954	165.726	29935.525	34590.449	21.911	23521.508	33.405	1.015	14.714
9/29/2017 1:35	2432100	72.707	17.955	165.722	29957.225	34614.93	21.928	23538.152	33.383	1.015	14.713
9/29/2017 1:40	2432400	72.726	17.955	165.766	29945.531	34601.75	21.919	23529.189	33.394	1.015	14.713
9/29/2017 1:45	2432700	72.7	17.955	165.706	29951.936	34609.082	21.924	23534.178	33.387	1.015	14.712
9/29/2017 1:50	2433000	72.705	17.955	165.718	29943.705	34599.309	21.917	23527.531	33.396	1.015	14.713
9/29/2017 1:55	2433300	72.721	17.955	165.753	29955.795	34613.137	21.927	23536.934	33.383	1.015	14.713
9/29/2017 2:00	2433600	72.699	17.955	165.704	29930.461	34583.934	21.906	23517.074	33.411	1.015	14.714
9/29/2017 2:05	2433900	72.7	17.954	165.705	29948.533	34605.418	21.921	23531.686	33.391	1.015	14.713
9/29/2017 2:10	2434200	72.72	17.955	165.751	29923.941	34576.531	21.901	23512.043	33.418	1.015	14.712
9/29/2017 2:15	2434500	72.703	17.955	165.712	29916.844	34568.406	21.896	23506.518	33.426	1.015	14.711
9/29/2017 2:20	2434800	72.7	17.955	165.705	29917.242	34568.922	21.896	23506.869	33.426	1.015	14.71
9/29/2017 2:25	2435100	72.697	17.954	165.699	29941.004	34596.719	21.915	23525.77	33.399	1.015	14.71
9/29/2017 2:30	2435400	72.704	17.955	165.715	29954	34611.469	21.926	23535.799	33.385	1.015	14.709
9/29/2017 2:35	2435700	72.7	17.954	165.705	29933.192	34587.68	21.909	23519.625	33.407	1.015	14.71
9/29/2017 2:40	2436000	72.694	17.955	165.691	29972.639	34632.742	21.94	23550.266	33.364	1.015	14.712
9/29/2017 2:45	2436300	72.699	17.955	165.703	29947.576	34603.973	21.92	23530.703	33.392	1.015	14.713
9/29/2017 2:50	2436600	72.701	17.955	165.707	29932.141	34586.207	21.908	23518.621	33.409	1.015	14.712
9/29/2017 2:55	2436900	72.699	17.955	165.703	29935.85	34590.367	21.911	23521.449	33.405	1.015	14.71
9/29/2017 3:00	2437200	72.7	17.955	165.706	29925.293	34578.035	21.902	23513.064	33.417	1.015	14.709
9/29/2017 3:05	2437500	72.697	17.955	165.704	29947.178	34603.5104	21.92	23530.391	33.392	1.015	14.712
9/29/2017 3:10	2437800	72.718	17.955	165.747	29931.838	34585.859	21.908	23518.385	33.409	1.015	14.711
9/29/2017 3:15	2438100	72.715	17.955	165.739	29927.369	34580.566	21.904	23514.785	33.414	1.015	14.712
9/29/2017 3:20	2438400	72.697	17.955	165.698	29936.014	34590.48	21.911	23521.527	33.405	1.015	14.713
9/29/2017 3:25	2438700	72.69	17.955	165.684	29934.961	34589.598	21.91	23520.928	33.406	1.015	14.714
9/29/2017 3:30	2439000	72.691	17.955	165.686	29935.385	34589.957	21.911	23521.174	33.405	1.015	14.716
9/29/2017 3:35	2439300	72.696	17.955	165.692	29937.223	34592.082	21.912	23522.615	33.412	1.015	14.715
9/29/2017 3:40	2439600	72.692	17.954	165.687	29936.926	34591.941	21.912	23522.52	33.404	1.015	14.714
9/29/2017 3:45	2439900	72.702	17.955	165.71	29916.754	34568.359	21.895	23506.484	33.426	1.015	14.713
9/29/2017 3:50	2440200	72.716	17.954	165.742	29936.393	34591.324	21.911	23522.102	33.404	1.015	14.712
9/29/2017 3:55	2440500	72.721	17.955	165.753	29939.59	34594.613	21.914	23524.34	33.401	1.015	14.712
9/29/2017 4:00	2440800	72.696	17.955	165.697	29946.072	34602.234	21.919	23529.52	33.393	1.015	14.712
9/29/2017 4:05	2441100	72.7	17.954	165.709	29938.639	34593.376	21.912	23523.498	33.402	1.015	14.713
9/29/2017 4:10	2441400	72.713	17.955	165.735	29951.914	34609.059	21.924	23534.16	33.387	1.015	14.714
9/29/2017 4:15	2441700	72.694	17.955	165.693	29924.563	34577.191	21.902	23512.492	33.417	1.015	14.716
9/29/2017 4:20	2442000	72.697	17.955	165.699	29957.779	34615.57	21.928	23538.59	33.38	1.015	14.716
9/29/2017 4:25	2442300	72.716	17.955	165.743	29931.803	34585.691	21.908	23518.27	33.409	1.015	14.716
9/29/2017 4:30	2442600	72.701	17.955	165.709	29962.002	34620.781	21.932	23542.131	33.376	1.015	14.717
9/29/2017 4:35	2442900	72.722	17.955	165.756	29926.373	34579.672	21.903	23514.18	33.415	1.015	14.715
9/29/2017 4:40	2443200	72.722	17.954	165.722	29941.631	34597.508	21.916	23526.307	33.398	1.015	14.718
9/29/2017 4:45	2443500	72.706	17.955	165.72	29955.965	34613.809	21.927	23537.393	33.382	1.015	14.712
9/29/2017 4:50	2443800	72.73	17.954	165.774	29922.209	34574.934	21.9	23510.955	33.42	1.015	14.712
9/29/2017 4:55	2444100	72.712	17.955	165.734	29911.141	34562.012	21.891	23502.168	33.432	1.015	14.711
9/29/2017 5:00	2444400	72.718	17.955	165.747	29939.551	34594.84	21.914	23524.494	33.401	1.015	14.711
9/29/2017 5:05	2444700	72.695	17.955	165.695	29936.264	34591.102	21.911	23523.949	33.404	1.015	14.713
9/29/2017 5:10	2445000	72.719	17.955	165.749	29947.57	34597.409	21.92	23530.746	33.392	1.015	14.716
9/29/2017 5:15	2445300	72.72	17.955	165.752	29946.748	34603.086	21.92	23530.1	33.393	1.015	14.715
9/29/2017 5:20	2445600	72.724	17.955	165.76	29953.91	34611.234	21.925	23535.641	33.385	1.015	14.714
9/29/2017 5:25	2445900	72.726	17.955	165.765	29954.936	34612.617	21.926	23536.58	33.383	1.015	14.714
9/29/2017 5:30	2446200	72.728	17.955	165.77	29965.699	34624.984	21.935	23544.99	33.371	1.015	14.713
9/29/2017 5:35	2446500	72.733	17.954	165.78	29941.83	34597.609	21.916	23526.377	33.398	1.015	14.711
9/29/2017 5:40	2446800	72.744	17.955	165.806	29907.122	34557.305	21.888	23489.969	33.437	1.015	14.718
9/29/2017 5:45	2447100	72.75	17.955	165.819	29953.635	34610.781	21.925	23535.334	33.385	1.015	14.709
9/29/2017 5:50	2447400	72.746	17.955	165.811	29946.82	34603.301	21.92	23530.244	33.393	1.015	14.711
9/29/2017 5:55	2447700	72.748	17.954	165.815	29960.275	34618.984	21.931	23540.91	33.378	1.015	14.713
9/29/2017 6:00	2448000	72.755	17.955	165.83	29916.777	34568.328	21.895	23506.465	33.426	1.015	14.715
9/29/2017 6:05	2448300	72.758	17.955	165.838	29938.844	34593.953	21.913	23523.889	33.401	1.015	14.716
9/29/2017 6:10	2448600	72.757	17.955	165.835	29924.787	34577.583	21.902	23512.756	33.417	1.015	14.716
9/29/2017 6:15	2448900	72.76	17.954	165.843	29931.113	34585.289	21.907	23517.998	33.41	1.015	14.718
9/29/2017 6:20	2449200	72.764	17.954	165.852	29934.49	34589.191	21.91	23520.65	33.406	1.015	14.718
9/29/2017 6:25	2449500	72.766	17.955	165.855	29940.061	34595.43	21.914	23524.893	33.4	1.015	14.718
9/29/2017 6:30	2449800	72.766	17.955	165.855	29955.936	34613.5	21.927	23537.18	33.382	1.015	14.718
9/29/2017 6:35	2450100	72.793	17.955	165.919	29945.326	34601.574	21.919	23529.072	33.394	1.015	14.717
9/29/2017 6:40	2450400	72.774	17.954	165.874	29966.71	34625.82	21.926	23545.559	33.37	1.015	14.719
9/29/2017 6:45	2450700	72.779	17.955	165.885	29940.744	34596.148	21.915	23525.381	33.399	1.0	

9/29/2017 17:40	2490000	72.815	17.955	165.969	29953.512	34610.5	21.925	23535.141	33.385	1.015	14.711
9/29/2017 17:45	2490300	72.819	17.955	165.977	29950.719	34607.676	21.923	23533.223	33.388	1.015	14.709
9/29/2017 17:50	2490600	72.82	17.954	165.979	29939.525	34595.141	21.914	23524.697	33.401	1.015	14.709
9/29/2017 17:55	2490900	72.821	17.955	165.981	29929.777	34583.406	21.906	23516.719	33.412	1.015	14.708
9/29/2017 18:00	2491200	72.818	17.955	165.974	29948.457	34604.992	21.921	23531.395	33.391	1.015	14.707
9/29/2017 18:05	2491500	72.82	17.955	165.979	29963.35	34612.199	21.933	23543.096	33.374	1.015	14.709
9/29/2017 18:10	2491800	72.818	17.955	165.976	29946.257	34602.613	21.923	23529.777	33.393	1.015	14.71
9/29/2017 18:15	2492100	72.817	17.955	165.972	29942.605	34598.371	21.916	23526.895	33.397	1.015	14.712
9/29/2017 18:20	2492400	72.82	17.954	165.98	29934.281	34588.887	21.91	23520.445	33.407	1.015	14.709
9/29/2017 18:25	2492700	72.823	17.955	165.987	29947.258	34603.414	21.92	23530.322	33.392	1.015	14.705
9/29/2017 18:30	2493000	72.823	17.955	165.986	29953.375	34610.617	21.925	23535.221	33.385	1.015	14.702
9/29/2017 18:35	2493300	72.842	17.955	166.029	29951.25	34606.889	21.923	23533.639	33.388	1.015	14.706
9/29/2017 18:40	2493600	72.82	17.955	165.98	29948.328	34604.848	21.921	23531.295	33.391	1.015	14.71
9/29/2017 18:45	2493900	72.82	17.955	165.98	29956.047	34613.762	21.927	23537.359	33.382	1.015	14.713
9/29/2017 18:50	2494200	72.826	17.955	165.994	29945.564	34601.789	21.919	23529.219	33.394	1.015	14.711
9/29/2017 18:55	2494500	72.844	17.955	166.034	29925.094	34577.664	21.902	23512.814	33.417	1.015	14.709
9/29/2017 19:00	2494800	72.826	17.955	165.992	29955.209	34612.602	21.926	23536.57	33.383	1.015	14.707
9/29/2017 19:05	2495100	72.847	17.955	166.04	29942.453	34597.793	21.916	23526.5	33.397	1.015	14.708
9/29/2017 19:10	2495400	72.823	17.954	165.986	29946.806	34603.527	21.92	23530.388	33.392	1.015	14.708
9/29/2017 19:15	2495700	72.841	17.955	166.027	29958.492	34616.727	21.929	23539.375	33.38	1.015	14.709
9/29/2017 19:20	2496000	72.824	17.955	165.989	29949.695	34606.563	21.922	23532.463	33.389	1.015	14.71
9/29/2017 19:25	2496300	72.822	17.955	165.985	29954.813	34612.406	21.926	23536.436	33.384	1.015	14.71
9/29/2017 19:30	2496600	72.838	17.954	166.019	29952.363	34609.906	21.924	23534.736	33.386	1.015	14.71
9/29/2017 19:35	2496900	72.845	17.955	166.037	29929.66	34583.41	21.906	23516.721	33.412	1.015	14.711
9/29/2017 19:40	2497200	72.824	17.955	165.989	29941.313	34596.734	21.915	23525.779	33.399	1.015	14.711
9/29/2017 19:45	2497500	72.826	17.954	166.027	29942.129	34598.016	21.916	23526.625	33.398	1.015	14.711
9/29/2017 19:50	2497800	72.844	17.955	166.034	29943.236	34598.824	21.917	23527.203	33.397	1.015	14.71
9/29/2017 19:55	2498100	72.846	17.954	166.038	29931.184	34585.371	21.907	23518.053	33.41	1.015	14.71
9/29/2017 20:00	2498400	72.828	17.954	165.998	29947.828	34604.734	21.921	23531.219	33.391	1.015	14.709
9/29/2017 20:05	2498700	72.826	17.954	165.992	29930.861	34584.934	21.907	23517.758	33.41	1.015	14.711
9/29/2017 20:10	2499000	72.824	17.954	165.988	29956.146	34614.277	21.928	23537.711	33.382	1.015	14.713
9/29/2017 20:15	2499300	72.822	17.955	165.983	29947.826	34604.461	21.921	23531.035	33.391	1.015	14.715
9/29/2017 20:20	2499600	72.82	17.955	165.979	29946.836	34603.316	21.92	23530.256	33.393	1.015	14.714
9/29/2017 20:25	2499900	72.84	17.954	166.025	29948.166	34605.188	21.921	23531.529	33.391	1.015	14.713
9/29/2017 20:30	2500200	72.821	17.955	165.982	29956.088	34614.008	21.927	23537.527	33.382	1.015	14.712
9/29/2017 20:35	2500500	72.837	17.955	166.019	29944.908	34601.09	21.918	23528.744	33.395	1.015	14.713
9/29/2017 20:40	2500800	72.837	17.954	166.019	29934.352	34599.223	21.915	23520.674	33.406	1.015	14.716
9/29/2017 20:45	2501100	72.841	17.955	166.027	29949.346	34606.09	21.922	23532.143	33.39	1.015	14.713
9/29/2017 20:50	2501400	72.823	17.955	165.986	29944.807	34600.973	21.918	23528.664	33.395	1.015	14.713
9/29/2017 20:55	2501700	72.815	17.955	165.969	29946.268	34602.531	21.919	23529.723	33.393	1.015	14.713
9/29/2017 21:00	2502000	72.821	17.955	165.981	29933.785	34588.039	21.909	23519.869	33.407	1.015	14.713
9/29/2017 21:05	2502300	72.816	17.955	165.971	29939.379	34594.445	21.914	23524.223	33.401	1.015	14.715
9/29/2017 21:10	2502600	72.807	17.955	165.967	29959.598	34567.805	21.93	23540.107	33.378	1.015	14.707
9/29/2017 21:15	2502900	72.831	17.954	166.005	29949.967	34607.137	21.923	23532.854	33.389	1.015	14.72
9/29/2017 21:20	2503200	72.808	17.954	165.953	29956.863	34615.043	21.928	23538.229	33.381	1.015	14.723
9/29/2017 21:25	2503500	72.805	17.954	165.945	29953.543	34611.34	21.925	23535.711	33.385	1.015	14.725
9/29/2017 21:30	2503800	72.805	17.955	165.945	29940.764	34596.242	21.915	23525.445	33.399	1.015	14.727
9/29/2017 21:35	2504100	72.799	17.954	165.931	29951.428	34609.023	21.924	23534.139	33.387	1.015	14.726
9/29/2017 21:40	2504400	72.801	17.955	165.936	29944.746	34601.105	21.918	23528.754	33.395	1.015	14.724
9/29/2017 21:45	2504700	72.799	17.955	165.93	29959.783	34618.219	21.93	23540.391	33.378	1.015	14.722
9/29/2017 21:50	2505000	72.805	17.955	165.946	29958.791	34616.875	21.929	23539.477	33.379	1.015	14.722
9/29/2017 21:55	2505300	72.806	17.955	165.947	29932.41	34586.648	21.908	23518.922	33.409	1.015	14.721
9/29/2017 22:00	2505600	72.802	17.955	165.937	29962.879	34621.855	21.933	23542.861	33.375	1.015	14.72
9/29/2017 22:05	2505900	72.797	17.955	165.928	29950.613	34607.684	21.923	23533.227	33.388	1.015	14.721
9/29/2017 22:10	2506200	72.794	17.955	165.919	29948.184	34604.816	21.921	23531.277	33.391	1.015	14.723
9/29/2017 22:15	2506500	72.798	17.955	165.928	29957.107	34615.188	21.928	23538.23	33.381	1.015	14.724
9/29/2017 22:20	2506800	72.793	17.955	165.918	29957.225	34614.93	21.928	23538.152	33.381	1.015	14.724
9/29/2017 22:25	2507100	72.791	17.955	165.914	29951.156	34607.977	21.923	23533.424	33.388	1.015	14.724
9/29/2017 22:30	2507400	72.793	17.955	165.918	29932.76	34586.852	21.908	23519.061	33.408	1.015	14.724
9/29/2017 22:35	2507700	72.808	17.954	165.952	29956.34	34614.438	21.928	23537.818	33.382	1.015	14.725
9/29/2017 22:40	2508000	72.791	17.955	165.912	29955.387	34589.961	21.911	23521.176	33.405	1.015	14.726
9/29/2017 22:45	2508300	72.785	17.955	165.898	29936.557	34591.299	21.912	23522.141	33.404	1.015	14.728
9/29/2017 22:50	2508600	72.782	17.955	165.892	29945.848	34601.918	21.919	23529.307	33.394	1.015	14.726
9/29/2017 22:55	2508900	72.799	17.955	165.931	29937.594	34592.637	21.912	23522.994	33.403	1.015	14.725
9/29/2017 23:00	2509200	72.806	17.954	165.946	29962.359	34621.328	21.932	23542.506	33.375	1.015	14.723
9/29/2017 23:05	2509500	72.781	17.954	165.89	29950.799	34608.098	21.923	23533.506	33.388	1.015	14.721
9/29/2017 23:10	2509800	72.802	17.955	165.939	29940.184	34595.242	21.914	23524.768	33.4	1.015	14.719
9/29/2017 23:15	2510100	72.781	17.955	165.89	29937.569	34597.969	21.916	23525.621	33.398	1.015	14.728
9/29/2017 23:20	2510400	72.777	17.955	165.882	29943.158	34598.734	21.917	23527.141	33.397	1.015	14.719
9/29/2017 23:25	2510700	72.767	17.955	165.858	29942.887	34598.754	21.917	23527.152	33.397	1.015	14.722
9/29/2017 23:30	2511000	72.764	17.955	165.851	29963.184	34622.078	21.933	23543.014	33.374	1.015	14.725
9/29/2017 23:35	2511300	72.788	17.955	165.906	29937.967	34592.941	21.913	23523.203	33.402	1.015	14.726
9/29/2017 23:40	2511600	72.762	17.955	165.847	29948.707	34605.016	21.921	23531.412	33.39	1.015	14.726
9/29/2017 23:45	2511900	72.762	17.955	165.848	29930.518	34584.262	21.907	23517.299	33.411	1.015	14.726
9/29/2017 23:50	2512200	72.773	17.955	165.872	29933.141	34587.363	21.909	23519.41	33.408	1.015	14.726
9/29/2017 23:55	2512500	72.753	17.955	165.826	29955.775	34613.52	21.927	23537.195	33.383	1.015	14.725
9/30/2017 0:00	2512800	72.752	17.955	165.824	29925.195	34578.055	21.902	23513.078	33.417	1.015	14.725
9/30/2017 0:05	2513100	72.773	17.955	165.872	29932.961	34587.156	21.909	23519.266	33.408	1.015	14.725
9/30/2017 0:10	2513400	72.746	17.954	165.81	29943.096	34599.133	21.917	23527.41	33.397	1.015	14.724
9/30/2017 0:15	2513700	72.749	17.955	165.852	29939.166	34595.053	21.914	23524.643	33.4	1.015	14.724
9/30/2017 0:20											

9/30/2017 11:15	2553300	72781	17955	165.891	29944.865	34600.84	21918	23538.574	33395	1.015	14729
9/30/2017 11:20	2553600	72758	17955	165.837	29961.844	34620.531	21932	23541.961	33376	1.015	14773
9/30/2017 11:25	2553900	72761	17954	165.845	29928.664	34582.457	21905	23516.072	33413	1.015	1473
9/30/2017 11:30	2554200	72757	17954	165.836	29930.902	34585.18	21907	23517.924	33.41	1.015	14731
9/30/2017 11:35	2554500	72759	17954	165.841	29927.332	34581.055	21904	23515.117	33414	1.015	14732
9/30/2017 11:40	2554800	72753	17954	165.826	29947.802	34604.406	21921	23530.996	33392	1.015	14732
9/30/2017 11:45	2555100	72752	17954	165.824	29933.654	34588.164	21909	23519.953	33407	1.015	14733
9/30/2017 11:50	2555400	72753	17955	165.826	29950.799	34607.77	21923	23533.285	33388	1.015	14733
9/30/2017 11:55	2555700	72756	17954	165.834	29940.152	34595.797	21915	23525.145	33.4	1.015	14732
9/30/2017 12:00	2556000	72756	17955	165.832	29933.965	34588.246	21909	23520.008	33407	1.015	14732
9/30/2017 12:05	2556300	72753	17954	165.827	29945.154	34601.449	21919	23528.988	33394	1.015	14732
9/30/2017 12:10	2556600	72752	17955	165.825	29957.572	34615.664	21928	23538.654	33381	1.015	14731
9/30/2017 12:15	2556900	72754	17954	165.83	29948.905	34605.688	21921	23531.855	33.39	1.015	14731
9/30/2017 12:20	2557200	72753	17954	165.827	29946.131	34602.707	21919	23529.842	33393	1.015	1473
9/30/2017 12:25	2557500	72755	17955	165.831	29947.113	34603.438	2192	23530.338	33392	1.015	14729
9/30/2017 12:30	2557800	72757	17954	165.836	29931.338	34585.809	21908	23518.352	33.41	1.015	14728
9/30/2017 12:35	2558100	72755	17955	165.832	29933.979	34588.402	21909	23520.115	33407	1.015	14728
9/30/2017 12:40	2558400	72753	17955	165.827	29934.975	34589.387	2191	23520.803	33406	1.015	14729
9/30/2017 12:45	2558700	72747	17954	165.814	29937.174	34592.227	21912	23522.717	33403	1.015	14729
9/30/2017 12:50	2559000	72769	17955	165.863	29940.52	34595.559	21914	23524.982	33.4	1.015	14726
9/30/2017 12:55	2559300	72755	17955	165.831	29943.289	34599.219	21917	23527.469	33396	1.015	14723
9/30/2017 13:00	2559600	72758	17954	165.838	29948.475	34605.543	21921	23531.771	33391	1.015	1472
9/30/2017 13:05	2559900	72757	17955	165.836	29928.131	34581.703	21905	23515.561	33413	1.015	14721
9/30/2017 13:10	2560200	72748	17954	165.816	29934.715	34589.387	2191	23520.785	33406	1.015	14722
9/30/2017 13:15	2560500	72751	17955	165.823	29936.971	34591.281	21911	23522.074	33404	1.015	14723
9/30/2017 13:20	2560800	72772	17954	165.869	29928.316	34582.059	21905	23515.803	33413	1.015	14721
9/30/2017 13:25	2561100	72772	17955	165.869	29934.443	34588.938	2191	23520.479	33406	1.015	1472
9/30/2017 13:30	2561400	72752	17954	165.823	29936.42	34591.613	21912	23522.299	33404	1.015	14718
9/30/2017 13:35	2561700	72774	17955	165.875	29946.385	34602.797	21919	23529.904	33393	1.015	14719
9/30/2017 13:40	2562000	72.75	17954	165.82	29923.523	34576.52	21901	23512.033	33419	1.015	14719
9/30/2017 13:45	2562300	72749	17954	165.817	29936.43	34591.496	21912	23522.219	33404	1.015	1472
9/30/2017 13:50	2562600	72751	17954	165.823	29937.482	34592.711	21912	23523.045	33403	1.015	14718
9/30/2017 13:55	2562900	72752	17954	165.824	29970.195	34630.383	21939	23548.662	33366	1.015	14715
9/30/2017 14:00	2563200	72772	17955	165.87	29949.707	34606.301	21922	23532.285	33389	1.015	14713
9/30/2017 14:05	2563500	72752	17954	165.825	29936.066	34591.145	21911	23521.98	33405	1.015	14712
9/30/2017 14:10	2563800	72753	17954	165.826	29933.992	34588.879	2191	23520.439	33407	1.015	14711
9/30/2017 14:15	2564100	72.77	17954	165.865	29945.551	34589.463	21.91	23520.83	33406	1.015	14706
9/30/2017 14:20	2564400	72.77	17955	165.866	29931.877	34586.031	21908	23518.504	33409	1.015	14712
9/30/2017 14:25	2564700	72752	17955	165.824	29940.873	34596.367	21915	23525.529	33399	1.015	14712
9/30/2017 14:30	2565000	72751	17955	165.821	29938.373	34593.41	21913	23523.521	33402	1.015	14713
9/30/2017 14:35	2565300	72751	17954	165.822	29934.133	34588.777	21.91	23520.371	33407	1.015	14712
9/30/2017 14:40	2565600	72749	17955	165.818	29954.906	34612.441	21926	23536.463	33384	1.015	1471
9/30/2017 14:45	2565900	72774	17954	165.821	29938.303	34593.521	21913	23523.694	33402	1.015	14709
9/30/2017 14:50	2566200	72755	17954	165.83	29931.344	34585.555	21907	23518.18	33.41	1.015	14708
9/30/2017 14:55	2566500	72757	17954	165.836	29922.791	34575.609	21901	23511.416	33419	1.015	14707
9/30/2017 15:00	2566800	72773	17954	165.871	29936.072	34591.082	21911	23521.936	33405	1.015	14706
9/30/2017 15:05	2567100	72752	17955	165.825	29955.488	34613.316	21927	23537.057	33383	1.015	14706
9/30/2017 15:10	2567400	72775	17955	165.876	29944.623	34600.703	21918	23528.48	33395	1.015	14706
9/30/2017 15:15	2567700	72757	17955	165.825	29939.332	34594.648	21917	23524.963	33401	1.015	14705
9/30/2017 15:20	2568000	72757	17954	165.836	29942.17	34598.199	21916	23526.777	33398	1.015	14706
9/30/2017 15:25	2568300	72754	17954	165.829	29928.266	34582.133	21905	23515.85	33413	1.015	14706
9/30/2017 15:30	2568600	72752	17954	165.825	29933.555	34588.176	21909	23519.961	33407	1.015	14706
9/30/2017 15:35	2568900	72774	17954	165.874	29932.48	34586.934	21908	23519.115	33409	1.015	14707
9/30/2017 15:40	2569200	72753	17954	165.827	29946.488	34603.055	21.92	23530.078	33393	1.015	14708
9/30/2017 15:45	2569500	72754	17954	165.829	29932.854	34587.234	21909	23519.322	33408	1.015	14709
9/30/2017 15:50	2569800	72747	17955	165.814	29919.715	34571.777	21.908	23508.811	33423	1.015	14708
9/30/2017 15:55	2570100	72771	17955	165.868	29931.377	34585.457	21907	23518.111	33.41	1.015	14708
9/30/2017 16:00	2570400	72776	17954	165.878	29940.309	34595.848	21915	23525.178	33.4	1.015	14707
9/30/2017 16:05	2570700	72758	17954	165.839	29925.627	34579.012	21903	23513.729	33416	1.015	14706
9/30/2017 16:10	2571000	72776	17954	165.879	29940.32	34596.121	21915	23525.363	33.4	1.015	14705
9/30/2017 16:15	2571300	72758	17955	165.838	29929.6	34583.344	21906	23516.674	33412	1.015	14703
9/30/2017 16:20	2571600	72765	17954	165.823	29929.973	34584.254	21907	23517.281	33411	1.015	14704
9/30/2017 16:25	2571900	72.76	17954	165.843	29936.404	34591.34	21911	23522.111	33404	1.015	14701
9/30/2017 16:30	2572200	72761	17954	165.845	29939.232	34594.734	21914	23524.422	33401	1.015	14.7
9/30/2017 16:35	2572500	72763	17954	165.85	29931.619	34586.066	21908	23518.525	33409	1.015	14698
9/30/2017 16:40	2572800	72788	17955	165.906	29936.926	34591.867	21912	23522.473	33404	1.015	14696
9/30/2017 16:45	2573100	72774	17955	165.874	29940.316	34595.449	21914	23524.908	33.4	1.015	14695
9/30/2017 16:50	2573400	72.79	17955	165.813	29934.133	34588.617	21.915	23520.262	33407	1.015	14697
9/30/2017 16:55	2573700	72791	17954	165.912	29935.193	34589.938	21911	23521.16	33405	1.015	14694
9/30/2017 17:00	2574000	72775	17954	165.877	29936.637	34591.934	21912	23522.516	33404	1.015	14694
9/30/2017 17:05	2574300	72773	17955	165.873	29947.201	34603.68	21.92	23530.502	33392	1.015	14693
9/30/2017 17:10	2574600	72779	17955	165.885	29926.959	34580.148	21904	23514.504	33415	1.015	14692
9/30/2017 17:15	2574900	72778	17954	165.884	29936.018	34590.957	21911	23521.852	33405	1.015	14692
9/30/2017 17:20	2575200	72799	17954	165.931	29941.043	34596.763	21915	23525.801	33399	1.015	14699
9/30/2017 17:25	2575500	72804	17955	165.942	29934.494	34588.996	21.91	23520.52	33406	1.015	14691
9/30/2017 17:30	2575800	72785	17954	165.9	29942.016	34597.82	21916	23526.518	33398	1.015	14691
9/30/2017 17:35	2576100	72797	17954	165.928	29933.721	34588.496	21.91	23520.18	33407	1.015	14692
9/30/2017 17:40	2576400	72783	17954	165.896	29929.725	34583.75	21906	23516.953	33412	1.015	14692
9/30/2017 17:45	2576700	72781	17955	165.891	29935.117	34589.777	21.91	23521.049	33406	1.015	14693
9/30/2017 17:50	2577000	72779	17954	165.887	29937.43	34592.521	21912	23522.916	33403	1.015	14697
9/30/2017 17:55	2577300	72788	17954	165.906	29932.156	34609.797	21924	23534.664	33387	1.015	14689
9/30/2017 18:00	2577600	72799	17954	165.93	29935.135	34590.129	21911	23521.287	33406	1.015	14684
9/30/2017 18:05	2577900	72797	17954	165.927	29936.779	34592.098	21912	2			

10/1/2017 4:50	2616600	72.685	17954	165.671	29932.557	34587.148	21.909	23519.262	33.408	1.015	14.685
10/1/2017 4:55	2616900	72.681	17954	165.662	29942.277	34598.125	21.916	23526.727	33.398	1.015	14.686
10/1/2017 5:00	2617200	72.699	17954	165.704	29928.182	34581.965	21.905	23515.738	33.413	1.015	14.687
10/1/2017 5:05	2617500	72.681	17954	165.662	29933.619	34588.316	21.909	23520.057	33.407	1.015	14.69
10/1/2017 5:10	2617800	72.683	17954	165.667	29940.16	34595.742	21.915	23525.105	33.4	1.015	14.692
10/1/2017 5:15	2618100	72.701	17955	165.708	29933.902	34588.413	21.909	23520.055	33.397	1.015	14.695
10/1/2017 5:20	2618400	72.701	17954	165.707	29938.264	34593.489	21.912	23523.572	33.402	1.015	14.696
10/1/2017 5:25	2618700	72.676	17954	165.651	29937.33	34592.406	21.912	23522.836	33.403	1.015	14.698
10/1/2017 5:30	2619000	72.678	17954	165.656	29942.889	34599.09	21.917	23527.383	33.397	1.015	14.699
10/1/2017 5:35	2619300	72.686	17954	165.673	29933.197	34587.832	21.909	23519.729	33.408	1.015	14.695
10/1/2017 5:40	2619600	72.703	17954	165.712	29941.395	34597.105	21.916	23526.031	33.399	1.015	14.691
10/1/2017 5:45	2619900	72.691	17954	165.686	29942.703	34598.813	21.917	23527.195	33.397	1.015	14.687
10/1/2017 5:50	2620200	72.708	17954	165.725	29933.016	34587.422	21.909	23519.449	33.408	1.015	14.69
10/1/2017 5:55	2620500	72.686	17954	165.673	29942.762	34598.75	21.917	23527.15	33.397	1.015	14.692
10/1/2017 6:00	2620800	72.706	17954	165.72	29929.234	34583.184	21.906	23516.564	33.412	1.015	14.695
10/1/2017 6:05	2621100	72.708	17954	165.724	29936.502	34591.707	21.912	23522.361	33.404	1.015	14.694
10/1/2017 6:10	2621400	72.693	17954	165.689	29926.291	34579.652	21.903	23514.166	33.415	1.015	14.693
10/1/2017 6:15	2621700	72.695	17954	165.694	29946.68	34603.809	21.92	23530.59	33.393	1.015	14.693
10/1/2017 6:20	2622000	72.719	17954	165.75	29931.924	34586.227	21.908	23518.637	33.409	1.015	14.692
10/1/2017 6:25	2622300	72.698	17954	165.701	29943.342	34599.551	21.917	23527.697	33.396	1.015	14.691
10/1/2017 6:30	2622600	72.699	17954	165.704	29922.025	34574.789	21.9	23510.859	33.42	1.015	14.69
10/1/2017 6:35	2622900	72.722	17954	165.756	29934.922	34589.824	21.91	23521.082	33.406	1.015	14.692
10/1/2017 6:40	2623200	72.701	17954	165.708	29949.402	34606.484	21.922	23532.412	33.39	1.015	14.694
10/1/2017 6:45	2623500	72.704	17954	165.714	29937.721	34593.313	21.913	23525.455	33.403	1.015	14.693
10/1/2017 6:50	2623800	72.706	17954	165.72	29942.447	34598.281	21.916	23526.832	33.398	1.015	14.699
10/1/2017 6:55	2624100	72.703	17954	165.713	29941.045	34597.098	21.915	23526.027	33.399	1.015	14.702
10/1/2017 7:00	2624400	72.705	17954	165.717	29957.262	34615.637	21.928	23538.633	33.381	1.015	14.705
10/1/2017 7:05	2624700	72.703	17954	165.713	29930.002	34584.395	21.907	23517.389	33.411	1.015	14.705
10/1/2017 7:10	2625000	72.708	17954	165.723	29947.701	34604.988	21.921	23531.393	33.392	1.015	14.705
10/1/2017 7:15	2625300	72.725	17954	165.763	29911.09	34562.152	21.891	23502.264	33.432	1.015	14.704
10/1/2017 7:20	2625600	72.711	17954	165.73	29936.287	34591.203	21.911	23522.018	33.404	1.015	14.703
10/1/2017 7:25	2625900	72.735	17954	165.785	29945.242	34601.809	21.919	23529.232	33.394	1.015	14.701
10/1/2017 7:30	2626200	72.717	17955	165.744	29925.891	34579.117	21.903	23513.801	33.416	1.015	14.7
10/1/2017 7:35	2626500	72.721	17954	165.754	29950.578	34607.973	21.923	23533.422	33.388	1.015	14.701
10/1/2017 7:40	2626800	72.722	17954	165.756	29928.508	34582.539	21.905	23516.129	33.413	1.015	14.702
10/1/2017 7:45	2627100	72.719	17954	165.75	29941.971	34598.227	21.916	23526.797	33.398	1.015	14.703
10/1/2017 7:50	2627400	72.706	17954	165.765	29946.982	34603.563	21.92	23520.423	33.392	1.015	14.702
10/1/2017 7:55	2627700	72.73	17954	165.773	29938.535	34593.93	21.913	23523.875	33.402	1.015	14.703
10/1/2017 8:00	2628000	72.729	17954	165.772	29942.217	34598.313	21.916	23526.855	33.398	1.015	14.703
10/1/2017 8:05	2628300	72.73	17955	165.774	29921.559	34573.98	21.899	23510.307	33.421	1.015	14.704
10/1/2017 8:10	2628600	72.73	17954	165.774	29940.592	34596.504	21.915	23525.623	33.399	1.015	14.706
10/1/2017 8:15	2628900	72.753	17954	165.826	29924.834	34577.969	21.902	23513.021	33.417	1.015	14.705
10/1/2017 8:20	2629200	72.746	17954	165.81	29942.773	34592.944	21.925	23535.328	33.386	1.015	14.706
10/1/2017 8:25	2629500	72.749	17954	165.817	29942.986	34599.398	21.917	23527.594	33.397	1.015	14.711
10/1/2017 8:30	2629800	72.731	17954	165.777	29944.766	34601.129	21.918	23528.768	33.395	1.015	14.713
10/1/2017 8:35	2630100	72.732	17954	165.778	29933.934	34588.809	21.91	23520.391	33.407	1.015	14.712
10/1/2017 8:40	2630400	72.732	17954	165.779	29952.861	34610.418	21.925	23535.086	33.386	1.015	14.712
10/1/2017 8:45	2630700	72.738	17954	165.792	29942.617	34598.516	21.917	23526.99	33.397	1.015	14.711
10/1/2017 8:50	2631000	72.739	17954	165.794	29937.477	34592.602	21.913	23523.174	33.403	1.015	14.709
10/1/2017 8:55	2631300	72.74	17954	165.797	29950.004	34607.449	21.923	23533.068	33.389	1.015	14.706
10/1/2017 9:00	2631600	72.752	17954	165.824	29923.146	34576.148	21.901	23511.781	33.419	1.015	14.703
10/1/2017 9:05	2631900	72.748	17954	165.814	29938.184	34593.793	21.913	23523.781	33.402	1.015	14.704
10/1/2017 9:10	2632200	72.747	17954	165.813	29944.006	34600.379	21.918	23528.26	33.396	1.015	14.704
10/1/2017 9:15	2632500	72.769	17954	165.863	29936.83	34592.285	21.912	23522.754	33.404	1.015	14.705
10/1/2017 9:20	2632800	72.75	17954	165.82	29944.039	34600.418	21.918	23528.285	33.396	1.015	14.705
10/1/2017 9:25	2633100	72.757	17954	165.836	29939.473	34595.012	21.914	23524.609	33.401	1.015	14.709
10/1/2017 9:30	2633400	72.757	17954	165.835	29936.479	34591.68	21.912	23522.342	33.404	1.015	14.705
10/1/2017 9:35	2633700	72.757	17954	165.836	29942.713	34599.027	21.917	23527.34	33.397	1.015	14.706
10/1/2017 9:40	2634000	72.752	17954	165.825	29935.473	34590.66	21.911	23521.65	33.405	1.015	14.707
10/1/2017 9:45	2634300	72.776	17954	165.879	29932.057	34586.441	21.908	23518.781	33.409	1.015	14.707
10/1/2017 9:50	2634600	72.754	17954	165.829	29925.336	34578.547	21.903	23513.412	33.417	1.015	14.707
10/1/2017 9:55	2634900	72.757	17954	165.826	29948.451	34595.398	21.921	23531.674	33.391	1.015	14.704
10/1/2017 10:00	2635200	72.775	17954	165.876	29952.092	34610.125	21.925	23534.885	33.387	1.015	14.707
10/1/2017 10:05	2635500	72.755	17954	165.831	29950.881	34608.129	21.923	23533.529	33.388	1.015	14.705
10/1/2017 10:10	2635800	72.763	17954	165.849	29950.303	34607.93	21.923	23533.395	33.389	1.015	14.703
10/1/2017 10:15	2636100	72.762	17954	165.848	29937.365	34592.848	21.913	23523.139	33.403	1.015	14.7
10/1/2017 10:20	2636400	72.763	17954	165.85	29929.631	34583.711	21.906	23516.926	33.412	1.015	14.701
10/1/2017 10:25	2636700	72.767	17954	165.859	29936.391	34591.52	21.912	23522.236	33.404	1.015	14.705
10/1/2017 10:30	2637000	72.762	17954	165.848	29936.168	34591.324	21.911	23522.102	33.404	1.015	14.703
10/1/2017 10:35	2637300	72.764	17954	165.852	29920.617	34573.352	21.899	23509.881	33.422	1.015	14.702
10/1/2017 10:40	2637600	72.764	17954	165.851	29961.094	34619.867	21.931	23541.512	33.377	1.015	14.702
10/1/2017 10:45	2637900	72.763	17954	165.848	29934.203	34589.121	21.91	23520.605	33.407	1.015	14.702
10/1/2017 10:50	2638200	72.765	17954	165.853	29932.662	34587.211	21.909	23519.305	33.408	1.015	14.7
10/1/2017 10:55	2638500	72.767	17954	165.858	29934.551	34589.523	21.92	23520.477	33.406	1.015	14.699
10/1/2017 11:00	2638800	72.766	17954	165.857	29927.836	34581.438	21.905	23515.379	33.414	1.015	14.695
10/1/2017 11:05	2639100	72.772	17954	165.87	29953.32	34611.012	21.925	23535.49	33.385	1.015	14.694
10/1/2017 11:10	2639400	72.773	17954	165.871	29942.807	34599.191	21.917	23527.453	33.397	1.015	14.692
10/1/2017 11:15	2639700	72.79	17954	165.911	29934.322	34589.332	21.91	23520.748	33.406	1.015	14.691
10/1/2017 11:20	2640000	72.773	17954	165.873	29939.316	34594.832	21.914	23524.486	33.401	1.015	14.692
10/1/2017 11:25	2640300	72.794	17954	165.92	29940.546	34596.542	21.915	23525.668	33.4	1.015	14.694
10/1/2017 11:30	2640600	72.77	17954	165.865	29939.475	34595.016	21.914	23524.613	33.401	1.015	14.695
10/1											

10/1/2017 22:25	2679900	72.856	17.953	166.062	29946.57	34603.949	21.92	23530.688	33.393	1.015	14.648
10/1/2017 22:30	2680200	72.832	17.954	166.007	29948.908	34606.242	21.922	23532.246	33.39	1.015	14.649
10/1/2017 22:35	2680500	72.833	17.954	166.008	29944.734	34601.559	21.919	23529.063	33.395	1.015	14.646
10/1/2017 22:40	2680800	72.858	17.954	166.065	29927.539	34581.754	21.905	23515.594	33.414	1.015	14.644
10/1/2017 22:45	2681100	72.841	17.954	166.026	29920.869	34573.785	21.899	23510.176	33.421	1.015	14.642
10/1/2017 22:50	2681400	72.857	17.954	166.064	29926.453	34580.238	21.904	23514.564	33.415	1.015	14.641
10/1/2017 22:55	2681700	72.834	17.954	166.015	29938.072	34593.664	21.913	23523.693	33.402	1.015	14.643
10/1/2017 23:00	2682000	72.834	17.954	166.011	29934.676	34589.598	21.91	23520.928	33.406	1.015	14.647
10/1/2017 23:05	2682300	72.855	17.954	166.058	29942.145	34598.367	21.916	23526.893	33.398	1.015	14.644
10/1/2017 23:10	2682600	72.834	17.954	166.012	29939.332	34594.977	21.914	23524.586	33.401	1.015	14.642
10/1/2017 23:15	2682900	72.84	17.954	166.024	29923.096	34576.359	21.901	23511.924	33.419	1.015	14.639
10/1/2017 23:20	2683200	72.831	17.954	166.008	29926.717	34580.469	21.904	23514.719	33.415	1.015	14.641
10/1/2017 23:25	2683500	72.851	17.954	166.051	29951.014	34608.547	21.923	23533.813	33.388	1.015	14.642
10/1/2017 23:30	2683800	72.843	17.954	166.032	29935.426	34590.535	21.911	23521.566	33.405	1.015	14.643
10/1/2017 23:35	2684100	72.823	17.954	165.986	29921.611	34574.641	21.9	23510.758	33.421	1.015	14.641
10/1/2017 23:40	2684400	72.825	17.954	165.991	29931.764	34586.234	21.908	23518.641	33.409	1.015	14.639
10/1/2017 23:45	2684700	72.823	17.954	165.985	29937.059	34592.625	21.912	23522.986	33.403	1.015	14.637
10/1/2017 23:50	2685000	72.844	17.954	166.034	29935.742	34591.168	21.911	23521.996	33.405	1.015	14.637
10/1/2017 23:55	2685300	72.828	17.954	165.989	29940.072	34595.973	21.915	23525.264	33.4	1.015	14.637
10/2/2017 0:00	2685600	72.824	17.954	165.989	29936.059	34591.469	21.912	23522.199	33.405	1.015	14.637
10/2/2017 0:05	2685900	72.826	17.954	165.992	29946.195	34603.184	21.92	23530.166	33.393	1.015	14.638
10/2/2017 0:10	2686200	72.82	17.954	165.979	29915.93	34568.273	21.895	23506.428	33.427	1.015	14.64
10/2/2017 0:15	2686500	72.813	17.954	165.963	29949.676	34607.07	21.922	23532.811	33.389	1.015	14.641
10/2/2017 0:20	2686800	72.807	17.954	165.95	29940.008	34596.16	21.915	23525.391	33.4	1.015	14.641
10/2/2017 0:25	2687100	72.81	17.954	165.956	29947.031	34597.051	21.915	23525.984	33.399	1.015	14.642
10/2/2017 0:30	2687400	72.831	17.954	166.005	29917.256	34592.719	21.912	23523.051	33.403	1.015	14.642
10/2/2017 0:35	2687700	72.803	17.954	165.941	29950.898	34608.617	21.924	23533.861	33.388	1.015	14.644
10/2/2017 0:40	2688000	72.799	17.954	165.932	29946.158	34602.934	21.92	23529.994	33.393	1.015	14.646
10/2/2017 0:45	2688300	72.798	17.954	165.928	29936.803	34592.055	21.912	23522.598	33.404	1.015	14.649
10/2/2017 0:50	2688600	72.795	17.954	165.923	29938.293	34593.977	21.913	23529.904	33.402	1.015	14.644
10/2/2017 0:55	2688900	72.799	17.953	165.931	29936.076	34591.746	21.912	23522.389	33.405	1.015	14.639
10/2/2017 1:00	2689200	72.825	17.954	165.991	29936.578	34591.938	21.912	23522.518	33.404	1.015	14.634
10/2/2017 1:05	2689500	72.799	17.954	165.932	29933.563	34588.715	21.91	23520.326	33.407	1.015	14.636
10/2/2017 1:10	2689800	72.808	17.954	165.953	29941.508	34597.832	21.916	23526.527	33.398	1.015	14.637
10/2/2017 1:15	2690100	72.788	17.954	165.905	29930.563	34585.117	21.907	23517.881	33.411	1.015	14.639
10/2/2017 1:20	2690400	72.784	17.954	165.897	29938.168	34593.633	21.907	23523.67	33.402	1.015	14.638
10/2/2017 1:25	2690700	72.804	17.954	165.942	29900.162	34591.164	21.913	23521.313	33.406	1.015	14.638
10/2/2017 1:30	2691000	72.797	17.954	165.926	29930.541	34584.563	21.913	23517.504	33.411	1.015	14.637
10/2/2017 1:35	2691300	72.778	17.954	165.884	29935.152	34590.621	21.911	23521.623	33.406	1.015	14.638
10/2/2017 1:40	2691600	72.773	17.954	165.872	29923.596	34577.07	21.902	23512.41	33.418	1.015	14.64
10/2/2017 1:45	2691900	72.771	17.954	165.868	29915.787	34567.84	21.895	23506.133	33.427	1.015	14.641
10/2/2017 1:50	2692200	72.789	17.954	165.91	29945.498	34602.242	21.919	23529.525	33.394	1.015	14.64
10/2/2017 1:55	2692500	72.769	17.954	165.864	29945.594	34595.066	21.928	23528.248	33.382	1.015	14.638
10/2/2017 2:00	2692800	72.768	17.954	165.86	29944.527	34600.922	21.918	23528.627	33.395	1.015	14.639
10/2/2017 2:05	2693100	72.769	17.954	165.863	29924.855	34578.59	21.903	23513.443	33.417	1.015	14.638
10/2/2017 2:10	2693400	72.779	17.954	165.886	29942.322	34598.773	21.917	23527.166	33.398	1.015	14.64
10/2/2017 2:15	2693700	72.756	17.954	165.833	29943.289	34599.75	21.917	23527.832	33.396	1.015	14.641
10/2/2017 2:20	2694000	72.757	17.954	165.835	29925.551	34579.25	21.903	23513.891	33.416	1.015	14.642
10/2/2017 2:25	2694300	72.757	17.954	165.836	29940.152	34590.152	21.905	23521.305	33.405	1.015	14.643
10/2/2017 2:30	2694600	72.751	17.954	165.823	29941.566	34597.898	21.916	23526.57	33.398	1.015	14.643
10/2/2017 2:35	2694900	72.749	17.954	165.818	29959.211	34618.02	21.93	23540.254	33.379	1.015	14.643
10/2/2017 2:40	2695200	72.747	17.954	165.813	29933.965	34589.051	21.91	23520.555	33.407	1.015	14.642
10/2/2017 2:45	2695500	72.769	17.954	165.862	29944.869	34601.715	21.919	23529.168	33.395	1.015	14.641
10/2/2017 2:50	2695800	72.767	17.954	165.859	29929.391	34583.559	21.906	23516.82	33.412	1.015	14.64
10/2/2017 2:55	2696100	72.744	17.954	165.807	29930.01	34584.012	21.906	23517.131	33.411	1.015	14.639
10/2/2017 3:00	2696400	72.742	17.954	165.802	29926.502	34580.023	21.904	23514.418	33.415	1.015	14.639
10/2/2017 3:05	2696700	72.733	17.954	165.781	29918.082	34570.699	21.897	23508.078	33.425	1.015	14.639
10/2/2017 3:10	2697000	72.737	17.954	165.79	29937.445	34593.27	21.913	23523.424	33.403	1.015	14.64
10/2/2017 3:15	2697300	72.733	17.954	165.782	29935.123	34590.113	21.911	23521.279	33.406	1.015	14.641
10/2/2017 3:20	2697600	72.733	17.954	165.781	29933.74	34588.918	21.91	23520.467	33.407	1.015	14.64
10/2/2017 3:25	2697900	72.729	17.954	165.772	29938.07	34593.59	21.913	23523.641	33.402	1.015	14.638
10/2/2017 3:30	2698200	72.736	17.954	165.786	29922.894	34576.027	21.903	23511.699	33.419	1.015	14.639
10/2/2017 3:35	2698500	72.729	17.954	165.773	29927.443	34581.047	21.904	23515.111	33.414	1.015	14.637
10/2/2017 3:40	2698800	72.731	17.954	165.777	29922.648	34575.641	21.901	23511.436	33.42	1.015	14.636
10/2/2017 3:45	2699100	72.732	17.954	165.778	29927.471	34581.469	21.905	23515.4	33.414	1.015	14.636
10/2/2017 3:50	2699400	72.749	17.953	165.818	29948.697	34606.406	21.922	23532.357	33.39	1.015	14.636
10/2/2017 3:55	2699700	72.727	17.954	165.767	29911.768	34563.531	21.892	23503.203	33.432	1.015	14.635
10/2/2017 4:00	2700000	72.746	17.954	165.811	29947.954	34591.758	21.916	23515.596	33.398	1.015	14.638
10/2/2017 4:05	2700300	72.723	17.954	165.757	29946.406	34602.961	21.92	23530.014	33.393	1.015	14.635
10/2/2017 4:10	2700600	72.745	17.953	165.807	29918.246	34571.281	21.897	23508.473	33.424	1.015	14.634
10/2/2017 4:15	2700900	72.726	17.954	165.765	29923.061	34576.246	21.901	23511.848	33.419	1.015	14.634
10/2/2017 4:20	2701200	72.743	17.954	165.805	29943.145	34599.785	21.917	23527.785	33.397	1.015	14.634
10/2/2017 4:25	2701500	72.743	17.954	165.805	29955.246	34613.707	21.927	23537.32	33.383	1.015	14.634
10/2/2017 4:30	2701800	72.728	17.954	165.759	29949.639	34607.359	21.923	23533.004	33.389	1.015	14.634
10/2/2017 4:35	2702100	72.731	17.954	165.776	29923.615	34576.887	21.901	23512.285	33.418	1.015	14.636
10/2/2017 4:40	2702400	72.74	17.954	165.796	29942.32	34598.5	21.916	23526.98	33.398	1.015	14.637
10/2/2017 4:45	2702700	72.721	17.954	165.755	29937.758	34593.102	21.913	23523.311	33.403	1.015	14.639
10/2/2017 4:50	2703000	72.72	17.954	165.751	29923.234	34576.52	21.901	23512.033	33.419	1.015	14.64
10/2/2017 4:55	2703300	72.738	17.954	165.793	29924.609	34578.105	21.902	23513.113	33.417	1.015	14.641
10/2/2017 5:00	2703600	72.717	17.954	165.747	29917.535	34581.75	21.905	23515.59	33.414	1.015	14.641
10/2/2017 5:05	2703900	72.714	17.954	165.737	29936.199						

10/2/2017 16:00	2743200	72772	17954	165.869	29931.166	34585.684	21.908	23518.268	33.41	1.015	14.636
10/2/2017 16:05	2743500	72772	17953	165.87	29931.018	34586.039	21.908	23518.508	33.41	1.015	14.636
10/2/2017 16:10	2743800	72776	17954	165.879	29925.238	34579.094	21.903	23513.785	33.417	1.015	14.636
10/2/2017 16:15	2744100	72768	17954	165.861	29924.283	34577.992	21.902	23513.037	33.418	1.015	14.635
10/2/2017 16:20	2744400	72772	17954	165.87	29910.588	34562.168	21.891	23502.277	33.433	1.015	14.635
10/2/2017 16:25	2744700	72771	17954	165.867	29930.375	34564.77	21.907	23517.643	33.411	1.015	14.634
10/2/2017 16:30	2745000	72788	17954	165.907	29948.555	34605.602	21.903	23511.809	33.391	1.015	14.639
10/2/2017 16:35	2745300	72766	17954	165.856	29941.072	34597.461	21.916	23526.273	33.399	1.015	14.633
10/2/2017 16:40	2745600	72.77	17954	165.866	29917.369	34569.602	21.896	23507.332	33.425	1.015	14.633
10/2/2017 16:45	2745900	72767	17954	165.858	29940.938	34597.031	21.915	23525.984	33.399	1.015	14.633
10/2/2017 16:50	2746200	72776	17954	165.879	29931.355	34585.902	21.908	23518.416	33.41	1.015	14.631
10/2/2017 16:55	2746500	72.795	17954	165.922	29914.836	34566.343	21.894	23505.25	33.428	1.015	14.628
10/2/2017 17:00	2746800	72779	17954	165.886	29922.865	34576.227	21.901	23511.886	33.419	1.015	14.626
10/2/2017 17:05	2747100	72774	17954	165.875	29924.42	34578.02	21.902	23513.055	33.418	1.015	14.629
10/2/2017 17:10	2747400	72774	17954	165.875	29932.865	34587.844	21.909	23519.734	33.408	1.015	14.632
10/2/2017 17:15	2747700	72769	17954	165.864	29921.428	34574.691	21.9	23510.791	33.421	1.015	14.636
10/2/2017 17:20	2748000	72772	17954	165.87	29915.213	34567.578	21.895	23505.955	33.428	1.015	14.636
10/2/2017 17:25	2748300	72772	17954	165.869	29944.02	34600.734	21.918	23528.502	33.396	1.015	14.636
10/2/2017 17:30	2748600	72772	17954	165.871	29933.221	34588.254	21.909	23520.016	33.408	1.015	14.637
10/2/2017 17:35	2748900	72789	17954	165.908	29941.299	34597.25	21.916	23526.133	33.399	1.015	14.635
10/2/2017 17:40	2749200	72794	17954	165.92	29917.232	34569.641	21.896	23507.357	33.426	1.015	14.634
10/2/2017 17:45	2749500	72777	17953	165.881	29925.809	34580.02	21.904	23514.416	33.416	1.015	14.633
10/2/2017 17:50	2749800	72797	17954	165.927	29940.484	34596.781	21.915	23525.813	33.4	1.015	14.634
10/2/2017 17:55	2750100	72777	17954	165.88	29938.342	34594.238	21.913	23524.084	33.402	1.015	14.635
10/2/2017 18:00	2750400	72777	17954	165.88	29942.449	34598.52	21.917	23526.994	33.397	1.015	14.637
10/2/2017 18:05	2750700	72796	17954	165.924	29949.58	34606.961	21.922	23527.736	33.389	1.015	14.636
10/2/2017 18:10	2751000	72781	17954	165.891	29923.822	34577.332	21.902	23512.586	33.418	1.015	14.635
10/2/2017 18:15	2751300	72803	17954	165.941	29927.828	34581.883	21.905	23515.68	33.414	1.015	14.634
10/2/2017 18:20	2751600	72786	17954	165.901	29939.443	34595.578	21.914	23524.996	33.401	1.015	14.633
10/2/2017 18:25	2751900	72788	17954	165.906	29939.441	34595.578	21.914	23524.996	33.401	1.015	14.633
10/2/2017 18:30	2752200	72.81	17954	165.957	29944.561	34600.961	21.918	23528.656	33.395	1.015	14.635
10/2/2017 18:35	2752500	72808	17954	165.951	29928.377	34582.793	21.905	23516.301	33.413	1.015	14.631
10/2/2017 18:40	2752800	72.79	17954	165.91	29925.316	34579.121	21.903	23513.803	33.417	1.015	14.63
10/2/2017 18:45	2753100	72796	17954	165.924	29923.15	34576.422	21.901	23511.969	33.419	1.015	14.63
10/2/2017 18:50	2753400	72794	17954	165.919	29936.014	34591.547	21.912	23522.254	33.405	1.015	14.632
10/2/2017 18:55	2753700	72795	17953	165.921	29916.711	34569.508	21.896	23507.268	33.426	1.015	14.635
10/2/2017 19:00	2754000	72794	17954	165.92	29951.332	34609.92	21.924	23544.471	33.387	1.015	14.631
10/2/2017 19:05	2754300	72794	17953	165.92	29927.283	34581.789	21.905	23515.617	33.414	1.015	14.639
10/2/2017 19:10	2754600	72789	17954	165.908	29916.08	34568.051	21.895	23506.277	33.427	1.015	14.64
10/2/2017 19:15	2754900	72806	17954	165.947	29934.939	34590.043	21.911	23521.229	33.406	1.015	14.64
10/2/2017 19:20	2755200	72816	17954	165.97	29930.52	34584.992	21.907	23517.795	33.411	1.015	14.637
10/2/2017 19:25	2755500	72806	17954	165.947	29930.141	34584.633	21.907	23517.551	33.411	1.015	14.635
10/2/2017 19:30	2755800	72.83	17954	166.001	29943.32	34600.117	21.918	23528.082	33.396	1.015	14.633
10/2/2017 19:35	2756100	72.83	17954	166.003	29932.998	34588.133	21.909	23519.93	33.408	1.015	14.633
10/2/2017 19:40	2756400	72809	17954	165.955	29931.26	34585.848	21.908	23518.377	33.41	1.015	14.635
10/2/2017 19:45	2756700	72811	17954	165.959	29946.189	34603.176	21.92	23530.16	33.393	1.015	14.636
10/2/2017 19:50	2757000	72811	17954	165.958	29920.176	34573.039	21.899	23509.666	33.422	1.015	14.635
10/2/2017 19:55	2757300	72837	17954	166.017	29932.498	34587.355	21.909	23519.404	33.409	1.015	14.634
10/2/2017 20:00	2757600	72815	17954	165.968	29954.77	34613.136	21.927	23526.949	33.384	1.015	14.638
10/2/2017 20:05	2757900	72821	17954	165.981	29929.512	34583.828	21.906	23517.006	33.412	1.015	14.634
10/2/2017 20:10	2758200	72823	17954	165.987	29931.914	34586.809	21.908	23519.029	33.409	1.015	14.635
10/2/2017 20:15	2758500	72824	17954	165.988	29933.006	34587.867	21.909	23519.75	33.408	1.015	14.636
10/2/2017 20:20	2758800	72828	17954	165.997	29943.904	34600.602	21.918	23528.412	33.396	1.015	14.636
10/2/2017 20:25	2759100	72829	17954	165.999	29928.205	34581.93	21.905	23515.715	33.413	1.015	14.636
10/2/2017 20:30	2759400	72843	17954	166.051	29936.744	34592.188	21.912	23522.688	33.404	1.015	14.636
10/2/2017 20:35	2759700	72852	17954	166.052	29933.748	34588.668	21.91	23520.297	33.407	1.015	14.636
10/2/2017 20:40	2760000	72829	17954	166	29938.969	34594.758	21.914	23524.438	33.401	1.015	14.636
10/2/2017 20:45	2760300	72831	17954	166.005	29950.623	34608.301	21.923	23533.646	33.388	1.015	14.636
10/2/2017 20:50	2760600	72837	17954	166.019	29937.605	34593.18	21.913	23523.365	33.403	1.015	14.633
10/2/2017 20:55	2760900	72861	17954	166.073	29941.529	34597.715	21.916	23526.449	33.398	1.015	14.631
10/2/2017 21:00	2761200	72845	17954	166.036	29921.877	34575.148	21.9	23511.104	33.42	1.015	14.629
10/2/2017 21:05	2761500	72842	17954	166.029	29948.57	34606.184	21.921	23522.205	33.392	1.015	14.631
10/2/2017 21:10	2761800	72862	17954	166.075	29941.986	34598.383	21.916	23526.9	33.398	1.015	14.632
10/2/2017 21:15	2762100	72843	17954	166.032	29940.803	34596.875	21.915	23525.877	33.399	1.015	14.634
10/2/2017 21:20	2762400	72865	17953	166.081	29953.094	34611.613	21.926	23535.898	33.386	1.015	14.634
10/2/2017 21:25	2762700	72842	17954	166.03	29938.867	34594.441	21.914	23524.221	33.401	1.015	14.633
10/2/2017 21:30	2763000	72847	17954	166.042	29932.451	34587.168	21.909	23519.275	33.409	1.015	14.633
10/2/2017 21:35	2763300	72853	17954	166.054	29946.244	34603.054	21.92	23520.666	33.393	1.015	14.635
10/2/2017 21:40	2763600	72851	17954	166.051	29927.34	34581.594	21.905	23515.486	33.414	1.015	14.631
10/2/2017 21:45	2763900	72852	17953	166.053	29928.566	34583.145	21.906	23516.541	33.413	1.015	14.63
10/2/2017 21:50	2764200	72847	17953	166.041	29934.93	34590.563	21.911	23521.584	33.406	1.015	14.632
10/2/2017 21:55	2764500	72848	17953	166.043	29935.141	34590.938	21.911	23521.84	33.406	1.015	14.635
10/2/2017 22:00	2764800	72866	17954	166.085	29934.186	34589.434	21.91	23520.814	33.407	1.015	14.638
10/2/2017 22:05	2765100	72849	17954	166.045	29949.916	34578.723	21.903	23513.333	33.417	1.015	14.636
10/2/2017 22:10	2765400	72.87	17954	166.092	29939.307	34595.289	21.914	23524.797	33.401	1.015	14.635
10/2/2017 22:15	2765700	72852	17954	166.051	29934.641	34590.027	21.911	23521.219	33.406	1.015	14.634
10/2/2017 22:20	2766000	72848	17953	166.042	29950.289	34608.309	21.923	23533.65	33.389	1.015	14.633
10/2/2017 22:25	2766300	72852	17954	166.052	29929.16	34583.422	21.906	23516.727	33.412	1.015	14.633
10/2/2017 22:30	2766600	72849	17954	166.046	29939.951	34596.098	21.915	23525.348	33.4	1.015	14.633
10/2/2017 22:35	2766900	72847	17954	166.042	29927.197	34581.326	21.905	23513.326	33.414	1.015	14.626
10/2/2017 22:40	2767200	72849	17954	166.046	29927.377	34581.504	21.905	23515.424	33.414	1.015	14.631
10/2/2017 22:45	2767500										

10/3/2017 9:35	2806500	72.815	17.953	165.968	29928.076	34582.504	21.905	23516.104	33.413	1.015	14.652
10/3/2017 9:40	2806800	72.813	17.953	165.962	29943.553	34600.523	21.918	23528.357	33.396	1.015	14.653
10/3/2017 9:45	2807100	72.817	17.953	165.972	29936.033	34591.699	21.912	23522.355	33.405	1.015	14.654
10/3/2017 9:50	2807400	72.805	17.953	165.945	29949.436	34607.184	21.923	23532.887	33.39	1.015	14.653
10/3/2017 9:55	2807700	72.802	17.954	165.937	29941.514	34597.902	21.916	23526.574	33.398	1.015	14.653
10/3/2017 10:00	2808000	72.804	17.953	165.943	29932.711	34587.934	21.909	23519.797	33.408	1.015	14.653
10/3/2017 10:05	2808300	72.823	17.954	165.986	29917.254	34592.895	21.912	23523.169	33.403	1.015	14.653
10/3/2017 10:10	2808600	72.809	17.954	165.954	29926.057	34579.914	21.903	23514.344	33.416	1.015	14.653
10/3/2017 10:15	2808900	72.811	17.954	165.958	29925.832	34579.52	21.903	23514.076	33.416	1.015	14.654
10/3/2017 10:20	2809200	72.826	17.953	165.993	29939.139	34591.895	21.912	23522.49	33.404	1.015	14.655
10/3/2017 10:25	2809500	72.828	17.953	165.997	29944.785	34601.949	21.919	23529.328	33.395	1.015	14.657
10/3/2017 10:30	2809800	72.809	17.953	165.954	29940.343	34596.91	21.915	23525.9	33.4	1.015	14.659
10/3/2017 10:35	2810100	72.811	17.954	165.96	29944.223	34601.102	21.918	23528.752	33.395	1.015	14.661
10/3/2017 10:40	2810400	72.811	17.954	165.958	29942.84	34599.504	21.917	23527.662	33.397	1.015	14.663
10/3/2017 10:45	2810700	72.812	17.954	165.962	29939.332	34595.449	21.914	23524.908	33.401	1.015	14.664
10/3/2017 10:50	2811000	72.811	17.954	165.958	29949.688	34606.945	21.922	23532.725	33.389	1.015	14.663
10/3/2017 10:55	2811300	72.812	17.954	165.96	29939.002	34594.738	21.914	23524.424	33.401	1.015	14.662
10/3/2017 11:00	2811600	72.813	17.953	165.963	29938.934	34587.551	21.909	23519.537	33.409	1.015	14.661
10/3/2017 11:05	2811900	72.837	17.953	166.017	29933.16	34588.582	21.91	23520.236	33.408	1.015	14.659
10/3/2017 11:10	2812200	72.818	17.954	165.974	29936.299	34591.746	21.912	23522.389	33.404	1.015	14.656
10/3/2017 11:15	2812500	72.829	17.954	165.999	29939.152	34595.043	21.914	23524.629	33.401	1.015	14.654
10/3/2017 11:20	2812800	72.844	17.954	166.033	29931.467	34586.086	21.908	23518.539	33.41	1.015	14.655
10/3/2017 11:25	2813100	72.82	17.954	165.979	29924.557	34578.102	21.902	23513.111	33.417	1.015	14.657
10/3/2017 11:30	2813400	72.82	17.953	165.98	29938.934	34595.051	21.914	23524.635	33.401	1.015	14.658
10/3/2017 11:35	2813700	72.823	17.954	165.986	29945.387	34602.445	21.919	23529.664	33.394	1.015	14.66
10/3/2017 11:40	2814000	72.821	17.954	165.981	29931.84	34586.461	21.908	23518.795	33.409	1.015	14.662
10/3/2017 11:45	2814300	72.822	17.954	165.984	29922.531	34575.969	21.901	23511.66	33.42	1.015	14.663
10/3/2017 11:50	2814600	72.827	17.954	165.994	29945.654	34602.621	21.919	23529.785	33.394	1.015	14.661
10/3/2017 11:55	2814900	72.823	17.954	165.986	29941.744	34597.965	21.916	23526.619	33.398	1.015	14.658
10/3/2017 12:00	2815200	72.83	17.954	166.001	29941.178	34597.516	21.916	23526.313	33.399	1.015	14.656
10/3/2017 12:05	2815500	72.825	17.953	165.991	29930.248	34585.148	21.907	23517.902	33.411	1.015	14.657
10/3/2017 12:10	2815800	72.843	17.954	166.032	29939.199	34594.965	21.914	23524.578	33.401	1.015	14.658
10/3/2017 12:15	2816100	72.824	17.954	165.988	29937.754	34593.625	21.913	23523.666	33.403	1.015	14.659
10/3/2017 12:20	2816400	72.842	17.954	166.03	29934.244	34589.238	21.91	23520.684	33.407	1.015	14.661
10/3/2017 12:25	2816700	72.844	17.954	166.034	29934.93	34590.293	21.911	23521.402	33.406	1.015	14.662
10/3/2017 12:30	2817000	72.822	17.953	165.984	29917.762	34570.66	21.897	23508.049	33.425	1.015	14.663
10/3/2017 12:35	2817300	72.838	17.954	166.02	29933.543	34588.620	21.913	23520.27	33.407	1.015	14.663
10/3/2017 12:40	2817600	72.84	17.954	166.024	29923.15	34576.617	21.901	23521.1	33.419	1.015	14.662
10/3/2017 12:45	2817900	72.821	17.954	165.982	29945.035	34601.508	21.919	23529.025	33.395	1.015	14.662
10/3/2017 12:50	2818200	72.817	17.954	165.973	29922.83	34576.109	21.901	23511.756	33.419	1.015	14.664
10/3/2017 12:55	2818500	72.814	17.954	165.966	29932.313	34587.34	21.909	23519.393	33.409	1.015	14.666
10/3/2017 13:00	2818800	72.831	17.954	166.005	29951.053	34608.859	21.924	23534.027	33.388	1.015	14.667
10/3/2017 13:05	2819100	72.813	17.954	165.959	29931.25	34586.159	21.914	23518.586	33.41	1.015	14.666
10/3/2017 13:10	2819400	72.83	17.954	166.033	29948.248	34605.684	21.921	23531.865	33.391	1.015	14.665
10/3/2017 13:15	2819700	72.816	17.954	165.97	29940.367	34596.316	21.915	23525.498	33.4	1.015	14.664
10/3/2017 13:20	2820000	72.809	17.954	165.953	29957.193	34616.02	21.929	23538.893	33.381	1.015	14.666
10/3/2017 13:25	2820300	72.806	17.954	165.947	29928	34582.082	21.905	23515.818	33.414	1.015	14.668
10/3/2017 13:30	2820600	72.802	17.954	165.939	29929.885	34584.336	21.907	23517.352	33.411	1.015	14.67
10/3/2017 13:35	2820900	72.803	17.954	165.94	29939.617	34596.137	21.915	23525.373	33.4	1.015	14.671
10/3/2017 13:40	2821200	72.804	17.953	165.943	29923.656	34577.469	21.902	23512.68	33.418	1.015	14.671
10/3/2017 13:45	2821500	72.803	17.954	165.941	29939.016	34594.949	21.914	23524.566	33.401	1.015	14.672
10/3/2017 13:50	2821800	72.82	17.953	165.979	29924.682	34578.785	21.903	23513.574	33.417	1.015	14.672
10/3/2017 13:55	2822100	72.801	17.954	165.936	29928.676	34582.938	21.906	23516.398	33.413	1.015	14.673
10/3/2017 14:00	2822400	72.796	17.953	165.925	29927.256	34581.555	21.905	23515.459	33.414	1.015	14.674
10/3/2017 14:05	2822700	72.817	17.954	165.972	29932.809	34587.914	21.909	23519.783	33.408	1.015	14.672
10/3/2017 14:10	2823000	72.795	17.954	165.923	29925.791	34579.734	21.903	23514.219	33.415	1.015	14.671
10/3/2017 14:15	2823300	72.801	17.953	165.936	29931.734	34586.867	21.908	23519.072	33.409	1.015	14.67
10/3/2017 14:20	2823600	72.794	17.953	165.92	29922.551	34576.258	21.901	23511.855	33.42	1.015	14.673
10/3/2017 14:25	2823900	72.809	17.954	165.954	29930.813	34585.332	21.907	23518.025	33.41	1.015	14.675
10/3/2017 14:30	2824200	72.786	17.954	165.902	29933.945	34589.094	21.91	23520.586	33.407	1.015	14.678
10/3/2017 14:35	2824500	72.788	17.954	165.907	29933.846	34589.043	21.91	23520.549	33.407	1.015	14.678
10/3/2017 14:40	2824800	72.786	17.953	165.901	29943.145	34599.941	21.917	23527.943	33.397	1.015	14.679
10/3/2017 14:45	2825100	72.787	17.954	165.905	29928.598	34582.977	21.906	23516.424	33.413	1.015	14.677
10/3/2017 14:50	2825400	72.806	17.954	165.948	29919.293	34572.16	21.898	23509.07	33.423	1.015	14.677
10/3/2017 14:55	2825700	72.787	17.954	165.904	29929.859	34584.371	21.907	23517.375	33.411	1.015	14.678
10/3/2017 15:00	2826000	72.799	17.954	165.932	29928.271	34582.602	21.905	23516.17	33.413	1.015	14.678
10/3/2017 15:05	2826300	72.797	17.954	165.927	29932.947	34588.004	21.909	23519.844	33.408	1.015	14.678
10/3/2017 15:10	2826600	72.778	17.954	165.884	29934.443	34589.689	21.913	23520.975	33.406	1.015	14.679
10/3/2017 15:15	2826900	72.798	17.954	165.929	29931.859	34586.344	21.908	23518.717	33.409	1.015	14.678
10/3/2017 15:20	2827200	72.772	17.954	165.869	29925.736	34579.605	21.903	23514.133	33.416	1.015	14.682
10/3/2017 15:25	2827500	72.784	17.953	165.898	29928.762	34583.297	21.906	23516.643	33.413	1.015	14.686
10/3/2017 15:30	2827800	72.762	17.954	165.847	29922.459	34575.883	21.901	23511.6	33.42	1.015	14.69
10/3/2017 15:35	2828100	72.769	17.953	165.862	29942.574	34599.395	21.917	23527.59	33.397	1.015	14.685
10/3/2017 15:40	2828400	72.768	17.954	165.861	29938.604	34594.539	21.914	23524.289	33.402	1.015	14.687
10/3/2017 15:45	2828700	72.792	17.953	165.915	29942.613	34599.441	21.917	23527.623	33.397	1.015	14.675
10/3/2017 15:50	2829000	72.767	17.954	165.858	29936.213	34591.441	21.912	23522.18	33.404	1.015	14.678
10/3/2017 15:55	2829300	72.765	17.954	165.853	29939.443	34595.383	21.914	23524.861	33.401	1.015	14.682
10/3/2017 16:00	2829600	72.758	17.954	165.837	29931.445	34586.27	21.908	23518.666	33.41	1.015	14.685
10/3/2017 16:05	2829900	72.76	17.954	165.842	29939.82	34595.816	21.915	23525.158	33.4	1.015	14.683
10/3/2017 16:10	2830200	72.763	17.954	165.849	29937.996	34593.859	21.913	23523.859	33.402	1.015	14.681
10/3/2017 16:15	2830500										

10/4/2017 3:10	266900	72.76	17954	165.843	29937.088	34592.582	21.912	23522.957	33.403	1.015	14.749
10/4/2017 3:15	267010	72.757	17954	165.836	29938.178	34594.047	21.913	23523.953	33.402	1.015	14.751
10/4/2017 3:20	267040	72.776	17953	165.878	29938.555	34594.613	21.914	23524.34	33.402	1.015	14.751
10/4/2017 3:25	267070	72.754	17954	165.828	29947.07	34604.258	21.92	23530.896	33.392	1.015	14.751
10/4/2017 3:30	267100	72.771	17954	165.867	29958.932	34617.625	21.93	23539.986	33.379	1.015	14.75
10/4/2017 3:35	267130	72.752	17954	165.825	29944.051	34601.23	21.918	23528.84	33.395	1.015	14.748
10/4/2017 3:40	267160	72.753	17953	165.827	29949.367	34607.105	21.922	23532.034	33.39	1.015	14.749
10/4/2017 3:45	267190	72.745	17954	165.808	29941.338	34597.57	21.916	23526.348	33.399	1.015	14.744
10/4/2017 3:50	267220	72.747	17954	165.812	29914.107	34565.898	21.894	23504.813	33.429	1.015	14.744
10/4/2017 3:55	267250	72.744	17954	165.806	29941.238	34597.18	21.916	23526.082	33.399	1.015	14.744
10/4/2017 4:00	267280	72.764	17954	165.852	29935.164	34590.5	21.911	23521.541	33.406	1.015	14.744
10/4/2017 4:05	267310	72.76	17954	165.843	29937.174	34592.657	21.913	23523.213	33.403	1.015	14.746
10/4/2017 4:10	267340	72.734	17953	165.784	29938.494	34594.617	21.914	23524.342	33.402	1.015	14.749
10/4/2017 4:15	267370	72.731	17954	165.776	29942.777	34599.363	21.917	23527.566	33.397	1.015	14.751
10/4/2017 4:20	267400	72.73	17954	165.774	29943.871	34600.695	21.918	23528.473	33.396	1.015	14.749
10/4/2017 4:25	267430	72.731	17954	165.777	29939.26	34595.094	21.914	23524.666	33.401	1.015	14.747
10/4/2017 4:30	267460	72.734	17954	165.784	29940.32	34596.316	21.915	23525.498	33.4	1.015	14.745
10/4/2017 4:35	267490	72.75	17954	165.82	29937.324	34592.934	21.913	23523.197	33.403	1.015	14.748
10/4/2017 4:40	267520	72.725	17954	165.752	29947.998	34605.332	21.92	23531.627	33.391	1.015	14.751
10/4/2017 4:45	267550	72.718	17953	165.748	29946.139	34603.375	21.92	23530.297	33.393	1.015	14.755
10/4/2017 4:50	267580	72.719	17954	165.748	29943.988	34600.695	21.918	23528.473	33.396	1.015	14.754
10/4/2017 4:55	267610	72.717	17953	165.745	29936.828	34592.691	21.912	23523.033	33.404	1.015	14.753
10/4/2017 5:00	267640	72.72	17953	165.751	29952.971	34611.344	21.925	23535.715	33.386	1.015	14.753
10/4/2017 5:05	267670	72.714	17954	165.738	29946	34603.156	21.92	23530.148	33.393	1.015	14.754
10/4/2017 5:10	267700	72.716	17954	165.742	29922.115	34575.555	21.9	23513.377	33.42	1.015	14.756
10/4/2017 5:15	267730	72.732	17953	165.779	29937.275	34593.27	21.913	23523.424	33.403	1.015	14.757
10/4/2017 5:20	267760	72.716	17953	165.743	29930.32	34585.172	21.907	23517.92	33.411	1.015	14.756
10/4/2017 5:25	267790	72.711	17953	165.731	29932.381	34587.477	21.909	23519.486	33.409	1.015	14.755
10/4/2017 5:30	267820	72.716	17954	165.741	29948.633	34605.727	21.922	23531.896	33.391	1.015	14.754
10/4/2017 5:35	267850	72.729	17954	165.771	29943.039	34599.602	21.917	23527.729	33.397	1.015	14.755
10/4/2017 5:40	267880	72.73	17953	165.773	29942.674	34599.715	21.917	23527.807	33.397	1.015	14.755
10/4/2017 5:45	267910	72.711	17954	165.73	29949.441	34607.063	21.922	23532.805	33.39	1.015	14.756
10/4/2017 5:50	267940	72.727	17953	165.768	29950.438	34608.48	21.923	23533.77	33.388	1.015	14.757
10/4/2017 5:55	267970	72.71	17954	165.728	29922.025	34575.32	21.9	23511.219	33.42	1.015	14.758
10/4/2017 6:00	268000	72.728	17954	165.77	29944.137	34600.934	21.918	23528.635	33.396	1.015	14.759
10/4/2017 6:05	268030	72.71	17954	165.73	29932.5	34587.082	21.909	23519.219	33.409	1.015	14.76
10/4/2017 6:10	268060	72.705	17953	165.717	29937.631	34581.631	21.905	23515.51	33.414	1.015	14.762
10/4/2017 6:15	268090	72.725	17953	165.763	29945.008	34602.141	21.919	23529.457	33.395	1.015	14.763
10/4/2017 6:20	268120	72.723	17954	165.758	29944.445	34601.16	21.918	23528.789	33.395	1.015	14.763
10/4/2017 6:25	268150	72.721	17954	165.753	29946.139	34603.246	21.92	23530.209	33.393	1.015	14.763
10/4/2017 6:30	268180	72.706	17954	165.72	29937.076	34592.441	21.912	23522.863	33.403	1.015	14.763
10/4/2017 6:35	268210	72.701	17953	165.709	29975.289	34637.059	21.943	23553.199	33.361	1.015	14.763
10/4/2017 6:40	268240	72.706	17954	165.729	29946.785	34604.121	21.92	23530.803	33.393	1.015	14.764
10/4/2017 6:45	268270	72.708	17953	165.724	29958.068	34617.234	21.93	23539.721	33.38	1.015	14.764
10/4/2017 6:50	268300	72.732	17954	165.778	29932.604	34587.676	21.909	23519.621	33.408	1.015	14.763
10/4/2017 6:55	268330	72.711	17954	165.732	29933.828	34588.957	21.91	23520.49	33.407	1.015	14.763
10/4/2017 7:00	268360	72.715	17953	165.74	29946.924	34604.355	21.921	23530.965	33.392	1.015	14.762
10/4/2017 7:05	268390	72.732	17954	165.778	29938.506	34594.164	21.913	23524.033	33.402	1.015	14.766
10/4/2017 7:10	268420	72.716	17954	165.72	29951.469	34609.266	21.924	23534.301	33.387	1.015	14.77
10/4/2017 7:15	268450	72.723	17954	165.758	29938.844	34594.414	21.914	23524.203	33.401	1.015	14.773
10/4/2017 7:20	268480	72.707	17953	165.722	29932.238	34587.313	21.909	23519.375	33.409	1.015	14.772
10/4/2017 7:25	268510	72.71	17953	165.728	29936.686	34592.59	21.912	23522.963	33.404	1.015	14.771
10/4/2017 7:30	268540	72.72	17954	165.751	29947.637	34604.848	21.921	23531.297	33.392	1.015	14.771
10/4/2017 7:35	268570	72.718	17954	165.746	29937.246	34592.844	21.913	23523.137	33.403	1.015	14.77
10/4/2017 7:40	268600	72.721	17954	165.753	29943.547	34599.988	21.918	23527.994	33.396	1.015	14.77
10/4/2017 7:45	268630	72.721	17954	165.753	29943.637	34600.27	21.918	23528.156	33.396	1.015	14.77
10/4/2017 7:50	268660	72.728	17953	165.768	29942.082	34598.688	21.917	23527.109	33.398	1.015	14.769
10/4/2017 7:55	268690	72.749	17954	165.818	29907.754	34558.762	21.889	23499.959	33.436	1.015	14.768
10/4/2017 8:00	268720	72.748	17954	165.816	29941.795	34597.965	21.916	23526.619	33.398	1.015	14.768
10/4/2017 8:05	268750	72.728	17953	165.769	29954.896	34613.84	21.927	23537.412	33.384	1.015	14.772
10/4/2017 8:10	268780	72.746	17954	165.81	29947.416	34604.723	21.921	23531.211	33.392	1.015	14.775
10/4/2017 8:15	268810	72.724	17953	165.807	29912.496	34587.687	21.909	23519.627	33.409	1.015	14.77
10/4/2017 8:20	268840	72.749	17953	165.817	29943.477	34600.297	21.918	23528.201	33.396	1.015	14.777
10/4/2017 8:25	268870	72.733	17954	165.782	29947.791	34605.156	21.921	23531.508	33.391	1.015	14.776
10/4/2017 8:30	268900	72.756	17954	165.833	29940.064	34596.098	21.915	23525.348	33.4	1.015	14.774
10/4/2017 8:35	268930	72.741	17953	165.8	29931.348	34586.422	21.908	23518.768	33.41	1.015	14.772
10/4/2017 8:40	268960	72.747	17953	165.814	29939.988	34596.27	21.915	23525.463	33.4	1.015	14.771
10/4/2017 8:45	268990	72.75	17953	165.819	29932.678	34587.895	21.913	23519.768	33.408	1.015	14.775
10/4/2017 8:50	269020	72.749	17954	165.818	29942.49	34599.098	21.917	23527.387	33.397	1.015	14.771
10/4/2017 8:55	269050	72.752	17954	165.824	29944.512	34601.434	21.919	23528.977	33.395	1.015	14.772
10/4/2017 9:00	269080	72.771	17954	165.867	29925.004	34578.621	21.903	23513.465	33.417	1.015	14.774
10/4/2017 9:05	269110	72.773	17954	165.871	29945.816	34602.875	21.92	23529.957	33.394	1.015	14.776
10/4/2017 9:10	269140	72.776	17953	165.878	29947.816	34605.633	21.921	23531.709	33.391	1.015	14.778
10/4/2017 9:15	269170	72.754	17954	165.829	29926.812	34580.622	21.904	23515.027	33.415	1.015	14.78
10/4/2017 9:20	269200	72.758	17954	165.839	29958.285	34617.281	21.93	23539.754	33.38	1.015	14.779
10/4/2017 9:25	269230	72.783	17954	165.895	29938.49	34594.477	21.914	23524.244	33.402	1.015	14.779
10/4/2017 9:30	269260	72.762	17953	165.848	29942.217	34599.047	21.917	23527.354	33.398	1.015	14.778
10/4/2017 9:35	269290	72.761	17954	165.846	29953.154	34611.422	21.925	23535.768	33.385	1.015	14.779
10/4/2017 9:40	269320	72.785	17953	165.899	29945.549	34602.691	21.919	23529.83	33.394	1.015	14.78
10/4/2017 9:45	269350	72.763	17954	165.865	29930.695	34585.402	21.907	23518.076	33.411	1.015	14.781
10/4/2017 9:50	269380	72.764	17954	165.852	29923.02	34576.402	21.901	23511.953	33.419	1.015	14.78
10/4/2017 9:55	269410	72.77	17953	165.866	29934.875	34590.496	21.911	23521.537	33.406	1.015	

10/4/2017 20:45	2933100	72.817	17.954	165.973	29946.045	34603.074	21.92	23530.09	33.393	1.015	14.741
10/4/2017 20:50	2933400	72.817	17.953	165.973	29968.256	34629.133	21.938	23547.811	33.369	1.015	14.742
10/4/2017 20:55	2933700	72.819	17.954	165.977	29949.768	34607.313	21.923	23532.975	33.389	1.015	14.743
10/4/2017 21:00	2934000	72.819	17.954	165.976	29951.127	34608.676	21.924	23533.9	33.388	1.015	14.744
10/4/2017 21:05	2934300	72.826	17.954	165.993	29924.498	34578.309	21.902	23513.25	33.417	1.015	14.742
10/4/2017 21:10	2934600	72.835	17.954	166.013	29954.596	34613.02	21.927	23536.854	33.384	1.015	14.74
10/4/2017 21:15	2934900	72.837	17.953	166.017	29945.498	34602.773	21.919	23529.880	33.394	1.015	14.738
10/4/2017 21:20	2935200	72.842	17.954	166.029	29940.49	34596.789	21.915	23525.818	33.4	1.015	14.741
10/4/2017 21:25	2935500	72.84	17.954	166.025	29957.563	34616.445	21.929	23539.184	33.381	1.015	14.744
10/4/2017 21:30	2935800	72.844	17.954	166.033	29939.096	34595.176	21.914	23524.721	33.401	1.015	14.747
10/4/2017 21:35	2936100	72.843	17.953	166.031	29937.564	34593.543	21.913	23523.611	33.403	1.015	14.747
10/4/2017 21:40	2936400	72.843	17.953	166.031	29941.785	34598.344	21.916	23526.875	33.398	1.015	14.747
10/4/2017 21:45	2936700	72.848	17.954	166.044	29952.547	34610.586	21.925	23535.199	33.386	1.015	14.747
10/4/2017 21:50	2937000	72.854	17.954	166.057	29947.992	34605.387	21.921	23531.666	33.391	1.015	14.746
10/4/2017 21:55	2937300	72.858	17.954	166.065	29951.664	34609.699	21.924	23534.598	33.387	1.015	14.746
10/4/2017 22:00	2937600	72.885	17.953	166.127	29941.543	34598.469	21.916	23526.961	33.398	1.015	14.745
10/4/2017 22:05	2937900	72.868	17.954	166.088	29941.529	34597.457	21.916	23526.271	33.398	1.015	14.743
10/4/2017 22:10	2938200	72.874	17.954	166.101	29950.303	34607.797	21.923	23533.305	33.389	1.015	14.742
10/4/2017 22:15	2938500	72.877	17.953	166.11	29931.262	34586.324	21.908	23518.701	33.41	1.015	14.74
10/4/2017 22:20	2938800	72.897	17.954	166.155	29943.979	34600.547	21.918	23528.373	33.396	1.015	14.742
10/4/2017 22:25	2939100	72.878	17.953	166.112	29935.131	34590.656	21.911	23521.648	33.406	1.015	14.744
10/4/2017 22:30	2939400	72.898	17.953	166.157	29926.385	34580.621	21.904	23514.824	33.415	1.015	14.746
10/4/2017 22:35	2939700	72.88	17.954	166.115	29942.313	34598.895	21.917	23527.248	33.398	1.015	14.747
10/4/2017 22:40	2940000	72.878	17.953	166.112	29959.084	34618.473	21.93	23540.564	33.379	1.015	14.748
10/4/2017 22:45	2940300	72.883	17.953	166.123	29945.617	34602.977	21.92	23530.025	33.394	1.015	14.749
10/4/2017 22:50	2940600	72.886	17.954	166.13	29951.771	34609.754	21.924	23534.633	33.387	1.015	14.747
10/4/2017 22:55	2940900	72.907	17.954	166.178	29958.025	34616.98	21.929	23539.549	33.38	1.015	14.745
10/4/2017 23:00	2941200	72.896	17.954	166.152	29947.805	34605.172	21.921	23531.52	33.391	1.015	14.743
10/4/2017 23:05	2941500	72.917	17.954	166.2	29935.703	34591.125	21.911	23521.965	33.405	1.015	14.745
10/4/2017 23:10	2941800	72.897	17.953	166.154	29948.59	34606.207	21.922	23532.223	33.391	1.015	14.747
10/4/2017 23:15	2942100	72.896	17.954	166.153	29953.299	34611.316	21.925	23535.695	33.385	1.015	14.75
10/4/2017 23:20	2942400	72.9	17.953	166.163	29936.779	34592.633	21.912	23522.99	33.404	1.015	14.749
10/4/2017 23:25	2942700	72.921	17.953	166.209	29949.91	34607.809	21.923	23533.313	33.389	1.015	14.748
10/4/2017 23:30	2943000	72.923	17.954	166.214	29965.096	34625.219	21.935	23545.148	33.372	1.015	14.747
10/4/2017 23:35	2943300	72.906	17.954	166.176	29937.189	34592.777	21.912	23523.088	33.403	1.015	14.748
10/4/2017 23:40	2943600	72.906	17.953	166.175	29940.156	34596.664	21.915	23525.734	33.4	1.015	14.749
10/4/2017 23:45	2943900	72.923	17.954	166.214	29945.176	34602.004	21.919	23529.363	33.394	1.015	14.751
10/4/2017 23:50	2944200	72.925	17.954	166.219	29955.736	34614.406	21.928	23537.799	33.383	1.015	14.751
10/4/2017 23:55	2944500	72.909	17.954	166.181	29945.92	34602.73	21.919	23529.857	33.394	1.015	14.751

Report Date:	10/9/2017 9:51											
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_2017-10-05_18-50-47-419-BaroMerge.wsl											
Create Date	10/9/2017 9:46											
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											
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	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: WMassoll Interval - Start Time: 7/5/2017 10:00:00 PM Stop Time: 7/13/2017 6:45:00 PM												
7/20/2017 17:19 Log Download - Used Battery: 12% Used Memory: 39% User Name: WMassoll Interval - Start Time: 7/12/2017 10:00:00 PM Stop Time: 7/20/2017 6:15:00 PM												
7/27/2017 6:50 Log Download - Used Battery: 12% Used Memory: 40% User Name: AVanHaitsma Interval - Start Time: 7/19/2017 10:00:00 PM Stop Time: 7/27/2017 7:50:00 AM												
8/3/2017 6:37 Log Download - Used Battery: 13% Used Memory: 43% User Name: AVanHaitsma Interval - Start Time: 6/30/2017 10:00:00 PM Stop Time: 8/3/2017 7:35:00 AM												
8/10/2017 15:35 Log Download - Used Battery: 14% Used Memory: 46% User Name: WMassoll Interval - Start Time: 8/2/2017 10:00:00 PM Stop Time: 8/10/2017 4:35:00 PM												
8/17/2017 15:02 Log Download - Used Battery: 15% Used Memory: 48% User Name: AVanHaitsma Interval - Start Time: 8/9/2017 10:00:00 PM Stop Time: 8/17/2017 4:00:00 PM												
8/24/2017 14:20 Log Download - Used Battery: 15% Used Memory: 51% User Name: AVanHaitsma Interval - Start Time: 8/16/2017 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: 8/31/2017 10:00:00 PM Stop Time: 10/5/2017 7:40:00 PM												
10/9/2017 9:46 User Note: "Pressure & Level adjusted by baro data from: "MPWSP Barotroll_2017-10-05_19-08-59-078.wsl"												
Log Data:												
Record Count	10041											
Sensors	2											
	1											
	499043 PCTD 30 PSIA (10.9m/35.8ft)											
	2											
	0 Baro-Adjustment Calc											
Time Zone: Pacific Daylight Time												
	Elapsed Time	Sensor: PCTD(A) 35.8ft	Sensor: PCTD(A) 35.8ft	Sensor: PCTD(A) 35.8ft	Sensor: PCTD(A) 35.8ft	Sensor: PCTD(A) 35.8ft	Sensor: PCTD(A) 35.8ft	Sensor: PCTD(A) 35.8ft	Sensor: PCTD(A) 35.8ft	Sensor: Baro-Adj Calc		
	Seconds	SNR: 499043	SNR: 499043	SNR: 499043	SNR: 499043	SNR: 499043	SNR: 499043	SNR: 499043	SNR: 499043	SNR: 000000		
	Corrected	Pressure (PSI)	Temperature (C)	Corrected	Depth (ft)	Actual Conductivity (µS/cm)	Specific Conductivity (µS/cm)	Salinity (PSU)	Total Dissolved Solids (ppt)	Resistivity (ohm-cm)	Water Density (g/cm3)	Barometric Pressure (PSI)
Date and Time												
9/28/2017 0:00	2340000	12.679	17.719	28.9	3096.228	35812.444	1.902	24.35	324.335	1	14.692	
9/28/2017 0:05	2340300	12.679	17.719	28.899	3096.242	3596.362	1.911	2.446	322.972	1	14.692	
9/28/2017 0:10	2340600	12.679	17.719	28.899	3109.649	3611.927	1.92	2.456	321.58	1	14.692	
9/28/2017 0:15	2340900	12.678	17.719	28.898	3120.883	3624.968	1.927	2.465	320.422	1	14.693	
9/28/2017 0:20	2341200	12.677	17.719	28.895	3132.355	3638.3	1.934	2.474	319.249	1	14.695	
9/28/2017 0:25	2341500	12.677	17.719	28.896	3144.107	3651.98	1.942	2.483	318.055	1	14.697	
9/28/2017 0:30	2341800	12.674	17.72	28.887	3154.672	3664.178	1.949	2.492	316.992	1	14.699	
9/28/2017 0:35	2342100	12.675	17.72	28.891	3166.336	3677.742	1.957	2.501	315.822	1	14.697	
9/28/2017 0:40	2342400	12.682	17.719	28.905	3176.253	3689.31	1.963	2.509	314.836	1	14.696	
9/28/2017 0:45	2342700	12.679	17.72	28.899	3187.164	3701.948	1.97	2.517	313.759	1	14.694	
9/28/2017 0:50	2343000	12.683	17.719	28.909	3196.729	3713.065	1.977	2.525	312.82	1	14.694	
9/28/2017 0:55	2343300	12.678	17.719	28.897	3206.86	3724.832	1.983	2.533	311.832	1	14.694	
9/28/2017 1:00	2343600	12.677	17.72	28.895	3216.641	3736.13	1.99	2.541	310.863	1	14.694	
9/28/2017 1:05	2343900	12.677	17.719	28.894	3225.106	3746.046	1.995	2.547	310.067	1	14.695	
9/28/2017 1:10	2344200	12.678	17.719	28.897	3234.091	3756.468	2.001	2.554	309.206	1	14.695	
9/28/2017 1:15	2344500	12.678	17.719	28.897	3241.911	3765.566	2.006	2.561	308.46	1	14.695	
9/28/2017 1:20	2344800	12.678	17.719	28.897	3251.624	3776.855	2.013	2.568	307.539	1	14.694	
9/28/2017 1:25	2345100	12.678	17.719	28.898	3258.294	3784.589	2.017	2.574	306.909	1	14.693	
9/28/2017 1:30	2345400	12.681	17.72	28.903	3266.437	3793.995	2.022	2.58	306.144	1	14.692	
9/28/2017 1:35	2345700	12.681	17.719	28.905	3273.414	3802.164	2.027	2.585	305.491	1	14.69	
9/28/2017 1:40	2346000	12.683	17.72	28.909	3280.404	3810.24	2.031	2.591	304.84	1	14.689	
9/28/2017 1:45	2346300	12.686	17.719	28.915	3288.02	3819.108	2.036	2.597	304.134	1	14.687	
9/28/2017 1:50	2346600	12.688	17.72	28.92	3294.779	3826.945	2.041	2.602	303.51	1	14.686	
9/28/2017 1:55	2346900	12.687	17.719	28.919	3300.962	3834.14	2.045	2.607	302.942	1	14.685	
9/28/2017 2:00	2347200	12.69	17.719	28.924	3307.626	3841.874	2.049	2.612	302.332	1	14.683	
9/28/2017 2:05	2347500	12.687	17.719	28.918	3313.973	3849.275	2.053	2.618	301.753	1	14.685	
9/28/2017 2:10	2347800	12.687	17.72	28.917	3319.828	3856.025	2.057	2.622	301.22	1	14.687	
9/28/2017 2:15	2348100	12.685	17.72	28.914	3324.921	3861.948	2.061	2.626	300.759	1	14.689	
9/28/2017 2:20	2348400	12.684	17.719	28.911	3331.395	3869.489	2.065	2.631	300.175	1	14.691	
9/28/2017 2:25	2348700	12.683	17.719	28.908	3336.29	3875.197						

9/28/2017 8:55	2372100	12.692	17719	28.929	3063.765	3558.638	1.89	2.42	326.396	1	14.704
9/28/2017 9:00	2372400	12.694	17719	28.934	3059.543	3553.72	1.887	2.417	326.846	1	14.703
9/28/2017 9:05	2372700	12.692	17719	28.929	3055.48	3548.973	1.884	2.413	327.281	1	14.705
9/28/2017 9:10	2373000	12.691	17719	28.926	3050.832	3543.602	1.881	2.41	327.779	1	14.707
9/28/2017 9:15	2373300	12.688	17719	28.92	3046.365	3538.428	1.878	2.406	328.26	1	14.709
9/28/2017 9:20	2373600	12.69	1772	28.924	3041.651	3532.918	1.875	2.402	328.769	1	14.708
9/28/2017 9:25	2373900	12.688	17719	28.921	3037.369	3527.959	1.872	2.399	329.232	1	14.708
9/28/2017 9:30	2374200	12.69	1772	28.925	3033.691	3523.685	1.87	2.396	329.632	1	14.708
9/28/2017 9:35	2374500	12.69	17719	28.925	3029.222	3518.509	1.867	2.393	330.118	1	14.706
9/28/2017 9:40	2374800	12.69	1772	28.925	3025.339	3513.978	1.865	2.39	330.541	1	14.705
9/28/2017 9:45	2375100	12.693	17719	28.93	3021.216	3509.217	1.862	2.386	330.993	1	14.704
9/28/2017 9:50	2375400	12.696	17719	28.939	3016.602	3503.843	1.859	2.383	331.499	1	14.705
9/28/2017 9:55	2375700	12.691	17719	28.936	3013.462	3500.223	1.857	2.38	331.954	1	14.706
9/28/2017 10:00	2376000	12.689	17719	28.921	3009.478	3495.582	1.854	2.377	332.284	1	14.708
9/28/2017 10:05	2376300	12.688	17719	28.919	3005.464	3490.92	1.852	2.374	332.727	1	14.709
9/28/2017 10:10	2376600	12.686	1772	28.916	3002.853	3487.846	1.85	2.372	333.017	1	14.71
9/28/2017 10:15	2376900	12.684	17719	28.912	2999.659	3484.178	1.848	2.369	333.371	1	14.711
9/28/2017 10:20	2377200	12.687	17719	28.917	2996.103	3480.033	1.845	2.366	333.767	1	14.711
9/28/2017 10:25	2377500	12.686	1772	28.916	2993.155	3476.596	1.844	2.364	334.096	1	14.709
9/28/2017 10:30	2377800	12.687	1772	28.917	2989.438	3472.279	1.841	2.361	334.511	1	14.708
9/28/2017 10:35	2378100	12.686	17719	28.916	2986.888	3469.35	1.839	2.359	334.797	1	14.709
9/28/2017 10:40	2378400	12.684	17719	28.911	2983.352	3465.222	1.837	2.356	335.193	1	14.709
9/28/2017 10:45	2378700	12.684	1772	28.911	2979.938	3461.251	1.835	2.354	335.577	1	14.709
9/28/2017 10:50	2379000	12.684	1772	28.91	2975.245	3455.78	1.832	2.35	336.107	1	14.709
9/28/2017 10:55	2379300	12.685	17719	28.913	2971.693	3451.688	1.83	2.347	336.509	1	14.709
9/28/2017 11:00	2379600	12.684	17719	28.911	2968.535	3448.047	1.828	2.345	336.866	1	14.708
9/28/2017 11:05	2379900	12.685	17719	28.913	2965.546	3444.555	1.826	2.342	337.206	1	14.708
9/28/2017 11:10	2380200	12.685	17719	28.912	2963.134	3441.739	1.824	2.34	337.481	1	14.707
9/28/2017 11:15	2380500	12.685	17719	28.912	2960.946	3439.204	1.823	2.339	337.73	1	14.706
9/28/2017 11:20	2380800	12.686	1772	28.915	2959.176	3437.122	1.821	2.337	337.932	1	14.706
9/28/2017 11:25	2381100	12.686	17719	28.916	2957.499	3435.201	1.82	2.336	338.124	1	14.706
9/28/2017 11:30	2381400	12.691	17719	28.926	2956.201	3433.706	1.819	2.335	338.272	1	14.705
9/28/2017 11:35	2381700	12.687	17719	28.917	2955.16	3432.497	1.819	2.334	338.391	1	14.705
9/28/2017 11:40	2382000	12.687	17719	28.917	2952.958	3429.926	1.817	2.332	338.644	1	14.705
9/28/2017 11:45	2382300	12.688	17719	28.92	2952.025	3428.843	1.817	2.332	338.75	1	14.704
9/28/2017 11:50	2382600	12.687	17719	28.917	2949.975	3426.481	1.815	2.33	338.986	1	14.705
9/28/2017 11:55	2382900	12.686	17719	28.914	2948.088	3424.27	1.814	2.329	339.203	1	14.703
9/28/2017 12:00	2383200	12.689	17719	28.922	2947.016	3423.031	1.813	2.328	339.326	1	14.705
9/28/2017 12:05	2383500	12.685	1772	28.913	2946.01	3421.836	1.813	2.327	339.442	1	14.704
9/28/2017 12:10	2383800	12.685	17719	28.914	2943.173	3418.567	1.811	2.325	339.769	1	14.704
9/28/2017 12:15	2384100	12.687	1772	28.916	2942.719	3418.014	1.811	2.324	339.822	1	14.703
9/28/2017 12:20	2384400	12.685	17719	28.912	2940.39	3415.356	1.809	2.322	340.091	1	14.704
9/28/2017 12:25	2384700	12.684	17719	28.91	2938.447	3413.054	1.808	2.321	340.316	1	14.705
9/28/2017 12:30	2385000	12.681	17719	28.904	2936.754	3411.105	1.807	2.32	340.512	1	14.706
9/28/2017 12:35	2385300	12.684	17719	28.911	2935.649	3409.842	1.806	2.319	340.64	1	14.704
9/28/2017 12:40	2385600	12.686	17719	28.916	2933.483	3407.299	1.805	2.317	340.892	1	14.701
9/28/2017 12:45	2385900	12.689	17719	28.923	2932.491	3406.181	1.804	2.316	341.007	1	14.699
9/28/2017 12:50	2386200	12.686	17719	28.915	2930.868	3404.262	1.803	2.315	341.196	1	14.7
9/28/2017 12:55	2386500	12.684	17719	28.911	2929.615	3402.826	1.802	2.314	341.342	1	14.702
9/28/2017 13:00	2386800	12.683	17719	28.909	2927.639	3400.538	1.801	2.312	341.572	1	14.704
9/28/2017 13:05	2387100	12.683	17719	28.908	2927.57	3400.451	1.801	2.312	341.58	1	14.704
9/28/2017 13:10	2387400	12.681	17719	28.904	2925.28	3397.777	1.799	2.31	341.848	1	14.703
9/28/2017 13:15	2387700	12.681	17719	28.904	2924.689	3397.11	1.799	2.31	341.917	1	14.703
9/28/2017 13:20	2388000	12.681	17719	28.904	2923.003	3395.146	1.798	2.309	342.114	1	14.702
9/28/2017 13:25	2388300	12.68	17719	28.902	2921.764	3393.693	1.797	2.308	342.259	1	14.701
9/28/2017 13:30	2388600	12.68	1772	28.903	2921.113	3392.919	1.797	2.307	342.325	1	14.7
9/28/2017 13:35	2388900	12.682	17719	28.906	2918.705	3390.141	1.795	2.305	342.618	1	14.7
9/28/2017 13:40	2389200	12.681	17719	28.903	2917.657	3388.917	1.794	2.304	342.741	1	14.699
9/28/2017 13:45	2389500	12.681	17719	28.904	2914.644	3385.417	1.792	2.302	343.095	1	14.698
9/28/2017 13:50	2389800	12.681	1772	28.903	2912.502	3382.922	1.791	2.3	343.347	1	14.698
9/28/2017 13:55	2390100	12.681	17719	28.904	2910.836	3381.008	1.79	2.299	343.544	1	14.698
9/28/2017 14:00	2390400	12.681	17719	28.904	2910.23	3380.04	1.789	2.299	343.615	1	14.698
9/28/2017 14:05	2390700	12.68	17719	28.902	2908.607	3378.405	1.788	2.297	343.807	1	14.698
9/28/2017 14:10	2391000	12.681	17719	28.903	2909.1	3378.985	1.789	2.298	343.749	1	14.697
9/28/2017 14:15	2391300	12.68	17719	28.901	2908.138	3377.9	1.788	2.297	343.863	1	14.697
9/28/2017 14:20	2391600	12.68	17719	28.902	2907.796	3377.462	1.788	2.297	343.903	1	14.696
9/28/2017 14:25	2391900	12.682	17719	28.905	2907.601	3377.25	1.788	2.297	343.926	1	14.694
9/28/2017 14:30	2392200	12.682	17719	28.907	2907.055	3376.627	1.787	2.296	343.991	1	14.694
9/28/2017 14:35	2392500	12.681	17719	28.904	2906.515	3376.014	1.787	2.296	344.055	1	14.694
9/28/2017 14:40	2392800	12.679	17719	28.899	2907.194	3376.79	1.788	2.296	343.974	1	14.694
9/28/2017 14:45	2393100	12.68	17719	28.901	2906.813	3376.321	1.787	2.296	344.019	1	14.695
9/28/2017 14:50	2393400	12.68	17719	28.901	2905.949	3375.352	1.787	2.295	344.122	1	14.695
9/28/2017 14:55	2393700	12.682	1772	28.905	2905.024	3374.237	1.786	2.294	344.231	1	14.694
9/28/2017 15:00	2394000	12.68	1772	28.901	2904.936	3374.128	1.786	2.294	344.242	1	14.694
9/28/2017 15:05	2394300	12.679	17719	28.899	2905.19	3374.476	1.786	2.295	344.212	1	14.696
9/28/2017 15:10	2394600	12.676	17719	28.893	2905.009	3374.233	1.786	2.294	344.233	1	14.698
9/28/2017 15:15	2394900	12.674	17719	28.888	2904.746	3373.954	1.786	2.294	344.264	1	14.7
9/28/2017 15:20	2395200	12.674	1772	28.888	2904.142	3373.212	1.786	2.294	344.336	1	14.698
9/28/2017 15:25	2395500	12.676	1772	28.892	2903.623	3372.61	1.785	2.293	344.397	1	14.696
9/28/2017 15:30	2395800	12.677	17719	28.894	2903.062	3372.014	1.785	2.293	344.464	1	14.695
9/28/2017 15:35	2396100	12.678	17719	28.898	2903.059	3371.955	1.785	2.293	344.464	1	14.694
9/28/2017 15:40	2396400	12.676	17719	28.894	2902.607	3371.436	1.785	2.293	344.518	1	14.693
9/28/2017 15:45	2396700	12.677	17719	28.895	2901.962	3370.706	1.784	2.292	344.594	1	14.693
9/28/2017 15:50	2397000	12.677	17719	28.894	2902.656	3371.499	1.785	2.293	344.512	1	14.693
9/28/2017 15:55	2397300	12.675	17719	28.889	2902.052	3370.798	1.784	2.292	344.584	1	14.694
9/28/2017 16:00	2397600	12.675	17719	28.89	2901.042	3369.82	1.784	2.291	344.704	1	14.694
9/28/2017 16:05	2397900	12.675	17719	28.89	2901.685	3370.39	1.784	2.292	344.627	1	14.695
9/28/2017 16:10											

9/29/2017 2:30	2435400	12.679	17.719	28.899	3342.945	3882.927	2.072	2.64	299.137	1	14.709
9/29/2017 2:35	2435700	12.679	17.719	28.899	3347.619	3888.371	2.076	2.644	298.72	1	14.71
9/29/2017 2:40	2436000	12.679	17.719	28.899	3352.521	3894.073	2.079	2.648	298.283	1	14.712
9/29/2017 2:45	2436300	12.676	17.719	28.894	3355.905	3897.996	2.081	2.651	297.982	1	14.713
9/29/2017 2:50	2436600	12.678	17.719	28.897	3360.472	3903.309	2.084	2.654	297.577	1	14.712
9/29/2017 2:55	2436900	12.678	17.719	28.898	3365.615	3909.259	2.087	2.658	297.123	1	14.711
9/29/2017 3:00	2437200	12.68	17.719	28.902	3369.204	3913.458	2.09	2.661	296.806	1	14.709
9/29/2017 3:05	2437500	12.685	17.719	28.913	3373.169	3918.01	2.092	2.664	296.457	1	14.71
9/29/2017 3:10	2437800	12.679	17.719	28.9	3375.737	3921.047	2.094	2.666	296.232	1	14.711
9/29/2017 3:15	2438100	12.678	17.719	28.898	3380.231	3926.267	2.097	2.67	295.838	1	14.712
9/29/2017 3:20	2438400	12.679	17.719	28.899	3382.837	3929.256	2.099	2.672	295.61	1	14.713
9/29/2017 3:25	2438700	12.675	17.719	28.89	3386.934	3934.045	2.101	2.675	295.252	1	14.714
9/29/2017 3:30	2439000	12.675	17.719	28.891	3390.746	3938.465	2.104	2.678	294.92	1	14.716
9/29/2017 3:35	2439300	12.679	17.719	28.9	3392.968	3941.022	2.105	2.68	294.727	1	14.715
9/29/2017 3:40	2439600	12.682	17.719	28.905	3396.777	3945.464	2.108	2.683	294.397	1	14.714
9/29/2017 3:45	2439900	12.682	17.719	28.905	3399.503	3948.652	2.11	2.685	294.161	1	14.713
9/29/2017 3:50	2440200	12.683	17.719	28.908	3402.573	3952.187	2.112	2.687	293.895	1	14.712
9/29/2017 3:55	2440500	12.682	17.719	28.905	3405.551	3955.655	2.114	2.69	293.638	1	14.712
9/29/2017 4:00	2440800	12.681	17.719	28.905	3407.912	3958.381	2.115	2.692	293.435	1	14.712
9/29/2017 4:05	2441100	12.681	17.719	28.904	3410.415	3961.296	2.117	2.694	293.219	1	14.713
9/29/2017 4:10	2441400	12.68	17.719	28.903	3413.467	3964.856	2.119	2.696	292.957	1	14.714
9/29/2017 4:15	2441700	12.678	17.719	28.896	3415.377	3967.059	2.12	2.698	292.793	1	14.716
9/29/2017 4:20	2442000	12.678	17.719	28.897	3417.548	3969.566	2.122	2.699	292.607	1	14.716
9/29/2017 4:25	2442300	12.68	17.719	28.902	3420.156	3972.579	2.123	2.701	292.384	1	14.716
9/29/2017 4:30	2442600	12.68	17.719	28.902	3422.289	3975.059	2.125	2.703	292.202	1	14.717
9/29/2017 4:35	2442900	12.682	17.719	28.906	3424.904	3978.14	2.126	2.705	291.979	1	14.717
9/29/2017 4:40	2443200	12.683	17.719	28.908	3427.623	3981.282	2.128	2.707	291.747	1	14.713
9/29/2017 4:45	2443500	12.685	17.719	28.912	3428.881	3982.775	2.129	2.708	291.64	1	14.712
9/29/2017 4:50	2443800	12.687	17.719	28.917	3430.587	3984.695	2.13	2.71	291.495	1	14.712
9/29/2017 4:55	2444100	12.687	17.719	28.918	3432.511	3986.938	2.131	2.711	291.332	1	14.711
9/29/2017 5:00	2444400	12.687	17.719	28.912	3434.048	3988.755	2.132	2.712	291.201	1	14.711
9/29/2017 5:05	2444700	12.685	17.719	28.912	3436.831	3991.571	2.134	2.715	290.966	1	14.713
9/29/2017 5:10	2445000	12.683	17.719	28.909	3437.736	3993.029	2.135	2.715	290.889	1	14.714
9/29/2017 5:15	2445300	12.681	17.719	28.904	3439.531	3995.139	2.136	2.717	290.737	1	14.715
9/29/2017 5:20	2445600	12.683	17.719	28.908	3441.341	3997.21	2.137	2.718	290.584	1	14.714
9/29/2017 5:25	2445900	12.683	17.719	28.908	3442.972	3999.096	2.138	2.719	290.447	1	14.714
9/29/2017 5:30	2446200	12.683	17.719	28.907	3444.154	4000.407	2.139	2.72	290.347	1	14.713
9/29/2017 5:35	2446500	12.685	17.719	28.913	3445.481	4002.018	2.14	2.721	290.235	1	14.711
9/29/2017 5:40	2446800	12.687	17.719	28.918	3447.278	4004.097	2.141	2.723	290.084	1	14.71
9/29/2017 5:45	2447100	12.69	17.719	28.924	3448.488	4005.534	2.142	2.724	289.982	1	14.709
9/29/2017 5:50	2447400	12.687	17.719	28.918	3447.999	4004.951	2.142	2.723	290.023	1	14.711
9/29/2017 5:55	2447700	12.684	17.719	28.911	3437.188	3992.424	2.135	2.715	290.935	1	14.713
9/29/2017 6:00	2448000	12.685	17.719	28.913	3444.457	3995.968	2.12	2.697	292.872	1	14.715
9/29/2017 6:05	2448300	12.686	17.719	28.915	3389.212	3936.645	2.103	2.677	295.054	1	14.716
9/29/2017 6:10	2448600	12.687	17.719	28.918	3366.012	3909.72	2.088	2.659	297.087	1	14.717
9/29/2017 6:15	2448900	12.685	17.72	28.912	3346.589	3887.122	2.075	2.643	298.812	1	14.718
9/29/2017 6:20	2449200	12.685	17.719	28.913	3327.828	3865.346	2.063	2.628	300.496	1	14.718
9/29/2017 6:25	2449500	12.685	17.719	28.912	3311.667	3846.597	2.052	2.616	301.963	1	14.718
9/29/2017 6:30	2449800	12.685	17.719	28.913	3296.024	3828.442	2.042	2.603	303.396	1	14.718
9/29/2017 6:35	2450100	12.686	17.719	28.915	3281.476	3811.529	2.032	2.592	304.741	1	14.717
9/29/2017 6:40	2450400	12.691	17.72	28.927	3267.5	3795.259	2.023	2.581	306.044	1	14.715
9/29/2017 6:45	2450700	12.685	17.719	28.913	3253.545	3779.072	2.014	2.57	307.357	1	14.714
9/29/2017 6:50	2451000	12.69	17.719	28.924	3241.42	3764.989	2.006	2.56	308.507	1	14.715
9/29/2017 6:55	2451300	12.684	17.719	28.91	3231.452	3753.433	1.999	2.552	309.458	1	14.716
9/29/2017 7:00	2451600	12.683	17.719	28.908	3222.497	3743.017	1.993	2.545	310.318	1	14.717
9/29/2017 7:05	2451900	12.684	17.719	28.91	3212.296	3732.33	1.987	2.538	311.207	1	14.716
9/29/2017 7:10	2452200	12.685	17.719	28.914	3204.661	3722.284	1.982	2.531	312.046	1	14.715
9/29/2017 7:15	2452500	12.685	17.719	28.913	3196.71	3713.094	1.977	2.525	312.822	1	14.715
9/29/2017 7:20	2452800	12.687	17.719	28.918	3189.367	3704.55	1.972	2.519	313.542	1	14.713
9/29/2017 7:25	2453100	12.691	17.719	28.926	3181.443	3695.338	1.967	2.513	314.323	1	14.711
9/29/2017 7:30	2453400	12.691	17.72	28.926	3174.5	3687.237	1.962	2.507	315.01	1	14.709
9/29/2017 7:35	2453700	12.688	17.719	28.92	3166.904	3678.459	1.957	2.5	315.766	1	14.71
9/29/2017 7:40	2454000	12.69	17.719	28.924	3159.659	3670.036	1.952	2.496	316.49	1	14.721
9/29/2017 7:45	2454300	12.686	17.72	28.916	3153.132	3662.397	1.948	2.49	317.145	1	14.727
9/29/2017 7:50	2454600	12.688	17.719	28.919	3146.969	3655.275	1.944	2.486	317.766	1	14.727
9/29/2017 7:55	2454900	12.688	17.719	28.919	3140.135	3647.357	1.94	2.48	318.458	1	14.727
9/29/2017 8:00	2455200	12.688	17.719	28.92	3132.563	3638.585	1.935	2.474	319.227	1	14.727
9/29/2017 8:05	2455500	12.685	17.719	28.912	3126.077	3631.056	1.93	2.469	319.89	1	14.728
9/29/2017 8:10	2455800	12.684	17.719	28.91	3119.58	3623.475	1.926	2.464	320.556	1	14.73
9/29/2017 8:15	2456100	12.682	17.719	28.905	3111.566	3614.188	1.921	2.458	321.382	1	14.731
9/29/2017 8:20	2456400	12.681	17.719	28.904	3103.363	3604.667	1.915	2.451	322.231	1	14.731
9/29/2017 8:25	2456700	12.683	17.719	28.909	3096.333	3596.473	1.911	2.446	322.963	1	14.73
9/29/2017 8:30	2457000	12.686	17.719	28.915	3090.371	3589.555	1.907	2.441	323.586	1	14.73
9/29/2017 8:35	2457300	12.685	17.719	28.912	3084.508	3582.738	1.903	2.436	324.201	1	14.731
9/29/2017 8:40	2457600	12.684	17.719	28.911	3079.926	3577.417	1.9	2.433	324.683	1	14.733
9/29/2017 8:45	2457900	12.68	17.719	28.901	3073.727	3570.23	1.896	2.428	325.338	1	14.735
9/29/2017 8:50	2458200	12.681	17.719	28.903	3068.812	3564.513	1.893	2.424	325.859	1	14.733
9/29/2017 8:55	2458500	12.682	17.72	28.907	3063.404	3558.198	1.889	2.42	326.434	1	14.731
9/29/2017 9:00	2458800	12.687	17.719	28.917	3058.13	3552.114	1.886	2.415	326.997	1	14.729
9/29/2017 9:05	2459100	12.685	17.719	28.913	3052.924	3546.06	1.883	2.411	327.555	1	14.729
9/29/2017 9:10	2459400	12.685	17.719	28.912	3048.189	3540.54	1.879	2.408	328.064	1	14.73
9/29/2017 9:15	2459700	12.684	17.719	28.911	3043.942	3535.634	1.877	2.404	328.521	1	14.73
9/29/2017 9:20	2460000	12.683	17.719	28.909	3040.184	3531.275	1.874	2.401	328.927	1	14.731
9/29/2017 9:25	2460300	12.683	17.719	28.907	3034.719	3524.921	1.871	2.397	329.52	1	14.731
9/29/2017 9:30	2460600	12.682	17.719	28.907	3031.898	3521.658	1.869	2.395	329.826	1	14.731
9/29/2017 9:35	2460900	12.682	17.719	28.907	3026.726	3515.607	1.865	2.391	330.39	1	14.73
9/29/2017 9:40	2461200	12.68	17.719	28.902	3022.969	3511.286	1.863	2.388	330.801	1	14.73

9/29/2017 20:05	2498700	12.666	17.719	28.869	2907.573	3377.238	1.788	2.297	343.929	1	14.711
9/29/2017 20:10	2499000	12.665	17.719	28.866	2907.366	3377.003	1.788	2.296	343.954	1	14.713
9/29/2017 20:15	2499300	12.661	17.719	28.859	2906.737	3376.285	1.787	2.296	344.028	1	14.715
9/29/2017 20:20	2499600	12.662	17.719	28.86	2906.273	3375.733	1.787	2.295	344.083	1	14.714
9/29/2017 20:25	2499900	12.662	17.719	28.861	2905.501	3374.831	1.786	2.295	344.175	1	14.713
9/29/2017 20:30	2500200	12.662	17.719	28.862	2904.397	3373.567	1.786	2.294	344.306	1	14.712
9/29/2017 20:35	2500500	12.662	17.719	28.861	2903.298	3372.2561	1.785	2.293	344.336	1	14.713
9/29/2017 20:40	2500800	12.665	17.719	28.867	2903.122	3372.086	1.785	2.293	344.457	1	14.713
9/29/2017 20:45	2501100	12.667	17.719	28.872	2902.425	3371.271	1.784	2.292	344.539	1	14.713
9/29/2017 20:50	2501400	12.667	17.719	28.873	2900.806	3369.378	1.783	2.291	344.732	1	14.713
9/29/2017 20:55	2501700	12.671	17.719	28.88	2900.447	3368.966	1.783	2.291	344.774	1	14.713
9/29/2017 21:00	2502000	12.668	17.719	28.873	2900.506	3369.042	1.783	2.291	344.767	1	14.713
9/29/2017 21:05	2502300	12.669	17.719	28.876	2899.131	3367.432	1.782	2.29	344.931	1	14.715
9/29/2017 21:10	2502600	12.666	17.719	28.871	2899.44	3367.791	1.783	2.29	344.894	1	14.718
9/29/2017 21:15	2502900	12.664	17.719	28.865	2898.2	3366.343	1.782	2.289	345.042	1	14.72
9/29/2017 21:20	2503200	12.662	17.719	28.86	2897.106	3365.093	1.781	2.288	345.172	1	14.723
9/29/2017 21:25	2503500	12.659	17.719	28.855	2897.224	3365.209	1.781	2.288	345.158	1	14.725
9/29/2017 21:30	2503800	12.657	17.719	28.85	2895.869	3363.643	1.78	2.287	345.319	1	14.727
9/29/2017 21:35	2504100	12.658	17.719	28.851	2894.955	3362.573	1.78	2.287	345.429	1	14.726
9/29/2017 21:40	2504400	12.659	17.719	28.854	2894.481	3362.056	1.779	2.286	345.485	1	14.724
9/29/2017 21:45	2504700	12.663	17.719	28.864	2900.047	3368.529	1.783	2.291	344.822	1	14.722
9/29/2017 21:50	2505000	12.664	17.719	28.866	2915.99	3387.013	1.793	2.303	342.937	1	14.722
9/29/2017 21:55	2505300	12.667	17.719	28.871	2936.01	3410.281	1.806	2.319	340.598	1	14.721
9/29/2017 22:00	2505600	12.667	17.719	28.873	2956.337	3433.884	1.82	2.335	338.256	1	14.72
9/29/2017 22:05	2505900	12.665	17.719	28.866	2974.516	3455.083	1.831	2.349	336.389	1	14.721
9/29/2017 22:10	2506200	12.664	17.719	28.866	2992.589	3476.02	1.843	2.364	334.159	1	14.723
9/29/2017 22:15	2506500	12.663	17.718	28.863	3010.102	3496.368	1.855	2.378	332.215	1	14.724
9/29/2017 22:20	2506800	12.665	17.719	28.866	3026.401	3515.286	1.865	2.39	330.426	1	14.724
9/29/2017 22:25	2507100	12.665	17.718	28.868	3042.906	3534.478	1.876	2.403	328.633	1	14.724
9/29/2017 22:30	2507400	12.666	17.719	28.87	3058.45	3552.512	1.886	2.416	326.963	1	14.724
9/29/2017 22:35	2507700	12.665	17.719	28.868	3073.42	3569.908	1.896	2.428	325.37	1	14.725
9/29/2017 22:40	2508000	12.664	17.719	28.866	3087.876	3586.685	1.905	2.439	323.847	1	14.726
9/29/2017 22:45	2508300	12.662	17.719	28.861	3100.976	3601.916	1.914	2.449	322.479	1	14.728
9/29/2017 22:50	2508600	12.664	17.718	28.866	3114.138	3617.21	1.923	2.46	321.116	1	14.726
9/29/2017 22:55	2508900	12.665	17.719	28.868	3125.752	3630.659	1.93	2.469	319.923	1	14.725
9/29/2017 23:00	2509200	12.668	17.719	28.874	3136.925	3643.657	1.937	2.478	318.783	1	14.723
9/29/2017 23:05	2509500	12.671	17.719	28.88	3148.323	3656.876	1.945	2.487	317.629	1	14.723
9/29/2017 23:10	2509800	12.673	17.719	28.885	3157.933	3668.052	1.951	2.494	316.663	1	14.721
9/29/2017 23:15	2510100	12.675	17.718	28.89	3168.196	3680	1.958	2.502	315.637	1	14.716
9/29/2017 23:20	2510400	12.672	17.719	28.883	3178.445	3691.878	1.965	2.51	314.619	1	14.719
9/29/2017 23:25	2510700	12.667	17.719	28.873	3186.747	3701.492	1.97	2.517	313.8	1	14.722
9/29/2017 23:30	2511000	12.665	17.719	28.868	3196.023	3712.309	1.976	2.524	312.889	1	14.725
9/29/2017 23:35	2511300	12.667	17.719	28.873	3204.755	3722.459	1.982	2.531	312.086	1	14.726
9/29/2017 23:40	2511600	12.668	17.719	28.874	3213.854	3733.007	1.988	2.538	311.153	1	14.726
9/29/2017 23:45	2511900	12.667	17.719	28.872	3221.454	3741.856	1.993	2.544	310.419	1	14.726
9/29/2017 23:50	2512200	12.665	17.719	28.867	3229.92	3751.646	1.998	2.551	309.605	1	14.726
9/29/2017 23:55	2512500	12.665	17.718	28.867	3237.581	3760.595	2.003	2.557	308.873	1	14.725
9/30/2017 0:00	2512800	12.665	17.719	28.868	3245.472	3769.718	2.009	2.563	308.122	1	14.725
9/30/2017 0:05	2513100	12.666	17.719	28.869	3253.239	3777.767	2.013	2.569	307.471	1	14.725
9/30/2017 0:10	2513400	12.667	17.719	28.871	3259.659	3786.224	2.018	2.575	306.781	1	14.724
9/30/2017 0:15	2513700	12.672	17.719	28.883	3266.317	3793.936	2.022	2.58	306.155	1	14.724
9/30/2017 0:20	2514000	12.669	17.719	28.876	3273.265	3801.991	2.027	2.585	305.505	1	14.722
9/30/2017 0:25	2514300	12.67	17.719	28.88	3280.108	3809.934	2.031	2.591	304.868	1	14.721
9/30/2017 0:30	2514600	12.671	17.719	28.881	3286.267	3817.131	2.035	2.596	304.297	1	14.72
9/30/2017 0:35	2514900	12.67	17.719	28.88	3291.063	3822.702	2.038	2.599	303.853	1	14.721
9/30/2017 0:40	2515200	12.67	17.719	28.879	3297.026	3829.591	2.042	2.604	303.304	1	14.722
9/30/2017 0:45	2515500	12.67	17.719	28.878	3304.392	3838.177	2.047	2.61	302.628	1	14.724
9/30/2017 0:50	2515800	12.671	17.719	28.88	3310.171	3844.889	2.051	2.615	302.099	1	14.723
9/30/2017 0:55	2516100	12.672	17.719	28.883	3315.675	3851.275	2.055	2.619	301.598	1	14.722
9/30/2017 1:00	2516400	12.673	17.719	28.886	3319.909	3856.208	2.057	2.622	301.213	1	14.721
9/30/2017 1:05	2516700	12.676	17.719	28.893	3325.801	3863.051	2.061	2.627	300.679	1	14.719
9/30/2017 1:10	2517000	12.675	17.719	28.89	3329.476	3867.283	2.064	2.63	300.348	1	14.721
9/30/2017 1:15	2517300	12.676	17.719	28.894	3334.134	3872.739	2.067	2.633	299.928	1	14.716
9/30/2017 1:20	2517600	12.675	17.719	28.89	3338.78	3878.104	2.07	2.637	299.511	1	14.719
9/30/2017 1:25	2517900	12.672	17.719	28.884	3342.417	3882.344	2.072	2.64	299.185	1	14.723
9/30/2017 1:30	2518200	12.67	17.719	28.878	3347.47	3888.229	2.075	2.644	298.733	1	14.726
9/30/2017 1:35	2518500	12.669	17.718	28.876	3351.518	3892.938	2.078	2.647	298.372	1	14.726
9/30/2017 1:40	2518800	12.671	17.719	28.881	3354.52	3896.861	2.08	2.65	298.005	1	14.726
9/30/2017 1:45	2519100	12.672	17.719	28.883	3358.829	3901.407	2.083	2.653	297.723	1	14.726
9/30/2017 1:50	2519400	12.672	17.719	28.883	3362.014	3905.114	2.085	2.655	297.441	1	14.726
9/30/2017 1:55	2519700	12.673	17.719	28.886	3366.383	3910.175	2.088	2.659	297.055	1	14.726
9/30/2017 2:00	2520000	12.671	17.719	28.88	3370.184	3914.596	2.09	2.662	296.72	1	14.726
9/30/2017 2:05	2520300	12.672	17.719	28.883	3373.448	3918.373	2.093	2.664	296.433	1	14.726
9/30/2017 2:10	2520600	12.671	17.718	28.881	3376.579	3922.085	2.095	2.667	296.158	1	14.726
9/30/2017 2:15	2520900	12.673	17.719	28.885	3380.101	3926.115	2.097	2.67	295.849	1	14.726
9/30/2017 2:20	2521200	12.672	17.719	28.883	3382.749	3929.191	2.099	2.672	295.618	1	14.725
9/30/2017 2:25	2521500	12.673	17.719	28.885	3385.76	3932.681	2.101	2.674	295.355	1	14.725
9/30/2017 2:30	2521800	12.674	17.719	28.887	3388.121	3935.424	2.102	2.676	295.149	1	14.724
9/30/2017 2:35	2522100	12.676	17.719	28.892	3391.973	3939.921	2.105	2.679	294.814	1	14.721
9/30/2017 2:40	2522400	12.679	17.719	28.899	3393.725	3943.952	2.106	2.681	294.661	1	14.719
9/30/2017 2:45	2522700	12.679	17.719	28.9	3396.413	3945.07	2.108	2.683	294.428	1	14.717
9/30/2017 2:50	2523000	12.678	17.719	28.897	3398.78	3947.819	2.109	2.685	294.223	1	14.718
9/30/2017 2:55	2523300	12.678	17.719	28.897	3401.541	3951.011	2.111	2.687	293.984	1	14.72
9/30/2017 3:00	2523600	12.676	17.719	28.892	3404.147	3954.03	2.113	2.689	293.759	1	14.721
9/30/2017 3:05	2523900	12.674	17.719	28.889	3406.239	3956.469	2.114	2.69	293.579	1	14.721
9/30/2017 3:10	2524200	12.675	17.719	28.891	3407.869	3958.631	2.115	2.692	293.444	1	14.72
9/30/2017 3:15	2524500	12.675	17.718	28.891	3410.248	3					

9/30/2017 13:40	2562000	12.704	17.719	28.956	3458.334	4016.986	2.148	2.732	289.157	1	14.719
9/30/2017 13:45	2562300	12.701	17.719	28.949	3458.153	4016.76	2.148	2.731	289.172	1	14.72
9/30/2017 13:50	2562600	12.704	17.718	28.957	3458.448	4017.157	2.149	2.732	289.147	1	14.718
9/30/2017 13:55	2562900	12.705	17.718	28.959	3458.187	4016.838	2.148	2.731	289.169	1	14.715
9/30/2017 14:00	2563200	12.706	17.719	28.962	3457.203	4015.665	2.148	2.731	289.251	1	14.713
9/30/2017 14:05	2563500	12.707	17.718	28.964	3457.786	4016.373	2.148	2.731	289.202	1	14.712
9/30/2017 14:10	2563800	12.706	17.718	28.964	3457.744	4016.214	2.148	2.731	289.206	1	14.711
9/30/2017 14:15	2564100	12.708	17.719	28.965	3457.562	4016.09	2.148	2.731	289.221	1	14.711
9/30/2017 14:20	2564400	12.706	17.719	28.961	3458.02	4016.629	2.148	2.731	289.183	1	14.712
9/30/2017 14:25	2564700	12.704	17.718	28.956	3458.619	4017.348	2.149	2.732	289.133	1	14.712
9/30/2017 14:30	2565000	12.703	17.719	28.954	3457.522	4017.522	2.149	2.732	289.119	1	14.713
9/30/2017 14:35	2565300	12.706	17.719	28.961	3458.177	4016.782	2.148	2.731	289.17	1	14.712
9/30/2017 14:40	2565600	12.707	17.707	28.963	3458.604	4017.307	2.149	2.732	289.134	1	14.71
9/30/2017 14:45	2565900	12.708	17.719	28.966	3458.076	4016.687	2.148	2.731	289.178	1	14.709
9/30/2017 14:50	2566200	12.709	17.718	28.968	3458.744	4017.517	2.149	2.732	289.122	1	14.708
9/30/2017 14:55	2566500	12.709	17.719	28.967	3458.812	4017.541	2.149	2.732	289.117	1	14.707
9/30/2017 15:00	2566800	12.71	17.719	28.969	3457.94	4016.521	2.148	2.731	289.189	1	14.706
9/30/2017 15:05	2567100	12.711	17.719	28.972	3457.532	4016.063	2.148	2.731	289.224	1	14.706
9/30/2017 15:10	2567400	12.71	17.718	28.969	3457.722	4016.323	2.148	2.731	289.208	1	14.706
9/30/2017 15:15	2567700	12.712	17.718	28.974	3457.663	4016.238	2.148	2.731	289.213	1	14.705
9/30/2017 15:20	2568000	12.71	17.719	28.97	3458.236	4016.872	2.148	2.731	289.165	1	14.706
9/30/2017 15:25	2568300	12.71	17.719	28.97	3457.968	4016.554	2.148	2.731	289.187	1	14.706
9/30/2017 15:30	2568600	12.71	17.718	28.969	3457.702	4016.29	2.148	2.731	289.209	1	14.706
9/30/2017 15:35	2568900	12.708	17.718	28.966	3458.285	4016.96	2.148	2.732	289.161	1	14.707
9/30/2017 15:40	2569200	12.708	17.719	28.965	3457.927	4016.814	2.148	2.731	289.191	1	14.708
9/30/2017 15:45	2569500	12.707	17.719	28.964	3458.167	4016.769	2.148	2.731	289.171	1	14.709
9/30/2017 15:50	2569800	12.707	17.719	28.963	3457.147	4015.591	2.148	2.731	289.256	1	14.708
9/30/2017 15:55	2570100	12.707	17.719	28.962	3457.371	4015.836	2.148	2.731	289.237	1	14.708
9/30/2017 16:00	2570400	12.708	17.719	28.967	3457.523	4016.022	2.148	2.731	289.224	1	14.707
9/30/2017 16:05	2570700	12.709	17.719	28.967	3457.74	4016.303	2.148	2.731	289.206	1	14.706
9/30/2017 16:10	2571000	12.708	17.719	28.965	3457.238	4015.713	2.148	2.731	289.248	1	14.705
9/30/2017 16:15	2571300	12.71	17.718	28.969	3456.854	4015.338	2.148	2.73	289.28	1	14.703
9/30/2017 16:20	2571600	12.711	17.719	28.972	3456.573	4014.948	2.147	2.73	289.304	1	14.702
9/30/2017 16:25	2571900	12.711	17.718	28.973	3456.765	4015.187	2.147	2.73	289.288	1	14.701
9/30/2017 16:30	2572200	12.71	17.718	28.97	3456.825	4015.264	2.147	2.73	289.283	1	14.7
9/30/2017 16:35	2572500	12.713	17.718	28.977	3457.55	4016.123	2.148	2.731	289.222	1	14.698
9/30/2017 16:40	2572800	12.713	17.719	28.977	3457.406	4015.916	2.148	2.731	289.234	1	14.696
9/30/2017 16:45	2573100	12.714	17.718	28.978	3457.649	4016.214	2.148	2.731	289.214	1	14.695
9/30/2017 16:50	2573400	12.715	17.719	28.982	3457.393	4015.909	2.148	2.731	289.235	1	14.694
9/30/2017 16:55	2573700	12.713	17.718	28.976	3457.84	4016.468	2.148	2.731	289.198	1	14.694
9/30/2017 17:00	2574000	12.715	17.719	28.98	3458.271	4016.921	2.148	2.732	289.162	1	14.694
9/30/2017 17:05	2574300	12.716	17.718	28.984	3458.119	4016.76	2.148	2.731	289.175	1	14.693
9/30/2017 17:10	2574600	12.717	17.719	28.986	3458.404	4017.037	2.148	2.732	289.151	1	14.692
9/30/2017 17:15	2574900	12.716	17.719	28.983	3458.824	4017.563	2.149	2.732	289.116	1	14.692
9/30/2017 17:20	2575200	12.717	17.719	28.987	3458.289	4016.927	2.148	2.732	289.16	1	14.692
9/30/2017 17:25	2575500	12.717	17.719	28.987	3459.13	4017.904	2.149	2.732	289.09	1	14.691
9/30/2017 17:30	2575800	12.715	17.719	28.982	3460.2	4019.169	2.15	2.733	289.001	1	14.691
9/30/2017 17:35	2576100	12.716	17.718	28.984	3459.045	4017.851	2.149	2.732	289.097	1	14.692
9/30/2017 17:40	2576400	12.713	17.718	28.978	3459.448	4018.26	2.149	2.732	289.064	1	14.692
9/30/2017 17:45	2576700	12.713	17.718	28.976	3460.215	4019.194	2.15	2.733	288.999	1	14.693
9/30/2017 17:50	2577000	12.716	17.719	28.984	3459.637	4018.508	2.149	2.733	289.048	1	14.69
9/30/2017 17:55	2577300	12.719	17.719	28.99	3460.411	4019.399	2.15	2.733	288.983	1	14.687
9/30/2017 18:00	2577600	12.722	17.718	28.998	3460.266	4019.269	2.15	2.733	288.995	1	14.684
9/30/2017 18:05	2577900	12.72	17.719	28.994	3460.669	4019.714	2.15	2.733	288.961	1	14.686
9/30/2017 18:10	2578200	12.718	17.719	28.988	3460.321	4019.311	2.15	2.733	288.991	1	14.687
9/30/2017 18:15	2578500	12.717	17.719	28.985	3459.814	4018.713	2.149	2.733	289.033	1	14.688
9/30/2017 18:20	2578800	12.716	17.719	28.984	3459.557	4018.4	2.149	2.733	289.054	1	14.687
9/30/2017 18:25	2579100	12.717	17.719	28.985	3459.242	4018.057	2.149	2.732	289.081	1	14.687
9/30/2017 18:30	2579400	12.719	17.718	28.99	3459.425	4018.284	2.149	2.732	289.065	1	14.686
9/30/2017 18:35	2579700	12.718	17.719	28.987	3459.149	4017.926	2.149	2.732	289.088	1	14.687
9/30/2017 18:40	2580000	12.716	17.719	28.984	3459.295	4018.094	2.149	2.732	289.076	1	14.687
9/30/2017 18:45	2580300	12.716	17.718	28.984	3459.477	4018.284	2.149	2.732	289.061	1	14.688
9/30/2017 18:50	2580600	12.716	17.719	28.984	3458.202	4016.833	2.148	2.731	289.168	1	14.689
9/30/2017 18:55	2580900	12.716	17.719	28.984	3458.867	4017.598	2.149	2.732	289.112	1	14.691
9/30/2017 19:00	2581200	12.716	17.719	28.983	3458.02	4016.638	2.148	2.731	289.183	1	14.692
9/30/2017 19:05	2581500	12.716	17.719	28.983	3457.511	4016.047	2.148	2.731	289.225	1	14.692
9/30/2017 19:10	2581800	12.715	17.718	28.981	3457.357	4015.891	2.148	2.731	289.238	1	14.692
9/30/2017 19:15	2582100	12.716	17.719	28.984	3457.249	4015.749	2.148	2.731	289.247	1	14.692
9/30/2017 19:20	2582400	12.715	17.719	28.982	3456.45	4014.814	2.147	2.73	289.314	1	14.693
9/30/2017 19:25	2582700	12.716	17.718	28.983	3456.743	4015.185	2.147	2.73	289.29	1	14.694
9/30/2017 19:30	2583000	12.717	17.718	28.985	3456.018	4014.327	2.147	2.73	289.35	1	14.695
9/30/2017 19:35	2583300	12.715	17.718	28.982	3455.758	4014.026	2.147	2.73	289.372	1	14.695
9/30/2017 19:40	2583600	12.717	17.719	28.985	3454.617	4012.638	2.146	2.729	289.468	1	14.695
9/30/2017 19:45	2583900	12.717	17.719	28.985	3455.084	4013.219	2.146	2.729	289.429	1	14.695
9/30/2017 19:50	2584200	12.718	17.719	28.989	3454.593	4012.649	2.146	2.729	289.47	1	14.695
9/30/2017 19:55	2584500	12.719	17.719	28.989	3453.354	4011.201	2.145	2.728	289.574	1	14.694
9/30/2017 20:00	2584800	12.719	17.719	28.99	3452.476	4010.198	2.145	2.727	289.647	1	14.694
9/30/2017 20:05	2585100	12.719	17.719	28.99	3452.484	4010.176	2.145	2.727	289.647	1	14.696
9/30/2017 20:10	2585400	12.718	17.719	28.989	3451.727	4009.32	2.144	2.726	289.71	1	14.698
9/30/2017 20:15	2585700	12.716	17.719	28.983	3452.269	4009.841	2.144	2.727	289.665	1	14.7
9/30/2017 20:20	2586000	12.719	17.718	28.991	3451.609	4009.213	2.144	2.726	289.72	1	14.7
9/30/2017 20:25	2586300	12.719	17.719	28.991	3450.766	4008.179	2.143	2.726	289.791	1	14.7
9/30/2017 20:30	2586600	12.718	17.719	28.989	3449.671	4006.94	2.143	2.725	289.883	1	14.7
9/30/2017 20:35	2586900	12.719	17.718	28.99	3448.657	4005.833	2.142	2.724	289.968	1	14.701
9/30/2017 20:40	2587200	12.717	17.719	28.987	3449.094	4006.253	2.142	2.724	289.931	1	14.701
9/30/2017 20:45	2587500	12.72	17.719	28.992	3448.16	4005.216	2.142	2.724	290.02	1	14.702
9/30/2017 20:50	2587800	12.718	17.								

10/1/2017 7:15	2625300	12.736	17.718	29.029	3427.098	3980.736	2.128	2.707	291.792	1	14.704
10/1/2017 7:20	2625600	12.74	17.719	29.039	3426.512	3980.04	2.127	2.706	291.842	1	14.703
10/1/2017 7:25	2625900	12.737	17.718	29.032	3425.665	3979.063	2.127	2.706	291.914	1	14.701
10/1/2017 7:30	2626200	12.737	17.718	29.031	3425.459	3978.823	2.127	2.706	291.932	1	14.7
10/1/2017 7:35	2626500	12.737	17.718	29.032	3424.799	3978.08	2.126	2.705	291.988	1	14.701
10/1/2017 7:40	2626800	12.736	17.718	29.029	3424.385	3977.592	2.126	2.705	292.023	1	14.702
10/1/2017 7:45	2627100	12.734	17.719	29.025	3424.681	3977.919	2.126	2.705	291.998	1	14.703
10/1/2017 7:50	2627400	12.735	17.718	29.027	3424.279	3977.469	2.126	2.705	292.032	1	14.703
10/1/2017 7:55	2627700	12.737	17.718	29.031	3423.463	3976.543	2.126	2.704	292.102	1	14.703
10/1/2017 8:00	2628000	12.735	17.718	29.027	3423.931	3977.064	2.126	2.704	292.062	1	14.703
10/1/2017 8:05	2628300	12.736	17.718	29.03	3423.961	3977.092	2.126	2.704	292.059	1	14.704
10/1/2017 8:10	2628600	12.735	17.718	29.027	3423.041	3976.023	2.125	2.704	292.138	1	14.705
10/1/2017 8:15	2628900	12.735	17.719	29.027	3423.586	3976.641	2.126	2.704	292.106	1	14.706
10/1/2017 8:20	2629200	12.733	17.718	29.022	3422.862	3975.806	2.125	2.704	292.153	1	14.709
10/1/2017 8:25	2629500	12.731	17.718	29.018	3422.235	3975.086	2.125	2.703	292.207	1	14.711
10/1/2017 8:30	2629800	12.731	17.718	29.018	3422.047	3974.869	2.125	2.703	292.223	1	14.713
10/1/2017 8:35	2630100	12.731	17.718	29.017	3421.497	3974.237	2.124	2.702	292.27	1	14.712
10/1/2017 8:40	2630400	12.731	17.718	29.019	3421.637	3974.399	2.124	2.703	292.258	1	14.712
10/1/2017 8:45	2630700	12.731	17.718	29.015	3421.798	3974.583	2.123	2.703	292.245	1	14.711
10/1/2017 8:50	2631000	12.734	17.718	29.025	3420.726	3973.342	2.124	2.702	292.336	1	14.709
10/1/2017 8:55	2631300	12.737	17.719	29.031	3420.808	3973.398	2.124	2.702	292.329	1	14.706
10/1/2017 9:00	2631600	12.74	17.718	29.039	3420.474	3973.064	2.124	2.702	292.357	1	14.703
10/1/2017 9:05	2631900	12.744	17.718	29.048	3420.5	3973.071	2.124	2.702	292.355	1	14.704
10/1/2017 9:10	2632200	12.739	17.718	29.036	3419.883	3972.355	2.123	2.701	292.408	1	14.704
10/1/2017 9:15	2632500	12.738	17.719	29.034	3419.414	3971.772	2.123	2.701	292.448	1	14.705
10/1/2017 9:20	2632800	12.737	17.719	29.032	3420.259	3972.745	2.123	2.701	292.375	1	14.705
10/1/2017 9:25	2633100	12.738	17.718	29.033	3419.865	3972.333	2.123	2.701	292.409	1	14.705
10/1/2017 9:30	2633400	12.739	17.718	29.036	3418.601	3970.881	2.122	2.7	292.517	1	14.705
10/1/2017 9:35	2633700	12.738	17.718	29.034	3419.861	3972.336	2.123	2.701	292.41	1	14.706
10/1/2017 9:40	2634000	12.737	17.718	29.032	3419.125	3971.481	2.123	2.701	292.473	1	14.707
10/1/2017 9:45	2634300	12.735	17.718	29.026	3418.287	3970.525	2.122	2.7	292.544	1	14.707
10/1/2017 9:50	2634600	12.733	17.719	29.023	3419.03	3971.349	2.123	2.701	292.481	1	14.707
10/1/2017 9:55	2634900	12.733	17.718	29.023	3418.99	3971.309	2.123	2.7	292.484	1	14.707
10/1/2017 10:00	2635200	12.734	17.718	29.025	3418.158	3970.366	2.122	2.7	292.555	1	14.707
10/1/2017 10:05	2635500	12.736	17.718	29.028	3418.469	3970.704	2.122	2.7	292.529	1	14.705
10/1/2017 10:10	2635800	12.738	17.718	29.033	3418.829	3971.123	2.122	2.7	292.498	1	14.703
10/1/2017 10:15	2636100	12.739	17.719	29.036	3418.944	3971.264	2.123	2.7	292.488	1	14.708
10/1/2017 10:20	2636400	12.737	17.718	29.033	3419.073	3971.421	2.123	2.701	292.477	1	14.701
10/1/2017 10:25	2636700	12.737	17.719	29.032	3418.494	3970.71	2.122	2.7	292.527	1	14.702
10/1/2017 10:30	2637000	12.734	17.718	29.025	3418.208	3970.402	2.122	2.7	292.551	1	14.703
10/1/2017 10:35	2637300	12.734	17.718	29.025	3419.153	3971.499	2.123	2.701	292.47	1	14.702
10/1/2017 10:40	2637600	12.734	17.718	29.025	3418.745	3971.024	2.122	2.7	292.505	1	14.702
10/1/2017 10:45	2637900	12.734	17.718	29.026	3419.592	3972.012	2.123	2.701	292.433	1	14.703
10/1/2017 10:50	2638200	12.735	17.719	29.027	3419.703	3972.131	2.123	2.701	292.423	1	14.7
10/1/2017 10:55	2638500	12.736	17.718	29.03	3419.153	3971.507	2.123	2.701	292.47	1	14.697
10/1/2017 11:00	2638800	12.737	17.718	29.032	3419.171	3971.543	2.123	2.701	292.469	1	14.695
10/1/2017 11:05	2639100	12.739	17.718	29.036	3419.291	3971.69	2.123	2.701	292.458	1	14.694
10/1/2017 11:10	2639400	12.742	17.718	29.042	3420.286	3972.846	2.123	2.702	292.373	1	14.692
10/1/2017 11:15	2639700	12.741	17.719	29.047	3420.33	3972.843	2.123	2.702	292.369	1	14.691
10/1/2017 11:20	2640000	12.74	17.718	29.038	3420.059	3972.559	2.123	2.701	292.393	1	14.692
10/1/2017 11:25	2640300	12.74	17.719	29.038	3420.23	3972.727	2.123	2.701	292.378	1	14.694
10/1/2017 11:30	2640600	12.739	17.718	29.037	3420.465	3973.023	2.124	2.702	292.358	1	14.695
10/1/2017 11:35	2640900	12.741	17.718	29.041	3420.395	3972.957	2.123	2.702	292.364	1	14.695
10/1/2017 11:40	2641200	12.74	17.718	29.038	3420.268	3972.802	2.123	2.702	292.375	1	14.694
10/1/2017 11:45	2641500	12.74	17.718	29.039	3421.55	3974.299	2.124	2.703	292.265	1	14.693
10/1/2017 11:50	2641800	12.738	17.718	29.025	3421.396	3974.104	2.124	2.702	292.278	1	14.694
10/1/2017 11:55	2642100	12.738	17.718	29.035	3421.79	3974.585	2.124	2.703	292.245	1	14.694
10/1/2017 12:00	2642400	12.738	17.718	29.034	3421.646	3974.409	2.124	2.703	292.257	1	14.695
10/1/2017 12:05	2642700	12.738	17.718	29.034	3422.152	3974.991	2.125	2.703	292.214	1	14.695
10/1/2017 12:10	2643000	12.738	17.718	29.035	3422.337	3975.212	2.125	2.703	292.198	1	14.695
10/1/2017 12:15	2643300	12.739	17.718	29.036	3422.534	3975.449	2.125	2.703	292.181	1	14.695
10/1/2017 12:20	2643600	12.74	17.718	29.038	3422.49	3975.383	2.125	2.703	292.185	1	14.695
10/1/2017 12:25	2643900	12.74	17.718	29.039	3422.697	3975.638	2.125	2.703	292.167	1	14.695
10/1/2017 12:30	2644200	12.739	17.718	29.035	3422.739	3975.672	2.125	2.703	292.164	1	14.694
10/1/2017 12:35	2644500	12.739	17.718	29.037	3422.184	3975.043	2.125	2.703	292.211	1	14.694
10/1/2017 12:40	2644800	12.739	17.718	29.036	3422.712	3975.641	2.125	2.703	292.166	1	14.693
10/1/2017 12:45	2645100	12.74	17.718	29.038	3422.308	3975.187	2.125	2.703	292.201	1	14.692
10/1/2017 12:50	2645400	12.74	17.718	29.037	3422.739	3975.702	2.125	2.703	292.154	1	14.694
10/1/2017 12:55	2645700	12.741	17.718	29.04	3422.29	3975.142	2.125	2.703	292.202	1	14.691
10/1/2017 13:00	2646000	12.739	17.719	29.037	3422.777	3975.686	2.125	2.703	292.16	1	14.69
10/1/2017 13:05	2646300	12.74	17.718	29.039	3421.809	3974.591	2.124	2.703	292.243	1	14.69
10/1/2017 13:10	2646600	12.738	17.718	29.035	3421.367	3974.094	2.124	2.702	292.281	1	14.69
10/1/2017 13:15	2646900	12.736	17.719	29.029	3421.957	3974.748	2.124	2.703	292.23	1	14.69
10/1/2017 13:20	2647200	12.739	17.719	29.036	3422.04	3974.883	2.125	2.703	292.223	1	14.687
10/1/2017 13:25	2647500	12.741	17.719	29.041	3422.19	3975.011	2.125	2.703	292.211	1	14.684
10/1/2017 13:30	2647800	12.742	17.719	29.044	3422.133	3974.945	2.125	2.703	292.215	1	14.681
10/1/2017 13:35	2648100	12.737	17.719	29.032	3422.133	3974.945	2.125	2.703	292.215	1	14.681
10/1/2017 13:40	2648400	12.742	17.718	29.044	3422.969	3975.94	2.125	2.704	292.144	1	14.681
10/1/2017 13:45	2648700	12.741	17.718	29.041	3423.877	3976.994	2.126	2.704	292.067	1	14.681
10/1/2017 13:50	2649000	12.74	17.719	29.039	3423.345	3976.558	2.126	2.705	292.027	1	14.681
10/1/2017 13:55	2649300	12.741	17.718	29.041	3423.936	3977.063	2.126	2.704	292.062	1	14.68
10/1/2017 14:00	2649600	12.742	17.718	29.042	3424.631	3977.9	2.126	2.705	292.002	1	14.679
10/1/2017 14:05	2649900	12.742	17.718	29.044	3424.662	3977.913	2.126	2.705	292	1	14.677
10/1/2017 14:10	2650200	12.742	17.718	29.044	3424.814	3978.075	2.126	2.705	291.987	1	14.675
10/1/2017 14:15	2650500	12.744	17.718	29.047	3424.463	3977.675	2.126	2.705	292.017	1	14.673
10/1/2017 14:20	2650800	12.744	17.718	29.047	3424.358	3977.584	2.126	2.705	292.025	1	14.673
10/1/2017 14:25	2651100	12.743	17.718	29.044	3424.34						

10/2/2017 0:50	2688600	12.75	17.718	29.062	3391.793	3939.735	2.105	2.679	294.829	1	14.644
10/2/2017 0:55	2688900	12.755	17.718	29.072	3391.164	3938.989	2.104	2.679	294.884	1	14.639
10/2/2017 1:00	2689200	12.761	17.718	29.085	3390.43	3938.159	2.104	2.678	294.948	1	14.634
10/2/2017 1:05	2689500	12.759	17.718	29.081	3390.414	3938.155	2.104	2.678	294.949	1	14.636
10/2/2017 1:10	2689800	12.756	17.718	29.074	3390.427	3938.164	2.104	2.678	294.948	1	14.637
10/2/2017 1:15	2690100	12.754	17.718	29.069	3389.481	3937.057	2.103	2.677	295.03	1	14.639
10/2/2017 1:20	2690400	12.754	17.718	29.069	3388.556	3936.455	2.103	2.677	295.076	1	14.638
10/2/2017 1:25	2690700	12.755	17.718	29.072	3388.373	3935.762	2.102	2.676	295.127	1	14.638
10/2/2017 1:30	2691000	12.755	17.718	29.072	3388.495	3935.935	2.102	2.676	295.116	1	14.637
10/2/2017 1:35	2691300	12.755	17.718	29.073	3388.341	3935.717	2.102	2.676	295.13	1	14.638
10/2/2017 1:40	2691600	12.753	17.718	29.069	3387.712	3935.001	2.102	2.676	295.185	1	14.64
10/2/2017 1:45	2691900	12.752	17.718	29.066	3387.408	3934.626	2.102	2.676	295.211	1	14.641
10/2/2017 1:50	2692200	12.753	17.718	29.069	3387.277	3934.505	2.102	2.675	295.222	1	14.64
10/2/2017 1:55	2692500	12.754	17.718	29.069	3387.665	3934.932	2.102	2.676	295.189	1	14.639
10/2/2017 2:00	2692800	12.756	17.718	29.076	3387.603	3934.906	2.102	2.676	295.194	1	14.638
10/2/2017 2:05	2693100	12.756	17.718	29.075	3386.239	3933.283	2.101	2.675	295.313	1	14.639
10/2/2017 2:10	2693400	12.755	17.718	29.072	3386.41	3933.513	2.101	2.675	295.298	1	14.64
10/2/2017 2:15	2693700	12.754	17.718	29.069	3386.316	3933.396	2.101	2.675	295.306	1	14.641
10/2/2017 2:20	2694000	12.758	17.718	29.079	3385.915	3932.915	2.101	2.652	295.341	1	14.642
10/2/2017 2:25	2694300	12.752	17.718	29.066	3385.927	3932.92	2.101	2.674	295.34	1	14.643
10/2/2017 2:30	2694600	12.752	17.718	29.065	3385.319	3932.261	2.1	2.674	295.393	1	14.643
10/2/2017 2:35	2694900	12.753	17.719	29.067	3385.121	3931.962	2.1	2.674	295.41	1	14.643
10/2/2017 2:40	2695200	12.753	17.718	29.069	3384.884	3931.747	2.1	2.674	295.431	1	14.642
10/2/2017 2:45	2695500	12.753	17.717	29.067	3384.62	3931.479	2.1	2.673	295.454	1	14.641
10/2/2017 2:50	2695800	12.754	17.718	29.074	3384.694	3931.497	2.1	2.673	295.448	1	14.64
10/2/2017 2:55	2696100	12.754	17.718	29.071	3384.298	3931.066	2.1	2.673	295.482	1	14.639
10/2/2017 3:00	2696400	12.755	17.718	29.072	3384.996	3931.839	2.1	2.674	295.421	1	14.639
10/2/2017 3:05	2696700	12.754	17.718	29.071	3384.295	3931.018	2.1	2.673	295.483	1	14.639
10/2/2017 3:10	2697000	12.754	17.718	29.07	3384.075	3930.754	2.1	2.673	295.502	1	14.64
10/2/2017 3:15	2697300	12.753	17.718	29.067	3383.566	3930.178	2.099	2.673	295.546	1	14.641
10/2/2017 3:20	2697600	12.753	17.718	29.067	3384.2	3930.907	2.1	2.673	295.491	1	14.64
10/2/2017 3:25	2697900	12.755	17.718	29.072	3383.425	3930.061	2.099	2.672	295.558	1	14.638
10/2/2017 3:30	2698200	12.758	17.718	29.079	3384.043	3930.763	2.1	2.673	295.505	1	14.637
10/2/2017 3:35	2698500	12.757	17.718	29.078	3383.284	3929.897	2.099	2.672	295.571	1	14.637
10/2/2017 3:40	2698800	12.757	17.717	29.078	3383.04	3929.636	2.099	2.672	295.592	1	14.636
10/2/2017 3:45	2699100	12.757	17.718	29.077	3382.982	3929.508	2.099	2.672	295.597	1	14.636
10/2/2017 3:50	2699400	12.757	17.718	29.077	3382.626	3929.107	2.099	2.672	295.628	1	14.636
10/2/2017 3:55	2699700	12.757	17.718	29.077	3383.4	3929.978	2.099	2.672	295.561	1	14.635
10/2/2017 4:00	2700000	12.757	17.718	29.077	3383.02	3929.529	2.099	2.672	295.594	1	14.635
10/2/2017 4:05	2700300	12.757	17.718	29.076	3383.146	3929.69	2.099	2.672	295.583	1	14.635
10/2/2017 4:10	2700600	12.759	17.718	29.082	3382.175	3928.601	2.098	2.671	295.668	1	14.634
10/2/2017 4:15	2700900	12.76	17.718	29.084	3382.694	3929.188	2.099	2.672	295.622	1	14.634
10/2/2017 4:20	2701200	12.76	17.718	29.084	3382.408	3928.488	2.098	2.671	295.679	1	14.634
10/2/2017 4:25	2701500	12.761	17.718	29.086	3381.586	3927.878	2.098	2.671	295.719	1	14.634
10/2/2017 4:30	2701800	12.761	17.718	29.087	3381.644	3927.968	2.098	2.671	295.714	1	14.634
10/2/2017 4:35	2702100	12.76	17.719	29.084	3382.097	3928.45	2.098	2.671	295.674	1	14.636
10/2/2017 4:40	2702400	12.76	17.718	29.083	3381.569	3927.913	2.098	2.671	295.721	1	14.637
10/2/2017 4:45	2702700	12.758	17.718	29.079	3380.986	3927.197	2.098	2.67	295.772	1	14.639
10/2/2017 4:50	2703000	12.757	17.718	29.077	3380.23	3926.326	2.097	2.67	295.838	1	14.64
10/2/2017 4:55	2703300	12.755	17.718	29.072	3380.158	3926.212	2.097	2.671	295.844	1	14.641
10/2/2017 5:00	2703600	12.755	17.718	29.072	3379.643	3925.622	2.097	2.669	295.889	1	14.641
10/2/2017 5:05	2703900	12.754	17.718	29.07	3379.358	3925.298	2.096	2.669	295.914	1	14.643
10/2/2017 5:10	2704200	12.752	17.718	29.066	3379.132	3925.028	2.096	2.669	295.934	1	14.644
10/2/2017 5:15	2704500	12.752	17.718	29.065	3379.479	3925.453	2.097	2.669	295.904	1	14.646
10/2/2017 5:20	2704800	12.754	17.718	29.071	3378.809	3924.661	2.096	2.669	295.962	1	14.644
10/2/2017 5:25	2705100	12.753	17.718	29.068	3378.218	3923.989	2.096	2.668	296.014	1	14.642
10/2/2017 5:30	2705400	12.76	17.718	29.084	3378.982	3924.869	2.096	2.669	295.947	1	14.64
10/2/2017 5:35	2705700	12.754	17.718	29.07	3378.859	3924.704	2.096	2.669	295.958	1	14.643
10/2/2017 5:40	2706000	12.751	17.718	29.063	3378.123	3923.887	2.096	2.668	296.022	1	14.646
10/2/2017 5:45	2706300	12.745	17.718	29.051	3377.716	3923.383	2.095	2.668	296.058	1	14.649
10/2/2017 5:50	2706600	12.748	17.718	29.056	3368.98	3913.244	2.09	2.661	296.826	1	14.647
10/2/2017 5:55	2706900	12.751	17.718	29.064	3348.346	3889.269	2.076	2.645	298.655	1	14.642
10/2/2017 6:00	2707200	12.754	17.718	29.07	3325.284	3863.062	2.061	2.627	300.681	1	14.641
10/2/2017 6:05	2707500	12.753	17.718	29.069	3302.678	3836.238	2.046	2.609	302.785	1	14.64
10/2/2017 6:10	2707800	12.755	17.718	29.072	3281.444	3811.566	2.032	2.592	304.744	1	14.64
10/2/2017 6:15	2708100	12.753	17.718	29.069	3261.955	3788.943	2.019	2.576	306.565	1	14.64
10/2/2017 6:20	2708400	12.754	17.718	29.07	3242.886	3766.786	2.007	2.561	308.367	1	14.64
10/2/2017 6:25	2708700	12.756	17.718	29.074	3223.538	3744.312	1.994	2.546	310.218	1	14.641
10/2/2017 6:30	2709000	12.757	17.718	29.077	3206.199	3724.151	1.983	2.532	311.896	1	14.639
10/2/2017 6:35	2709300	12.756	17.718	29.075	3188.893	3704.056	1.971	2.519	313.588	1	14.64
10/2/2017 6:40	2709600	12.756	17.718	29.074	3172.982	3685.625	1.961	2.506	315.161	1	14.641
10/2/2017 6:45	2709900	12.756	17.718	29.076	3156.626	3666.584	1.95	2.493	316.794	1	14.642
10/2/2017 6:50	2710200	12.754	17.718	29.07	3140.459	3647.784	1.94	2.48	318.425	1	14.643
10/2/2017 6:55	2710500	12.754	17.718	29.071	3125.803	3620.782	1.93	2.469	319.918	1	14.648
10/2/2017 7:00	2710800	12.754	17.718	29.071	3111.368	3614.042	1.921	2.458	321.402	1	14.645
10/2/2017 7:05	2711100	12.753	17.718	29.067	3096.681	3596.947	1.911	2.446	322.926	1	14.645
10/2/2017 7:10	2711400	12.754	17.718	29.071	3079.562	3577.097	1.9	2.432	324.721	1	14.645
10/2/2017 7:15	2711700	12.755	17.718	29.072	3063.575	3558.493	1.89	2.42	326.416	1	14.645
10/2/2017 7:20	2712000	12.755	17.718	29.071	3049.246	3541.487	1.88	2.408	327.95	1	14.647
10/2/2017 7:25	2712300	12.757	17.718	29.067	3037.754	3525.297	1.873	2.399	329.191	1	14.649
10/2/2017 7:30	2712600	12.751	17.718	29.063	3025.464	3514.24	1.865	2.439	330.528	1	14.651
10/2/2017 7:35	2712900	12.754	17.718	29.07	3013.721	3500.572	1.857	2.38	331.816	1	14.649
10/2/2017 7:40	2713200	12.755	17.718	29.073	3001.751	3486.696	1.849	2.371	333.139	1	14.647
10/2/2017 7:45	2713500	12.757	17.718	29.076	2991.078	3474.298	1.842	2.363	334.328	1	14.645
10/2/2017 7:50	2713800	12.757	17.719	29.076	2980.608	3462.096	1.835	2.354	335.502	1	14.646
10/2/2017 7:55	2714100	12.758	17.718	29.079	2970.244	3450.029	1.829	2.346	336.673	1	14.647
10/2/2017 8:00	2714400	12.755	17.718	29.073	2958.753	3436.77	1.821	2.337	337.98	1	14.648

10/2/2017 18:25	2751900	12.708	17.718	28.966	2592.346	3011.166	1.584	2.048	385.751	1	14.632
10/2/2017 18:30	2752200	12.709	17.718	28.968	2592.04	3010.8	1.583	2.047	385.796	1	14.631
10/2/2017 18:35	2752500	12.712	17.718	28.974	2592.052	3010.842	1.583	2.047	385.795	1	14.631
10/2/2017 18:40	2752800	12.713	17.718	28.978	2591.986	3010.76	1.583	2.047	385.805	1	14.63
10/2/2017 18:45	2753100	12.713	17.718	28.977	2591.351	3010.005	1.583	2.047	385.899	1	14.63
10/2/2017 18:50	2753400	12.711	17.718	28.972	2591.236	3009.872	1.583	2.047	385.916	1	14.632
10/2/2017 18:55	2753700	12.709	17.718	28.968	2591.069	3009.69	1.583	2.047	385.941	1	14.635
10/2/2017 19:00	2754000	12.707	17.718	28.963	2589.872	3008.275	1.582	2.046	386.12	1	14.638
10/2/2017 19:05	2754300	12.706	17.718	28.962	2589.229	3007.563	1.582	2.045	386.215	1	14.639
10/2/2017 19:10	2754600	12.701	17.718	28.95	2588.873	3007.15	1.581	2.045	386.269	1	14.64
10/2/2017 19:15	2754900	12.697	17.718	28.939	2589.323	3007.661	1.582	2.045	386.201	1	14.64
10/2/2017 19:20	2755200	12.7	17.718	28.947	2589.307	3007.596	1.582	2.045	386.204	1	14.637
10/2/2017 19:25	2755500	12.704	17.718	28.957	2589.653	3008.015	1.582	2.045	386.152	1	14.635
10/2/2017 19:30	2755800	12.707	17.718	28.964	2589.464	3007.802	1.582	2.045	386.18	1	14.632
10/2/2017 19:35	2756100	12.708	17.718	28.965	2589.65	3008.023	1.582	2.045	386.152	1	14.633
10/2/2017 19:40	2756400	12.706	17.718	28.961	2588.993	3007.26	1.581	2.045	386.251	1	14.635
10/2/2017 19:45	2756700	12.706	17.718	28.96	2589.478	3007.835	1.582	2.045	386.178	1	14.636
10/2/2017 19:50	2757000	12.708	17.718	28.964	2589.024	3007.307	1.581	2.045	386.246	1	14.635
10/2/2017 19:55	2757300	12.707	17.718	28.964	2588.848	3007.08	1.581	2.045	386.272	1	14.634
10/2/2017 20:00	2757600	12.708	17.718	28.965	2588.509	3006.709	1.581	2.045	386.323	1	14.633
10/2/2017 20:05	2757900	12.707	17.718	28.962	2587.926	3006.039	1.581	2.044	386.41	1	14.634
10/2/2017 20:10	2758200	12.707	17.718	28.963	2587.764	3005.839	1.581	2.044	386.434	1	14.635
10/2/2017 20:15	2758500	12.705	17.718	28.958	2587.903	3006.012	1.581	2.044	386.413	1	14.636
10/2/2017 20:20	2758800	12.706	17.718	28.962	2586.874	3004.799	1.58	2.043	386.567	1	14.636
10/2/2017 20:25	2759100	12.706	17.717	28.96	2587.287	3005.314	1.58	2.044	386.505	1	14.636
10/2/2017 20:30	2759400	12.705	17.718	28.96	2586.764	3004.689	1.58	2.043	386.583	1	14.636
10/2/2017 20:35	2759700	12.703	17.717	28.954	2584.637	3002.253	1.579	2.042	386.902	1	14.636
10/2/2017 20:40	2760000	12.703	17.718	28.954	2586.574	3004.475	1.58	2.043	386.612	1	14.636
10/2/2017 20:45	2760300	12.703	17.718	28.955	2585.559	3003.295	1.579	2.042	386.764	1	14.636
10/2/2017 20:50	2760600	12.706	17.718	28.962	2585.752	3003.502	1.579	2.042	386.735	1	14.633
10/2/2017 20:55	2760900	12.707	17.718	28.962	2585.627	3003.357	1.579	2.042	386.753	1	14.631
10/2/2017 21:00	2761200	12.709	17.718	28.968	2585.534	3003.261	1.579	2.042	386.767	1	14.629
10/2/2017 21:05	2761500	12.707	17.718	28.963	2585.81	3003.562	1.579	2.042	386.726	1	14.631
10/2/2017 21:10	2761800	12.705	17.718	28.959	2586.038	3003.828	1.58	2.043	386.692	1	14.632
10/2/2017 21:15	2762100	12.704	17.718	28.955	2585.198	3002.829	1.579	2.042	386.818	1	14.634
10/2/2017 21:20	2762400	12.705	17.718	28.958	2585.887	3003.682	1.579	2.043	386.714	1	14.634
10/2/2017 21:25	2762700	12.706	17.718	28.96	2584.717	3002.322	1.579	2.042	386.89	1	14.632
10/2/2017 21:30	2763000	12.704	17.718	28.956	2584.718	3002.283	1.579	2.042	386.889	1	14.633
10/2/2017 21:35	2763300	12.705	17.718	28.959	2585.185	3002.861	1.579	2.042	386.819	1	14.632
10/2/2017 21:40	2763600	12.705	17.718	28.959	2584.534	3002.099	1.579	2.041	386.917	1	14.631
10/2/2017 21:45	2763900	12.706	17.718	28.961	2583.626	3001.021	1.578	2.041	387.053	1	14.63
10/2/2017 21:50	2764200	12.702	17.718	28.952	2583.144	3000.454	1.578	2.04	387.125	1	14.632
10/2/2017 21:55	2764500	12.702	17.718	28.952	2582.791	3000.074	1.577	2.04	387.178	1	14.635
10/2/2017 22:00	2764800	12.699	17.718	28.945	2582.24	2999.44	1.577	2.04	387.261	1	14.638
10/2/2017 22:05	2765100	12.7	17.718	28.946	2582.37	2999.573	1.577	2.04	387.241	1	14.636
10/2/2017 22:10	2765400	12.702	17.718	28.951	2581.43	2998.481	1.577	2.039	387.382	1	14.635
10/2/2017 22:15	2765700	12.7	17.718	28.947	2580.7	2997.634	1.576	2.038	387.492	1	14.634
10/2/2017 22:20	2766000	12.701	17.718	28.949	2580.806	2997.739	1.576	2.038	387.476	1	14.633
10/2/2017 22:25	2766300	12.7	17.718	28.945	2579.836	2996.841	1.576	2.038	387.622	1	14.632
10/2/2017 22:30	2766600	12.696	17.718	28.939	2579.552	2996.305	1.575	2.037	387.664	1	14.633
10/2/2017 22:35	2766900	12.699	17.718	28.946	2578.76	2995.385	1.575	2.037	387.783	1	14.632
10/2/2017 22:40	2767200	12.697	17.718	28.941	2578.664	2995.286	1.575	2.037	387.798	1	14.631
10/2/2017 22:45	2767500	12.698	17.718	28.943	2577.883	2994.367	1.574	2.036	387.915	1	14.631
10/2/2017 22:50	2767800	12.7	17.718	28.948	2582.604	2999.857	1.577	2.04	387.206	1	14.63
10/2/2017 22:55	2768100	12.699	17.718	28.944	2595.274	3014.585	1.586	2.05	385.316	1	14.629
10/2/2017 23:00	2768400	12.701	17.718	28.95	2614.172	3036.537	1.598	2.065	382.53	1	14.628
10/2/2017 23:05	2768700	12.699	17.718	28.95	2613.853	3059.391	1.61	2.08	379.672	1	14.628
10/2/2017 23:10	2769000	12.7	17.718	28.948	2654.031	3082.817	1.623	2.096	376.785	1	14.627
10/2/2017 23:15	2769300	12.701	17.717	28.949	2671.813	3103.509	1.635	2.11	374.278	1	14.627
10/2/2017 23:20	2769600	12.701	17.718	28.95	2689.654	3124.208	1.646	2.124	371.795	1	14.627
10/2/2017 23:25	2769900	12.699	17.718	28.945	2705.98	3143.178	1.657	2.137	369.552	1	14.627
10/2/2017 23:30	2770200	12.698	17.718	28.958	2722.186	3152.002	1.668	2.15	367.352	1	14.626
10/2/2017 23:35	2770500	12.699	17.717	28.946	2736.76	3178.937	1.677	2.162	365.396	1	14.625
10/2/2017 23:40	2770800	12.699	17.717	28.945	2750.654	3195.076	1.686	2.173	363.55	1	14.625
10/2/2017 23:45	2771100	12.698	17.718	28.943	2763.981	3210.543	1.695	2.183	361.797	1	14.624
10/2/2017 23:50	2771400	12.702	17.718	28.951	2776.355	3224.911	1.703	2.193	360.184	1	14.622
10/2/2017 23:55	2771700	12.703	17.718	28.954	2788.89	3239.484	1.711	2.203	358.566	1	14.619
10/3/2017 0:00	2772000	12.705	17.718	28.959	2801.977	3254.653	1.719	2.213	356.891	1	14.619
10/3/2017 0:05	2772300	12.704	17.718	28.956	2814.001	3268.632	1.727	2.223	355.366	1	14.619
10/3/2017 0:10	2772600	12.702	17.718	28.953	2826.134	3282.707	1.735	2.232	353.84	1	14.622
10/3/2017 0:15	2772900	12.699	17.718	28.946	2838.073	3296.568	1.743	2.242	352.352	1	14.624
10/3/2017 0:20	2773200	12.701	17.718	28.95	2849.709	3310.122	1.75	2.251	350.913	1	14.623
10/3/2017 0:25	2773500	12.702	17.718	28.951	2861.446	3323.749	1.758	2.26	349.474	1	14.621
10/3/2017 0:30	2773800	12.703	17.718	28.953	2873.084	3337.241	1.765	2.269	348.058	1	14.62
10/3/2017 0:35	2774100	12.702	17.718	28.953	2883.837	3349.77	1.772	2.278	346.76	1	14.621
10/3/2017 0:40	2774400	12.701	17.718	28.95	2894.135	3361.707	1.779	2.286	345.526	1	14.622
10/3/2017 0:45	2774700	12.698	17.718	28.944	2904.773	3374.089	1.786	2.294	344.261	1	14.623
10/3/2017 0:50	2775000	12.699	17.717	28.944	2915.174	3386.184	1.793	2.303	343.033	1	14.622
10/3/2017 0:55	2775300	12.698	17.718	28.943	2925.473	3398.121	1.8	2.311	341.825	1	14.622
10/3/2017 1:00	2775600	12.7	17.718	28.947	2935.225	3409.454	1.806	2.318	340.689	1	14.621
10/3/2017 1:05	2775900	12.701	17.718	28.951	2945.727	3421.679	1.813	2.327	339.47	1	14.619
10/3/2017 1:10	2776200	12.705	17.718	28.958	2955.589	3433.094	1.819	2.335	338.342	1	14.617
10/3/2017 1:15	2776500	12.706	17.718	28.961	2964.146	3443.021	1.825	2.341	337.365	1	14.616
10/3/2017 1:20	2776800	12.705	17.718	28.959	2973.104	3453.454	1.831	2.348	336.349	1	14.616
10/3/2017 1:25	2777100	12.705	17.718	28.958	2981.844	3463.578	1.836	2.355	335.363	1	14.616
10/3/2017 1:30	2777400	12.706	17.718	28.96	2990.199	3473.323	1.842	2.362	334.426	1	14.616
10/3/2017 1:35	2777700	12.704	17.718	28.957	2998.8						

10/3/2017 12:00	2815200	12.696	17.717	28.938	2666.293	3097.102	1.631	2.106	375.053	1	14.656
10/3/2017 12:05	2815500	12.695	17.718	28.936	2664.236	3094.689	1.63	2.104	375.342	1	14.657
10/3/2017 12:10	2815800	12.693	17.718	28.932	2662.168	3092.281	1.629	2.103	375.634	1	14.658
10/3/2017 12:15	2816100	12.691	17.718	28.927	2661.328	3091.269	1.628	2.102	375.752	1	14.659
10/3/2017 12:20	2816400	12.688	17.717	28.92	2659.066	3088.72	1.627	2.1	376.072	1	14.661
10/3/2017 12:25	2816700	12.687	17.718	28.916	2657.54	3086.912	1.626	2.099	376.288	1	14.662
10/3/2017 12:30	2817000	12.687	17.718	28.917	2656.135	3085.268	1.625	2.098	376.467	1	14.663
10/3/2017 12:35	2817300	12.688	17.718	28.919	2654.647	3083.552	1.624	2.097	376.698	1	14.663
10/3/2017 12:40	2817600	12.688	17.717	28.919	2653.828	3082.606	1.623	2.096	376.814	1	14.662
10/3/2017 12:45	2817900	12.688	17.718	28.92	2652.08	3080.57	1.622	2.095	377.063	1	14.662
10/3/2017 12:50	2818200	12.687	17.717	28.918	2650.694	3078.972	1.621	2.094	377.26	1	14.664
10/3/2017 12:55	2818500	12.684	17.718	28.911	2649.378	3077.431	1.62	2.093	377.447	1	14.666
10/3/2017 13:00	2818800	12.681	17.718	28.905	2648.667	3076.587	1.62	2.092	377.548	1	14.667
10/3/2017 13:05	2819100	12.683	17.718	28.908	2647.348	3075.067	1.619	2.091	377.737	1	14.666
10/3/2017 13:10	2819400	12.684	17.717	28.911	2646.26	3073.815	1.618	2.09	377.892	1	14.665
10/3/2017 13:15	2819700	12.686	17.718	28.915	2645.036	3072.375	1.618	2.089	378.067	1	14.664
10/3/2017 13:20	2820000	12.686	17.718	28.914	2643.439	3070.52	1.617	2.088	378.295	1	14.666
10/3/2017 13:25	2820300	12.684	17.718	28.91	2642.673	3069.624	1.616	2.087	378.405	1	14.668
10/3/2017 13:30	2820600	12.682	17.718	28.906	2641.337	3068.073	1.615	2.086	378.596	1	14.67
10/3/2017 13:35	2820900	12.682	17.718	28.907	2640.571	3067.19	1.615	2.086	378.706	1	14.67
10/3/2017 13:40	2821200	12.682	17.718	28.905	2639.83	3066.334	1.614	2.085	378.812	1	14.671
10/3/2017 13:45	2821500	12.683	17.718	28.909	2638.637	3064.949	1.614	2.084	378.983	1	14.672
10/3/2017 13:50	2821800	12.681	17.718	28.904	2637.788	3063.962	1.613	2.083	379.105	1	14.672
10/3/2017 13:55	2822100	12.681	17.718	28.904	2636.836	3062.833	1.612	2.083	379.242	1	14.673
10/3/2017 14:00	2822400	12.681	17.718	28.904	2635.877	3061.742	1.612	2.082	379.38	1	14.674
10/3/2017 14:05	2822700	12.683	17.717	28.908	2634.986	3060.725	1.611	2.081	379.509	1	14.672
10/3/2017 14:10	2823000	12.685	17.718	28.914	2633.39	3058.854	1.61	2.08	379.739	1	14.671
10/3/2017 14:15	2823300	12.685	17.718	28.914	2633.622	3059.11	1.61	2.08	379.705	1	14.67
10/3/2017 14:20	2823600	12.683	17.718	28.908	2632.091	3057.351	1.609	2.079	379.926	1	14.673
10/3/2017 14:25	2823900	12.682	17.718	28.906	2631.675	3056.861	1.609	2.079	379.986	1	14.675
10/3/2017 14:30	2824200	12.677	17.718	28.905	2631.124	3056.216	1.609	2.078	380.066	1	14.678
10/3/2017 14:35	2824500	12.68	17.718	28.903	2630.016	3054.935	1.608	2.077	380.226	1	14.678
10/3/2017 14:40	2824800	12.681	17.718	28.904	2629.494	3054.334	1.608	2.077	380.301	1	14.677
10/3/2017 14:45	2825100	12.681	17.717	28.905	2628.852	3053.6	1.607	2.076	380.394	1	14.677
10/3/2017 14:50	2825400	12.682	17.717	28.906	2627.647	3052.2	1.606	2.075	380.569	1	14.677
10/3/2017 14:55	2825700	12.682	17.718	28.906	2627.015	3051.424	1.606	2.075	380.66	1	14.678
10/3/2017 15:00	2826000	12.681	17.717	28.904	2626.366	3050.966	1.605	2.074	380.799	1	14.679
10/3/2017 15:05	2826300	12.682	17.717	28.906	2624.894	3048.997	1.605	2.073	380.968	1	14.678
10/3/2017 15:10	2826600	12.682	17.718	28.907	2624.541	3048.57	1.604	2.073	381.019	1	14.678
10/3/2017 15:15	2826900	12.683	17.717	28.907	2623.451	3047.326	1.604	2.072	381.177	1	14.678
10/3/2017 15:20	2827200	12.68	17.718	28.902	2622.889	3046.662	1.603	2.072	381.259	1	14.682
10/3/2017 15:25	2827500	12.675	17.718	28.89	2622.204	3045.848	1.603	2.071	381.359	1	14.686
10/3/2017 15:30	2827800	12.67	17.718	28.879	2621.124	3044.609	1.602	2.07	381.516	1	14.69
10/3/2017 15:35	2828100	12.676	17.717	28.892	2620.365	3043.748	1.602	2.07	381.626	1	14.685
10/3/2017 15:40	2828400	12.68	17.717	28.902	2619.425	3042.662	1.601	2.069	381.763	1	14.68
10/3/2017 15:45	2828700	12.686	17.718	28.915	2618.45	3041.453	1.6	2.068	381.905	1	14.675
10/3/2017 15:50	2829000	12.684	17.718	28.91	2618.306	3041.327	1.6	2.068	381.926	1	14.678
10/3/2017 15:55	2829300	12.68	17.717	28.901	2617.618	3040.545	1.6	2.068	382.027	1	14.682
10/3/2017 16:00	2829600	12.677	17.718	28.895	2616.718	3039.476	1.599	2.067	382.158	1	14.685
10/3/2017 16:05	2829900	12.678	17.718	28.898	2615.742	3038.355	1.599	2.066	382.301	1	14.683
10/3/2017 16:10	2830200	12.681	17.718	28.905	2615.546	3038.132	1.599	2.066	382.329	1	14.681
10/3/2017 16:15	2830500	12.683	17.718	28.909	2614.242	3036.6	1.598	2.065	382.52	1	14.679
10/3/2017 16:20	2830800	12.682	17.718	28.906	2613.704	3035.988	1.597	2.064	382.599	1	14.681
10/3/2017 16:25	2831100	12.679	17.717	28.9	2612.71	3034.844	1.597	2.064	382.744	1	14.682
10/3/2017 16:30	2831400	12.678	17.717	28.897	2611.85	3033.863	1.596	2.063	382.87	1	14.683
10/3/2017 16:35	2831700	12.678	17.718	28.898	2611.075	3032.933	1.596	2.062	382.984	1	14.684
10/3/2017 16:40	2832000	12.678	17.718	28.897	2610.101	3031.802	1.595	2.062	383.127	1	14.684
10/3/2017 16:45	2832300	12.677	17.717	28.895	2609.12	3030.674	1.594	2.061	383.271	1	14.685
10/3/2017 16:50	2832600	12.678	17.718	28.897	2608.268	3029.667	1.594	2.06	383.396	1	14.687
10/3/2017 16:55	2832900	12.676	17.717	28.892	2608.266	3029.688	1.594	2.06	383.396	1	14.69
10/3/2017 17:00	2833200	12.675	17.717	28.89	2607.574	3028.879	1.593	2.06	383.498	1	14.692
10/3/2017 17:05	2833500	12.674	17.717	28.888	2607.168	3028.488	1.593	2.059	383.558	1	14.691
10/3/2017 17:10	2833800	12.673	17.717	28.887	2606.102	3027.175	1.593	2.058	383.715	1	14.69
10/3/2017 17:15	2834100	12.674	17.718	28.889	2606.046	3027.092	1.592	2.058	383.723	1	14.69
10/3/2017 17:20	2834400	12.677	17.718	28.894	2605.333	3026.269	1.592	2.058	383.828	1	14.688
10/3/2017 17:25	2834700	12.679	17.718	28.899	2605.157	3026.053	1.592	2.058	383.854	1	14.687
10/3/2017 17:30	2835000	12.681	17.717	28.904	2604.197	3024.973	1.591	2.057	383.996	1	14.685
10/3/2017 17:35	2835300	12.681	17.718	28.903	2603.451	3023.923	1.591	2.057	384.076	1	14.685
10/3/2017 17:40	2835600	12.681	17.718	28.903	2603.469	3024.099	1.591	2.056	384.103	1	14.686
10/3/2017 17:45	2835900	12.681	17.718	28.903	2602.113	3022.518	1.59	2.055	384.303	1	14.686
10/3/2017 17:50	2836200	12.679	17.717	28.899	2601.61	3021.957	1.59	2.055	384.377	1	14.689
10/3/2017 17:55	2836500	12.677	17.718	28.894	2601.311	3021.592	1.589	2.055	384.422	1	14.693
10/3/2017 18:00	2836800	12.673	17.717	28.886	2600.073	3020.195	1.589	2.054	384.605	1	14.696
10/3/2017 18:05	2837100	12.674	17.718	28.888	2599.054	3018.886	1.588	2.053	384.755	1	14.695
10/3/2017 18:10	2837400	12.672	17.718	28.884	2598.359	3018.169	1.588	2.052	384.858	1	14.698
10/3/2017 18:15	2837700	12.673	17.717	28.885	2597.721	3017.434	1.587	2.052	384.953	1	14.699
10/3/2017 18:20	2838000	12.672	17.717	28.884	2596.992	3016.599	1.587	2.051	385.061	1	14.699
10/3/2017 18:25	2838300	12.674	17.717	28.888	2596.397	3015.902	1.586	2.051	385.149	1	14.698
10/3/2017 18:30	2838600	12.675	17.717	28.891	2595.404	3014.772	1.586	2.05	385.296	1	14.698
10/3/2017 18:35	2838900	12.675	17.718	28.891	2594.684	3013.891	1.585	2.049	385.403	1	14.699
10/3/2017 18:40	2839200	12.675	17.717	28.891	2593.954	3013.094	1.585	2.049	385.512	1	14.7
10/3/2017 18:45	2839500	12.674	17.718	28.888	2593.997	3013.102	1.585	2.049	385.505	1	14.701
10/3/2017 18:50	2839800	12.675	17.717	28.891	2592.673	3011.57	1.584	2.048	385.702	1	14.7
10/3/2017 18:55	2840100	12.674	17.718	28.888	2592.342	3011.161	1.584	2.048	385.752	1	14.7
10/3/2017 19:00	2840400	12.676	17.717	28.894	2591.378	3010.072	1.583	2.047	385.895	1	14.699
10/3/2017 19:05	2840700	12.676	17.717	28.893	2590.829	3009.583	1.583	2.046			

10/4/2017 5:35	2878500	12.677	17718	28.896	3163.86	3675.014	1.955	2.499	316.07	1	14.755
10/4/2017 5:40	2878800	12.677	17718	28.894	3142.61	3650.332	1.941	2.482	318.207	1	14.755
10/4/2017 5:45	2879100	12.677	17718	28.896	3120.39	3624.53	1.927	2.465	320.473	1	14.756
10/4/2017 5:50	2879400	12.676	17718	28.891	3099.942	3600.778	1.913	2.449	322.587	1	14.757
10/4/2017 5:55	2879700	12.676	17717	28.893	3080.106	3577.765	1.9	2.433	324.664	1	14.758
10/4/2017 6:00	2880000	12.675	17717	28.89	3062.798	3557.659	1.889	2.419	326.499	1	14.759
10/4/2017 6:05	2880300	12.674	17718	28.887	3047.042	3539.344	1.879	2.407	328.187	1	14.76
10/4/2017 6:10	2880600	12.672	17717	28.884	3032.562	3522.532	1.869	2.395	329.754	1	14.762
10/4/2017 6:15	2880900	12.671	17717	28.882	3020.91	3508.998	1.862	2.386	331.026	1	14.763
10/4/2017 6:20	2881200	12.673	17718	28.885	3008.761	3494.879	1.854	2.377	332.363	1	14.763
10/4/2017 6:25	2881500	12.671	17718	28.881	2997.829	3482.18	1.847	2.368	333.575	1	14.763
10/4/2017 6:30	2881800	12.672	17718	28.882	2988.852	3471.732	1.841	2.361	334.577	1	14.763
10/4/2017 6:35	2882100	12.673	17717	28.884	2979.088	3460.431	1.834	2.353	335.673	1	14.763
10/4/2017 6:40	2882400	12.672	17717	28.884	2968.989	3448.707	1.828	2.345	336.815	1	14.764
10/4/2017 6:45	2882700	12.674	17717	28.889	2960.62	3438.966	1.822	2.338	337.767	1	14.764
10/4/2017 6:50	2883000	12.675	17717	28.89	2952.068	3429.052	1.817	2.332	338.746	1	14.763
10/4/2017 6:55	2883300	12.675	17717	28.891	2945.14	3420.985	1.812	2.326	339.542	1	14.763
10/4/2017 7:00	2883600	12.677	17717	28.894	2937.434	3412.04	1.807	2.32	340.433	1	14.762
10/4/2017 7:05	2883900	12.677	17717	28.895	2929.89	3403.271	1.802	2.314	341.31	1	14.766
10/4/2017 7:10	2884200	12.669	17717	28.877	2921.814	3393.917	1.797	2.308	342.253	1	14.77
10/4/2017 7:15	2884500	12.664	17717	28.865	2915.097	3386.101	1.793	2.303	343.042	1	14.773
10/4/2017 7:20	2884800	12.666	17717	28.87	2907.994	3377.838	1.788	2.297	343.88	1	14.772
10/4/2017 7:25	2885100	12.669	17717	28.877	2901.652	3370.49	1.784	2.292	344.631	1	14.771
10/4/2017 7:30	2885400	12.671	17717	28.881	2895.442	3363.264	1.78	2.287	345.37	1	14.771
10/4/2017 7:35	2885700	12.672	17718	28.882	2889.224	3356.028	1.776	2.282	346.114	1	14.777
10/4/2017 7:40	2886000	12.671	17717	28.882	2883.13	3348.975	1.772	2.277	346.845	1	14.777
10/4/2017 7:45	2886300	12.673	17717	28.886	2876.706	3341.52	1.768	2.272	347.62	1	14.777
10/4/2017 7:50	2886600	12.674	17717	28.889	2869.613	3333.262	1.763	2.267	348.479	1	14.769
10/4/2017 7:55	2886900	12.675	17717	28.891	2862.844	3325.393	1.759	2.261	349.303	1	14.768
10/4/2017 8:00	2887200	12.676	17718	28.892	2855.439	3316.785	1.754	2.255	350.209	1	14.768
10/4/2017 8:05	2887500	12.673	17717	28.884	2848.751	3309.054	1.75	2.25	351.031	1	14.772
10/4/2017 8:10	2887800	12.668	17717	28.875	2842.633	3301.986	1.746	2.245	351.787	1	14.775
10/4/2017 8:15	2888100	12.665	17717	28.867	2838.331	3296.919	1.743	2.242	352.32	1	14.779
10/4/2017 8:20	2888400	12.666	17718	28.871	2833.957	3291.825	1.74	2.238	352.864	1	14.777
10/4/2017 8:25	2888700	12.667	17717	28.872	2828.38	3285.379	1.736	2.234	353.559	1	14.776
10/4/2017 8:30	2889000	12.67	17717	28.878	2824.104	3280.406	1.734	2.231	354.095	1	14.774
10/4/2017 8:35	2889300	12.673	17717	28.883	2819.946	3275.538	1.731	2.227	354.617	1	14.772
10/4/2017 8:40	2889600	12.67	17717	28.88	2815.799	3270.759	1.728	2.224	355.139	1	14.771
10/4/2017 8:45	2889900	12.672	17717	28.884	2810.564	3264.705	1.725	2.22	355.8	1	14.777
10/4/2017 8:50	2890200	12.676	17717	28.893	2806.374	3259.817	1.722	2.217	356.332	1	14.771
10/4/2017 8:55	2890500	12.671	17717	28.881	2802.161	3254.905	1.719	2.213	356.867	1	14.772
10/4/2017 9:00	2890800	12.67	17718	28.879	2798.112	3250.195	1.717	2.21	357.384	1	14.774
10/4/2017 9:05	2891100	12.669	17717	28.876	2794.322	3245.873	1.714	2.207	357.869	1	14.776
10/4/2017 9:10	2891400	12.668	17717	28.875	2790.455	3241.313	1.712	2.204	358.365	1	14.778
10/4/2017 9:15	2891700	12.667	17717	28.872	2787.857	3238.302	1.71	2.202	358.698	1	14.78
10/4/2017 9:20	2892000	12.667	17717	28.871	2784.577	3234.486	1.708	2.199	359.121	1	14.779
10/4/2017 9:25	2892300	12.665	17718	28.868	2781.62	3231.039	1.706	2.197	359.503	1	14.779
10/4/2017 9:30	2892600	12.666	17717	28.869	2778.759	3227.753	1.704	2.195	359.873	1	14.778
10/4/2017 9:35	2892900	12.665	17718	28.868	2776.16	3224.669	1.702	2.192	360.21	1	14.779
10/4/2017 9:40	2893200	12.664	17717	28.864	2772.281	3220.236	1.7	2.19	360.714	1	14.78
10/4/2017 9:45	2893500	12.663	17717	28.863	2769.961	3217.528	1.699	2.188	361.016	1	14.781
10/4/2017 9:50	2893800	12.661	17717	28.859	2766.898	3213.969	1.697	2.185	361.416	1	14.78
10/4/2017 9:55	2894100	12.661	17718	28.859	2764.79	3211.489	1.695	2.184	361.691	1	14.78
10/4/2017 10:00	2894400	12.663	17717	28.862	2761.547	3207.748	1.693	2.181	362.116	1	14.779
10/4/2017 10:05	2894700	12.661	17717	28.858	2758.924	3204.695	1.691	2.179	362.46	1	14.78
10/4/2017 10:10	2895000	12.661	17717	28.859	2755.429	3200.647	1.689	2.176	362.92	1	14.782
10/4/2017 10:15	2895300	12.66	17717	28.855	2752.828	3197.607	1.687	2.174	363.263	1	14.781
10/4/2017 10:20	2895600	12.663	17717	28.863	2750.492	3194.919	1.686	2.173	363.571	1	14.777
10/4/2017 10:25	2895900	12.669	17717	28.876	2746.619	3190.395	1.683	2.169	364.084	1	14.774
10/4/2017 10:30	2896200	12.671	17717	28.88	2743.714	3187.045	1.682	2.167	364.47	1	14.771
10/4/2017 10:35	2896500	12.669	17717	28.878	2741.314	3184.239	1.68	2.165	364.789	1	14.772
10/4/2017 10:40	2896800	12.668	17717	28.874	2738.144	3180.574	1.678	2.163	365.211	1	14.773
10/4/2017 10:45	2897100	12.666	17718	28.87	2734.47	3176.271	1.676	2.16	365.702	1	14.776
10/4/2017 10:50	2897400	12.666	17717	28.87	2731.841	3173.229	1.674	2.158	366.053	1	14.776
10/4/2017 10:55	2897700	12.664	17717	28.866	2729.768	3170.828	1.672	2.156	366.331	1	14.776
10/4/2017 11:00	2898000	12.664	17718	28.866	2726.238	3166.708	1.67	2.153	366.806	1	14.776
10/4/2017 11:05	2898300	12.665	17718	28.867	2723.918	3164.014	1.669	2.152	367.118	1	14.776
10/4/2017 11:10	2898600	12.663	17717	28.863	2720.932	3160.963	1.667	2.149	367.521	1	14.775
10/4/2017 11:15	2898900	12.664	17718	28.865	2717.955	3157.088	1.665	2.147	367.924	1	14.775
10/4/2017 11:20	2899200	12.664	17717	28.865	2715.768	3154.583	1.663	2.145	368.22	1	14.775
10/4/2017 11:25	2899500	12.664	17717	28.866	2713.042	3151.393	1.662	2.143	368.59	1	14.775
10/4/2017 11:30	2899800	12.665	17717	28.867	2711.391	3149.469	1.661	2.142	368.814	1	14.775
10/4/2017 11:35	2900100	12.663	17717	28.862	2709.45	3147.227	1.659	2.14	369.079	1	14.775
10/4/2017 11:40	2900400	12.663	17717	28.864	2707.366	3144.864	1.658	2.138	369.363	1	14.776
10/4/2017 11:45	2900700	12.663	17717	28.863	2704.301	3141.264	1.656	2.136	369.781	1	14.774
10/4/2017 11:50	2901000	12.664	17717	28.865	2702.938	3139.693	1.655	2.135	369.968	1	14.774
10/4/2017 11:55	2901300	12.663	17717	28.863	2700.532	3136.88	1.654	2.133	370.297	1	14.774
10/4/2017 12:00	2901600	12.661	17717	28.859	2699.312	3135.469	1.653	2.132	370.465	1	14.774
10/4/2017 12:05	2901900	12.662	17718	28.86	2697.616	3133.462	1.652	2.131	370.698	1	14.773
10/4/2017 12:10	2902200	12.662	17717	28.861	2695.363	3131.895	1.65	2.129	371.008	1	14.772
10/4/2017 12:15	2902500	12.662	17717	28.86	2693.181	3128.335	1.649	2.127	371.308	1	14.771
10/4/2017 12:20	2902800	12.663	17717	28.863	2691.325	3126.174	1.648	2.126	371.564	1	14.777
10/4/2017 12:25	2903100	12.661	17717	28.858	2689.889	3124.511	1.647	2.125	371.763	1	14.769
10/4/2017 12:30	2903400	12.663	17717	28.862	2687.702	3121.977	1.645	2.123	372.065	1	14.768
10/4/2017 12:35	2903700	12.662	17717	28.861	2686.45	3120.51	1.644	2.122	372.238	1	14.769
10/4/2017 12:40	2904000	12.662	17717	28.86	2684.026	3117.786	1.643	2.12	372.575	1	14.769
10/4/2017 12:45	2904300	12.659	17717	28.854	2682.724	3116.201	1.642	2.119	372.755	1	14.77
10/4/2017 12:50	2904600	12.661									

10/4/2017 23:10	2941800	12.653	17.717	28.839	2611.169	3033.091	1.596	2.063	382.97	1	14.747
10/4/2017 23:15	2942100	12.65	17.717	28.833	2626.023	3050.35	1.605	2.074	380.804	1	14.75
10/4/2017 23:20	2942400	12.65	17.717	28.832	2640.507	3067.15	1.615	2.086	378.715	1	14.749
10/4/2017 23:25	2942700	12.65	17.717	28.834	2653.98	3082.812	1.623	2.096	376.793	1	14.748
10/4/2017 23:30	2943000	12.651	17.717	28.836	2668.118	3099.253	1.633	2.107	374.796	1	14.747
10/4/2017 23:35	2943300	12.649	17.717	28.831	2680.743	3113.918	1.641	2.117	373.031	1	14.748
10/4/2017 23:40	2943600	12.648	17.717	28.83	2693.92	3129.187	1.649	2.128	371.206	1	14.749
10/4/2017 23:45	2943900	12.647	17.717	28.827	2706.486	3143.802	1.657	2.138	369.483	1	14.751
10/4/2017 23:50	2944200	12.648	17.717	28.83	2718.396	3157.637	1.665	2.147	367.864	1	14.751
10/4/2017 23:55	2944500	12.65	17.717	28.833	2730.503	3171.73	1.673	2.157	366.233	1	14.751

Report Date:	10/9/2017 9:51		
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_2017-10-05_12-30-07-021-BaroMerge.wsl		
Create Date	10/9/2017 9:46		

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	Depth		
Specific Gravity	1.012		

Other Log Settings			
Depth of Probe:	369.568 (ft)		
Head Pressure:	162.141 (PSI)		
Temperature:	21.3228 (C)		
Specific Conductivity Model:	Standard Methods		
Reference Temperature:	25		
Temperature Coefficient:	0.0191		
TDS Factor:	0.68		

Log Notes:			
Date and Time	Note		
1/26/2017 10:36 Sensor SN: 398697 Factory calibration has expired.: 1/14/2016 1:56:18 PM			
1/26/2017 10:36 Used Battery: 37% Used Memory: 90% User Name: Skuiper			
1/26/2017 10:46 Log Download - Used Battery: 37% Used Memory: 90% User Name: Skuiper			
2/2/2017 18:25 Log Download - Used Battery: 39% Used Memory: 95% 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			
10/9/2017 9:46 User Note: "Pressure & Level adjusted by baro data from: "MPWSP Barotroll_2017-10-05_19-08-59-078.wsl""			

Log Data:			
Record Count	3323		

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

Time Zone: Pacific Daylight Time												
----------------------------------	--	--	--	--	--	--	--	--	--	--	--	--

	Sensor: PCTD(A) 658.7ft SNR: 398697		Sensor: PCTD(A) 658.7ft SNR: 398697		Sensor: PCTD(A) 658.7ft SNR: 398697		Sensor: PCTD(A) 658.7ft SNR: 398697		Sensor: PCTD(A) 658.7ft SNR: 398697		Sensor: PCTD(A) 658.7ft SNR: 398697	
	Corrected		Corrected		Corrected		Corrected		Corrected		Corrected	
Date and Time	Elapsed Time Seconds	Pressure (PSI)	Temperature (C)	Depth (ft)	Actual Conductivity (µS/cm)	Specific Conductivity (µS/cm)	Salinity (PSU)	Total Dissolved Solids (ppt)	Resistivity (ohm-cm)	Water Density (g/cm3)	Barometric Pressure (PSI)	
9/28/2017 0:00	2340000	143.143	21.336	326.268	5230.946	5624.525	3.081	3.825	191.17	1	14.692	
9/28/2017 0:15	2340900	143.145	21.343	326.272	5232.324	5625.268	3.081	3.825	191.12	1	14.693	
9/28/2017 0:30	2341800	143.124	21.339	326.223	5231.877	5625.182	3.081	3.825	191.136	1	14.699	
9/28/2017 0:45	2342700	143.118	21.345	326.21	5232.255	5624.92	3.081	3.825	191.122	1	14.694	
9/28/2017 1:00	2343600	143.110	21.341	326.21	5232.771	5625.993	3.082	3.826	191.103	1	14.694	
9/28/2017 1:15	2344500	143.108	21.336	326.188	5231.417	5625.032	3.081	3.825	191.153	1	14.695	
9/28/2017 1:30	2345400	143.08	21.335	326.124	5232.47	5626.306	3.082	3.826	191.114	1	14.692	
9/28/2017 1:45	2346300	143.117	21.334	326.207	5230.822	5624.635	3.081	3.825	191.175	1	14.687	
9/28/2017 2:00	2347200	143.119	21.327	326.213	5229.972	5624.552	3.081	3.825	191.206	1	14.683	
9/28/2017 2:15	2348100	143.106	21.324	326.182	5227.004	5621.693	3.079	3.823	191.314	1	14.689	
9/28/2017 2:30	2349000	143.059	21.323	326.175	5225.247	5620.191	3.078	3.822	191.279	1	14.693	
9/28/2017 2:45	2349900	143.093	21.325	326.153	5225.851	5620.312	3.078	3.822	191.356	1	14.688	
9/28/2017 3:00	2350800	143.08	21.32	326.122	5222.918	5617.723	3.077	3.82	191.464	1	14.693	
9/28/2017 3:15	2351700	143.047	21.317	326.049	5222.294	5617.426	3.077	3.82	191.487	1	14.688	
9/28/2017 3:30	2352600	143.088	21.318	326.141	5221.292	5616.216	3.076	3.819	191.523	1	14.686	
9/28/2017 3:45	2353500	143.083	21.319	326.131	5221.05	5615.845	3.076	3.819	191.532	1	14.684	
9/28/2017 4:00	2354400	143.062	21.322	326.066	5219.973	5614.963	3.075	3.818	191.551	1	14.691	
9/28/2017 4:15	2355300	143.058	21.322	326.074	5220.806	5615.26	3.075	3.818	191.541	1	14.69	
9/28/2017 4:30	2356200	143.069	21.324	326.099	5220.768	5614.956	3.075	3.818	191.543	1	14.692	
9/28/2017 4:45	2357100	143.065	21.323	326.089	5219.034	5613.232	3.074	3.817	191.606	1	14.694	
9/28/2017 5:00	2358000	143.025	21.326	325.997	5220.272	5614.292	3.075	3.818	191.561	1	14.694	
9/28/2017 5:15	2358900	143.044	21.326	326.041	5219.823	5613.747	3.074	3.817	191.577	1	14.698	
9/28/2017 5:30	2359800	143.055	21.329	326.065	5220.692	5614.318	3.075	3.818	191.545	1	14.686	
9/28/2017 5:45	2360700	143.047	21.328	326.049	5221.059	5614.875	3.075	3.818	191.532	1	14.696	
9/28/2017 6:00	2361600	143.009	21.328	325.962	5219.811	5613.543	3.074	3.817	191.578	1	14.696	
9/28/2017 6:15	2362500	143.004	21.32	325.95	5219.502	5614.11	3.075	3.818	191.589	1	14.701	
9/28/2017 6:30	2363400	143.044	21.32	326.041	5219.1							

9/28/2017 23:15	2423700	143.028	21317	326.006	5213.786	5608.325	3.071	3.814	191.799	1	14.71
9/28/2017 23:30	2424600	143.025	21317	325.998	5213.72	5608.234	3.071	3.814	191.802	1	14.71
9/28/2017 23:45	2425500	142.993	21318	325.924	5212.208	5606.487	3.07	3.812	191.857	1	14.714
9/29/2017 0:00	2426400	143.027	21319	326.003	5211.704	5605.833	3.07	3.812	191.876	1	14.713
9/29/2017 0:15	2427300	143.022	2132	325.991	5210.891	5604.888	3.069	3.811	191.906	1	14.715
9/29/2017 0:30	2428200	143.033	2132	326.016	5210.826	5604.737	3.069	3.811	191.908	1	14.705
9/29/2017 0:45	2429100	143.023	21321	325.994	5210.9	5604.784	3.069	3.811	191.909	1	14.708
9/29/2017 1:00	2430000	143.018	21317	325.982	5210.047	5604.314	3.069	3.811	191.937	1	14.717
9/29/2017 1:15	2430900	142.985	21315	325.907	5206.207	5600.384	3.067	3.808	192.078	1	14.71
9/29/2017 1:30	2431800	143.016	21315	325.978	5203.855	5597.905	3.065	3.807	192.165	1	14.714
9/29/2017 1:45	2432700	142.989	21316	325.915	5203.15	5597.025	3.065	3.806	192.712	1	14.712
9/29/2017 2:00	2433600	142.982	21316	325.901	5200.618	5594.241	3.063	3.804	192.285	1	14.714
9/29/2017 2:15	2434500	143.012	21314	325.967	5200.398	5594.236	3.063	3.804	192.293	1	14.711
9/29/2017 2:30	2435400	142.981	21312	325.898	5198.926	5592.944	3.062	3.803	192.347	1	14.709
9/29/2017 2:45	2436300	142.972	21311	325.877	5197.368	5591.338	3.061	3.802	192.405	1	14.713
9/29/2017 3:00	2437200	143.01	21311	325.965	5193.959	5587.712	3.059	3.8	192.531	1	14.709
9/29/2017 3:15	2438100	142.971	21311	325.874	5193.527	5587.206	3.059	3.799	192.547	1	14.716
9/29/2017 3:30	2439000	143.007	21311	325.958	5192.375	5585.978	3.058	3.798	192.59	1	14.712
9/29/2017 3:45	2439900	143.011	21308	325.967	5191.768	5585.656	3.058	3.798	192.613	1	14.713
9/29/2017 4:00	2440800	142.977	21309	325.888	5191.003	5584.732	3.057	3.798	192.641	1	14.712
9/29/2017 4:15	2441700	143.008	2131	325.959	5189.436	5582.897	3.056	3.796	192.699	1	14.716
9/29/2017 4:30	2442600	143.005	21309	325.952	5189.617	5583.192	3.057	3.797	192.692	1	14.717
9/29/2017 4:45	2443500	142.959	2131	325.848	5190.614	5584.215	3.057	3.797	192.655	1	14.712
9/29/2017 5:00	2444400	142.97	2131	325.873	5189.821	5583.28	3.057	3.797	192.685	1	14.711
9/29/2017 5:15	2445300	142.968	21311	325.867	5188.229	5583.117	3.056	3.795	192.744	1	14.715
9/29/2017 5:30	2446200	142.967	21311	325.866	5187.734	5581.016	3.055	3.795	192.762	1	14.713
9/29/2017 5:45	2447100	143.009	21311	325.961	5188.598	5581.853	3.056	3.796	192.73	1	14.709
9/29/2017 6:00	2448000	143.001	21311	325.943	5187.65	5580.844	3.055	3.795	192.766	1	14.715
9/29/2017 6:15	2448900	142.969	21311	325.87	5186.764	5579.9	3.055	3.794	192.798	1	14.718
9/29/2017 6:30	2449800	142.964	21313	325.86	5186.876	5579.861	3.055	3.794	192.794	1	14.718
9/29/2017 6:45	2450700	142.98	21312	325.896	5186.615	5579.7	3.055	3.794	192.804	1	14.716
9/29/2017 7:00	2451600	142.966	2131	325.864	5186.973	5580.216	3.055	3.795	192.791	1	14.717
9/29/2017 7:15	2452500	143.006	21311	325.955	5185.36	5578.431	3.054	3.793	192.851	1	14.715
9/29/2017 7:30	2453400	143.016	2131	325.977	5186.718	5579.973	3.055	3.794	192.8	1	14.709
9/29/2017 7:45	2454300	143.01	21311	325.964	5186.495	5579.641	3.055	3.794	192.808	1	14.727
9/29/2017 8:00	2455200	142.975	2131	325.885	5184.14	5577.269	3.053	3.793	192.896	1	14.727
9/29/2017 8:15	2456100	142.976	21311	325.886	5185.757	5578.886	3.054	3.794	192.836	1	14.736
9/29/2017 8:30	2457000	143.02	2131	325.987	5185.676	5578.861	3.054	3.794	192.839	1	14.73
9/29/2017 8:45	2457900	143.051	21309	326.057	5185.406	5578.691	3.054	3.794	192.849	1	14.735
9/29/2017 9:00	2458800	142.974	21311	325.882	5184.316	5577.339	3.053	3.793	192.889	1	14.729
9/29/2017 9:15	2459700	143.015	21311	325.974	5185	5578.083	3.054	3.793	192.864	1	14.73
9/29/2017 9:30	2460600	142.979	21311	325.893	5184.471	5577.494	3.053	3.793	192.884	1	14.731
9/29/2017 9:45	2461500	142.98	21315	325.895	5185.257	5578.36	3.054	3.793	192.854	1	14.736
9/29/2017 10:00	2462400	142.984	2131	325.905	5185.043	5578.192	3.054	3.793	192.862	1	14.724
9/29/2017 10:15	2463300	142.974	2132	325.883	5187.315	5579.449	3.054	3.794	192.778	1	14.725
9/29/2017 10:30	2464200	143.018	21323	325.982	5191.058	5583.205	3.057	3.797	192.639	1	14.72
9/29/2017 10:45	2465100	143.014	21325	325.973	5194.979	5587.2	3.059	3.799	192.494	1	14.732
9/29/2017 11:00	2466000	143.009	21321	325.962	5194.553	5587.174	3.059	3.799	192.509	1	14.737
9/29/2017 11:15	2466900	143.023	21329	325.994	5196.276	5588.074	3.059	3.8	192.445	1	14.731
9/29/2017 11:30	2467800	142.99	21328	325.917	5197.293	5589.296	3.06	3.801	192.408	1	14.733
9/29/2017 11:45	2468700	143.028	21331	326.004	5198.076	5589.786	3.06	3.801	192.379	1	14.733
9/29/2017 12:00	2469600	143.02	21326	325.987	5199.103	5591.434	3.061	3.802	192.341	1	14.734
9/29/2017 12:15	2470500	142.977	2133	325.889	5198.989	5590.839	3.061	3.802	192.345	1	14.737
9/29/2017 12:30	2471400	143.028	21332	326.005	5200.354	5592.094	3.062	3.803	192.295	1	14.723
9/29/2017 12:45	2472300	142.979	21334	325.893	5200.817	5592.361	3.062	3.803	192.277	1	14.725
9/29/2017 13:00	2473200	143.055	21336	326.066	5201.793	5593.169	3.062	3.803	192.241	1	14.723
9/29/2017 13:15	2474100	143.024	21335	325.997	5201.719	5593.271	3.063	3.803	192.244	1	14.721
9/29/2017 13:30	2475000	142.983	21329	325.901	5201.808	5594.091	3.063	3.804	192.241	1	14.729
9/29/2017 13:45	2475900	143.025	21328	325.999	5202.407	5594.766	3.063	3.804	192.219	1	14.724
9/29/2017 14:00	2476800	143.019	21332	325.984	5203.409	5595.44	3.064	3.804	192.182	1	14.733
9/29/2017 14:15	2477700	143.004	21329	325.949	5204.624	5597.049	3.065	3.806	192.137	1	14.732
9/29/2017 14:30	2478600	142.993	21331	325.926	5204.116	5596.312	3.064	3.805	192.156	1	14.735
9/29/2017 14:45	2479500	143.001	2133	325.943	5203.983	5596.269	3.064	3.805	192.161	1	14.726
9/29/2017 15:00	2480400	142.986	21333	325.909	5204.235	5596.167	3.064	3.805	192.151	1	14.724
9/29/2017 15:15	2481300	143.002	21331	325.946	5205.272	5597.483	3.065	3.806	192.113	1	14.72
9/29/2017 15:30	2482200	142.984	21331	325.904	5205.087	5597.366	3.065	3.806	192.12	1	14.721
9/29/2017 15:45	2483100	142.984	21334	325.905	5205.702	5597.674	3.065	3.806	192.097	1	14.718
9/29/2017 16:00	2484000	142.974	21331	325.883	5205.628	5597.943	3.065	3.807	192.1	1	14.716
9/29/2017 16:15	2484900	142.974	2133	325.882	5206.393	5598.891	3.066	3.807	192.072	1	14.713
9/29/2017 16:30	2485800	142.968	21337	325.869	5206.948	5598.701	3.066	3.807	192.051	1	14.711
9/29/2017 16:45	2486700	142.951	21336	325.83	5207.262	5599.141	3.066	3.807	192.04	1	14.715
9/29/2017 17:00	2487600	142.945	21337	325.816	5206.752	5598.48	3.066	3.807	192.058	1	14.717
9/29/2017 17:15	2488500	142.918	21334	325.754	5206.85	5598.919	3.066	3.807	192.055	1	14.707
9/29/2017 17:30	2489400	142.945	21336	325.815	5207.942	5599.873	3.066	3.808	192.014	1	14.713
9/29/2017 17:45	2490300	142.938	21337	325.801	5208.224	5600.052	3.066	3.808	192.004	1	14.709
9/29/2017 18:00	2491200	142.93	21335	325.781	5207.352	5599.307	3.066	3.808	192.036	1	14.707
9/29/2017 18:15	2492100	142.921	21336	325.76	5208.56	5600.495	3.067	3.808	191.992	1	14.712
9/29/2017 18:30	2493000	142.936	21335	325.795	5207.998	5600.042	3.066	3.808	192.012	1	14.702
9/29/2017 18:45	2493900	142.928	21334	325.777	5207.244	5599.262	3.066	3.807	192.04	1	14.713
9/29/2017 19:00	2494800	142.964	21333	325.7895	5605.262	5597.961	3.067	3.808	192.006	1	14.705
9/29/2017 19:15	2495700	142.928	21339	325.777	5209.915	5601.569	3.067	3.809	191.942	1	14.709
9/29/2017 19:30	2496600	142.914	21339	325.746	5209.021	5600.628	3.067	3.808	191.975	1	14.71
9/29/2017 19:45	2497500	142.917	2133	325.751	5207.961	5600.587	3.067	3.808	192.014	1	14.711
9/29/2017 20:00	2498400	142.924	21331	325.767	5209.032	5601.617	3.067	3.809	191.974	1	14.709
9/29/2017 20:15	2499300	142.918	21336	325.754	5208.654	5600.566	3.067	3.808	191.988	1	14.715
9/29/2017 20:30	2500200	142.918	21335	325.753	5209.807	5601.987	3.068	3.809	191.946	1	14.715

10/1/2017 4:00	2613600	142.765	21.316	325.405	5167.208	5558.271	3.042	3.78	193.528	1	14.685
10/1/2017 4:15	2614500	142.789	21.319	325.46	5167.275	5558.024	3.042	3.779	193.526	1	14.684
10/1/2017 4:30	2615400	142.803	21.319	325.492	5167.563	5558.354	3.042	3.78	193.515	1	14.682
10/1/2017 4:45	2616300	142.762	21.317	325.398	5167.01	5558.029	3.042	3.779	193.536	1	14.684
10/1/2017 5:00	2617200	142.762	21.317	325.398	5167.729	5558.793	3.042	3.78	193.509	1	14.687
10/1/2017 5:15	2618100	142.795	21.316	325.475	5167.369	5558.456	3.042	3.78	193.522	1	14.696
10/1/2017 5:30	2619000	142.791	21.314	325.465	5166.723	5558.07	3.042	3.779	193.546	1	14.699
10/1/2017 5:45	2619900	142.767	21.311	325.411	5166.552	5558.147	3.042	3.78	193.553	1	14.687
10/1/2017 6:00	2620800	142.755	21.313	325.382	5168.323	5559.852	3.043	3.781	193.486	1	14.695
10/1/2017 6:15	2621700	142.779	21.321	325.438	5168.498	5559.089	3.043	3.78	193.48	1	14.693
10/1/2017 6:30	2622600	142.781	21.328	325.441	5171.101	5561.14	3.044	3.782	193.382	1	14.69
10/1/2017 6:45	2623500	142.791	21.322	325.464	5170.625	5561.278	3.044	3.782	193.4	1	14.696
10/1/2017 7:00	2624400	142.773	21.323	325.425	5171.431	5562.034	3.044	3.782	193.37	1	14.705
10/1/2017 7:15	2625300	142.777	21.323	325.432	5172.991	5563.692	3.045	3.783	193.312	1	14.704
10/1/2017 7:30	2626200	142.781	21.322	325.443	5172.636	5563.49	3.045	3.783	193.325	1	14.7
10/1/2017 7:45	2627100	142.78	21.325	325.441	5175.756	5566.476	3.047	3.785	193.208	1	14.703
10/1/2017 8:00	2628000	142.776	21.326	325.432	5177.388	5568.13	3.048	3.786	193.148	1	14.703
10/1/2017 8:15	2628900	142.776	21.337	325.43	5180.188	5569.869	3.049	3.788	193.043	1	14.706
10/1/2017 8:30	2629800	142.777	21.334	325.431	5182.204	5572.407	3.05	3.789	192.968	1	14.713
10/1/2017 8:45	2630700	142.774	21.333	325.427	5182.06	5572.373	3.05	3.789	192.973	1	14.711
10/1/2017 9:00	2631600	142.792	21.331	325.466	5182.083	5572.547	3.05	3.789	192.973	1	14.703
10/1/2017 9:15	2632500	142.788	21.335	325.459	5183.019	5573.162	3.051	3.79	192.938	1	14.705
10/1/2017 9:30	2633400	142.793	21.336	325.469	5182.051	5572.001	3.05	3.789	192.974	1	14.705
10/1/2017 9:45	2634300	142.789	21.336	325.46	5184	5574.097	3.051	3.79	192.901	1	14.707
10/1/2017 10:00	2635200	142.786	21.332	325.454	5184.435	5574.966	3.052	3.791	192.885	1	14.705
10/1/2017 10:15	2636100	142.791	21.337	325.464	5184.458	5574.479	3.052	3.791	192.884	1	14.7
10/1/2017 10:30	2637000	142.806	21.334	325.498	5183.25	5573.521	3.051	3.79	192.929	1	14.703
10/1/2017 10:45	2637900	142.799	21.332	325.483	5184.101	5574.687	3.052	3.791	192.897	1	14.702
10/1/2017 11:00	2638800	142.813	21.332	325.514	5183.524	5574.037	3.051	3.79	192.919	1	14.695
10/1/2017 11:15	2639700	142.818	21.339	325.525	5185.153	5575.006	3.052	3.791	192.858	1	14.691
10/1/2017 11:30	2640600	142.785	21.337	325.452	5184.06	5574.037	3.051	3.79	192.899	1	14.695
10/1/2017 11:45	2641500	142.811	21.34	325.51	5186.381	5576.196	3.053	3.792	192.813	1	14.693
10/1/2017 12:00	2642400	142.816	21.338	325.522	5187.935	5578.078	3.054	3.793	192.755	1	14.695
10/1/2017 12:15	2643300	142.825	21.34	325.542	5186.713	5576.492	3.053	3.792	192.8	1	14.695
10/1/2017 12:30	2644200	142.833	21.339	325.559	5187.438	5577.474	3.053	3.793	192.773	1	14.694
10/1/2017 12:45	2645100	142.83	21.338	325.553	5188.157	5578.356	3.054	3.793	192.747	1	14.692
10/1/2017 13:00	2646000	142.838	21.339	325.571	5188.081	5578.114	3.054	3.793	192.75	1	14.691
10/1/2017 13:15	2646900	142.802	21.341	325.49	5187.833	5577.678	3.053	3.793	192.759	1	14.69
10/1/2017 13:30	2647800	142.842	21.337	325.58	5188.377	5578.683	3.054	3.794	192.738	1	14.681
10/1/2017 13:45	2648700	142.805	21.341	325.497	5189.039	5578.903	3.054	3.794	192.714	1	14.681
10/1/2017 14:00	2649600	142.845	21.341	325.588	5189.03	5578.944	3.054	3.794	192.714	1	14.679
10/1/2017 14:15	2650500	142.858	21.327	325.618	5188.909	5580.4	3.055	3.795	192.719	1	14.673
10/1/2017 14:30	2651400	142.866	21.329	325.636	5183.588	5575.464	3.055	3.791	192.673	1	14.677
10/1/2017 14:45	2652300	142.878	21.313	325.663	5179.663	5572.042	3.05	3.789	193.063	1	14.67
10/1/2017 15:00	2653200	142.843	21.314	325.583	5178.122	5570.243	3.049	3.788	193.12	1	14.666
10/1/2017 15:15	2654100	142.858	21.316	325.617	5177.933	5569.889	3.049	3.788	193.127	1	14.655
10/1/2017 15:30	2655000	142.89	21.312	325.69	5175.845	5568.084	3.048	3.786	193.205	1	14.659
10/1/2017 15:45	2655900	142.853	21.315	325.606	5175.414	5567.3	3.047	3.786	193.221	1	14.658
10/1/2017 16:00	2656800	142.867	21.313	325.638	5175.235	5567.807	3.047	3.786	193.228	1	14.65
10/1/2017 16:15	2657700	142.867	21.315	325.637	5174.654	5566.433	3.047	3.785	193.25	1	14.652
10/1/2017 16:30	2658600	142.873	21.311	325.652	5173.903	5566.085	3.047	3.785	193.278	1	14.651
10/1/2017 16:45	2659500	142.868	21.309	325.64	5172.648	5564.946	3.046	3.784	193.325	1	14.656
10/1/2017 17:00	2660400	142.88	21.313	325.667	5174.245	5566.172	3.047	3.785	193.265	1	14.649
10/1/2017 17:15	2661300	142.88	21.315	325.668	5173.688	5565.394	3.046	3.784	193.286	1	14.646
10/1/2017 17:30	2662200	142.879	21.315	325.665	5173.422	5565.067	3.046	3.784	193.296	1	14.648
10/1/2017 17:45	2663100	142.886	21.319	325.681	5173.629	5564.918	3.046	3.784	193.288	1	14.648
10/1/2017 18:00	2664000	142.891	21.318	325.692	5173.341	5564.669	3.046	3.784	193.299	1	14.644
10/1/2017 18:15	2664900	142.926	21.319	325.773	5174.403	5565.711	3.046	3.785	193.259	1	14.647
10/1/2017 18:30	2665800	142.938	21.318	325.799	5174.057	5565.398	3.046	3.784	193.272	1	14.645
10/1/2017 18:45	2666700	142.903	21.319	325.721	5173.215	5564.473	3.046	3.784	193.303	1	14.644
10/1/2017 19:00	2667600	142.886	21.321	325.682	5174.159	5565.259	3.046	3.784	193.268	1	14.654
10/1/2017 19:15	2668500	142.899	21.321	325.711	5175.58	5566.711	3.047	3.785	193.215	1	14.651
10/1/2017 19:30	2669400	142.935	21.322	325.793	5174.658	5565.616	3.046	3.785	193.249	1	14.655
10/1/2017 19:45	2670300	142.949	21.322	325.824	5174.762	5565.787	3.046	3.785	193.246	1	14.647
10/1/2017 20:00	2671200	142.924	21.321	325.767	5174.384	5565.511	3.046	3.785	193.26	1	14.646
10/1/2017 20:15	2672100	142.948	21.32	325.822	5174.708	5565.91	3.047	3.785	193.248	1	14.652
10/1/2017 20:30	2673000	142.918	21.32	325.755	5175.099	5566.289	3.047	3.785	193.233	1	14.65
10/1/2017 20:45	2673900	142.952	21.323	325.831	5175.995	5567.063	3.047	3.786	193.2	1	14.651
10/1/2017 21:00	2674800	142.963	21.321	325.857	5176.179	5567.351	3.047	3.786	193.193	1	14.651
10/1/2017 21:15	2675700	142.942	21.32	325.81	5175.383	5566.695	3.047	3.785	193.222	1	14.646
10/1/2017 21:30	2676600	142.982	21.318	325.901	5175.464	5566.922	3.047	3.786	193.219	1	14.647
10/1/2017 21:45	2677500	142.969	21.319	325.87	5175.788	5567.221	3.047	3.786	193.207	1	14.65
10/1/2017 22:00	2678400	142.948	21.323	325.822	5176.381	5567.378	3.047	3.786	193.185	1	14.645
10/1/2017 22:15	2679300	142.986	21.327	325.91	5178.108	5568.734	3.048	3.787	193.121	1	14.649
10/1/2017 22:30	2680200	142.953	21.331	325.835	5179.875	5570.233	3.049	3.788	193.055	1	14.649
10/1/2017 22:45	2681100	142.997	21.327	325.934	5182.361	5573.328	3.051	3.79	192.962	1	14.642
10/1/2017 23:00	2682000	142.955	21.331	325.84	5182.847	5573.458	3.051	3.79	192.944	1	14.647
10/1/2017 23:15	2682900	143.002	21.327	325.946	5183.076	5574.126	3.051	3.79	192.936	1	14.639
10/1/2017 23:30	2683800	142.965	21.325	325.861	5183.354	5574.599	3.052	3.791	192.925	1	14.643
10/1/2017 23:45	2684700	143.003	21.325	325.947	5186.167	5576.987	3.053	3.792	192.821	1	14.637
10/1/2017 0:00	2685600	143.011	21.33	325.967	5186.053	5577.017	3.053	3.792	192.825	1	14.637
10/2/2017 0:15	2686500	143.016	21.331	325.978	5187.425	5578.372	3.054	3.793	192.774	1	14.641
10/2/2017 0:30	2687400	143.028	21.33	326.005	5186.143	5577.074	3.053	3.792	192.822	1	14.642
10/2/2017 0:45	2688300	143.012	21.331	325.969	5188.139	5579.12	3.054	3.794	192.747	1	14.649
10/2/2017 1:00	2689200	143.031	21.335	326.011	5190.623	5581.33	3.056	3.795	192.655	1	14.634
10/2/2017 1:15	2690100	143.03	21.331	326.00							

10/3/2017 8:45	2803500	143.153	21.337	326.29	5241.823	5636.11	3.088	3.833	190.773	1	14.637
10/3/2017 9:00	2804400	143.156	21.334	326.297	5242.543	5637.218	3.088	3.833	190.747	1	14.641
10/3/2017 9:15	2805300	143.118	21.332	326.209	5240.929	5635.746	3.087	3.832	190.806	1	14.649
10/3/2017 9:30	2806200	143.111	21.34	326.194	5242.92	5637.025	3.088	3.833	190.733	1	14.652
10/3/2017 9:45	2807100	143.153	21.332	326.289	5242.118	5637.056	3.088	3.833	190.763	1	14.654
10/3/2017 10:00	2808000	143.149	21.327	326.28	5241.067	5636.503	3.088	3.833	190.801	1	14.653
10/3/2017 10:15	2808900	143.165	21.321	326.216	5240.6	5636.67	3.088	3.833	190.818	1	14.654
10/3/2017 10:30	2809800	143.167	21.325	326.323	5238.362	5633.818	3.086	3.831	190.899	1	14.659
10/3/2017 10:45	2810700	143.154	21.333	326.292	5239.896	5634.483	3.087	3.831	190.844	1	14.664
10/3/2017 11:00	2811600	143.157	21.338	326.299	5241.438	5635.593	3.087	3.832	190.787	1	14.661
10/3/2017 11:15	2812500	143.173	21.334	326.335	5241.399	5636.018	3.087	3.832	190.789	1	14.654
10/3/2017 11:30	2813400	143.155	21.338	326.258	5242.887	5636.47	3.088	3.833	190.76	1	14.658
10/3/2017 11:45	2814300	143.164	21.335	326.315	5240.049	5634.496	3.087	3.831	190.838	1	14.663
10/3/2017 12:00	2815200	143.137	21.332	326.253	5241.451	5636.277	3.088	3.833	190.787	1	14.656
10/3/2017 12:15	2816100	143.175	21.334	326.34	5242.033	5636.741	3.088	3.833	190.766	1	14.659
10/3/2017 12:30	2817000	143.165	21.341	326.316	5242.944	5636.93	3.088	3.833	190.733	1	14.663
10/3/2017 12:45	2817900	143.17	21.341	326.328	5125.029	5510.104	3.014	3.747	195.121	1	14.662
10/3/2017 13:00	2818800	143.164	21.336	326.315	5229.938	5623.492	3.08	3.824	191.207	1	14.667
10/3/2017 13:15	2819700	143.2	21.333	326.398	5236.672	5631.118	3.085	3.829	190.955	1	14.664
10/3/2017 13:30	2820600	143.161	21.337	326.307	5236.306	5630.247	3.084	3.829	190.974	1	14.67
10/3/2017 13:45	2821500	143.164	21.336	326.314	5238.954	5633.156	3.086	3.831	190.878	1	14.672
10/3/2017 14:00	2822400	143.158	21.336	326.302	5238.771	5633.032	3.086	3.83	190.884	1	14.674
10/3/2017 14:15	2823300	143.164	21.341	326.315	5239.798	5633.537	3.086	3.831	190.847	1	14.67
10/3/2017 14:30	2824200	143.153	21.334	326.29	5239.593	5634.056	3.086	3.831	190.855	1	14.678
10/3/2017 14:45	2825100	143.163	21.34	326.312	5240.18	5634.088	3.086	3.831	190.833	1	14.677
10/3/2017 15:00	2826000	143.15	21.335	326.283	5239.668	5634.046	3.086	3.831	190.852	1	14.678
10/3/2017 15:15	2826900	143.115	21.337	326.203	5239.74	5633.96	3.086	3.831	190.849	1	14.678
10/3/2017 15:30	2827800	143.144	21.34	326.27	5240.4	5634.326	3.086	3.831	190.825	1	14.69
10/3/2017 15:45	2828700	143.16	21.336	326.306	5240.068	5634.354	3.086	3.831	190.837	1	14.675
10/3/2017 16:00	2829600	143.145	21.343	326.271	5241.436	5635.023	3.087	3.832	190.787	1	14.685
10/3/2017 16:15	2830500	143.145	21.327	326.271	5240.088	5635.42	3.087	3.832	190.836	1	14.679
10/3/2017 16:30	2831400	143.146	21.335	326.275	5239.537	5633.925	3.086	3.831	190.857	1	14.683
10/3/2017 16:45	2832300	143.146	21.331	326.275	5239.244	5634.067	3.086	3.831	190.867	1	14.685
10/3/2017 17:00	2833200	143.134	21.324	326.247	5239.328	5634.056	3.086	3.831	190.864	1	14.692
10/3/2017 17:15	2834100	143.136	21.324	326.25	5237.548	5633.083	3.086	3.83	190.929	1	14.69
10/3/2017 17:30	2835000	143.151	21.327	326.286	5237.457	5632.561	3.085	3.83	190.932	1	14.685
10/3/2017 17:45	2835900	143.137	21.336	326.252	5239.457	5633.717	3.086	3.831	190.859	1	14.686
10/3/2017 18:00	2836800	143.093	21.339	326.152	5238.845	5632.765	3.086	3.83	190.882	1	14.696
10/3/2017 18:15	2837700	143.128	21.34	326.233	5239.64	5633.478	3.086	3.831	190.853	1	14.699
10/3/2017 18:30	2838600	143.133	21.339	326.244	5239.879	5633.827	3.086	3.831	190.844	1	14.698
10/3/2017 18:45	2839500	143.128	21.338	326.233	5239.682	5633.717	3.086	3.831	190.851	1	14.701
10/3/2017 19:00	2840400	143.125	21.336	326.226	5239.517	5633.751	3.086	3.831	190.857	1	14.699
10/3/2017 19:15	2841300	143.125	21.331	326.225	5239.217	5633.996	3.086	3.831	190.868	1	14.708
10/3/2017 19:30	2842200	143.121	21.339	326.218	5239.428	5633.373	3.086	3.831	190.861	1	14.706
10/3/2017 19:45	2843100	143.085	21.337	326.135	5239.992	5634.191	3.086	3.831	190.84	1	14.706
10/3/2017 20:00	2844000	143.106	21.343	326.183	5240.569	5634.132	3.086	3.831	190.819	1	14.714
10/3/2017 20:15	2844900	143.115	21.334	326.203	5239.445	5633.927	3.086	3.831	190.86	1	14.707
10/3/2017 20:30	2845800	143.108	21.338	326.186	5239.663	5633.696	3.086	3.831	190.852	1	14.717
10/3/2017 20:45	2846700	143.108	21.334	326.187	5240.027	5634.694	3.087	3.832	190.839	1	14.714
10/3/2017 21:00	2847600	143.102	21.327	326.173	5237.196	5632.36	3.085	3.83	190.942	1	14.718
10/3/2017 21:15	2848500	143.104	21.317	326.177	5233.672	5629.697	3.084	3.828	191.07	1	14.719
10/3/2017 21:30	2849400	143.11	21.315	326.192	5229.709	5625.636	3.081	3.825	191.215	1	14.719
10/3/2017 21:45	2850300	143.104	21.315	326.178	5227.027	5622.761	3.08	3.823	191.313	1	14.721
10/3/2017 22:00	2851200	143.117	21.314	326.207	5225.245	5620.925	3.079	3.822	191.379	1	14.722
10/3/2017 22:15	2852100	143.101	21.316	326.171	5224.712	5620.209	3.078	3.822	191.398	1	14.724
10/3/2017 22:30	2853000	143.094	21.317	326.154	5223.708	5618.979	3.077	3.821	191.455	1	14.725
10/3/2017 22:45	2853900	143.074	21.319	326.11	5223.596	5618.675	3.077	3.821	191.439	1	14.722
10/3/2017 23:00	2854800	143.091	21.32	326.148	5223.743	5618.672	3.077	3.821	191.434	1	14.727
10/3/2017 23:15	2855700	143.095	21.321	326.158	5223.584	5618.358	3.077	3.82	191.439	1	14.728
10/3/2017 23:30	2856600	143.098	21.323	326.165	5223.657	5618.245	3.077	3.82	191.437	1	14.732
10/3/2017 23:45	2857500	143.082	21.323	326.128	5223.522	5618.111	3.077	3.82	191.442	1	14.734
10/4/2017 0:00	2858400	143.047	21.319	326.08	5222.425	5617.405	3.075	3.82	191.482	1	14.732
10/4/2017 0:15	2859300	143.086	21.314	326.137	5221.297	5616.758	3.076	3.819	191.523	1	14.735
10/4/2017 0:30	2860200	143.056	21.311	326.068	5216.419	5611.774	3.073	3.816	191.702	1	14.73
10/4/2017 0:45	2861100	143.044	21.312	326.042	5214.421	5609.563	3.072	3.815	191.776	1	14.739
10/4/2017 1:00	2862000	143.096	21.312	326.159	5212.299	5607.23	3.071	3.813	191.854	1	14.731
10/4/2017 1:15	2862900	143.053	21.313	326.062	5210.972	5605.731	3.07	3.812	191.903	1	14.736
10/4/2017 1:30	2863800	143.053	21.312	326.052	5210.15	5604.962	3.069	3.811	191.933	1	14.737
10/4/2017 1:45	2864700	143.085	21.314	326.135	5209.006	5603.536	3.068	3.81	191.975	1	14.744
10/4/2017 2:00	2865600	143.087	21.314	326.14	5208.871	5603.411	3.068	3.81	191.98	1	14.738
10/4/2017 2:15	2866500	143.051	21.315	326.058	5208.098	5602.439	3.068	3.81	192.009	1	14.74
10/4/2017 2:30	2867400	143.063	21.315	326.085	5205.789	5599.955	3.066	3.808	192.094	1	14.739
10/4/2017 2:45	2868300	143.055	21.311	326.067	5205.263	5599.883	3.066	3.808	192.113	1	14.742
10/4/2017 3:00	2869200	143.093	21.307	326.154	5202.859	5597.65	3.065	3.806	192.202	1	14.747
10/4/2017 3:15	2870100	143.087	21.308	326.14	5199.396	5593.904	3.063	3.804	192.33	1	14.751
10/4/2017 3:30	2871000	143.091	21.308	326.148	5197.444	5591.763	3.062	3.802	192.402	1	14.75
10/4/2017 3:45	2871900	143.063	21.307	326.084	5196.221	5590.509	3.061	3.802	192.448	1	14.744
10/4/2017 4:00	2872800	143.061	21.308	326.081	5195.962	5590.22	3.061	3.801	192.457	1	14.744
10/4/2017 4:15	2873700	143.06	21.309	326.077	5194.8	5588.847	3.06	3.8	192.5	1	14.751
10/4/2017 4:30	2874600	143.065	21.308	326.082	5194.276	5588.276	3.06	3.8	192.522	1	14.745
10/4/2017 4:45	2875500	143.088	21.307	326.141	5194.644	5588.891	3.06	3.8	192.506	1	14.755
10/4/2017 5:00	2876400	143.052	21.304	326.059	5191.609	5585.979	3.058	3.798	192.618	1	14.753
10/4/2017 5:15	2877300	143.051	21.308	326.057	5192.509	5586.424	3.058	3.799	192.585	1	14.757
10/4/2017 5:30	2878200	143.091	21.307	326.148	5191.439	5585.443	3.058	3.798	192.625	1	14.754
10/4/2017 5:45	2879100	143.057	21.306	326.071	5191.146	5585.189	3.058	3.798	192.636	1	14.756
10/4/2017 6:00	2880000	143.059	21.309	3							

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	
	9/28/2017	0:00:00	0	87.866	16	1331
	9/28/2017	0:15:00	0	87.89	16	1331
	9/28/2017	0:30:00	0	87.868	16	1331
	9/28/2017	0:45:00	0	87.887	16	1332.2
	9/28/2017	1:00:00	0	87.869	16	1332.2
	9/28/2017	1:15:00	0	87.892	16	1331
	9/28/2017	1:30:00	0	87.893	16	1332.2
	9/28/2017	1:45:00	0	87.872	16	1331
	9/28/2017	2:00:00	0	87.895	16	1331
	9/28/2017	2:15:00	0	87.854	16	1332.2
	9/28/2017	2:30:00	0	87.896	16	1333.4
	9/28/2017	2:45:00	0	87.879	16	1331
	9/28/2017	3:00:00	0	87.88	16	1332.2
	9/28/2017	3:15:00	0	87.862	16	1332.2
	9/28/2017	3:30:00	0	87.844	16	1332.2
	9/28/2017	3:45:00	0	87.882	16	1332.2
	9/28/2017	4:00:00	0	87.862	16	1332.2
	9/28/2017	4:15:00	0	87.841	16	1332.2
	9/28/2017	4:30:00	0	87.859	16	1332.2
	9/28/2017	4:45:00	0	87.839	16	1332.2
	9/28/2017	5:00:00	0	87.857	16	1333.4
	9/28/2017	5:15:00	0	87.832	16	1332.2
	9/28/2017	5:30:00	0	87.853	16	1332.2
	9/28/2017	5:45:00	0	87.846	16	1332.2
	9/28/2017	6:00:00	0	87.827	16	1332.2
	9/28/2017	6:15:00	0	87.862	16	1333.4
	9/28/2017	6:30:00	0	87.823	16	1332.2
	9/28/2017	6:45:00	0	87.842	16	1332.2
	9/28/2017	7:00:00	0	87.843	16	1333.4
	9/28/2017	7:15:00	0	87.821	16	1332.2
	9/28/2017	7:30:00	0	87.834	16	1331
	9/28/2017	7:45:00	0	87.811	16	1332.2
	9/28/2017	8:00:00	0	87.848	16	1332.2
	9/28/2017	8:15:00	0	87.783	16	1333.4
	9/28/2017	8:30:00	0	87.817	16	1331
	9/28/2017	8:45:00	0	87.834	16	1331
	9/28/2017	9:00:00	0	87.775	16	1333.4
	9/28/2017	9:15:00	0	87.813	16	1331
	9/28/2017	9:30:00	0	87.855	16	1332.2
	9/28/2017	9:45:00	0	87.835	16	1332.2
	9/28/2017	10:00:00	0	87.814	16	1333.4
	9/28/2017	10:15:00	0	87.836	16	1331
	9/28/2017	10:30:00	0	87.84	16	1331
	9/28/2017	10:45:00	0	87.824	16	1331
	9/28/2017	11:00:00	0	87.792	16	1332.2
	9/28/2017	11:15:00	0	87.797	16	1332.2
	9/28/2017	11:30:00	0	87.837	16	1331
	9/28/2017	11:45:00	0	87.797	16	1331
	9/28/2017	12:00:00	0	87.819	16	1331
	9/28/2017	12:15:00	0	87.815	16	1331
	9/28/2017	12:30:00	0	87.795	16	1331
	9/28/2017	12:45:00	0	87.834	16	1331
	9/28/2017	13:00:00	0	87.815	16	1332.2
	9/28/2017	13:15:00	0	87.819	16	1331
	9/28/2017	13:30:00	0	87.824	16	1331
	9/28/2017	13:45:00	0	87.786	16	1331
	9/28/2017	14:00:00	0	87.766	16	1331
	9/28/2017	14:15:00	0	87.807	16	1331
	9/28/2017	14:30:00	0	87.773	16	1331
	9/28/2017	14:45:00	0	87.752	16	1331
	9/28/2017	15:00:00	0	87.831	16	1331
	9/28/2017	15:15:00	0	87.754	16	1331
	9/28/2017	15:30:00	0	87.81	16	1331
	9/28/2017	15:45:00	0	87.753	16	1331
	9/28/2017	16:00:00	0	87.77	16	1331
	9/28/2017	16:15:00	0	87.825	16	1329.9
	9/28/2017	16:30:00	0	87.802	16	1332.2
	9/28/2017	16:45:00	0	87.763	16	1331
	9/28/2017	17:00:00	0	87.766	16	1331
	9/28/2017	17:15:00	0	87.787	16	1331
	9/28/2017	17:30:00	0	87.803	16	1331
	9/28/2017	17:45:00	0	87.766	16	1331
	9/28/2017	18:00:00	0	87.823	16	1332.2
	9/28/2017	18:15:00	0	87.802	16	1331
	9/28/2017	18:30:00	0	87.783	16	1331
	9/28/2017	18:45:00	0	87.762	16	1331
	9/28/2017	19:00:00	0	87.765	16	1331
	9/28/2017	19:15:00	0	87.84	16	1331
	9/28/2017	19:30:00	0	87.823	16	1331
	9/28/2017	19:45:00	0	87.782	16	1331

9/28/2017	20:00:00	0	87.819	16	1331
9/28/2017	20:15:00	0	87.822	16	1331
9/28/2017	20:30:00	0	87.77	16	1331
9/28/2017	20:45:00	0	87.812	16	1331
9/28/2017	21:00:00	0	87.807	16	1331
9/28/2017	21:15:00	0	87.805	16	1331
9/28/2017	21:30:00	0	87.789	16	1331
9/28/2017	21:45:00	0	87.807	16	1332.2
9/28/2017	22:00:00	0	87.805	16	1331
9/28/2017	22:15:00	0	87.806	16	1331
9/28/2017	22:30:00	0	87.8	16	1331
9/28/2017	22:45:00	0	87.848	16	1331
9/28/2017	23:00:00	0	87.808	16	1331
9/28/2017	23:15:00	0	87.79	16	1331
9/28/2017	23:30:00	0	87.794	16	1331
9/28/2017	23:45:00	0	87.772	16	1331
9/29/2017	0:00:00	0	87.807	16	1331
9/29/2017	0:15:00	0	87.809	16	1331
9/29/2017	0:30:00	0	87.795	16	1331
9/29/2017	0:45:00	0	87.802	16	1331
9/29/2017	1:00:00	0	87.775	16	1329.9
9/29/2017	1:15:00	0	87.809	16	1331
9/29/2017	1:30:00	0	87.788	16	1331
9/29/2017	1:45:00	0	87.786	16	1331
9/29/2017	2:00:00	0	87.771	16	1331
9/29/2017	2:15:00	0	87.766	16	1331
9/29/2017	2:30:00	0	87.767	16	1332.2
9/29/2017	2:45:00	0	87.821	16	1331
9/29/2017	3:00:00	0	87.766	16	1331
9/29/2017	3:15:00	0	87.786	16	1331
9/29/2017	3:30:00	0	87.785	16	1331
9/29/2017	3:45:00	0	87.802	16	1331
9/29/2017	4:00:00	0	87.806	16	1331
9/29/2017	4:15:00	0	87.788	16	1331
9/29/2017	4:30:00	0	87.778	16	1331
9/29/2017	4:45:00	0	87.802	16	1331
9/29/2017	5:00:00	0	87.78	16	1331
9/29/2017	5:15:00	0	87.746	16	1331
9/29/2017	5:30:00	0	87.751	16	1331
9/29/2017	5:45:00	0	87.785	16	1331
9/29/2017	6:00:00	0	87.817	16	1331
9/29/2017	6:15:00	0	87.732	16	1331
9/29/2017	6:30:00	0	87.817	16	1329.9
9/29/2017	6:45:00	0	87.803	16	1332.2
9/29/2017	7:00:00	0	87.8	16	1331
9/29/2017	7:15:00	0	87.822	16	1331
9/29/2017	7:30:00	0	87.798	16	1331
9/29/2017	7:45:00	0	87.763	16	1331
9/29/2017	8:00:00	0	87.785	16	1332.2
9/29/2017	8:15:00	0	87.769	16	1332.2
9/29/2017	8:30:00	0	87.775	16	1331
9/29/2017	8:45:00	0	87.761	16	1331
9/29/2017	9:00:00	0	87.764	16	1331
9/29/2017	9:15:00	0	87.799	16	1331
9/29/2017	9:30:00	0	87.762	16	1329.9
9/29/2017	9:45:00	0	87.774	16	1331
9/29/2017	10:00:00	0	87.741	16	1331
9/29/2017	10:15:00	0	87.725	16	1331
9/29/2017	10:30:00	0	87.742	16	1331
9/29/2017	10:45:00	0	87.752	16	1331
9/29/2017	11:00:00	0	87.727	16	1331
9/29/2017	11:15:00	0	87.721	16	1331
9/29/2017	11:30:00	0	87.778	16	1331
9/29/2017	11:45:00	0	87.767	16	1331
9/29/2017	12:00:00	0	87.789	16	1331
9/29/2017	12:15:00	0	87.752	16	1331
9/29/2017	12:30:00	0	87.763	16	1331
9/29/2017	12:45:00	0	87.748	16	1331
9/29/2017	13:00:00	0	87.747	16	1331
9/29/2017	13:15:00	0	87.763	16	1331
9/29/2017	13:30:00	0	87.702	16	1331
9/29/2017	13:45:00	0	87.75	16	1329.9
9/29/2017	14:00:00	0	87.729	16	1331
9/29/2017	14:15:00	0	87.762	16	1331
9/29/2017	14:30:00	0	87.762	16	1331
9/29/2017	14:45:00	0	87.743	16	1331
9/29/2017	15:00:00	0	87.748	16	1331
9/29/2017	15:15:00	0	87.746	16	1332.2
9/29/2017	15:30:00	0	87.742	16	1331
9/29/2017	15:45:00	0	87.689	16	1331
9/29/2017	16:00:00	0	87.758	16	1331
9/29/2017	16:15:00	0	87.745	16	1329.9
9/29/2017	16:30:00	0	87.763	16	1331
9/29/2017	16:45:00	0	87.73	16	1332.2
9/29/2017	17:00:00	0	87.747	16	1331
9/29/2017	17:15:00	0	87.791	16	1331
9/29/2017	17:30:00	0	87.753	16	1331
9/29/2017	17:45:00	0	87.773	16	1331
9/29/2017	18:00:00	0	87.755	16	1331
9/29/2017	18:15:00	0	87.804	16	1331
9/29/2017	18:30:00	0	87.786	16	1331
9/29/2017	18:45:00	0	87.796	16	1331
9/29/2017	19:00:00	0	87.781	16	1331
9/29/2017	19:15:00	0	87.798	16	1332.2
9/29/2017	19:30:00	0	87.795	16	1331
9/29/2017	19:45:00	0	87.791	16	1332.2

9/29/2017	20:00:00	0	87.768	16	1331
9/29/2017	20:15:00	0	87.79	16	1331
9/29/2017	20:30:00	0	87.757	16	1331
9/29/2017	20:45:00	0	87.823	16	1331
9/29/2017	21:00:00	0	87.76	16	1331
9/29/2017	21:15:00	0	87.789	16	1331
9/29/2017	21:30:00	0	87.791	16	1332.2
9/29/2017	21:45:00	0	87.772	16	1331
9/29/2017	22:00:00	0	87.788	16	1331
9/29/2017	22:15:00	0	87.786	16	1331
9/29/2017	22:30:00	0	87.781	16	1331
9/29/2017	22:45:00	0	87.763	16	1329.9
9/29/2017	23:00:00	0	87.796	16	1331
9/29/2017	23:15:00	0	87.798	16	1332.2
9/29/2017	23:30:00	0	87.758	16	1331
9/29/2017	23:45:00	0	87.778	16	1332.2
9/30/2017	0:00:00	0	87.744	16	1331
9/30/2017	0:15:00	0	87.767	16	1331
9/30/2017	0:30:00	0	87.767	16	1331
9/30/2017	0:45:00	0	87.742	16	1331
9/30/2017	1:00:00	0	87.781	16	1331
9/30/2017	1:15:00	0	87.768	16	1331
9/30/2017	1:30:00	0	87.763	16	1331
9/30/2017	1:45:00	0	87.797	16	1332.2
9/30/2017	2:00:00	0	87.763	16	1332.2
9/30/2017	2:15:00	0	87.78	16	1331
9/30/2017	2:30:00	0	87.804	16	1331
9/30/2017	2:45:00	0	87.786	16	1331
9/30/2017	3:00:00	0	87.792	16	1331
9/30/2017	3:15:00	0	87.815	16	1331
9/30/2017	3:30:00	0	87.755	16	1331
9/30/2017	3:45:00	0	87.776	16	1331
9/30/2017	4:00:00	0	87.796	16	1331
9/30/2017	4:15:00	0	87.782	16	1331
9/30/2017	4:30:00	0	87.783	16	1331
9/30/2017	4:45:00	0	87.764	16	1331
9/30/2017	5:00:00	0	87.742	16	1331
9/30/2017	5:15:00	0	87.783	16	1331
9/30/2017	5:30:00	0	87.757	16	1331
9/30/2017	5:45:00	0	87.792	16	1331
9/30/2017	6:00:00	0	87.792	16	1331
9/30/2017	6:15:00	0	87.769	16	1331
9/30/2017	6:30:00	0	87.803	16	1331
9/30/2017	6:45:00	0	87.759	16	1331
9/30/2017	7:00:00	0	87.773	16	1331
9/30/2017	7:15:00	0	87.792	16	1331
9/30/2017	7:30:00	0	87.77	16	1332.2
9/30/2017	7:45:00	0	87.75	16	1331
9/30/2017	8:00:00	0	87.765	16	1331
9/30/2017	8:15:00	0	87.783	16	1331
9/30/2017	8:30:00	0	87.756	16	1331
9/30/2017	8:45:00	0	87.774	16	1331
9/30/2017	9:00:00	0	87.739	16	1332.2
9/30/2017	9:15:00	0	87.734	16	1332.2
9/30/2017	9:30:00	0	87.732	16	1331
9/30/2017	9:45:00	0	87.758	16	1331
9/30/2017	10:00:00	0	87.718	16	1331
9/30/2017	10:15:00	0	87.737	16	1331
9/30/2017	10:30:00	0	87.757	16	1331
9/30/2017	10:45:00	0	87.741	16	1332.2
9/30/2017	11:00:00	0	87.744	16	1331
9/30/2017	11:15:00	0	87.747	16	1331
9/30/2017	11:30:00	0	87.747	16	1331
9/30/2017	11:45:00	0	87.752	16	1332.2
9/30/2017	12:00:00	0	87.734	16	1331
9/30/2017	12:15:00	0	87.734	16	1332.2
9/30/2017	12:30:00	0	87.738	16	1331
9/30/2017	12:45:00	0	87.746	16	1331
9/30/2017	13:00:00	0	87.746	16	1331
9/30/2017	13:15:00	0	87.767	16	1331
9/30/2017	13:30:00	0	87.816	16	1331
9/30/2017	13:45:00	0	87.743	16	1331
9/30/2017	14:00:00	0	87.77	16	1329.9
9/30/2017	14:15:00	0	87.758	16	1332.2
9/30/2017	14:30:00	0	87.777	16	1331
9/30/2017	14:45:00	0	87.757	16	1332.2
9/30/2017	15:00:00	0	87.763	16	1331
9/30/2017	15:15:00	0	87.745	16	1331
9/30/2017	15:30:00	0	87.784	16	1331
9/30/2017	15:45:00	0	87.747	16	1331
9/30/2017	16:00:00	0	87.764	16	1331
9/30/2017	16:15:00	0	87.752	16	1332.2
9/30/2017	16:30:00	0	87.799	16	1331
9/30/2017	16:45:00	0	87.787	16	1332.2
9/30/2017	17:00:00	0	87.768	16	1331
9/30/2017	17:15:00	0	87.809	16	1332.2
9/30/2017	17:30:00	0	87.834	16	1331
9/30/2017	17:45:00	0	87.796	16	1332.2
9/30/2017	18:00:00	0	87.817	16	1331
9/30/2017	18:15:00	0	87.781	16	1331
9/30/2017	18:30:00	0	87.803	16	1331
9/30/2017	18:45:00	0	87.819	16	1331
9/30/2017	19:00:00	0	87.835	16	1331
9/30/2017	19:15:00	0	87.795	16	1331
9/30/2017	19:30:00	0	87.828	16	1331
9/30/2017	19:45:00	0	87.829	16	1331

9/30/2017	20:00:00	0	87.807	16	1331
9/30/2017	20:15:00	0	87.78	16	1331
9/30/2017	20:30:00	0	87.799	16	1331
9/30/2017	20:45:00	0	87.812	16	1332.2
9/30/2017	21:00:00	0	87.791	16	1331
9/30/2017	21:15:00	0	87.788	16	1331
9/30/2017	21:30:00	0	87.808	16	1331
9/30/2017	21:45:00	0	87.825	16	1331
9/30/2017	22:00:00	0	87.812	16	1331
9/30/2017	22:15:00	0	87.793	16	1331
9/30/2017	22:30:00	0	87.791	16	1331
9/30/2017	22:45:00	0	87.851	16	1331
9/30/2017	23:00:00	0	87.813	16	1331
9/30/2017	23:15:00	0	87.832	16	1331
9/30/2017	23:30:00	0	87.829	16	1331
9/30/2017	23:45:00	0	87.849	16	1332.2
10/1/2017	0:00:00	0	87.792	16	1331
10/1/2017	0:15:00	0	87.855	16	1331
10/1/2017	0:30:00	0	87.817	16	1332.2
10/1/2017	0:45:00	0	87.821	16	1332.2
10/1/2017	1:00:00	0	87.807	16	1331
10/1/2017	1:15:00	0	87.787	16	1331
10/1/2017	1:30:00	0	87.809	16	1331
10/1/2017	1:45:00	0	87.797	16	1331
10/1/2017	2:00:00	0	87.784	16	1331
10/1/2017	2:15:00	0	87.822	16	1331
10/1/2017	2:30:00	0	87.843	16	1331
10/1/2017	2:45:00	0	87.823	16	1331
10/1/2017	3:00:00	0	87.82	16	1331
10/1/2017	3:15:00	0	87.816	16	1331
10/1/2017	3:30:00	0	87.792	16	1331
10/1/2017	3:45:00	0	87.823	16	1331
10/1/2017	4:00:00	0	87.816	16	1331
10/1/2017	4:15:00	0	87.819	16	1331
10/1/2017	4:30:00	0	87.839	16	1331
10/1/2017	4:45:00	0	87.814	16	1331
10/1/2017	5:00:00	0	87.822	16	1332.2
10/1/2017	5:15:00	0	87.827	16	1331
10/1/2017	5:30:00	0	87.816	16	1331
10/1/2017	5:45:00	0	87.8	16	1331
10/1/2017	6:00:00	0	87.775	16	1331
10/1/2017	6:15:00	0	87.834	16	1331
10/1/2017	6:30:00	0	87.789	16	1331
10/1/2017	6:45:00	0	87.78	16	1331
10/1/2017	7:00:00	0	87.79	16	1331
10/1/2017	7:15:00	0	87.806	16	1331
10/1/2017	7:30:00	0	87.768	16	1329.9
10/1/2017	7:45:00	0	87.768	16	1331
10/1/2017	8:00:00	0	87.809	16	1331
10/1/2017	8:15:00	0	87.802	16	1331
10/1/2017	8:30:00	0	87.797	16	1331
10/1/2017	8:45:00	0	87.798	16	1331
10/1/2017	9:00:00	0	87.799	16	1331
10/1/2017	9:15:00	0	87.815	16	1331
10/1/2017	9:30:00	0	87.798	16	1331
10/1/2017	9:45:00	0	87.805	16	1331
10/1/2017	10:00:00	0	87.807	16	1331
10/1/2017	10:15:00	0	87.794	16	1331
10/1/2017	10:30:00	0	87.841	16	1331
10/1/2017	10:45:00	0	87.81	16	1331
10/1/2017	11:00:00	0	87.818	16	1331
10/1/2017	11:15:00	0	87.818	16	1331
10/1/2017	11:30:00	0	87.82	16	1331
10/1/2017	11:45:00	0	87.859	16	1331
10/1/2017	12:00:00	0	87.839	16	1332.2
10/1/2017	12:15:00	0	87.857	16	1332.2
10/1/2017	12:30:00	0	87.858	16	1331
10/1/2017	12:45:00	0	87.843	16	1331
10/1/2017	13:00:00	0	87.848	16	1331
10/1/2017	13:15:00	0	87.819	16	1331
10/1/2017	13:30:00	0	87.847	16	1331
10/1/2017	13:45:00	0	87.885	16	1331
10/1/2017	14:00:00	0	87.912	16	1331
10/1/2017	14:15:00	0	87.86	16	1331
10/1/2017	14:30:00	0	87.886	16	1331
10/1/2017	14:45:00	0	87.871	16	1331
10/1/2017	15:00:00	0	87.885	16	1331
10/1/2017	15:15:00	0	87.914	16	1332.2
10/1/2017	15:30:00	0	87.878	16	1331
10/1/2017	15:45:00	0	87.902	16	1331
10/1/2017	16:00:00	0	87.886	16	1331
10/1/2017	16:15:00	0	87.922	16	1331
10/1/2017	16:30:00	0	87.936	16	1331
10/1/2017	16:45:00	0	87.929	16	1332.2
10/1/2017	17:00:00	0	87.915	16	1331
10/1/2017	17:15:00	0	87.937	16	1331
10/1/2017	17:30:00	0	87.914	16	1332.2
10/1/2017	17:45:00	0	87.962	16	1332.2
10/1/2017	18:00:00	0	87.957	16	1331
10/1/2017	18:15:00	0	87.913	16	1331
10/1/2017	18:30:00	0	87.937	16	1331
10/1/2017	18:45:00	0	87.917	16	1332.2
10/1/2017	19:00:00	0	87.934	16	1332.2
10/1/2017	19:15:00	0	87.931	16	1332.2
10/1/2017	19:30:00	0	87.952	16	1332.2
10/1/2017	19:45:00	0	87.933	16	1331

10/1/2017	20:00:00	0	87.997	16	1332.2
10/1/2017	20:15:00	0	87.979	16	1332.2
10/1/2017	20:30:00	0	87.996	16	1331
10/1/2017	20:45:00	0	87.974	16	1331
10/1/2017	21:00:00	0	87.954	16	1332.2
10/1/2017	21:15:00	0	87.97	16	1331
10/1/2017	21:30:00	0	87.989	16	1331
10/1/2017	21:45:00	0	87.982	16	1331
10/1/2017	22:00:00	0	87.977	16	1331
10/1/2017	22:15:00	0	88.021	16	1331
10/1/2017	22:30:00	0	87.987	16	1331
10/1/2017	22:45:00	0	87.988	16	1331
10/1/2017	23:00:00	0	87.991	16	1331
10/1/2017	23:15:00	0	88.031	16	1331
10/1/2017	23:30:00	0	87.997	16	1331
10/1/2017	23:45:00	0	88.018	16	1331
10/2/2017	0:00:00	0	88.012	16	1332.2
10/2/2017	0:15:00	0	88.01	16	1332.2
10/2/2017	0:30:00	0	87.986	16	1331
10/2/2017	0:45:00	0	87.99	16	1331
10/2/2017	1:00:00	0	88.012	16	1331
10/2/2017	1:15:00	0	88.062	16	1331
10/2/2017	1:30:00	0	88.023	16	1331
10/2/2017	1:45:00	0	88.039	16	1331
10/2/2017	2:00:00	0	88.038	16	1331
10/2/2017	2:15:00	0	88.057	16	1331
10/2/2017	2:30:00	0	88.037	16	1331
10/2/2017	2:45:00	0	88.043	16	1331
10/2/2017	3:00:00	0	88.043	16	1329.9
10/2/2017	3:15:00	0	88.064	16	1332.2
10/2/2017	3:30:00	0	88.044	16	1331
10/2/2017	3:45:00	0	88.028	16	1331
10/2/2017	4:00:00	0	88.028	16	1332.2
10/2/2017	4:15:00	0	88.066	16	1331
10/2/2017	4:30:00	0	88.064	16	1331
10/2/2017	4:45:00	0	88.039	16	1331
10/2/2017	5:00:00	0	88.098	16	1331
10/2/2017	5:15:00	0	88.081	16	1332.2
10/2/2017	5:30:00	0	88.041	16	1331
10/2/2017	5:45:00	0	88.082	16	1331
10/2/2017	6:00:00	0	88.061	16	1331
10/2/2017	6:15:00	0	88.037	16	1331
10/2/2017	6:30:00	0	88.073	16	1331
10/2/2017	6:45:00	0	88.049	16	1331
10/2/2017	7:00:00	0	88.085	16	1331
10/2/2017	7:15:00	0	88.062	16	1331
10/2/2017	7:30:00	0	88.059	16	1331
10/2/2017	7:45:00	0	88.055	16	1331
10/2/2017	8:00:00	0	88.031	16	1331
10/2/2017	8:15:00	0	88.021	16	1331
10/2/2017	8:30:00	0	87.998	16	1332.2
10/2/2017	8:45:00	0	88.007	16	1332.2
10/2/2017	9:00:00	0	87.999	16	1332.2
10/2/2017	9:15:00	0	88.001	16	1331
10/2/2017	9:30:00	0	88.061	16	1331
10/2/2017	9:45:00	0	88.022	16	1329.9
10/2/2017	10:00:00	0	87.982	16	1331
10/2/2017	10:15:00	0	88.003	16	1331
10/2/2017	10:30:00	0	88.043	16	1331
10/2/2017	10:45:00	0	88.009	16	1331
10/2/2017	11:00:00	0	88.013	16	1332.2
10/2/2017	11:15:00	0	88.017	16	1331
10/2/2017	11:30:00	0	88.037	16	1331
10/2/2017	11:45:00	0	87.994	16	1332.2
10/2/2017	12:00:00	0	88.017	16	1332.2
10/2/2017	12:15:00	0	87.981	16	1332.2
10/2/2017	12:30:00	0	87.962	16	1331
10/2/2017	12:45:00	0	88.044	16	1331
10/2/2017	13:00:00	0	88.006	16	1331
10/2/2017	13:15:00	0	88.01	16	1332.2
10/2/2017	13:30:00	0	88.033	16	1331
10/2/2017	13:45:00	0	88.021	16	1331
10/2/2017	14:00:00	0	88.046	16	1331
10/2/2017	14:15:00	0	88.014	16	1331
10/2/2017	14:30:00	0	88.017	16	1331
10/2/2017	14:45:00	0	88.004	16	1331
10/2/2017	15:00:00	0	88.044	16	1331
10/2/2017	15:15:00	0	88.046	16	1329.9
10/2/2017	15:30:00	0	87.986	16	1331
10/2/2017	15:45:00	0	88.049	16	1331
10/2/2017	16:00:00	0	88.009	16	1331
10/2/2017	16:15:00	0	88.033	16	1331
10/2/2017	16:30:00	0	88.036	16	1331
10/2/2017	16:45:00	0	88.031	16	1331
10/2/2017	17:00:00	0	88.065	16	1332.2
10/2/2017	17:15:00	0	88.065	16	1331
10/2/2017	17:30:00	0	88.028	16	1331
10/2/2017	17:45:00	0	88.085	16	1331
10/2/2017	18:00:00	0	88.069	16	1331
10/2/2017	18:15:00	0	88.05	16	1332.2
10/2/2017	18:30:00	0	88.046	16	1332.2
10/2/2017	18:45:00	0	88.064	16	1331
10/2/2017	19:00:00	0	88.069	16	1333.4
10/2/2017	19:15:00	0	88.055	16	1331
10/2/2017	19:30:00	0	88.057	16	1331
10/2/2017	19:45:00	0	88.055	16	1331

10/2/2017	20:00:00	0	88.068	16	1331
10/2/2017	20:15:00	0	88.049	16	1332.2
10/2/2017	20:30:00	0	88.052	16	1331
10/2/2017	20:45:00	0	88.053	16	1331
10/2/2017	21:00:00	0	88.087	16	1332.2
10/2/2017	21:15:00	0	88.07	16	1332.2
10/2/2017	21:30:00	0	88.074	16	1331
10/2/2017	21:45:00	0	88.031	16	1332.2
10/2/2017	22:00:00	0	88.065	16	1331
10/2/2017	22:15:00	0	88.07	16	1331
10/2/2017	22:30:00	0	88.097	16	1331
10/2/2017	22:45:00	0	88.043	16	1332.2
10/2/2017	23:00:00	0	88.06	16	1331
10/2/2017	23:15:00	0	88.084	16	1331
10/2/2017	23:30:00	0	88.087	16	1331
10/2/2017	23:45:00	0	88.073	16	1331
10/3/2017	0:00:00	0	88.114	16	1331
10/3/2017	0:15:00	0	88.075	16	1331
10/3/2017	0:30:00	0	88.071	16	1331
10/3/2017	0:45:00	0	88.057	16	1331
10/3/2017	1:00:00	0	88.113	16	1331
10/3/2017	1:15:00	0	88.076	16	1332.2
10/3/2017	1:30:00	0	88.118	16	1331
10/3/2017	1:45:00	0	88.12	16	1331
10/3/2017	2:00:00	0	88.119	16	1331
10/3/2017	2:15:00	0	88.102	16	1331
10/3/2017	2:30:00	0	88.121	16	1331
10/3/2017	2:45:00	0	88.077	16	1331
10/3/2017	3:00:00	0	88.079	16	1332.2
10/3/2017	3:15:00	0	88.118	16	1331
10/3/2017	3:30:00	0	88.103	16	1331
10/3/2017	3:45:00	0	88.084	16	1332.2
10/3/2017	4:00:00	0	88.12	16	1331
10/3/2017	4:15:00	0	88.104	16	1331
10/3/2017	4:30:00	0	88.143	16	1329.9
10/3/2017	4:45:00	0	88.085	16	1332.2
10/3/2017	5:00:00	0	88.084	16	1331
10/3/2017	5:15:00	0	88.08	16	1331
10/3/2017	5:30:00	0	88.117	16	1332.2
10/3/2017	5:45:00	0	88.098	16	1331
10/3/2017	6:00:00	0	88.116	16	1331
10/3/2017	6:15:00	0	88.076	16	1331
10/3/2017	6:30:00	0	88.114	16	1332.2
10/3/2017	6:45:00	0	88.073	16	1331
10/3/2017	7:00:00	0	88.055	16	1331
10/3/2017	7:15:00	0	88.112	16	1332.2
10/3/2017	7:30:00	0	88.069	16	1331
10/3/2017	7:45:00	0	88.082	16	1332.2
10/3/2017	8:00:00	0	88.108	16	1331
10/3/2017	8:15:00	0	88.066	16	1331
10/3/2017	8:30:00	0	88.083	16	1331
10/3/2017	8:45:00	0	88.077	16	1332.2
10/3/2017	9:00:00	0	88.066	16	1331
10/3/2017	9:15:00	0	88.022	16	1332.2
10/3/2017	9:30:00	0	88.071	16	1331
10/3/2017	9:45:00	0	88.047	16	1332.2
10/3/2017	10:00:00	0	88.024	16	1331
10/3/2017	10:15:00	0	88.074	16	1332.2
10/3/2017	10:30:00	0	88.032	16	1331
10/3/2017	10:45:00	0	88.049	16	1331
10/3/2017	11:00:00	0	88.031	16	1332.2
10/3/2017	11:15:00	0	88.07	16	1331
10/3/2017	11:30:00	0	88.041	16	1331
10/3/2017	11:45:00	0	88.061	16	1332.2
10/3/2017	12:00:00	0	88.02	16	1332.2
10/3/2017	12:15:00	0	88.044	16	1331
10/3/2017	12:30:00	0	88.04	16	1331
10/3/2017	12:45:00	0	88.059	16	1331
10/3/2017	13:00:00	0	88.023	16	1332.2
10/3/2017	13:15:00	0	88.036	16	1332.2
10/3/2017	13:30:00	0	88.055	16	1331
10/3/2017	13:45:00	0	88.026	16	1329.9
10/3/2017	14:00:00	0	88.041	16	1331
10/3/2017	14:15:00	0	87.978	16	1332.2
10/3/2017	14:30:00	0	88.013	16	1332.2
10/3/2017	14:45:00	0	88.027	16	1331
10/3/2017	15:00:00	0	88.042	16	1331
10/3/2017	15:15:00	0	88.021	16	1331
10/3/2017	15:30:00	0	88.017	16	1331
10/3/2017	15:45:00	0	87.973	16	1331
10/3/2017	16:00:00	0	88.032	16	1332.2
10/3/2017	16:15:00	0	88.012	16	1331
10/3/2017	16:30:00	0	88.01	16	1331
10/3/2017	16:45:00	0	88.046	16	1332.2
10/3/2017	17:00:00	0	88.04	16	1332.2
10/3/2017	17:15:00	0	88.038	16	1331
10/3/2017	17:30:00	0	88.034	16	1331
10/3/2017	17:45:00	0	88.013	16	1331
10/3/2017	18:00:00	0	88.041	16	1332.2
10/3/2017	18:15:00	0	88.058	16	1331
10/3/2017	18:30:00	0	88.013	16	1331
10/3/2017	18:45:00	0	88.007	16	1332.2
10/3/2017	19:00:00	0	88.045	16	1331
10/3/2017	19:15:00	0	88.022	16	1331
10/3/2017	19:30:00	0	88.039	16	1331
10/3/2017	19:45:00	0	88.035	16	1332.2

10/3/2017	20:00:00	0	88.074	16	1331
10/3/2017	20:15:00	0	88.047	16	1331
10/3/2017	20:30:00	0	88.021	16	1331
10/3/2017	20:45:00	0	87.994	16	1331
10/3/2017	21:00:00	0	88.072	16	1332.2
10/3/2017	21:15:00	0	88.073	16	1329.9
10/3/2017	21:30:00	0	88.048	16	1331
10/3/2017	21:45:00	0	88.047	16	1331
10/3/2017	22:00:00	0	88.024	16	1331
10/3/2017	22:15:00	0	88.021	16	1332.2
10/3/2017	22:30:00	0	88.033	16	1331
10/3/2017	22:45:00	0	88.031	16	1331
10/3/2017	23:00:00	0	88.031	16	1329.9
10/3/2017	23:15:00	0	88.007	16	1331
10/3/2017	23:30:00	0	88.082	16	1332.2
10/3/2017	23:45:00	0	88.061	16	1331
10/4/2017	0:00:00	0	88.043	16	1331
10/4/2017	0:15:00	0	88.062	16	1332.2
10/4/2017	0:30:00	0	88.041	16	1331
10/4/2017	0:45:00	0	88.06	16	1331
10/4/2017	1:00:00	0	88.037	16	1332.2
10/4/2017	1:15:00	0	88.074	16	1332.2
10/4/2017	1:30:00	0	88.053	16	1331
10/4/2017	1:45:00	0	88.028	16	1332.2
10/4/2017	2:00:00	0	88.044	16	1332.2
10/4/2017	2:15:00	0	88.08	16	1332.2
10/4/2017	2:30:00	0	88.053	16	1331
10/4/2017	2:45:00	0	88.046	16	1332.2
10/4/2017	3:00:00	0	88.024	16	1332.2
10/4/2017	3:15:00	0	88.059	16	1331
10/4/2017	3:30:00	0	88.062	16	1331
10/4/2017	3:45:00	0	88.065	16	1331
10/4/2017	4:00:00	0	88.084	16	1331
10/4/2017	4:15:00	0	88.061	16	1331
10/4/2017	4:30:00	0	88.079	16	1331
10/4/2017	4:45:00	0	88.072	16	1332.2
10/4/2017	5:00:00	0	88.091	16	1331
10/4/2017	5:15:00	0	88.03	16	1332.2
10/4/2017	5:30:00	0	88.084	16	1331
10/4/2017	5:45:00	0	88.062	16	1332.2
10/4/2017	6:00:00	0	88.058	16	1331
10/4/2017	6:15:00	0	88.038	16	1331
10/4/2017	6:30:00	0	88.057	16	1331
10/4/2017	6:45:00	0	88.11	16	1332.2
10/4/2017	7:00:00	0	88.086	16	1332.2
10/4/2017	7:15:00	0	88.087	16	1331
10/4/2017	7:30:00	0	88.019	16	1331
10/4/2017	7:45:00	0	88.029	16	1331
10/4/2017	8:00:00	0	87.988	16	1331
10/4/2017	8:15:00	0	88.063	16	1331
10/4/2017	8:30:00	0	88.019	16	1331
10/4/2017	8:45:00	0	88.018	16	1331
10/4/2017	9:00:00	0	88.033	16	1331
10/4/2017	9:15:00	0	87.985	16	1331
10/4/2017	9:30:00	0	88.006	16	1332.2
10/4/2017	9:45:00	0	87.989	16	1331
10/4/2017	10:00:00	0	87.991	16	1331
10/4/2017	10:15:00	0	88.031	16	1332.2
10/4/2017	10:30:00	0	88.03	16	1332.2
10/4/2017	10:45:00	0	88.013	16	1331
10/4/2017	11:00:00	0	88.035	16	1331
10/4/2017	11:15:00	0	87.962	16	1332.2
10/4/2017	11:30:00	0	88.005	16	1331
10/4/2017	11:45:00	0	88.032	16	1332.2
10/4/2017	12:00:00	0	88.017	16	1331
10/4/2017	12:15:00	0	88.021	16	1331
10/4/2017	12:30:00	0	87.984	16	1331
10/4/2017	12:45:00	0	87.985	16	1331
10/4/2017	13:00:00	0	88.005	16	1331
10/4/2017	13:15:00	0	87.989	16	1332.2
10/4/2017	13:30:00	0	87.969	16	1332.2
10/4/2017	13:45:00	0	88.031	16	1332.2
10/4/2017	14:00:00	0	87.975	16	1332.2
10/4/2017	14:15:00	0	87.939	16	1333.4
10/4/2017	14:30:00	0	87.978	16	1331
10/4/2017	14:45:00	0	87.961	16	1331
10/4/2017	15:00:00	0	87.986	16	1332.2
10/4/2017	15:15:00	0	87.954	16	1331
10/4/2017	15:30:00	0	87.993	16	1331
10/4/2017	15:45:00	0	87.979	16	1331
10/4/2017	16:00:00	0	87.961	16	1331
10/4/2017	16:15:00	0	88.005	16	1332.2
10/4/2017	16:30:00	0	87.97	16	1331
10/4/2017	16:45:00	0	87.989	16	1332.2
10/4/2017	17:00:00	0	87.977	16	1332.2
10/4/2017	17:15:00	0	87.995	16	1331
10/4/2017	17:30:00	0	87.979	16	1331
10/4/2017	17:45:00	0	88.019	16	1331
10/4/2017	18:00:00	0	87.978	16	1332.2
10/4/2017	18:15:00	0	87.976	16	1331
10/4/2017	18:30:00	0	87.975	16	1332.2
10/4/2017	18:45:00	0	88.018	16	1332.2
10/4/2017	19:00:00	0	87.977	16	1332.2
10/4/2017	19:15:00	0	87.956	16	1331
10/4/2017	19:30:00	0	87.994	16	1331
10/4/2017	19:45:00	0	87.997	16	1332.2

10/4/2017	20:00:00	0	87.997	16	1331
10/4/2017	20:15:00	0	88.016	16	1331
10/4/2017	20:30:00	0	88.035	16	1331
10/4/2017	20:45:00	0	88.036	16	1332.2
10/4/2017	21:00:00	0	88.018	16	1331
10/4/2017	21:15:00	0	88.019	16	1331
10/4/2017	21:30:00	0	88.015	16	1331
10/4/2017	21:45:00	0	88.03	16	1332.2
10/4/2017	22:00:00	0	88.009	16	1331
10/4/2017	22:15:00	0	88.046	16	1331
10/4/2017	22:30:00	0	88.031	16	1332.2
10/4/2017	22:45:00	0	88.005	16	1331
10/4/2017	23:00:00	0	88.024	16	1332.2
10/4/2017	23:15:00	0	88.007	16	1331
10/4/2017	23:30:00	0	88.049	16	1332.2
10/4/2017	23:45:00	0	88.046	16	1332.2

Serial_number: 1071264

Project ID:

MPWSP TSW Long Term Pumping

Location:

MPWSP MW-5S

LEVEL

UNIT: ft

Offset: 0.000000 ft

Altitude: 80.000000 ft

Density: 1.000000 kg/L

TEMPERATURE

UNIT: Deg C

CONDUCTIVITY

UNIT: μS/cm

Date	Time	ms	LEVEL	TEMPERATURE	CONDUCTIVITY	
	9/28/2017	0:00:00	0	30.386	15.8	1966.6
	9/28/2017	0:15:00	0	30.39	15.8	1967.8
	9/28/2017	0:30:00	0	30.427	15.8	1966.6
	9/28/2017	0:45:00	0	30.446	15.8	1967.8
	9/28/2017	1:00:00	0	30.409	15.8	1966.6
	9/28/2017	1:15:00	0	30.451	15.8	1967.8
	9/28/2017	1:30:00	0	30.452	15.8	1967.8
	9/28/2017	1:45:00	0	30.412	15.8	1970.2
	9/28/2017	2:00:00	0	30.454	15.8	1970.2
	9/28/2017	2:15:00	0	30.433	15.8	1967.8
	9/28/2017	2:30:00	0	30.416	15.8	1967.8
	9/28/2017	2:45:00	0	30.478	15.8	1967.8
	9/28/2017	3:00:00	0	30.439	15.8	1970.2
	9/28/2017	3:15:00	0	30.481	15.8	1967.8
	9/28/2017	3:30:00	0	30.462	15.8	1967.8
	9/28/2017	3:45:00	0	30.461	15.8	1967.8
	9/28/2017	4:00:00	0	30.481	15.8	1967.8
	9/28/2017	4:15:00	0	30.439	15.8	1966.6
	9/28/2017	4:30:00	0	30.458	15.8	1967.8
	9/28/2017	4:45:00	0	30.437	15.8	1967.8
	9/28/2017	5:00:00	0	30.476	15.8	1967.8
	9/28/2017	5:15:00	0	30.411	15.8	1966.6
	9/28/2017	5:30:00	0	30.413	15.8	1967.8
	9/28/2017	5:45:00	0	30.465	15.8	1966.6
	9/28/2017	6:00:00	0	30.425	15.8	1966.6
	9/28/2017	6:15:00	0	30.461	15.8	1970.2
	9/28/2017	6:30:00	0	30.421	15.8	1966.6
	9/28/2017	6:45:00	0	30.461	15.8	1970.2
	9/28/2017	7:00:00	0	30.462	15.8	1970.2
	9/28/2017	7:15:00	0	30.439	15.8	1967.8
	9/28/2017	7:30:00	0	30.472	15.8	1966.6
	9/28/2017	7:45:00	0	30.409	15.8	1967.8
	9/28/2017	8:00:00	0	30.427	15.8	1967.8
	9/28/2017	8:15:00	0	30.382	15.8	1967.8
	9/28/2017	8:30:00	0	30.416	15.8	1967.8
	9/28/2017	8:45:00	0	30.374	15.8	1966.6
	9/28/2017	9:00:00	0	30.413	15.8	1970.2
	9/28/2017	9:15:00	0	30.432	15.7	1969.9
	9/28/2017	9:30:00	0	30.414	15.8	1967.8
	9/28/2017	9:45:00	0	30.473	15.8	1967.8
	9/28/2017	10:00:00	0	30.452	15.8	1966.6
	9/28/2017	10:15:00	0	30.415	15.8	1967.8
	9/28/2017	10:30:00	0	30.458	15.8	1967.8
	9/28/2017	10:45:00	0	30.462	15.8	1967.8
	9/28/2017	11:00:00	0	30.469	15.8	1967.8
	9/28/2017	11:15:00	0	30.415	15.8	1967.8
	9/28/2017	11:30:00	0	30.475	15.8	1966.6
	9/28/2017	11:45:00	0	30.415	15.7	1969.9
	9/28/2017	12:00:00	0	30.437	15.8	1967.8
	9/28/2017	12:15:00	0	30.492	15.8	1970.2
	9/28/2017	12:30:00	0	30.472	15.8	1967.8
	9/28/2017	12:45:00	0	30.453	15.8	1967.8
	9/28/2017	13:00:00	0	30.472	15.8	1967.8
	9/28/2017	13:15:00	0	30.476	15.8	1966.6
	9/28/2017	13:30:00	0	30.462	15.8	1966.6
	9/28/2017	13:45:00	0	30.483	15.8	1967.8
	9/28/2017	14:00:00	0	30.502	15.8	1967.8
	9/28/2017	14:15:00	0	30.465	15.8	1967.8
	9/28/2017	14:30:00	0	30.489	15.8	1966.6
	9/28/2017	14:45:00	0	30.449	15.8	1967.8
	9/28/2017	15:00:00	0	30.469	15.8	1967.8
	9/28/2017	15:15:00	0	30.49	15.8	1966.6
	9/28/2017	15:30:00	0	30.487	15.8	1967.8
	9/28/2017	15:45:00	0	30.47	15.8	1967.8
	9/28/2017	16:00:00	0	30.467	15.8	1966.6
	9/28/2017	16:15:00	0	30.482	15.8	1966.6
	9/28/2017	16:30:00	0	30.44	15.8	1966.6
	9/28/2017	16:45:00	0	30.499	15.8	1967.8
	9/28/2017	17:00:00	0	30.463	15.8	1966.6
	9/28/2017	17:15:00	0	30.465	15.8	1967.8
	9/28/2017	17:30:00	0	30.461	15.8	1966.6
	9/28/2017	17:45:00	0	30.443	15.7	1969.9
	9/28/2017	18:00:00	0	30.461	15.8	1966.6
	9/28/2017	18:15:00	0	30.499	15.8	1966.6
	9/28/2017	18:30:00	0	30.402	15.8	1966.6
	9/28/2017	18:45:00	0	30.439	15.8	1966.6
	9/28/2017	19:00:00	0	30.422	15.8	1966.6
	9/28/2017	19:15:00	0	30.419	15.8	1966.6
	9/28/2017	19:30:00	0	30.461	15.8	1966.6
	9/28/2017	19:45:00	0	30.479	15.8	1967.8

9/28/2017	20:00:00	0	30.476	15.8	1966.6
9/28/2017	20:15:00	0	30.44	15.8	1966.6
9/28/2017	20:30:00	0	30.448	15.8	1966.6
9/28/2017	20:45:00	0	30.469	15.8	1966.6
9/28/2017	21:00:00	0	30.425	15.8	1966.6
9/28/2017	21:15:00	0	30.443	15.8	1966.6
9/28/2017	21:30:00	0	30.427	15.8	1966.6
9/28/2017	21:45:00	0	30.445	15.8	1966.6
9/28/2017	22:00:00	0	30.443	15.8	1966.6
9/28/2017	22:15:00	0	30.463	15.8	1967.8
9/28/2017	22:30:00	0	30.438	15.8	1966.6
9/28/2017	22:45:00	0	30.427	15.8	1966.6
9/28/2017	23:00:00	0	30.446	15.7	1969.9
9/28/2017	23:15:00	0	30.467	15.8	1966.6
9/28/2017	23:30:00	0	30.432	15.8	1966.6
9/28/2017	23:45:00	0	30.469	15.8	1967.8
9/29/2017	0:00:00	0	30.426	15.8	1966.6
9/29/2017	0:15:00	0	30.467	15.8	1966.6
9/29/2017	0:30:00	0	30.452	15.8	1966.6
9/29/2017	0:45:00	0	30.46	15.8	1966.6
9/29/2017	1:00:00	0	30.413	15.8	1967.8
9/29/2017	1:15:00	0	30.428	15.8	1967.8
9/29/2017	1:30:00	0	30.445	15.8	1966.6
9/29/2017	1:45:00	0	30.483	15.8	1966.6
9/29/2017	2:00:00	0	30.488	15.8	1966.6
9/29/2017	2:15:00	0	30.443	15.8	1966.6
9/29/2017	2:30:00	0	30.444	15.8	1967.8
9/29/2017	2:45:00	0	30.439	15.8	1966.6
9/29/2017	3:00:00	0	30.424	15.8	1966.6
9/29/2017	3:15:00	0	30.443	15.8	1966.6
9/29/2017	3:30:00	0	30.462	15.8	1966.6
9/29/2017	3:45:00	0	30.46	15.8	1966.6
9/29/2017	4:00:00	0	30.444	15.8	1966.6
9/29/2017	4:15:00	0	30.445	15.8	1966.6
9/29/2017	4:30:00	0	30.514	15.8	1967.8
9/29/2017	4:45:00	0	30.46	15.8	1966.6
9/29/2017	5:00:00	0	30.457	15.8	1966.6
9/29/2017	5:15:00	0	30.483	15.8	1966.6
9/29/2017	5:30:00	0	30.448	15.8	1966.6
9/29/2017	5:45:00	0	30.462	15.8	1966.6
9/29/2017	6:00:00	0	30.435	15.8	1966.6
9/29/2017	6:15:00	0	30.449	15.8	1967.8
9/29/2017	6:30:00	0	30.416	15.8	1967.8
9/29/2017	6:45:00	0	30.461	15.8	1966.6
9/29/2017	7:00:00	0	30.458	15.8	1966.6
9/29/2017	7:15:00	0	30.421	15.8	1966.6
9/29/2017	7:30:00	0	30.456	15.8	1967.8
9/29/2017	7:45:00	0	30.441	15.8	1967.8
9/29/2017	8:00:00	0	30.423	15.8	1966.6
9/29/2017	8:15:00	0	30.447	15.8	1966.6
9/29/2017	8:30:00	0	30.472	15.8	1966.6
9/29/2017	8:45:00	0	30.399	15.8	1966.6
9/29/2017	9:00:00	0	30.442	15.8	1966.6
9/29/2017	9:15:00	0	30.456	15.8	1966.6
9/29/2017	9:30:00	0	30.42	15.7	1969.9
9/29/2017	9:45:00	0	30.432	15.8	1966.6
9/29/2017	10:00:00	0	30.438	15.8	1967.8
9/29/2017	10:15:00	0	30.422	15.8	1967.8
9/29/2017	10:30:00	0	30.478	15.8	1966.6
9/29/2017	10:45:00	0	30.488	15.8	1967.8
9/29/2017	11:00:00	0	30.444	15.8	1967.8
9/29/2017	11:15:00	0	30.477	15.8	1966.6
9/29/2017	11:30:00	0	30.436	15.8	1966.6
9/29/2017	11:45:00	0	30.425	15.8	1966.6
9/29/2017	12:00:00	0	30.427	15.8	1966.6
9/29/2017	12:15:00	0	30.468	15.8	1966.6
9/29/2017	12:30:00	0	30.46	15.8	1966.6
9/29/2017	12:45:00	0	30.484	15.8	1966.6
9/29/2017	13:00:00	0	30.483	15.8	1966.6
9/29/2017	13:15:00	0	30.44	15.8	1967.8
9/29/2017	13:30:00	0	30.477	15.8	1966.6
9/29/2017	13:45:00	0	30.427	15.8	1966.6
9/29/2017	14:00:00	0	30.465	15.8	1967.8
9/29/2017	14:15:00	0	30.478	15.8	1966.6
9/29/2017	14:30:00	0	30.459	15.8	1966.6
9/29/2017	14:45:00	0	30.479	15.8	1966.6
9/29/2017	15:00:00	0	30.465	15.8	1966.6
9/29/2017	15:15:00	0	30.443	15.8	1966.6
9/29/2017	15:30:00	0	30.498	15.8	1967.8
9/29/2017	15:45:00	0	30.524	15.8	1966.6
9/29/2017	16:00:00	0	30.475	15.8	1966.6
9/29/2017	16:15:00	0	30.462	15.8	1966.6
9/29/2017	16:30:00	0	30.48	15.8	1966.6
9/29/2017	16:45:00	0	30.446	15.8	1966.6
9/29/2017	17:00:00	0	30.543	15.8	1966.6
9/29/2017	17:15:00	0	30.468	15.8	1966.6
9/29/2017	17:30:00	0	30.509	15.8	1967.8
9/29/2017	17:45:00	0	30.47	15.8	1967.8
9/29/2017	18:00:00	0	30.492	15.8	1966.6
9/29/2017	18:15:00	0	30.501	15.8	1966.6
9/29/2017	18:30:00	0	30.463	15.8	1966.6
9/29/2017	18:45:00	0	30.512	15.8	1966.6
9/29/2017	19:00:00	0	30.498	15.8	1966.6
9/29/2017	19:15:00	0	30.455	15.8	1966.6
9/29/2017	19:30:00	0	30.511	15.8	1966.6
9/29/2017	19:45:00	0	30.488	15.8	1966.6

9/29/2017	20:00:00	0	30.465	15.8	1966.6
9/29/2017	20:15:00	0	30.467	15.8	1966.6
9/29/2017	20:30:00	0	30.494	15.8	1966.6
9/29/2017	20:45:00	0	30.441	15.8	1966.6
9/29/2017	21:00:00	0	30.477	15.8	1966.6
9/29/2017	21:15:00	0	30.447	15.8	1966.6
9/29/2017	21:30:00	0	30.488	15.8	1966.6
9/29/2017	21:45:00	0	30.449	15.8	1966.6
9/29/2017	22:00:00	0	30.505	15.8	1966.6
9/29/2017	22:15:00	0	30.464	15.8	1966.6
9/29/2017	22:30:00	0	30.459	15.8	1966.6
9/29/2017	22:45:00	0	30.46	15.8	1966.6
9/29/2017	23:00:00	0	30.454	15.8	1966.6
9/29/2017	23:15:00	0	30.416	15.8	1966.6
9/29/2017	23:30:00	0	30.494	15.8	1966.6
9/29/2017	23:45:00	0	30.456	15.7	1969.9
9/30/2017	0:00:00	0	30.461	15.8	1966.6
9/30/2017	0:15:00	0	30.483	15.8	1966.6
9/30/2017	0:30:00	0	30.444	15.8	1966.6
9/30/2017	0:45:00	0	30.459	15.8	1966.6
9/30/2017	1:00:00	0	30.459	15.8	1966.6
9/30/2017	1:15:00	0	30.504	15.8	1966.6
9/30/2017	1:30:00	0	30.479	15.8	1966.6
9/30/2017	1:45:00	0	30.455	15.8	1966.6
9/30/2017	2:00:00	0	30.46	15.8	1966.6
9/30/2017	2:15:00	0	30.477	15.8	1966.6
9/30/2017	2:30:00	0	30.481	15.8	1966.6
9/30/2017	2:45:00	0	30.444	15.8	1967.8
9/30/2017	3:00:00	0	30.47	15.8	1966.6
9/30/2017	3:15:00	0	30.433	15.8	1966.6
9/30/2017	3:30:00	0	30.452	15.8	1966.6
9/30/2017	3:45:00	0	30.512	15.8	1966.6
9/30/2017	4:00:00	0	30.474	15.8	1966.6
9/30/2017	4:15:00	0	30.498	15.8	1966.6
9/30/2017	4:30:00	0	30.44	15.8	1966.6
9/30/2017	4:45:00	0	30.5	15.8	1966.6
9/30/2017	5:00:00	0	30.459	15.8	1966.6
9/30/2017	5:15:00	0	30.48	15.8	1966.6
9/30/2017	5:30:00	0	30.454	15.8	1966.6
9/30/2017	5:45:00	0	30.45	15.8	1966.6
9/30/2017	6:00:00	0	30.489	15.8	1966.6
9/30/2017	6:15:00	0	30.466	15.8	1966.6
9/30/2017	6:30:00	0	30.441	15.8	1966.6
9/30/2017	6:45:00	0	30.456	15.8	1966.6
9/30/2017	7:00:00	0	30.47	15.8	1966.6
9/30/2017	7:15:00	0	30.43	15.8	1966.6
9/30/2017	7:30:00	0	30.467	15.8	1966.6
9/30/2017	7:45:00	0	30.486	15.8	1966.6
9/30/2017	8:00:00	0	30.423	15.8	1966.6
9/30/2017	8:15:00	0	30.421	15.8	1966.6
9/30/2017	8:30:00	0	30.434	15.8	1966.6
9/30/2017	8:45:00	0	30.451	15.8	1966.6
9/30/2017	9:00:00	0	30.396	15.8	1966.6
9/30/2017	9:15:00	0	30.431	15.8	1966.6
9/30/2017	9:30:00	0	30.448	15.8	1966.6
9/30/2017	9:45:00	0	30.436	15.8	1966.6
9/30/2017	10:00:00	0	30.474	15.8	1966.6
9/30/2017	10:15:00	0	30.453	15.8	1966.6
9/30/2017	10:30:00	0	30.454	15.8	1966.6
9/30/2017	10:45:00	0	30.438	15.8	1966.6
9/30/2017	11:00:00	0	30.48	15.8	1966.6
9/30/2017	11:15:00	0	30.444	15.8	1966.6
9/30/2017	11:30:00	0	30.503	15.7	1969.9
9/30/2017	11:45:00	0	30.449	15.8	1966.6
9/30/2017	12:00:00	0	30.451	15.8	1966.6
9/30/2017	12:15:00	0	30.47	15.8	1966.6
9/30/2017	12:30:00	0	30.494	15.8	1966.6
9/30/2017	12:45:00	0	30.463	15.8	1966.6
9/30/2017	13:00:00	0	30.482	15.8	1966.6
9/30/2017	13:15:00	0	30.503	15.8	1966.6
9/30/2017	13:30:00	0	30.533	15.8	1966.6
9/30/2017	13:45:00	0	30.48	15.8	1966.6
9/30/2017	14:00:00	0	30.506	15.8	1966.6
9/30/2017	14:15:00	0	30.495	15.8	1966.6
9/30/2017	14:30:00	0	30.513	15.8	1966.6
9/30/2017	14:45:00	0	30.474	15.8	1966.6
9/30/2017	15:00:00	0	30.5	15.8	1966.6
9/30/2017	15:15:00	0	30.52	15.8	1966.6
9/30/2017	15:30:00	0	30.501	15.8	1965.4
9/30/2017	15:45:00	0	30.483	15.8	1966.6
9/30/2017	16:00:00	0	30.52	15.8	1966.6
9/30/2017	16:15:00	0	30.468	15.8	1966.6
9/30/2017	16:30:00	0	30.496	15.8	1966.6
9/30/2017	16:45:00	0	30.484	15.8	1966.6
9/30/2017	17:00:00	0	30.445	15.8	1966.6
9/30/2017	17:15:00	0	30.486	15.8	1966.6
9/30/2017	17:30:00	0	30.472	15.8	1966.6
9/30/2017	17:45:00	0	30.513	15.8	1966.6
9/30/2017	18:00:00	0	30.475	15.8	1965.4
9/30/2017	18:15:00	0	30.537	15.8	1966.6
9/30/2017	18:30:00	0	30.52	15.8	1966.6
9/30/2017	18:45:00	0	30.477	15.8	1966.6
9/30/2017	19:00:00	0	30.453	15.8	1966.6
9/30/2017	19:15:00	0	30.492	15.8	1966.6
9/30/2017	19:30:00	0	30.505	15.8	1966.6
9/30/2017	19:45:00	0	30.506	15.8	1965.4

9/30/2017	20:00:00	0	30.465	15.8	1965.4
9/30/2017	20:15:00	0	30.458	15.8	1966.6
9/30/2017	20:30:00	0	30.476	15.8	1965.4
9/30/2017	20:45:00	0	30.489	15.8	1966.6
9/30/2017	21:00:00	0	30.409	15.8	1965.4
9/30/2017	21:15:00	0	30.465	15.8	1965.4
9/30/2017	21:30:00	0	30.465	15.7	1969.9
9/30/2017	21:45:00	0	30.463	15.8	1965.4
9/30/2017	22:00:00	0	30.43	15.8	1966.6
9/30/2017	22:15:00	0	30.451	15.8	1965.4
9/30/2017	22:30:00	0	30.449	15.7	1969.9
9/30/2017	22:45:00	0	30.469	15.8	1965.4
9/30/2017	23:00:00	0	30.49	15.8	1965.4
9/30/2017	23:15:00	0	30.47	15.7	1969.9
9/30/2017	23:30:00	0	30.448	15.8	1965.4
9/30/2017	23:45:00	0	30.507	15.8	1966.6
10/1/2017	0:00:00	0	30.489	15.8	1966.6
10/1/2017	0:15:00	0	30.493	15.8	1966.6
10/1/2017	0:30:00	0	30.494	15.8	1966.6
10/1/2017	0:45:00	0	30.478	15.8	1966.6
10/1/2017	1:00:00	0	30.484	15.8	1966.6
10/1/2017	1:15:00	0	30.484	15.8	1965.4
10/1/2017	1:30:00	0	30.467	15.8	1966.6
10/1/2017	1:45:00	0	30.534	15.8	1966.6
10/1/2017	2:00:00	0	30.5	15.7	1968.8
10/1/2017	2:15:00	0	30.46	15.8	1965.4
10/1/2017	2:30:00	0	30.52	15.8	1966.6
10/1/2017	2:45:00	0	30.5	15.8	1966.6
10/1/2017	3:00:00	0	30.458	15.8	1966.6
10/1/2017	3:15:00	0	30.493	15.8	1965.4
10/1/2017	3:30:00	0	30.509	15.8	1966.6
10/1/2017	3:45:00	0	30.461	15.8	1966.6
10/1/2017	4:00:00	0	30.494	15.8	1966.6
10/1/2017	4:15:00	0	30.497	15.8	1966.6
10/1/2017	4:30:00	0	30.516	15.8	1966.6
10/1/2017	4:45:00	0	30.531	15.8	1965.4
10/1/2017	5:00:00	0	30.519	15.8	1966.6
10/1/2017	5:15:00	0	30.484	15.7	1968.8
10/1/2017	5:30:00	0	30.513	15.8	1965.4
10/1/2017	5:45:00	0	30.458	15.8	1965.4
10/1/2017	6:00:00	0	30.472	15.7	1968.8
10/1/2017	6:15:00	0	30.511	15.7	1968.8
10/1/2017	6:30:00	0	30.467	15.7	1969.9
10/1/2017	6:45:00	0	30.477	15.8	1965.4
10/1/2017	7:00:00	0	30.467	15.7	1969.9
10/1/2017	7:15:00	0	30.404	15.8	1966.6
10/1/2017	7:30:00	0	30.465	15.8	1966.6
10/1/2017	7:45:00	0	30.446	15.8	1966.6
10/1/2017	8:00:00	0	30.466	15.8	1966.6
10/1/2017	8:15:00	0	30.44	15.8	1966.6
10/1/2017	8:30:00	0	30.435	15.8	1966.6
10/1/2017	8:45:00	0	30.495	15.8	1966.6
10/1/2017	9:00:00	0	30.437	15.8	1966.6
10/1/2017	9:15:00	0	30.453	15.8	1966.6
10/1/2017	9:30:00	0	30.436	15.8	1966.6
10/1/2017	9:45:00	0	30.423	15.8	1965.4
10/1/2017	10:00:00	0	30.504	15.8	1966.6
10/1/2017	10:15:00	0	30.491	15.8	1966.6
10/1/2017	10:30:00	0	30.46	15.8	1966.6
10/1/2017	10:45:00	0	30.507	15.8	1966.6
10/1/2017	11:00:00	0	30.515	15.8	1965.4
10/1/2017	11:15:00	0	30.495	15.7	1968.8
10/1/2017	11:30:00	0	30.497	15.7	1968.8
10/1/2017	11:45:00	0	30.517	15.8	1966.6
10/1/2017	12:00:00	0	30.477	15.8	1966.6
10/1/2017	12:15:00	0	30.495	15.8	1966.6
10/1/2017	12:30:00	0	30.477	15.7	1969.9
10/1/2017	12:45:00	0	30.481	15.8	1965.4
10/1/2017	13:00:00	0	30.505	15.8	1966.6
10/1/2017	13:15:00	0	30.497	15.8	1966.6
10/1/2017	13:30:00	0	30.524	15.8	1966.6
10/1/2017	13:45:00	0	30.523	15.8	1966.6
10/1/2017	14:00:00	0	30.55	15.8	1965.4
10/1/2017	14:15:00	0	30.537	15.8	1967.8
10/1/2017	14:30:00	0	30.504	15.8	1966.6
10/1/2017	14:45:00	0	30.529	15.8	1966.6
10/1/2017	15:00:00	0	30.503	15.8	1966.6
10/1/2017	15:15:00	0	30.552	15.8	1966.6
10/1/2017	15:30:00	0	30.516	15.8	1965.4
10/1/2017	15:45:00	0	30.54	15.8	1966.6
10/1/2017	16:00:00	0	30.524	15.8	1966.6
10/1/2017	16:15:00	0	30.501	15.8	1966.6
10/1/2017	16:30:00	0	30.534	15.8	1966.6
10/1/2017	16:45:00	0	30.508	15.8	1966.6
10/1/2017	17:00:00	0	30.533	15.8	1965.4
10/1/2017	17:15:00	0	30.496	15.8	1965.4
10/1/2017	17:30:00	0	30.513	15.8	1966.6
10/1/2017	17:45:00	0	30.561	15.8	1965.4
10/1/2017	18:00:00	0	30.536	15.8	1966.6
10/1/2017	18:15:00	0	30.551	15.8	1966.6
10/1/2017	18:30:00	0	30.535	15.8	1966.6
10/1/2017	18:45:00	0	30.516	15.7	1968.8
10/1/2017	19:00:00	0	30.513	15.7	1968.8
10/1/2017	19:15:00	0	30.51	15.8	1965.4
10/1/2017	19:30:00	0	30.492	15.8	1965.4
10/1/2017	19:45:00	0	30.492	15.8	1966.6

10/1/2017	20:00:00	0	30.497	15.7	1969.9
10/1/2017	20:15:00	0	30.499	15.8	1965.4
10/1/2017	20:30:00	0	30.516	15.8	1966.6
10/1/2017	20:45:00	0	30.553	15.8	1965.4
10/1/2017	21:00:00	0	30.494	15.7	1969.9
10/1/2017	21:15:00	0	30.45	15.8	1965.4
10/1/2017	21:30:00	0	30.489	15.8	1965.4
10/1/2017	21:45:00	0	30.522	15.8	1966.6
10/1/2017	22:00:00	0	30.497	15.8	1966.6
10/1/2017	22:15:00	0	30.482	15.8	1965.4
10/1/2017	22:30:00	0	30.507	15.8	1966.6
10/1/2017	22:45:00	0	30.488	15.8	1966.6
10/1/2017	23:00:00	0	30.511	15.8	1966.6
10/1/2017	23:15:00	0	30.512	15.8	1966.6
10/1/2017	23:30:00	0	30.596	15.8	1965.4
10/1/2017	23:45:00	0	30.498	15.8	1965.4
10/2/2017	0:00:00	0	30.512	15.8	1965.4
10/2/2017	0:15:00	0	30.51	15.8	1965.4
10/2/2017	0:30:00	0	30.526	15.8	1966.6
10/2/2017	0:45:00	0	30.49	15.8	1966.6
10/2/2017	1:00:00	0	30.512	15.8	1965.4
10/2/2017	1:15:00	0	30.503	15.8	1966.6
10/2/2017	1:30:00	0	30.562	15.8	1966.6
10/2/2017	1:45:00	0	30.54	15.8	1966.6
10/2/2017	2:00:00	0	30.519	15.8	1966.6
10/2/2017	2:15:00	0	30.538	15.8	1965.4
10/2/2017	2:30:00	0	30.538	15.7	1968.8
10/2/2017	2:45:00	0	30.524	15.8	1965.4
10/2/2017	3:00:00	0	30.504	15.8	1966.6
10/2/2017	3:15:00	0	30.485	15.8	1966.6
10/2/2017	3:30:00	0	30.485	15.8	1966.6
10/2/2017	3:45:00	0	30.508	15.8	1966.6
10/2/2017	4:00:00	0	30.508	15.8	1966.6
10/2/2017	4:15:00	0	30.527	15.8	1966.6
10/2/2017	4:30:00	0	30.525	15.8	1966.6
10/2/2017	4:45:00	0	30.52	15.8	1966.6
10/2/2017	5:00:00	0	30.48	15.8	1965.4
10/2/2017	5:15:00	0	30.522	15.8	1966.6
10/2/2017	5:30:00	0	30.542	15.8	1966.6
10/2/2017	5:45:00	0	30.503	15.8	1965.4
10/2/2017	6:00:00	0	30.522	15.8	1966.6
10/2/2017	6:15:00	0	30.498	15.8	1966.6
10/2/2017	6:30:00	0	30.514	15.8	1966.6
10/2/2017	6:45:00	0	30.47	15.8	1965.4
10/2/2017	7:00:00	0	30.507	15.8	1966.6
10/2/2017	7:15:00	0	30.503	15.8	1966.6
10/2/2017	7:30:00	0	30.48	15.8	1964.3
10/2/2017	7:45:00	0	30.456	15.8	1965.4
10/2/2017	8:00:00	0	30.492	15.7	1968.8
10/2/2017	8:15:00	0	30.423	15.7	1967.6
10/2/2017	8:30:00	0	30.479	15.8	1966.6
10/2/2017	8:45:00	0	30.468	15.8	1966.6
10/2/2017	9:00:00	0	30.48	15.8	1965.4
10/2/2017	9:15:00	0	30.462	15.8	1965.4
10/2/2017	9:30:00	0	30.463	15.8	1966.6
10/2/2017	9:45:00	0	30.483	15.7	1968.8
10/2/2017	10:00:00	0	30.463	15.8	1966.6
10/2/2017	10:15:00	0	30.484	15.8	1967.8
10/2/2017	10:30:00	0	30.485	15.8	1966.6
10/2/2017	10:45:00	0	30.45	15.7	1969.9
10/2/2017	11:00:00	0	30.494	15.8	1966.6
10/2/2017	11:15:00	0	30.498	15.8	1967.8
10/2/2017	11:30:00	0	30.498	15.8	1966.6
10/2/2017	11:45:00	0	30.514	15.8	1965.4
10/2/2017	12:00:00	0	30.478	15.8	1966.6
10/2/2017	12:15:00	0	30.501	15.7	1968.8
10/2/2017	12:30:00	0	30.502	15.8	1965.4
10/2/2017	12:45:00	0	30.485	15.8	1966.6
10/2/2017	13:00:00	0	30.467	15.7	1969.9
10/2/2017	13:15:00	0	30.511	15.7	1969.9
10/2/2017	13:30:00	0	30.514	15.8	1966.6
10/2/2017	13:45:00	0	30.522	15.8	1965.4
10/2/2017	14:00:00	0	30.527	15.8	1965.4
10/2/2017	14:15:00	0	30.573	15.8	1966.6
10/2/2017	14:30:00	0	30.517	15.8	1965.4
10/2/2017	14:45:00	0	30.465	15.8	1965.4
10/2/2017	15:00:00	0	30.505	15.7	1968.8
10/2/2017	15:15:00	0	30.527	15.8	1965.4
10/2/2017	15:30:00	0	30.565	15.7	1968.8
10/2/2017	15:45:00	0	30.51	15.7	1967.6
10/2/2017	16:00:00	0	30.509	15.8	1966.6
10/2/2017	16:15:00	0	30.553	15.8	1965.4
10/2/2017	16:30:00	0	30.556	15.8	1966.6
10/2/2017	16:45:00	0	30.511	15.8	1966.6
10/2/2017	17:00:00	0	30.506	15.8	1966.6
10/2/2017	17:15:00	0	30.526	15.8	1966.6
10/2/2017	17:30:00	0	30.488	15.8	1966.6
10/2/2017	17:45:00	0	30.526	15.8	1966.6
10/2/2017	18:00:00	0	30.49	15.8	1966.6
10/2/2017	18:15:00	0	30.511	15.8	1965.4
10/2/2017	18:30:00	0	30.507	15.8	1966.6
10/2/2017	18:45:00	0	30.486	15.8	1965.4
10/2/2017	19:00:00	0	30.49	15.8	1966.6
10/2/2017	19:15:00	0	30.536	15.7	1967.6
10/2/2017	19:30:00	0	30.538	15.8	1966.6
10/2/2017	19:45:00	0	30.516	15.8	1966.6

10/2/2017	20:00:00	0	30.509	15.8	1964.3
10/2/2017	20:15:00	0	30.51	15.8	1966.6
10/2/2017	20:30:00	0	30.493	15.8	1965.4
10/2/2017	20:45:00	0	30.494	15.8	1965.4
10/2/2017	21:00:00	0	30.469	15.8	1966.6
10/2/2017	21:15:00	0	30.511	15.8	1966.6
10/2/2017	21:30:00	0	30.495	15.8	1965.4
10/2/2017	21:45:00	0	30.511	15.8	1966.6
10/2/2017	22:00:00	0	30.486	15.8	1966.6
10/2/2017	22:15:00	0	30.531	15.8	1966.6
10/2/2017	22:30:00	0	30.518	15.8	1966.6
10/2/2017	22:45:00	0	30.523	15.8	1966.6
10/2/2017	23:00:00	0	30.482	15.8	1965.4
10/2/2017	23:15:00	0	30.564	15.8	1965.4
10/2/2017	23:30:00	0	30.489	15.8	1966.6
10/2/2017	23:45:00	0	30.475	15.8	1966.6
10/3/2017	0:00:00	0	30.515	15.8	1965.4
10/3/2017	0:15:00	0	30.477	15.8	1965.4
10/3/2017	0:30:00	0	30.512	15.8	1966.6
10/3/2017	0:45:00	0	30.517	15.8	1966.6
10/3/2017	1:00:00	0	30.514	15.7	1968.8
10/3/2017	1:15:00	0	30.498	15.8	1965.4
10/3/2017	1:30:00	0	30.539	15.8	1964.3
10/3/2017	1:45:00	0	30.482	15.8	1965.4
10/3/2017	2:00:00	0	30.52	15.8	1964.3
10/3/2017	2:15:00	0	30.523	15.8	1965.4
10/3/2017	2:30:00	0	30.542	15.8	1966.6
10/3/2017	2:45:00	0	30.518	15.8	1966.6
10/3/2017	3:00:00	0	30.54	15.8	1966.6
10/3/2017	3:15:00	0	30.559	15.8	1965.4
10/3/2017	3:30:00	0	30.524	15.8	1966.6
10/3/2017	3:45:00	0	30.506	15.8	1966.6
10/3/2017	4:00:00	0	30.561	15.8	1966.6
10/3/2017	4:15:00	0	30.506	15.8	1966.6
10/3/2017	4:30:00	0	30.525	15.8	1966.6
10/3/2017	4:45:00	0	30.487	15.8	1965.4
10/3/2017	5:00:00	0	30.525	15.7	1968.8
10/3/2017	5:15:00	0	30.462	15.7	1968.8
10/3/2017	5:30:00	0	30.518	15.8	1966.6
10/3/2017	5:45:00	0	30.519	15.8	1965.4
10/3/2017	6:00:00	0	30.478	15.7	1969.9
10/3/2017	6:15:00	0	30.478	15.8	1966.6
10/3/2017	6:30:00	0	30.476	15.8	1966.6
10/3/2017	6:45:00	0	30.534	15.8	1966.6
10/3/2017	7:00:00	0	30.496	15.7	1968.8
10/3/2017	7:15:00	0	30.494	15.8	1966.6
10/3/2017	7:30:00	0	30.491	15.7	1968.8
10/3/2017	7:45:00	0	30.503	15.7	1968.8
10/3/2017	8:00:00	0	30.451	15.8	1966.6
10/3/2017	8:15:00	0	30.507	15.8	1965.4
10/3/2017	8:30:00	0	30.484	15.8	1966.6
10/3/2017	8:45:00	0	30.478	15.8	1966.6
10/3/2017	9:00:00	0	30.487	15.7	1968.8
10/3/2017	9:15:00	0	30.483	15.8	1966.6
10/3/2017	9:30:00	0	30.453	15.8	1966.6
10/3/2017	9:45:00	0	30.448	15.8	1965.4
10/3/2017	10:00:00	0	30.445	15.8	1964.3
10/3/2017	10:15:00	0	30.436	15.8	1966.6
10/3/2017	10:30:00	0	30.473	15.8	1966.6
10/3/2017	10:45:00	0	30.451	15.8	1965.4
10/3/2017	11:00:00	0	30.452	15.8	1966.6
10/3/2017	11:15:00	0	30.452	15.8	1966.6
10/3/2017	11:30:00	0	30.463	15.8	1965.4
10/3/2017	11:45:00	0	30.483	15.8	1966.6
10/3/2017	12:00:00	0	30.5	15.8	1966.6
10/3/2017	12:15:00	0	30.466	15.8	1966.6
10/3/2017	12:30:00	0	30.501	15.8	1966.6
10/3/2017	12:45:00	0	30.481	15.8	1966.6
10/3/2017	13:00:00	0	30.484	15.8	1964.3
10/3/2017	13:15:00	0	30.497	15.8	1965.4
10/3/2017	13:30:00	0	30.457	15.8	1966.6
10/3/2017	13:45:00	0	30.507	15.8	1965.4
10/3/2017	14:00:00	0	30.482	15.7	1969.9
10/3/2017	14:15:00	0	30.478	15.8	1966.6
10/3/2017	14:30:00	0	30.474	15.8	1965.4
10/3/2017	14:45:00	0	30.429	15.8	1964.3
10/3/2017	15:00:00	0	30.444	15.8	1964.3
10/3/2017	15:15:00	0	30.443	15.8	1964.3
10/3/2017	15:30:00	0	30.458	15.8	1965.4
10/3/2017	15:45:00	0	30.453	15.8	1966.6
10/3/2017	16:00:00	0	30.434	15.8	1966.6
10/3/2017	16:15:00	0	30.453	15.8	1966.6
10/3/2017	16:30:00	0	30.491	15.8	1965.4
10/3/2017	16:45:00	0	30.506	15.7	1967.6
10/3/2017	17:00:00	0	30.441	15.7	1968.8
10/3/2017	17:15:00	0	30.498	15.8	1964.3
10/3/2017	17:30:00	0	30.475	15.8	1966.6
10/3/2017	17:45:00	0	30.454	15.8	1965.4
10/3/2017	18:00:00	0	30.502	15.8	1966.6
10/3/2017	18:15:00	0	30.519	15.8	1964.3
10/3/2017	18:30:00	0	30.434	15.8	1965.4
10/3/2017	18:45:00	0	30.448	15.8	1966.6
10/3/2017	19:00:00	0	30.486	15.8	1966.6
10/3/2017	19:15:00	0	30.444	15.8	1966.6
10/3/2017	19:30:00	0	30.46	15.8	1966.6
10/3/2017	19:45:00	0	30.476	15.7	1968.8

10/3/2017	20:00:00	0	30.476	15.8	1965.4
10/3/2017	20:15:00	0	30.448	15.8	1965.4
10/3/2017	20:30:00	0	30.423	15.8	1965.4
10/3/2017	20:45:00	0	30.435	15.8	1966.6
10/3/2017	21:00:00	0	30.434	15.8	1966.6
10/3/2017	21:15:00	0	30.435	15.7	1968.8
10/3/2017	21:30:00	0	30.47	15.7	1969.9
10/3/2017	21:45:00	0	30.429	15.8	1966.6
10/3/2017	22:00:00	0	30.484	15.8	1966.6
10/3/2017	22:15:00	0	30.462	15.8	1965.4
10/3/2017	22:30:00	0	30.494	15.7	1967.6
10/3/2017	22:45:00	0	30.433	15.8	1964.3
10/3/2017	23:00:00	0	30.472	15.8	1965.4
10/3/2017	23:15:00	0	30.448	15.8	1965.4
10/3/2017	23:30:00	0	30.464	15.8	1964.3
10/3/2017	23:45:00	0	30.423	15.8	1965.4
10/4/2017	0:00:00	0	30.445	15.8	1965.4
10/4/2017	0:15:00	0	30.483	15.8	1965.4
10/4/2017	0:30:00	0	30.443	15.8	1966.6
10/4/2017	0:45:00	0	30.461	15.8	1966.6
10/4/2017	1:00:00	0	30.478	15.8	1966.6
10/4/2017	1:15:00	0	30.456	15.8	1964.3
10/4/2017	1:30:00	0	30.435	15.8	1965.4
10/4/2017	1:45:00	0	30.449	15.8	1965.4
10/4/2017	2:00:00	0	30.465	15.8	1966.6
10/4/2017	2:15:00	0	30.462	15.7	1969.9
10/4/2017	2:30:00	0	30.455	15.7	1969.9
10/4/2017	2:45:00	0	30.487	15.7	1968.8
10/4/2017	3:00:00	0	30.445	15.8	1965.4
10/4/2017	3:15:00	0	30.48	15.8	1965.4
10/4/2017	3:30:00	0	30.444	15.8	1966.6
10/4/2017	3:45:00	0	30.467	15.8	1965.4
10/4/2017	4:00:00	0	30.466	15.8	1965.4
10/4/2017	4:15:00	0	30.482	15.8	1965.4
10/4/2017	4:30:00	0	30.48	15.8	1966.6
10/4/2017	4:45:00	0	30.454	15.8	1966.6
10/4/2017	5:00:00	0	30.454	15.8	1966.6
10/4/2017	5:15:00	0	30.491	15.8	1966.6
10/4/2017	5:30:00	0	30.447	15.8	1965.4
10/4/2017	5:45:00	0	30.424	15.8	1965.4
10/4/2017	6:00:00	0	30.42	15.8	1965.4
10/4/2017	6:15:00	0	30.459	15.8	1965.4
10/4/2017	6:30:00	0	30.458	15.7	1969.9
10/4/2017	6:45:00	0	30.433	15.7	1968.8
10/4/2017	7:00:00	0	30.448	15.8	1965.4
10/4/2017	7:15:00	0	30.449	15.8	1966.6
10/4/2017	7:30:00	0	30.46	15.8	1965.4
10/4/2017	7:45:00	0	30.411	15.8	1965.4
10/4/2017	8:00:00	0	30.449	15.7	1968.8
10/4/2017	8:15:00	0	30.445	15.8	1965.4
10/4/2017	8:30:00	0	30.46	15.8	1966.6
10/4/2017	8:45:00	0	30.459	15.8	1966.6
10/4/2017	9:00:00	0	30.455	15.8	1965.4
10/4/2017	9:15:00	0	30.485	15.8	1965.4
10/4/2017	9:30:00	0	30.466	15.8	1966.6
10/4/2017	9:45:00	0	30.45	15.8	1966.6
10/4/2017	10:00:00	0	30.471	15.8	1966.6
10/4/2017	10:15:00	0	30.453	15.8	1965.4
10/4/2017	10:30:00	0	30.471	15.7	1968.8
10/4/2017	10:45:00	0	30.454	15.7	1968.8
10/4/2017	11:00:00	0	30.437	15.8	1966.6
10/4/2017	11:15:00	0	30.481	15.8	1966.6
10/4/2017	11:30:00	0	30.505	15.8	1966.6
10/4/2017	11:45:00	0	30.512	15.8	1965.4
10/4/2017	12:00:00	0	30.497	15.8	1966.6
10/4/2017	12:15:00	0	30.501	15.8	1966.6
10/4/2017	12:30:00	0	30.503	15.8	1966.6
10/4/2017	12:45:00	0	30.504	15.8	1966.6
10/4/2017	13:00:00	0	30.486	15.8	1965.4
10/4/2017	13:15:00	0	30.489	15.7	1969.9
10/4/2017	13:30:00	0	30.489	15.8	1965.4
10/4/2017	13:45:00	0	30.492	15.8	1965.4
10/4/2017	14:00:00	0	30.514	15.8	1966.6
10/4/2017	14:15:00	0	30.478	15.8	1965.4
10/4/2017	14:30:00	0	30.517	15.8	1966.6
10/4/2017	14:45:00	0	30.501	15.8	1965.4
10/4/2017	15:00:00	0	30.466	15.8	1966.6
10/4/2017	15:15:00	0	30.532	15.7	1969.9
10/4/2017	15:30:00	0	30.493	15.8	1965.4
10/4/2017	15:45:00	0	30.538	15.8	1965.4
10/4/2017	16:00:00	0	30.52	15.8	1965.4
10/4/2017	16:15:00	0	30.505	15.8	1965.4
10/4/2017	16:30:00	0	30.509	15.7	1968.8
10/4/2017	16:45:00	0	30.489	15.8	1966.6
10/4/2017	17:00:00	0	30.496	15.8	1965.4
10/4/2017	17:15:00	0	30.554	15.7	1969.9
10/4/2017	17:30:00	0	30.518	15.8	1966.6
10/4/2017	17:45:00	0	30.539	15.8	1966.6
10/4/2017	18:00:00	0	30.517	15.8	1965.4
10/4/2017	18:15:00	0	30.495	15.8	1965.4
10/4/2017	18:30:00	0	30.475	15.8	1965.4
10/4/2017	18:45:00	0	30.498	15.8	1966.6
10/4/2017	19:00:00	0	30.496	15.8	1966.6
10/4/2017	19:15:00	0	30.515	15.8	1965.4
10/4/2017	19:30:00	0	30.514	15.8	1965.4
10/4/2017	19:45:00	0	30.537	15.8	1966.6

10/4/2017	20:00:00	0	30.497	15.8	1965.4
10/4/2017	20:15:00	0	30.516	15.8	1965.4
10/4/2017	20:30:00	0	30.515	15.8	1965.4
10/4/2017	20:45:00	0	30.516	15.8	1965.4
10/4/2017	21:00:00	0	30.498	15.8	1965.4
10/4/2017	21:15:00	0	30.539	15.8	1965.4
10/4/2017	21:30:00	0	30.476	15.8	1965.4
10/4/2017	21:45:00	0	30.49	15.8	1965.4
10/4/2017	22:00:00	0	30.529	15.8	1965.4
10/4/2017	22:15:00	0	30.487	15.8	1966.6
10/4/2017	22:30:00	0	30.491	15.8	1965.4
10/4/2017	22:45:00	0	30.446	15.8	1965.4
10/4/2017	23:00:00	0	30.484	15.8	1965.4
10/4/2017	23:15:00	0	30.507	15.8	1965.4
10/4/2017	23:30:00	0	30.49	15.8	1965.4
10/4/2017	23:45:00	0	30.527	15.7	1968.8

Report Date: 10/9/2017 9:53
Report User Name: WMassoll
Report Computer Name: WKST52
Application: WinSitu.exe
Application Version: 5.6.27.1

Log File Properties

File Name	MPSWP MW-6M(L) LT Test_2017-10-05_11-44-17-743-BaroMerge.w
Create Date	10/9/2017 9:46

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	MPSWP MW-6M(L) LT Test
	Created By	WMassoll
	Computer Name	PROB00K02
	Application	WinStit.exe
	Application Version	5.6.27.1
	Create Date	3/16/2017 11:30:17 AM Pacific Daylight Time
	Log Setup Time Zone	Pacific Daylight Time
	Notes Size(bytes)	4096
	Overwrite when full	Enabled
	Scheduled Start Time	3/16/2017 12:00:00 PM Pacific Daylight Time
	Scheduled Stop Time	No Stop Time
	Type	Linear
	Interval	Days: 0 hrs: 00 mins: 15 secs: 00

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

Other Log Settings			
Depth of Probe:	41.5883 (ft)		
Head Pressure:	18.246 (PSI)		
Temperature:	21.9248 (C)		
Specific Conductivity Model:	Standard Methods		
	Reference Temperature:		0.0
	Temperature Coefficient:		
TDS Factor:	0.68		

Date	Note
3/16/2017 11:30 Load 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
3/16/2017 13:00 Load Download - Used Battery: 3% Used Memory: 3%	User Name: WMassoll Interval - Start Time: 3/16/2017 12:00:00 PM Stop Time: 3/16/2017 1:00:00 PM
3/23/2017 13:14 Load Download - Used Battery: 3% Used Memory: 3%	User Name: AVanHaltsma Interval - Start Time: 3/16/2017 12:00:00 PM Stop Time: 3/23/2017 2:00:00 PM
3/30/2017 11:34 Load Download - Used Battery: 3% Used Memory: 4%	User Name: AVanHaltsma Interval - Start Time: 3/22/2017 10:00:00 PM Stop Time: 3/30/2017 12:45:00 PM
4/13/2017 10:19 Load 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
4/16/2017 10:27 Load 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 Load 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 Load 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 Load 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 9:02 Load 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 Load Download - Used Battery: 4% Used Memory: 6%	User Name: AVanHaltsma Interval - Start Time: 4/12/2017 10:00:00 PM Stop Time: 4/20/2017 12:45:00 PM
4/27/2017 9:50 Load 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 Load Download - Used Battery: 5% Used Memory: 7%	User Name: AVanHaltsma Interval - Start Time: 3/31/2017 10:00:00 PM Stop Time: 5/4/2017 12:00:00 PM
5/11/2017 10:23 Load Download - Used Battery: 5% Used Memory: 9%	User Name: AVanHaltsma Interval - Start Time: 5/3/2017 10:00:00 PM Stop Time: 5/11/2017 12:00:00 PM
5/19/2017 14:33 Load Download - Used Battery: 8% Used Memory: 9%	User Name: WMassoll Interval - Start Time: 4/5/2017 12:00:00 PM Stop Time: 4/19/2017 4:45:00 PM
5/25/2017 10:04 Load Download - Used Battery: 6% Used Memory: 10%	User Name: AVanHaltsma Interval - Start Time: 5/17/2017 10:00:00 PM Stop Time: 5/25/2017 10:15:00 AM
6/1/2017 14:58 Load 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 Load 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 8:00:00 AM
6/15/2017 13:18 Load Download - Used Battery: 7% Used Memory: 12%	User Name: AVanHaltsma Interval - Start Time: 6/7/2017 10:00:00 PM Stop Time: 6/15/2017 2:15:00 PM
6/22/2017 7:15 Load Download - Used Battery: 8% Used Memory: 14%	User Name: AVanHaltsma Interval - Start Time: 6/14/2017 10:00:00 PM Stop Time: 6/22/2017 8:15:00 AM
6/29/2017 7:54 Load 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 Load Download - Used Battery: 9% Used Memory: 15%	User Name: AVanHaltsma Interval - Start Time: 5/31/2017 10:00:00 PM Stop Time: 7/6/2017 11:45:00 AM
7/13/2017 10:13 Load 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 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 9:15:00 AM
7/27/2017 11:00 Load Download - Used Battery: 10% Used Memory: 17%	User Name: AVanHaltsma Interval - Start Time: 7/19/2017 10:00:00 PM Stop Time: 7/27/2017 12:00:00 PM
8/3/2017 11:43 Load Download - Used Battery: 10% Used Memory: 18%	User Name: AVanHaltsma Interval - Start Time: 6/30/2017 10:00:00 PM Stop Time: 8/3/2017 12:30:00 PM
8/10/2017 8:07 Load Download - Used Battery: 10% Used Memory: 18%	User Name: WMassoll Interval - Start Time: 7/13/2017 10:00:00 PM Stop Time: 8/10/2017 8:00:00 AM
8/17/2017 10:57 Load Download - Used Battery: 11% Used Memory: 20%	User Name: AVanHaltsma Interval - Start Time: 8/6/2017 10:00:00 PM Stop Time: 8/17/2017 11:30:00 AM
8/24/2017 13:25 Load Download - Used Battery: 11% Used Memory: 21%	User Name: AVanHaltsma Interval - Start Time: 8/16/2017 10:00:00 PM Stop Time: 8/24/2017 2:15:00 PM
9/1/2017 10:11 Load 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 Load 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 Load Download - Used Battery: 12% Used Memory: 23%	User Name: AVanHaltsma Interval - Start Time: 9/6/2017 10:00:00 PM Stop Time: 9/14/2017 2:45:00 PM
9/19/2017 12:03 Load Download - Used Battery: 12% Used Memory: 23%	User Name: WMassoll Interval - Start Time: 9/13/2017 10:00:00 PM Stop Time: 9/19/2017 12:00:00 PM
9/28/2017 10:01 Load 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 10:05:00 AM
10/5/2017 11:41 Load Download - Used Battery: 13% Used Memory: 26%	User Name: WMassoll Interval - Start Time: 9/27/2017 10:00:00 PM Stop Time: 10/5/2017 11:30:00 AM
10/19/2017 9:46 User Note: "Pressur & Level adjusted by baro data from "MPWSB Bartroll_2017-10-05_19-08-59-078.wsi"	

Log Data:
Record Count 3318

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

Time Zone: Pacific Daylight Time

	Sensor: PCTD(A) 658.7ft SN#r: 483472	Sensor: PCTD(A) 658.7ft SN#r: 483472	Sensor: PCTD(A) 658.7ft SN#r: 483472	Sensor: PCTD(A) 658.7ft SN#r: 483472	Sensor: PCTD(A) 658.7ft SN#r: 483472	Sensor: PCTD(A) 658.7ft SN#r: 483472	Sensor: PCTD(A) 658.7ft SN#r: 483472	Sensor: PCTD(A) 658.7ft SN#r: 483472	Sensor: PCTD(A) 658.7ft SN#r: 483472	Sensor: Baro-Adj Calc SN#r: 000000	
Date and Time	Elapsed Time Seconds	Corrected Pressure (PSI)	Temperature (C)	Depth (ft)	Actual Conductivity (µS/cm)	Specific Conductivity (µS/cm)	Salinity (PSU)	Total Dissolved Solids (ppt)	Resistivity (ohm-cm)	Water Density (g/cm³)	Barometric Pressure (PSI)
9/28/2017 0:00	2340000	114.493	20.421	260.964	4612.178	5054.19	2.748	3.437	216.817	1	
9/28/2017 0:15	2340900	114.478	20.419	260.93	4610.779	5052.842	2.747	3.436	216.883	1	
9/28/2017 0:30	2341800	114.485	20.408	260.946	4610.736	5054.053	2.748	3.437	216.885	1	
9/28/2017 0:45	2342700	114.519	20.419	261.023	4611.076	5053.269	2.747	3.436	216.869	1	
9/28/2017 1:00	2343600	114.5	20.42	260.98	4611.014	5053.016	2.747	3.436	216.872	1	
9/28/2017 1:15	2344500	114.493	20.425	260.964	4611.645	5053.172	2.747	3.436	216.842	1	
9/28/2017 1:30	2345400	114.508	20.412	260.999	4611.443	5054.375	2.748	3.437	216.852	1	
9/28/2017 1:45	2346300	114.513	20.412	261.01	4609.999	5052.82	2.747	3.436	216.92	1	
9/28/2017 2:00	2347200	114.52	20.415	261.025	4611.019	5053.623	2.747	3.436	216.872	1	
9/28/2017 2:15	2348100	114.517	20.415	261.02	4610.187	5052.674	2.747	3.436	216.911	1	
9/28/2017 2:30	2349000	114.521	20.413	261.03	4611.372	5054.185	2.748	3.437	216.855	1	
9/28/2017 2:45	2349900	114.532	20.425	261.054	4612.604	5054.286	2.748	3.437	216.797	1	
9/28/2017 3:00	2350800	114.531	20.416	261.052	4611.066	5053.544	2.747	3.436	216.87	1	
9/28/2017 3:15	2351700	114.555	20.43	261.107	4611.793	5052.854	2.747	3.436	216.835	1	
9/28/2017 3:30	2352600	114.567	20.435	261.132	4612.951	5053.632	2.747	3.436	216.781	1	
9/28/2017 3:45	2353500	114.586	20.406	261.177	4610.568	5054.025	2.748	3.437	216.893	1	
9/28/2017 4:00	2354400	114.583	20.423	261.17	4612.093	5053.895	2.748	3.437	216.821	1	
9/28/2017 4:15	2355300	114.607	20.421	261.224	4611.477	5053.449	2.747	3.436	216.85	1	
9/28/2017 4:30	2356200	114.613	20.422	261.238	4611.959	5053.914	2.748	3.437	216.828	1	
9/28/2017 4:45	2357100	114.639	20.404	261.297	4610.509	5054.164	2.748	3.437	216.896	1	
9/28/2017 5:00	2358000	114.634	20.419	261.285	4611.419	5053.798	2.748	3.437	216.843	1	
9/28/2017 5:15	2358900	114.646	20.42	261.314	4612.664	5054.844	2.748	3.437	216.794	1	
9/28/2017 5:30	2359800	114.663	20.413	261.353	4610.538	5053.271	2.747	3.436	216.894	1	
9/28/2017 5:45	2360700	114.674	20.41	261.379	4609.809	5052.758	2.747	3.436	216.929	1	
9/28/2017 6:00	2361600	114.695	20.413	261.426	4612.231	5055.072	2.748	3.437	216.815	1	
9/28/2017 6:15	2362500	114.696	20.425	261.427	4611.098	5052.591	2.747	3.436	216.868	1	
9/28/2017 6:30	2363400	114.684	20.414	261.4	4610.351	5052.992	2.747	3.436	216.903	1	
9/28/2017 6:45	2364300	114.666									

9/29/2017 0:45	2429100	114.632	20417	261.282	4613.448	5056.062	2.749	3.438	216.758	1	14.708
9/29/2017 1:00	2430000	114.636	20419	261.291	4612.729	5055.053	2.748	3.437	216.791	1	14.717
9/29/2017 1:15	2430900	114.627	20422	261.271	4614.528	5056.646	2.749	3.439	216.707	1	14.711
9/29/2017 1:30	2431800	114.633	20407	261.284	4612.193	5055.714	2.749	3.438	216.817	1	14.714
9/29/2017 1:45	2432700	114.626	20411	261.268	4612.756	5055.906	2.749	3.438	216.79	1	14.712
9/29/2017 2:00	2433600	114.628	20411	261.273	4613.89	5057.166	2.749	3.439	216.737	1	14.714
9/29/2017 2:15	2434500	114.617	20422	261.249	4615.469	5057.733	2.75	3.439	216.663	1	14.711
9/29/2017 2:30	2435400	114.629	20424	261.274	4614.184	5056.092	2.749	3.438	216.723	1	14.709
9/29/2017 2:45	2436300	114.634	20428	261.286	4614.542	5056.114	2.749	3.438	216.706	1	14.713
9/29/2017 3:00	2437200	114.628	20422	261.273	4614.222	5056.346	2.749	3.438	216.721	1	14.709
9/29/2017 3:15	2438100	114.64	20414	261.3	4612.964	5055.763	2.749	3.438	216.78	1	14.712
9/29/2017 3:30	2439000	114.646	20418	261.313	4614.529	5057.128	2.749	3.439	216.707	1	14.716
9/29/2017 3:45	2439950	114.657	20426	261.338	4614.467	5056.562	2.749	3.438	216.699	1	14.713
9/29/2017 4:00	2440800	114.68	20426	261.39	4614.027	5055.745	2.749	3.438	216.73	1	14.712
9/29/2017 4:15	2441700	114.669	20415	261.367	4613.386	5056.17	2.749	3.438	216.761	1	14.716
9/29/2017 4:30	2442600	114.68	20407	261.392	4611.884	5055.402	2.748	3.438	216.831	1	14.717
9/29/2017 4:45	2443500	114.693	20417	261.421	4613.683	5056.265	2.749	3.438	216.747	1	14.712
9/29/2017 5:00	2444400	114.701	20411	261.439	4612.685	5055.828	2.749	3.438	216.793	1	14.711
9/29/2017 5:15	2445300	114.709	20422	261.458	4614.394	5056.489	2.749	3.438	216.713	1	14.715
9/29/2017 5:30	2446200	114.714	20404	261.468	4613.578	5057.556	2.75	3.439	216.752	1	14.713
9/29/2017 5:45	2447100	114.737	20411	261.521	4613.5	5056.674	2.749	3.439	216.755	1	14.709
9/29/2017 6:00	2448000	114.752	20414	261.555	4613.105	5056.021	2.749	3.438	216.774	1	14.715
9/29/2017 6:15	2448900	114.747	20414	261.544	4612.558	5055.347	2.748	3.438	216.799	1	14.718
9/29/2017 6:30	2449800	114.734	20404	261.514	4613.617	5057.579	2.75	3.439	216.75	1	14.718
9/29/2017 6:45	2450700	114.715	20426	261.471	4611.632	5056.459	2.749	3.438	216.843	1	14.714
9/29/2017 7:00	2451600	114.687	20392	261.407	4611.334	5056.372	2.749	3.438	216.857	1	14.717
9/29/2017 7:15	2452500	114.684	20398	261.4	4611.912	5056.396	2.749	3.438	216.83	1	14.715
9/29/2017 7:30	2453400	114.683	20415	261.398	4613.069	5055.785	2.749	3.438	216.775	1	14.709
9/29/2017 7:45	2454300	114.647	20423	261.316	4615.177	5057.245	2.75	3.439	216.676	1	14.727
9/29/2017 8:00	2455200	114.639	20417	261.297	4612.731	5055.204	2.748	3.438	216.791	1	14.727
9/29/2017 8:15	2456100	114.623	20417	261.26	4613.41	5056.012	2.749	3.438	216.759	1	14.731
9/29/2017 8:30	2457000	114.619	20407	261.252	4612.854	5056.402	2.749	3.438	216.786	1	14.73
9/29/2017 8:45	2457900	114.587	20419	261.178	4614.818	5057.278	2.75	3.439	216.693	1	14.735
9/29/2017 9:00	2458800	114.58	20432	261.163	4615.134	5056.302	2.749	3.438	216.678	1	14.729
9/29/2017 9:15	2459700	114.568	20422	261.137	4614.762	5056.947	2.749	3.439	216.696	1	14.73
9/29/2017 9:30	2460600	114.577	20407	261.157	4613.288	5056.688	2.749	3.439	216.765	1	14.731
9/29/2017 9:45	2461500	114.619	20426	261.252	4614.619	5055.855	2.749	3.438	216.703	1	14.729
9/29/2017 10:00	2462400	114.586	20428	261.176	4615.928	5057.596	2.75	3.439	216.641	1	14.724
9/29/2017 10:15	2463300	114.606	20422	261.223	4614.373	5056.485	2.749	3.438	216.714	1	14.725
9/29/2017 10:30	2464200	114.646	20421	261.314	4614.725	5056.963	2.749	3.439	216.698	1	14.72
9/29/2017 10:45	2465100	114.621	20426	261.257	4616.279	5058.156	2.75	3.44	216.625	1	14.732
9/29/2017 11:00	2466000	114.628	20427	261.273	4615.693	5057.396	2.75	3.439	216.652	1	14.737
9/29/2017 11:15	2466900	114.654	20426	261.323	4615.951	5057.243	2.75	3.439	216.64	1	14.734
9/29/2017 11:30	2467800	114.654	2043	261.332	4615.123	5056.539	2.749	3.438	216.679	1	14.733
9/29/2017 11:45	2468700	114.664	20417	261.355	4615.164	5057.87	2.75	3.439	216.677	1	14.733
9/29/2017 12:00	2469600	114.681	20415	261.393	4614.278	5057.111	2.749	3.439	216.719	1	14.734
9/29/2017 12:15	2470500	114.703	20419	261.444	4613.933	5056.345	2.749	3.438	216.735	1	14.737
9/29/2017 12:30	2471400	114.742	20424	261.532	4614.718	5056.733	2.749	3.439	216.698	1	14.723
9/29/2017 12:45	2472300	114.767	20426	261.59	4614.633	5056.362	2.749	3.438	216.725	1	14.725
9/29/2017 13:00	2473200	114.781	20417	261.62	4613.305	5055.833	2.749	3.438	216.764	1	14.723
9/29/2017 13:15	2474100	114.815	20409	261.699	4613.972	5057.47	2.75	3.439	216.733	1	14.721
9/29/2017 13:30	2475000	114.817	20416	261.702	4613.187	5055.878	2.749	3.438	216.77	1	14.729
9/29/2017 13:45	2475900	114.831	20411	261.734	4613.93	5057.192	2.749	3.439	216.735	1	14.724
9/29/2017 14:00	2476800	114.831	20413	261.736	4613.926	5056.93	2.749	3.439	216.735	1	14.733
9/29/2017 14:15	2477700	114.844	20413	261.764	4614.099	5057.211	2.749	3.439	216.727	1	14.732
9/29/2017 14:30	2478600	114.858	20412	261.796	4613.647	5056.781	2.749	3.439	216.748	1	14.729
9/29/2017 14:45	2479500	114.866	20425	261.815	4616.271	5058.241	2.75	3.44	216.625	1	14.726
9/29/2017 15:00	2480400	114.856	20421	261.793	4613.942	5056.151	2.749	3.438	216.734	1	14.724
9/29/2017 15:15	2481300	114.864	20405	261.811	4613.111	5056.933	2.749	3.439	216.773	1	14.72
9/29/2017 15:30	2482200	114.859	20419	261.798	4615.731	5058.353	2.75	3.44	216.65	1	14.721
9/29/2017 15:45	2483100	114.857	20414	261.794	4613.671	5056.613	2.749	3.438	216.747	1	14.718
9/29/2017 16:00	2484000	114.855	20409	261.791	4614.072	5057.551	2.75	3.439	216.712	1	14.716
9/29/2017 16:15	2484900	114.846	20419	261.769	4614.008	5056.39	2.749	3.438	216.731	1	14.713
9/29/2017 16:30	2485800	114.846	20416	261.768	4614.946	5057.826	2.75	3.439	216.687	1	14.711
9/29/2017 16:45	2486700	114.83	20424	261.733	4614.872	5056.837	2.749	3.439	216.691	1	14.715
9/29/2017 17:00	2487600	114.835	2043	261.743	4615.634	5057.081	2.749	3.439	216.655	1	14.717
9/29/2017 17:15	2488500	114.836	20408	261.746	4613.81	5057.403	2.75	3.439	216.741	1	14.707
9/29/2017 17:30	2489400	114.835	20412	261.743	4615.2991	5056.643	2.749	3.438	216.779	1	14.711
9/29/2017 17:45	2490300	114.842	20425	261.761	4616.209	5058.246	2.75	3.44	216.628	1	14.709
9/29/2017 18:00	2491200	114.851	20417	261.781	4614.758	5057.48	2.75	3.439	216.696	1	14.707
9/29/2017 18:15	2492100	114.843	20408	261.762	4613.873	5057.482	2.75	3.439	216.738	1	14.712
9/29/2017 18:30	2493000	114.862	20423	261.806	4616.066	5058.23	2.75	3.44	216.635	1	14.702
9/29/2017 18:45	2493900	114.875	20408	261.835	4613.903	5057.534	2.75	3.439	216.736	1	14.713
9/29/2017 19:00	2494800	114.89	20405	261.87	4614.511	5058.505	2.75	3.44	216.708	1	14.716
9/29/2017 19:15	2495700	114.908	20405	261.912	4614.142	5058.035	2.75	3.439	216.725	1	14.709
9/29/2017 19:30	2496600	114.912	20417	261.921	4615.063	5057.751	2.75	3.439	216.682	1	14.71
9/29/2017 19:45	2497500	114.914	20404	261.924	4613.629	5057.63	2.75	3.439	216.749	1	14.711
9/29/2017 20:00	2498400	114.927	20405	261.954	4613.359	5057.233	2.749	3.439	216.762	1	14.709
9/29/2017 20:15	2499300	114.927	20412	261.953	4615.272	5058.589	2.75	3.44	216.672	1	14.715
9/29/2017 20:30	2500200	114.94	20426	261.983	4613.483	5057.249	2.749	3.439	216.756	1	14.712
9/29/2017 20:45	2501100	114.946	2041	261.998	4614.033	5057.388	2.749	3.439	216.73	1	14.713
9/29/2017 21:00	2502000	114.965	20402	262.042	4613.881	5058.101	2.75	3.44	216.737	1	14.713
9/29/2017 21:15	2502900	114.976	20408	262.065	4614.012	5057.652	2.75	3.439	216.731	1	14.72
9/29/2017 21:30	2503800	114.962	20405	262.035	4614.581	5058.582	2.75	3.44	216.704	1	14.727
9/29/2017 21:45	2504700	114.978	20411	262.071	4615.075	5058.485	2.75	3.44	216.681	1	14.722
9/29/2017 22:00	2505600	114.991	20412	262.101	4616.392	5058.862	2.75	3.44	216.619	1	14.72
9/29/2017 2											

10/1/2017 5:30	2619000	115.094	20395	262.334	4617.38	5062.668	2.753	3.443	216.573	1	14.699
10/1/2017 5:45	2619900	115.132	20412	262.422	4620.796	5064.645	2.754	3.444	216.413	1	14.687
10/1/2017 6:00	2620800	115.144	20416	262.449	4621.582	5065.033	2.754	3.444	216.376	1	14.695
10/1/2017 6:15	2621700	115.17	20413	262.509	4620.191	5063.888	2.753	3.443	216.441	1	14.693
10/1/2017 6:30	2622600	115.197	20402	262.57	4619.952	5064.756	2.754	3.444	216.452	1	14.69
10/1/2017 6:45	2623500	115.214	20414	262.608	4618.895	5063.414	2.753	3.443	216.455	1	14.696
10/1/2017 7:00	2624400	115.229	20400	262.62	4620.165	5064.428	2.754	3.444	216.442	1	14.705
10/1/2017 7:15	2625300	115.251	20408	262.693	4621.119	5065.367	2.754	3.444	216.398	1	14.704
10/1/2017 7:30	2626200	115.293	20411	262.787	4619.741	5063.579	2.753	3.443	216.462	1	14.7
10/1/2017 7:45	2627100	115.279	20408	262.757	4620.133	5064.296	2.754	3.444	216.444	1	14.703
10/1/2017 8:00	2628000	115.289	20409	262.779	4619.953	5064.026	2.753	3.444	216.452	1	14.703
10/1/2017 8:15	2628900	115.291	20426	262.784	4622.238	5064.686	2.754	3.444	216.345	1	14.706
10/1/2017 8:30	2629800	115.297	20415	262.789	4621.415	5065.008	2.754	3.444	216.384	1	14.713
10/1/2017 8:45	2630700	115.323	20412	262.856	4620.75	5064.511	2.754	3.444	216.415	1	14.711
10/1/2017 9:00	2631600	115.331	20412	262.875	4620.857	5064.646	2.754	3.444	216.41	1	14.703
10/1/2017 9:15	2632500	115.331	20401	262.876	4619.683	5064.582	2.754	3.444	216.465	1	14.705
10/1/2017 9:30	2633400	115.344	20424	262.905	4622.313	5064.955	2.754	3.444	216.342	1	14.705
10/1/2017 9:45	2634300	115.351	20412	262.921	4621.027	5064.907	2.754	3.444	216.402	1	14.707
10/1/2017 10:00	2635200	115.344	20405	262.905	4619.714	5063.95	2.753	3.443	216.464	1	14.757
10/1/2017 10:15	2636100	115.348	20414	262.915	4621.346	5065.015	2.754	3.444	216.387	1	14.7
10/1/2017 10:30	2637000	115.347	20418	262.911	4622.037	5065.309	2.754	3.444	216.355	1	14.703
10/1/2017 10:45	2637900	115.375	20423	262.975	4622.057	5064.877	2.754	3.444	216.354	1	14.702
10/1/2017 11:00	2638800	115.383	20409	262.993	4620.707	5064.87	2.754	3.444	216.417	1	14.695
10/1/2017 11:15	2639700	115.393	20406	263.015	4620.466	5064.847	2.754	3.444	216.428	1	14.691
10/1/2017 11:30	2640600	115.411	20416	263.057	4624.439	5064.439	2.754	3.444	216.402	1	14.695
10/1/2017 11:45	2641500	115.422	20415	263.082	4621.781	5065.316	2.754	3.444	216.367	1	14.693
10/1/2017 12:00	2642400	115.431	20405	263.103	4620.038	5064.479	2.754	3.444	216.448	1	14.695
10/1/2017 12:15	2643300	115.441	20403	263.126	4620.354	5065.132	2.754	3.444	216.434	1	14.695
10/1/2017 12:30	2644200	115.451	20415	263.148	4621.892	5065.54	2.754	3.445	216.362	1	14.694
10/1/2017 12:45	2645100	115.456	20421	263.16	4623.136	5066.181	2.755	3.445	216.303	1	14.692
10/1/2017 13:00	2646000	115.477	20402	263.208	4620.922	5065.781	2.754	3.445	216.407	1	14.69
10/1/2017 13:15	2646900	115.477	20414	263.208	4621.683	5065.329	2.754	3.444	216.371	1	14.69
10/1/2017 13:30	2647800	115.496	20406	263.252	4620.696	5065.146	2.754	3.444	216.418	1	14.681
10/1/2017 13:45	2648700	115.501	20398	263.263	4620.767	5066.029	2.755	3.445	216.414	1	14.681
10/1/2017 14:00	2649600	115.515	20412	263.293	4622.185	5066.167	2.755	3.445	216.348	1	14.679
10/1/2017 14:15	2650500	115.528	20408	263.323	4620.697	5064.935	2.754	3.444	216.418	1	14.673
10/1/2017 14:30	2651400	115.536	20415	263.343	4622.422	5065.793	2.754	3.445	216.337	1	14.673
10/1/2017 14:45	2652300	115.545	20419	263.362	4623.509	5066.822	2.755	3.445	216.286	1	14.67
10/1/2017 15:00	2653200	115.556	20415	263.387	4623.13	5066.803	2.755	3.445	216.304	1	14.666
10/1/2017 15:15	2654100	115.578	20399	263.437	4620.552	5065.701	2.754	3.445	216.424	1	14.655
10/1/2017 15:30	2655000	115.569	20399	263.418	4619.775	5064.924	2.754	3.444	216.461	1	14.659
10/1/2017 15:45	2655900	115.581	20404	263.445	4621.417	5066.094	2.755	3.445	216.384	1	14.658
10/1/2017 16:00	2656800	115.595	20407	263.478	4621.494	5065.778	2.754	3.445	216.38	1	14.65
10/1/2017 16:15	2657700	115.609	20401	263.508	4620.586	5065.6	2.754	3.445	216.423	1	14.652
10/1/2017 16:30	2658600	115.615	20403	263.522	4621.011	5065.778	2.754	3.445	216.403	1	14.651
10/1/2017 16:45	2659500	115.602	20431	263.492	4622.96	5064.959	2.754	3.444	216.312	1	14.656
10/1/2017 17:00	2660400	115.636	20392	263.571	4620.874	5066.795	2.755	3.445	216.409	1	14.649
10/1/2017 17:15	2661300	115.63	20396	263.556	4621.486	5067.021	2.755	3.446	216.381	1	14.646
10/1/2017 17:30	2662200	115.634	20394	263.566	4620.726	5066.948	2.755	3.445	216.416	1	14.648
10/1/2017 17:45	2663100	115.644	20411	263.587	4622.829	5066.964	2.755	3.446	216.318	1	14.642
10/1/2017 18:00	2664000	115.644	20419	263.589	4623.792	5067.103	2.755	3.446	216.273	1	14.644
10/1/2017 18:15	2664900	115.655	20424	263.613	4624.805	5067.777	2.756	3.446	216.225	1	14.647
10/1/2017 18:30	2665800	115.674	20411	263.656	4623.021	5067.174	2.755	3.446	216.309	1	14.645
10/1/2017 18:45	2666700	115.679	204	263.669	4621.102	5066.174	2.755	3.445	216.399	1	14.644
10/1/2017 19:00	2667600	115.686	20395	263.684	4620.828	5066.495	2.755	3.445	216.411	1	14.654
10/1/2017 19:15	2668500	115.676	20425	263.662	4623.25	5065.973	2.755	3.445	216.298	1	14.653
10/1/2017 19:30	2669400	115.685	20412	263.681	4622.926	5066.913	2.755	3.446	216.313	1	14.655
10/1/2017 19:45	2670300	115.693	20416	263.7	4622.788	5066.419	2.755	3.445	216.32	1	14.647
10/1/2017 20:00	2671200	115.712	20414	263.744	4622.157	5065.876	2.754	3.445	216.349	1	14.646
10/1/2017 20:15	2672100	115.714	20428	263.747	4624.07	5066.545	2.755	3.445	216.26	1	14.652
10/1/2017 20:30	2673000	115.735	20401	263.796	4621.303	5066.376	2.755	3.445	216.389	1	14.65
10/1/2017 20:45	2673900	115.744	20411	263.792	4622.209	5066.23	2.755	3.445	216.347	1	14.648
10/1/2017 21:00	2674800	115.73	20398	263.785	4621.316	5066.65	2.755	3.445	216.389	1	14.651
10/1/2017 21:15	2675700	115.718	20413	263.757	4622.477	5066.311	2.755	3.445	216.334	1	14.646
10/1/2017 21:30	2676600	115.691	20393	263.695	4620.94	5066.767	2.755	3.445	216.406	1	14.647
10/1/2017 21:45	2677500	115.663	20401	263.632	4622.448	5067.539	2.755	3.446	216.336	1	14.65
10/1/2017 22:00	2678400	115.643	20405	263.587	4623.546	5068.373	2.756	3.446	216.284	1	14.645
10/1/2017 22:15	2679300	115.62	20403	263.535	4623.803	5066.72	2.755	3.445	216.366	1	14.646
10/1/2017 22:30	2680200	115.607	20409	263.503	4622.864	5067.18	2.755	3.446	216.316	1	14.649
10/1/2017 22:45	2681100	115.597	2042	263.481	4623.956	5067.254	2.755	3.446	216.265	1	14.642
10/1/2017 23:00	2682000	115.573	20413	263.425	4623.607	5067.55	2.755	3.446	216.281	1	14.647
10/1/2017 23:15	2682900	115.569	204	263.418	4621.451	5066.584	2.755	3.445	216.382	1	14.639
10/1/2017 23:30	2683800	115.558	20394	263.391	4622.404	5068.271	2.756	3.446	216.338	1	14.643
10/1/2017 23:45	2684700	115.554	20384	263.384	4621.479	5067.794	2.755	3.446	216.381	1	14.637
10/2/2017 0:00	2685600	115.56	20417	263.396	4623.931	5067.478	2.755	3.446	216.266	1	14.637
10/2/2017 0:15	2686500	115.536	20419	263.342	4623.462	5066.75	2.755	3.445	216.288	1	14.641
10/2/2017 0:30	2687400	115.528	20418	263.324	4624.643	5068.239	2.756	3.446	216.233	1	14.642
10/2/2017 0:45	2688300	115.511	20422	263.285	4623.648	5066.713	2.755	3.445	216.279	1	14.649
10/2/2017 1:00	2689200	115.517	2042	263.298	4625.563	5068.997	2.756	3.447	216.19	1	14.634
10/2/2017 1:15	2690100	115.508	20417	263.278	4624.148	5068.099	2.756	3.446	216.255	1	14.639
10/2/2017 1:30	2691000	115.495	20418	263.248	4624.59	5068.144	2.756	3.446	216.235	1	14.637
10/2/2017 1:45	2691900	115.487	20429	263.23	4625.137	5067.558	2.755	3.446	216.21	1	14.641
10/2/2017 2:00	2692800	115.489	20419	263.236	4624.285	5067.726	2.756	3.446	216.25	1	14.638
10/2/2017 2:15	2693700	115.492	20424	263.241	4624.375	5067.287	2.755	3.446	216.245	1	14.641
10/2/2017 2:30	2694600	115.479	20431	263.212	4624.688	5066.907	2.755	3.445	216.231	1	14.643
10/2/2017 2:45	2695500	115.486	20419	263.229	4624.377	5067.723	2.756	3.446	2		

10/3/2017 10:15	2808900	115.6	20407	263.487	4624.364	5069.027	2.756	3.447	216.246	1	14.654
10/3/2017 10:30	2809800	115.591	20408	263.469	4625.114	5069.738	2.757	3.447	216.211	1	14.659
10/3/2017 10:45	2810700	115.574	20399	263.429	4624.674	5070.286	2.757	3.448	216.231	1	14.664
10/3/2017 11:00	2811600	115.591	20417	263.468	4627.497	5071.441	2.758	3.449	216.1	1	14.661
10/3/2017 11:15	2812500	115.605	20405	263.5	4625.141	5070.073	2.757	3.448	216.21	1	14.654
10/3/2017 11:30	2813400	115.608	20407	263.506	4626.13	5070.941	2.757	3.448	216.163	1	14.658
10/3/2017 11:45	2814300	115.592	20412	263.47	4626.575	5070.941	2.757	3.448	216.143	1	14.663
10/3/2017 12:00	2815200	115.609	20404	263.508	4625.179	5070.273	2.757	3.448	216.208	1	14.656
10/3/2017 12:15	2816100	115.601	20416	263.491	4626.397	5070.347	2.757	3.448	216.151	1	14.659
10/3/2017 12:30	2817000	115.597	20403	263.482	4625.764	5070.979	2.757	3.448	216.181	1	14.663
10/3/2017 12:45	2817900	115.591	20383	263.468	4624.056	5071.213	2.758	3.448	216.26	1	14.662
10/3/2017 13:00	2818800	115.586	20406	263.456	4626.6	5071.617	2.758	3.449	216.141	1	14.667
10/3/2017 13:15	2819700	115.586	2039	263.455	4625.897	5072.344	2.758	3.449	216.184	1	14.664
10/3/2017 13:30	2820600	115.572	20386	263.424	4625.396	5072.376	2.758	3.449	216.198	1	14.67
10/3/2017 13:45	2821500	115.565	20392	263.409	4624.447	5070.75	2.757	3.448	216.242	1	14.672
10/3/2017 14:00	2822400	115.555	20408	263.385	4626.762	5071.544	2.758	3.449	216.134	1	14.674
10/3/2017 14:15	2823300	115.561	20412	263.4	4626.447	5070.838	2.757	3.448	216.149	1	14.67
10/3/2017 14:30	2824200	115.551	20406	263.375	4625.31	5070.166	2.757	3.448	216.202	1	14.678
10/3/2017 14:45	2825100	115.56	20406	263.399	4626.5	5071.553	2.758	3.449	216.146	1	14.673
10/3/2017 15:00	2826000	115.557	20408	263.389	4626.012	5070.798	2.757	3.448	216.169	1	14.678
10/3/2017 15:15	2826900	115.553	20399	263.38	4626.887	5072.712	2.758	3.449	216.128	1	14.678
10/3/2017 15:30	2827800	115.547	20414	263.367	4627.127	5071.295	2.758	3.448	216.117	1	14.69
10/3/2017 15:45	2828700	115.572	20401	263.424	4625.782	5071.297	2.758	3.448	216.18	1	14.675
10/3/2017 16:00	2829600	115.578	20399	263.438	4625.603	5071.258	2.758	3.448	216.188	1	14.685
10/3/2017 16:15	2830500	115.58	20411	263.441	4626.932	5071.563	2.758	3.449	216.126	1	14.679
10/3/2017 16:30	2831400	115.558	20404	263.393	4625.882	5071.044	2.757	3.448	216.175	1	14.683
10/3/2017 16:45	2832300	115.562	20415	263.402	4627.179	5071.25	2.758	3.448	216.114	1	14.685
10/3/2017 17:00	2833200	115.561	20416	263.399	4628.518	5072.616	2.758	3.449	216.052	1	14.692
10/3/2017 17:15	2834100	115.571	20412	263.422	4626.933	5071.287	2.758	3.448	216.126	1	14.69
10/3/2017 17:30	2835000	115.573	20412	263.426	4628.639	5073.193	2.759	3.45	216.046	1	14.685
10/3/2017 17:45	2835900	115.581	20413	263.444	4626.785	5071.151	2.757	3.448	216.133	1	14.686
10/3/2017 18:00	2836800	115.58	204	263.442	4625.697	5072.249	2.758	3.448	216.184	1	14.696
10/3/2017 18:15	2837700	115.574	20403	263.429	4626.156	5071.456	2.758	3.449	216.162	1	14.699
10/3/2017 18:30	2838600	115.589	20412	263.464	4627.129	5071.511	2.758	3.449	216.117	1	14.698
10/3/2017 18:45	2839500	115.588	20417	263.46	4628.167	5072.129	2.758	3.449	216.068	1	14.701
10/3/2017 19:00	2840400	115.578	20418	263.439	4627.313	5071.101	2.758	3.448	216.108	1	14.699
10/3/2017 19:15	2841300	115.594	20413	263.375	4628.601	5072.373	2.758	3.449	216.048	1	14.703
10/3/2017 19:30	2842200	115.583	20415	263.449	4627.8	5071.931	2.758	3.449	216.085	1	14.706
10/3/2017 19:45	2843100	115.585	20413	263.454	4628.02	5072.386	2.758	3.449	216.075	1	14.706
10/3/2017 20:00	2844000	115.597	20405	263.48	4627.119	5072.27	2.758	3.449	216.117	1	14.714
10/3/2017 20:15	2844900	115.608	20412	263.507	4628.345	5072.834	2.759	3.45	216.06	1	14.707
10/3/2017 20:30	2845800	115.607	20397	263.505	4626.148	5072.068	2.758	3.449	216.163	1	14.717
10/3/2017 20:45	2846700	115.605	20392	263.498	4625.269	5071.165	2.758	3.449	216.204	1	14.714
10/3/2017 21:00	2847600	115.615	20397	263.522	4626.513	5072.523	2.758	3.449	216.146	1	14.718
10/3/2017 21:15	2848500	115.606	20399	263.501	4627.277	5073.046	2.759	3.45	216.11	1	14.719
10/3/2017 21:30	2849400	115.611	20404	263.512	4627.038	5072.273	2.758	3.449	216.121	1	14.719
10/3/2017 21:45	2850300	115.608	20413	263.507	4628.084	5072.483	2.758	3.449	216.072	1	14.721
10/3/2017 22:00	2851200	115.611	20406	263.512	4627.438	5072.545	2.758	3.449	216.102	1	14.722
10/3/2017 22:15	2852100	115.617	20397	263.526	4626.387	5072.207	2.758	3.449	216.155	1	14.724
10/3/2017 22:30	2853000	115.613	20411	263.517	4628.146	5072.821	2.759	3.45	216.069	1	14.731
10/3/2017 22:45	2853900	115.61	20411	263.511	4627.519	5072.086	2.758	3.449	216.099	1	14.722
10/3/2017 23:00	2854800	115.609	20408	263.508	4627.985	5072.96	2.759	3.45	216.077	1	14.727
10/3/2017 23:15	2855700	115.612	20396	263.515	4626.323	5072.353	2.758	3.449	216.154	1	14.728
10/3/2017 23:30	2856600	115.596	20423	263.479	4629.921	5073.494	2.759	3.45	215.986	1	14.732
10/3/2017 23:45	2857500	115.609	2041	263.508	4627.779	5072.446	2.758	3.449	216.086	1	14.734
10/4/2017 0:00	2858400	115.603	20399	263.496	4627.835	5073.706	2.759	3.45	216.084	1	14.732
10/4/2017 0:15	2859300	115.592	20416	263.47	4628.543	5072.708	2.758	3.449	216.051	1	14.735
10/4/2017 0:30	2860200	115.597	20415	263.482	4628.525	5072.744	2.758	3.449	216.052	1	14.73
10/4/2017 0:45	2861100	115.588	20403	263.46	4627.366	5072.819	2.758	3.45	216.106	1	14.739
10/4/2017 1:00	2862000	115.606	20393	263.502	4626.488	5072.905	2.759	3.45	216.147	1	14.731
10/4/2017 1:15	2862900	115.601	2042	263.49	4629.544	5073.379	2.759	3.45	216.004	1	14.736
10/4/2017 1:30	2863800	115.618	20415	263.529	4629.29	5073.529	2.759	3.45	216.016	1	14.737
10/4/2017 1:45	2864700	115.594	20411	263.474	4629.004	5073.705	2.759	3.45	216.029	1	14.744
10/4/2017 2:00	2865600	115.601	20413	263.491	4629.09	5073.55	2.759	3.45	216.025	1	14.738
10/4/2017 2:15	2866500	115.607	20429	263.504	4630.519	5073.417	2.759	3.45	215.959	1	14.74
10/4/2017 2:30	2867400	115.612	20414	263.515	4628.383	5072.682	2.758	3.449	216.058	1	14.739
10/4/2017 2:45	2868300	115.63	20419	263.557	4628.748	5072.618	2.758	3.449	216.041	1	14.742
10/4/2017 3:00	2869200	115.627	20406	263.549	4627.631	5072.749	2.758	3.449	216.093	1	14.743
10/4/2017 3:15	2870100	115.63	20411	263.557	4628.32	5073.012	2.759	3.45	216.061	1	14.751
10/4/2017 3:30	2871000	115.626	20416	263.548	4629.817	5074.104	2.759	3.45	215.991	1	14.75
10/4/2017 3:45	2871900	115.627	20411	263.549	4628.249	5072.915	2.759	3.45	216.064	1	14.744
10/4/2017 4:00	2872800	115.63	20405	263.557	4627.983	5073.216	2.759	3.45	216.077	1	14.744
10/4/2017 4:15	2873700	115.637	20399	263.573	4628.667	5074.672	2.76	3.451	216.045	1	14.751
10/4/2017 4:30	2874600	115.654	20416	263.612	4630.463	5074.794	2.76	3.451	215.961	1	14.745
10/4/2017 4:45	2875500	115.647	20411	263.595	4629.286	5074.023	2.759	3.45	216.016	1	14.755
10/4/2017 5:00	2876400	115.644	20429	263.588	4632.185	5075.297	2.76	3.451	215.881	1	14.753
10/4/2017 5:15	2877300	115.635	20421	263.568	4630.294	5074.025	2.759	3.45	215.969	1	14.757
10/4/2017 5:30	2878200	115.647	2043	263.596	4631.295	5074.23	2.759	3.45	215.922	1	14.754
10/4/2017 5:45	2879100	115.679	20435	263.668	4630.947	5073.348	2.759	3.45	215.939	1	14.756
10/4/2017 6:00	2880000	115.622	20424	263.629	4630.045	5074.15	2.759	3.45	215.981	1	14.759
10/4/2017 6:15	2880900	115.666	2042	263.638	4629.601	5073.376	2.759	3.45	216.001	1	14.763
10/4/2017 6:30	2881800	115.647	2042	263.594	4630.447	5074.368	2.759	3.451	215.962	1	14.763
10/4/2017 6:45	2882700	115.658	20408	263.621	4628.669	5073.69	2.759	3.45	216.045	1	14.764
10/4/2017 7:00	2883600	115.647	20402	263.596	4628.794	5074.478	2.759	3.451	216.039	1	14.762
10/4/2017 7:15	2884500	115.646	20424	263.592	4631.055	5074.57	2.76	3.451	215.934	1	14.773
10/4/2017 7:30	2885400	115.661	20438	263.628	4632.99	5073.959	2.759	3.45	216.033	1	14.775
10/4/2017											

Report Date: 10/9/2017 9:51
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_2017-10-05_11-40-34-552-BaroMerge.wsl
Create Date 10/9/2017 9:46

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

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

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

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

Log Notes:
Date and Time Note
2/17/2016 17:06 Used Battery: 0% Used Memory: 1% User Name: CShaw
2/17/2016 17:50 Log Download - Used Battery: 0% Used Memory: 1% User Name: CShaw Interval - Start Time: 2/17/2016 5:30:00 PM Stop Time: 2/17/2016 5:45:00 PM
2/17/2016 17:53 Log Download - Used Battery: 0% Used Memory: 1% User Name: CShaw Interval - Start Time: 2/17/2016 5:30:00 PM Stop Time: 2/17/2016 6:45:00 PM
2/18/2016 10:20 Log Download - Used Battery: 0% Used Memory: 1% User Name: CShaw Interval - Start Time: 2/17/2016 5:30:00 PM Stop Time: 2/18/2016 11:00:00 AM
2/25/2016 9:31 Log Download - Used Battery: 1% Used Memory: 1% User Name: KMakar
3/3/2016 11:05 Log Download - Used Battery: 1% Used Memory: 3% User Name: SKuiper Interval - Start Time: 1/31/2016 10:30:00 PM Stop Time: 3/3/2016 11:30:00 AM
3/10/2016 14:06 Log Download - Used Battery: 1% Used Memory: 3% User Name: KMakar Interval - Start Time: 3/1/2016 12:00:00 PM Stop Time: 3/10/2016 2:15:00 PM
3/17/2016 15:14 Log Download - Used Battery: 2% Used Memory: 4% User Name: SKuiper Interval - Start Time: 3/8/2016 12:00:01 AM Stop Time: 3/17/2016 4:00:00 PM
3/24/2016 8:15 Log Download - Used Battery: 2% Used Memory: 4% User Name: KMakar Interval - Start Time: 3/15/2016 12:00:00 PM Stop Time: 3/24/2016 8:30:00 AM
3/31/2016 14:13 Log Download - Used Battery: 2% Used Memory: 6% User Name: SKuiper Interval - Start Time: 3/22/2016 12:00:00 PM Stop Time: 3/31/2016 3:00:00 PM
4/7/2016 8:45 Log Download - Used Battery: 3% Used Memory: 6% User Name: KMakar Interval - Start Time: 2/29/2016 5:00:00 PM Stop Time: 4/7/2016 1:30:00 PM
4/14/2016 8:24 Log Download - Used Battery: 3% Used Memory: 7% User Name: SKuiper Interval - Start Time: 4/5/2016 12:00:00 PM Stop Time: 4/14/2016 9:00:00 AM
4/21/2016 8:37 Log Download - Used Battery: 4% Used Memory: 7% User Name: ELinden Interval - Start Time: 4/12/2016 1:30:00 PM Stop Time: 4/21/2016 8:30:00 AM
4/28/2016 9:52 Log Download - Used Battery: 4% Used Memory: 9% User Name: KMakar Interval - Start Time: 4/19/2016 5:00:00 PM Stop Time: 4/28/2016 10:30:00 AM
5/5/2016 7:43 Log Download - Used Battery: 4% Used Memory: 9% User Name: SKuiper Interval - Start Time: 3/31/2016 12:00:00 PM Stop Time: 5/5/2016 8:05:00 AM
5/12/2016 8:17 Log Download - Used Battery: 5% Used Memory: 10% User Name: SKuiper Interval - Start Time: 5/3/2016 12:00:00 PM Stop Time: 5/12/2016 2:30:00 PM
5/12/2016 8:20 Log Download - Used Battery: 5% Used Memory: 10% User Name: SKuiper Interval - Start Time: 5/3/2016 12:00:00 PM Stop Time: 5/12/2016 8:15:00 AM
5/19/2016 11:18 Log Download - Used Battery: 5% Used Memory: 12% User Name: ELinden Interval - Start Time: 5/10/2016 12:00:00 PM Stop Time: 5/19/2016 1:00:00 PM
5/19/2016 11:22 Log Download - Used Battery: 5% Used Memory: 12% User Name: ELinden Interval - Start Time: 5/10/2016 12:00:00 PM Stop Time: 5/19/2016 11:45:00 AM
5/26/2016 8:04 Log Download - Used Battery: 5% Used Memory: 12% User Name: SKuiper Interval - Start Time: 5/17/2016 6:00:00 PM Stop Time: 5/26/2016 4:45:00 PM
6/2/2016 9:56 Log Download - Used Battery: 5% Used Memory: 14% User Name: SKuiper Interval - Start Time: 4/30/2016 10:00:00 PM Stop Time: 6/2/2016 5:15:00 PM
6/9/2016 8:06 Log Download - Used Battery: 6% Used Memory: 14% User Name: CShaw Interval - Start Time: 5/31/2016 5:00:00 AM Stop Time: 6/9/2016 5:30:00 PM
6/16/2016 9:25 Log Download - Used Battery: 6% Used Memory: 15% User Name: SKuiper Interval - Start Time: 6/7/2016 11:30:00 PM Stop Time: 6/16/2016 10:15:00 AM
6/16/2016 9:30 Log Download - Used Battery: 6% Used Memory: 15% User Name: SKuiper Interval - Start Time: 6/7/2016 11:30:00 PM Stop Time: 6/16/2016 9:15:00 AM
6/16/2016 9:32 Log Download - Used Battery: 6% Used Memory: 15% User Name: SKuiper Interval - Start Time: 6/7/2016 10:30:00 PM Stop Time: 6/16/2016 10:15:00 AM
6/23/2016 8:39 Log Download - Used Battery: 7% Used Memory: 15% User Name: SKuiper Interval - Start Time: 6/15/2016 10:00:00 PM Stop Time: 6/23/2016 7:15:00 PM
7/1/2016 10:10 Log Download - Used Battery: 7% Used Memory: 17% User Name: SKuiper Interval - Start Time: 5/31/2016 10:00:00 PM Stop Time: 7/1/2016 10:15:00 AM
7/8/2016 10:40 Log Download - Used Battery: 8% Used Memory: 17% User Name: SKuiper Interval - Start Time: 6/29/2016 10:00:00 PM Stop Time: 7/8/2016 11:00:00 AM
7/14/2016 16:49 Log Download - Used Battery: 8% Used Memory: 18% User Name: ELinden Interval - Start Time: 7/5/2016 12:00:00 PM Stop Time: 7/14/2016 5:45:00 PM
7/21/2016 16:10 Log Download - Used Battery: 8% Used Memory: 18% User Name: SKuiper Interval - Start Time: 7/13/2016 10:00:00 PM Stop Time: 7/21/2016 4:45:00 PM
7/28/2016 16:57 Log Download - Used Battery: 9% Used Memory: 20% User Name: SKuiper Interval - Start Time: 7/20/2016 10:00:00 PM Stop Time: 7/28/2016 5:30:00 PM
8/4/2016 14:05 Log Download - Used Battery: 9% Used Memory: 20% User Name: SKuiper Interval - Start Time: 6/30/2016 10:00:00 PM Stop Time: 8/4/2016 2:00:00 PM
8/11/2016 9:44 Log Download - Used Battery: 9% Used Memory: 21% User Name: ELinden Interval - Start Time: 8/3/2016 12:00:00 PM Stop Time: 8/11/2016 5:00:00 PM
8/18/2016 14:05 Log Download - Used Battery: 10% Used Memory: 21% User Name: SKuiper Interval - Start Time: 8/10/2016 10:00:00 PM Stop Time: 8/18/2016 3:50:00 PM
8/25/2016 11:10 Log Download - Used Battery: 10% Used Memory: 23% User Name: ELinden Interval - Start Time: 8/17/2016 10:00:00 PM Stop Time: 8/25/2016 12:15:00 PM
9/1/2016 8:18 Log Download - Used Battery: 10% Used Memory: 23% User Name: skuiper Interval - Start Time: 7/31/2016 10:00:00 PM Stop Time: 9/1/2016 6:15:00 PM
9/8/2016 16:12 Log Download - Used Battery: 11% Used Memory: 25% User Name: SKuiper Interval - Start Time: 8/31/2016 10:00:00 PM Stop Time: 9/8/2016 4:45:00 PM
9/15/2016 12:00 Log Download - Used Battery: 11% Used Memory: 25% User Name: ANorris Interval - Start Time: 9/7/2016 10:00:00 PM Stop Time: 9/15/2016 12:45:00 PM
9/22/2016 10:14 Log Download - Used Battery: 12% Used Memory: 26% User Name: ANorris Interval - Start Time: 9/14/2016 10:00:00 PM Stop Time: 9/22/2016 10:00:00 PM
10/1/2016 8:44 Log Download - Used Battery: 12% Used Memory: 28% User Name: ANorris Interval - Start Time: 9/1/2016 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
10/9/2017 9:46 User Note: "Pressure & Level adjusted by baro data from: "MPWSP Barotroll_2017-10-05_19-08-59-078.wsl""

Log Data:
Record Count 3318

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

Time Zone: Pacific Daylight Time

Date and Time	Elapsed Time Seconds	Sensor: PCTD(A) 197.3ft SNR: 440621		Sensor: PCTD(A) 197.3ft SNR: 440621		Sensor: PCTD(A) 197.3ft SNR: 440621		Sensor: PCTD(A) 197.3ft SNR: 440621		Sensor: PCTD(A) 197.3ft SNR: 440621		Sensor: PCTD(A) 197.3ft SNR: 440621		Sensor: PCTD(A) 197.3ft SNR: 440621		Sensor: PCTD(A) 197.3ft SNR: 440621		Sensor: Baro-Adj Calc SNR: 000000	
		Corrected 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)								
9/28/2017 0:00	2340000	56.663	16.93	130.832	1214.892	1436.288	0.727	0.977	823.118	0.999	14.692								
9/28/2017 0:15	2340900	56.665	16.929	130.838	1212.967	1434.029	0.726	0.975	824.425	0.999	14.693								
9/28/2017 0:30	2341800	56.658	16.922	130.821	1212.06	1433.175	0.725	0.975	825.042	0.999	14.699								
9/28/2017 0:45	2342700	56.664	16.928	130.836	1214.687	1436.085	0.727	0.977	823.257	0.999	14.694								
9/28/2017 1:00	2343600	56.666	16.929	130.84	1214.765	1436.167	0.727	0.977	823.204	0.999	14.694								
9/28/2017 1:15	2344500	56.671	16.928	130.851	1214.893	1436.332	0.727	0.977	823.118	0.999	14.695								
9/28/2017 1:30	2345400	56.679	16.928	130.87	1214.897	1436.333	0.727	0.977	823.115	0.999	14.692								
9/28/2017 1:45	2346300	56.691	16.926	130.898	1212.952	1434.107	0.726	0.975	824.435	0.999	14.687								
9/28/2017 2:00	2347200	56.701	16.927	130.92	1213.81	1435.106	0.726	0.976	823.852	0.999	14.682								
9/28/2017 2:15	2348100	56.701	16.93	130.921	1214.746	1436.109	0.727	0.977	823.218	0.999	14.689								
9/28/2017 2:30	2349000	56.703	16.927	130.925	1209.542	1430.034	0.724	0.972	826.759	0.999	14.693								
9/28/2017 2:45	2349900	56.72	16.929	130.965	1213.121	1434.208	0.726	0.975	824.32	0.999	14.688								
9/28/2017 3:00	2350800	56.717	16.926	130.957	1214.076	1435.433	0.726	0.976	823.672	0.999	14.693								
9/28/2017 3:15	2351700	56.73	16.928	130.987	1214.456	1435.818	0.727	0.976	823.414	0.999	14.688								
9/28/2017 3:30	2352600	56.736	16.929	131.002	1214.37	1435.705	0.727	0.976	823.472	0.999	14.686								
9/28/2017 3:45	2353500	56.748	16.929	131.029	1213.847	1435.099	0.726	0.976	823.827	0.999	14.684								
9/28/2017 4:00	2354400	56.753	16.926	131.04	1212.941	1434.089	0.726	0.975	824.442	0.999	14.691								
9/28/2017 4:15	2355300	56.762	16.928	131.061	1214.095	1435.384	0.726	0.976	823.659	0.999	14.69								
9/28/2017 4:30	2356200	56.766	16.925	131.071	1212.272	1433.349	0.725	0.975	824.897	0.999	14.692								
9/28/2017 4:45	2357100	56.779	16.928	131.1	1214.381	1435.729	0.727	0.976	823.465	0.999	14.694								
9/28/2017 5:00	2358000	56.787	16.928	131.12	1214.318	1435.675	0.727	0.976	823.507	0.999	14.694								
9/28/2017 5:15	2358900	56.795	16.928	131.137	1214.226	1435.539	0.727	0.976	823.57	0.999	14.698								
9/28/2017 5:30	2359800	56.816	16.929	131.187	1214.252	1435.559	0.727	0.976	823.553	0.999	14.693								
9/28/2017 5:45	2360700	56.815	16.925	131.183	1213.637	1434.957	0.726	0.975	823.97	0.999	14.696								
9/28/2017 6:00	2361600	56.823	16.928	131.202	1213.033	1434.132	0.726	0.975	824.38	0.999	14.696								
9/28/2017 6:15	2362500	56.824	16.928	131.205	1213.437	1434.632	0.726	0.976	824.106	0.999	14.701								
9/28/2017 6:30	2363400	56.835	16.929	131.23	1213.879	1435.11	0.726	0.976	823.805	0.999	14.7								
9/28/2017 6:45	2364300	56.842	16.925	131.246	1212.68	1433.817	0.726	0.975	824.62	0.999	14.702								
9/28/2017 7:00	2365200	56.852	16.927	131.271	1213.17	1434.351	0.726	0.975	824.287	0.999	14.694								
9/28/2017 7:15	2366100	56.852	16.924	131.269	1212.126	1433.393	0.725	0.975	824.997	0.999	14.699								
9/28/2017 7:30	2367000	56.852	16.924	131.269	1211.783	1432.794	0.725	0.974	825.23	0.999	14.701								
9/28/2017 7:45	2367900	56.844	16.924	131.251	1212.019	1433.064	0.725	0.974	825.07	0.999	14.708								
9/28/2017 8:00	2368800	56.853	16.927	131.271	1211.638	1432.532	0.725	0.974	825.329	0.999	14.701								
9/28/2017 8:15	2369700	56.845	16.926	131.253	1211.267	1432.104	0.725	0.974	825.582	0.999	14.704								
9/28/2017 8:30	2370600	56.839	16.928	131.239	1212.011	1432.947	0.725	0.974	825.075	0.999	14.706								
9/28/2017 8:45	2371500	56.83	16.927	131.219	1212.066	1433.037	0.725	0.974	825.038	0.999	14.707								
9/28/2017 9:00	2372400	56.829	16.927	131.219	1211.786	1432.249	0.724	0.974	825.228	0.999	14.708								
9/28/2017 9:15	2373300	56.815	16.925	131.183	1211.199	1432.055	0.725	0.974	825.628	0.999	14.709								
9/28/2017 9:30	2374200	56.808	16.925	131.169	1211.198	1432.08	0.725	0.974	825.629	0.999	14.708								
9/28/2017 9:45	2375100	56.802	16.928	131.155	1210.577	1431.237	0.724	0.973	826.053	0.999	14.704								
9/28/2017 10:00	2376000	56.79	16.92	131.126	1210.334	1431.217	0.724	0.973	826.218	0.999	14.708								
9/28/2017 10:15	2376900	56.779	16.931	131.101	1213.051	1434.063	0.726	0.975	824.368	0.999	14.711								
9/28/2017 10:30	2377800	56.769	16.931	131.079	1214.453	1435.717	0.727	0.976	823.416	0.999	14.708								
9/28/2017 10:45	2378700	56.759	16.93	131.055	1214.397	1435.686	0.727	0.976	823.454	0.999	14.709								
9/28/2017 11:00	2379600	56.754	16.932	131.044	1214.394	1435.631	0.727	0.976	823.456	0.999	14.708								
9/28/2017 11:15	2380500	56.747	16.929	131.028	1214.586	1435.958	0.727	0.976	823.326	0.999	14.706								
9/28/2017 11:30	2381400	56.746	16.93	131.024	1214.708	1436.056	0.727	0.977	823.243	0.999	14.706								
9/28/2017 11:45	2382300	56.747	16.931	131.028	1214.699	1436.025	0.727	0.976	823.249	0.999	14.704								
9/28/2017 12:00	2383200	56.74	16.93	131.01	1214.654	1436.004	0.727	0.976	823.28	0.999	14.705								
9/28/2017 12:15	2384100	56.74	16.93	131.011	1214.88	1436.248	0.727	0.977	823.127	0.999	14.703								
9/28/2017 12:30	2385000	56.731	16.932	130.99	1214.738	1436.017	0.727	0.976	823.223	0.999	14.706								
9/28/2017 12:45	2385900	56.741	16.928	131.012	1214.603	1436.015	0.727	0.976	823.314	0.999	14.699								
9/28/2017 13:00	2386800	56.731	16.929	130.991	1214.62	1435.972	0.727	0.976	823.303	0.999	14.704								
9/28/2017 13:15	2387700	56.732	16.928	130.992	1214.67	1436.088	0.727	0.977	823.269	0.999	14.703								
9/28/2017 13:30	2388600	56.732	16.925	130.992	1214.358	1435.812	0.727	0.976	823.48	0.999	14.7								
9/28/2017 13:45	2389500	56.738	16.931	131.007	1214.696	1436.019	0.727	0.976	823.251	0.999	14.698								
9/28/2017 14:00	2390400	56.736	16.931	131.003	1214.583	1435.888	0.727	0.976	823.238	0.999	14.698								
9/28/2017 14:15	2391300	56.744	16.931	131.02	1214.602	1435.905	0.727	0.976	823.315	0.999	14.697								
9/28/2017 14:30	2392200	56.748	16.926	131.03	1214.479	1435.927	0.727	0.976	823.399	0.999	14.699								
9/28/2017 14:45	2393100	56.75	16.929	131.035	1214.491	1435.825	0.727	0.976	823.39	0.999	14.695								
9/28/2017 15:00	2394000	56.756	16.93	131.047	1214.482	1435.782	0.727	0.976	823.397	0.999	14.694								
9/28/2017 15:15	2394900	56.75	16.929	131.034	1214.202	1435.481	0.726	0.976	823.586	0.999	14.7								
9/28/2017 15:30	2395800	56.752	16.93	131.038	1214.399	1435.696	0.727	0.976	823.453	0.999	14.695								
9/28/2017 15:45	2396700	56.75	16.928	131.035	1214.262	1435.585	0.727	0.976	823.546	0.999	14.693								
9/28/2017 16:00	2397600	56.743	16.928	131.017	1214.398	1435.741	0.727	0.976	823.453	0.999	14.694								
9/28/2017 16:15	2398500	56.745	16.928	131.023	1214.153	1435.454	0.726	0.976	823.619	0.999	14.695								
9/28/2017 16:30	2399400	56.743	16.928	131.018	1214.188	1435.506	0.727	0.976	823.596	0.999	14.695								
9/28/2017 16:45	2400300	56.742	16.927	131.016	1214.255	1435.614	0.727	0.976	823.55	0.999	14.699								
9/28/2017 17:00	2401200	56.739	16.926	131.007	1214.517	1435.956	0.727	0.976	823.372	0.999	14.698								
9/28/2017 17:15	2402100	56.736	16.929	131.003	1214.111	1435.39	0.726	0.976	823.648	0.999	14.697								

9/28/2017 17:30	2403000	56.738	16.928	131.006	1214.085	1435.376	0.726	0.976	823.666	0.999	14.693
9/28/2017 17:45	2403900	56.73	16.932	130.987	1213.98	1435.136	0.726	0.976	823.737	0.999	14.702
9/28/2017 18:00	2404800	56.731	16.928	130.989	1213.832	1435.103	0.726	0.976	823.837	0.999	14.696
9/28/2017 18:15	2405700	56.73	16.927	130.989	1213.675	1434.94	0.726	0.976	823.944	0.999	14.693
9/28/2017 18:30	2406600	56.734	16.929	130.997	1213.807	1435.027	0.726	0.976	823.855	0.999	14.694
9/28/2017 18:45	2407500	56.723	16.928	130.972	1213.581	1434.789	0.726	0.976	824.008	0.999	14.699
9/28/2017 19:00	2408400	56.723	16.928	130.972	1213.689	1434.905	0.726	0.976	823.934	0.999	14.696
9/28/2017 19:15	2409300	56.717	16.933	130.958	1213.768	1434.859	0.726	0.976	823.881	0.999	14.697
9/28/2017 19:30	2410200	56.714	16.93	130.952	1213.57	1434.72	0.726	0.976	824.015	0.999	14.699
9/28/2017 19:45	2411100	56.714	16.928	130.95	1213.571	1434.768	0.726	0.976	824.015	0.999	14.698
9/28/2017 20:00	2412000	56.704	16.926	130.928	1213.563	1434.83	0.726	0.976	824.02	0.999	14.7
9/28/2017 20:15	2412900	56.708	16.929	130.988	1213.563	1434.748	0.726	0.976	824.02	0.999	14.695
9/28/2017 20:30	2413800	56.703	16.93	130.926	1213.568	1434.581	0.726	0.976	824.085	0.999	14.702
9/28/2017 20:45	2414700	56.701	16.928	130.921	1213.624	1434.834	0.726	0.976	823.978	0.999	14.701
9/28/2017 21:00	2415600	56.695	16.927	130.906	1213.521	1434.739	0.726	0.976	824.048	0.999	14.707
9/28/2017 21:15	2416500	56.702	16.93	130.924	1213.755	1434.923	0.726	0.976	823.89	0.999	14.705
9/28/2017 21:30	2417400	56.704	16.929	130.928	1213.628	1434.799	0.726	0.976	823.976	0.999	14.705
9/28/2017 21:45	2418300	56.697	16.93	130.911	1213.668	1434.835	0.726	0.976	823.949	0.999	14.707
9/28/2017 22:00	2419200	56.702	16.929	130.923	1213.714	1434.899	0.726	0.976	823.917	0.999	14.704
9/28/2017 22:15	2420100	56.705	16.929	130.929	1213.518	1434.695	0.726	0.976	824.05	0.999	14.701
9/28/2017 22:30	2421000	56.701	16.928	130.921	1213.423	1434.619	0.726	0.976	824.115	0.999	14.706
9/28/2017 22:45	2421900	56.708	16.93	130.938	1213.562	1434.707	0.726	0.976	824.02	0.999	14.708
9/28/2017 23:00	2422800	56.713	16.928	130.947	1213.712	1434.93	0.726	0.976	823.919	0.999	14.709
9/28/2017 23:15	2423700	56.718	16.927	130.961	1213.425	1434.45	0.726	0.976	824.114	0.999	14.71
9/28/2017 23:30	2424600	56.716	16.931	130.956	1213.631	1434.363	0.726	0.976	823.974	0.999	14.711
9/28/2017 23:45	2425500	56.716	16.931	130.956	1213.454	1434.54	0.726	0.975	824.094	0.999	14.714
9/29/2017 0:00	2426400	56.726	16.928	130.978	1213.537	1434.754	0.726	0.976	824.037	0.999	14.713
9/29/2017 0:15	2427300	56.727	16.931	130.981	1213.641	1434.769	0.726	0.976	823.967	0.999	14.715
9/29/2017 0:30	2428200	56.735	16.929	130.999	1213.667	1434.871	0.726	0.976	823.949	0.999	14.705
9/29/2017 0:45	2429100	56.74	16.927	131.012	1212.458	1433.497	0.725	0.975	824.771	0.999	14.708
9/29/2017 1:00	2430000	56.737	16.931	131.005	1213.594	1434.699	0.726	0.976	823.999	0.999	14.725
9/29/2017 1:15	2430900	56.744	16.929	131.02	1213.527	1434.682	0.726	0.976	824.044	0.999	14.71
9/29/2017 1:30	2431800	56.745	16.927	131.023	1213.624	1434.868	0.726	0.976	823.978	0.999	14.714
9/29/2017 1:45	2432700	56.752	16.929	131.04	1213.525	1434.703	0.726	0.976	824.046	0.999	14.712
9/29/2017 2:00	2433600	56.755	16.931	131.045	1213.771	1434.928	0.726	0.976	823.879	0.999	14.714
9/29/2017 2:15	2434500	56.763	16.927	131.064	1213.347	1434.552	0.726	0.975	824.166	0.999	14.711
9/29/2017 2:30	2435400	56.77	16.934	131.079	1213.52	1434.713	0.726	0.976	824.109	0.999	14.709
9/29/2017 2:45	2436300	56.77	16.928	131.08	1213.468	1434.652	0.726	0.975	824.084	0.999	14.713
9/29/2017 3:00	2437200	56.772	16.929	131.084	1213.593	1434.758	0.726	0.976	823.999	0.999	14.709
9/29/2017 3:15	2438100	56.782	16.924	131.108	1213.446	1434.771	0.726	0.976	824.099	0.999	14.712
9/29/2017 3:30	2439000	56.776	16.93	131.095	1213.487	1434.604	0.726	0.976	824.071	0.999	14.716
9/29/2017 3:45	2439900	56.787	16.931	131.118	1213.553	1434.673	0.726	0.976	824.027	0.999	14.713
9/29/2017 4:00	2440800	56.794	16.924	131.126	1213.228	1434.488	0.726	0.975	824.247	0.999	14.721
9/29/2017 4:15	2441700	56.794	16.929	131.135	1213.384	1434.513	0.726	0.975	824.142	0.999	14.716
9/29/2017 4:30	2442600	56.804	16.925	131.158	1213.312	1434.565	0.726	0.976	824.19	0.999	14.717
9/29/2017 4:45	2443500	56.817	16.929	131.189	1213.47	1434.624	0.726	0.976	824.083	0.999	14.712
9/29/2017 5:00	2444400	56.824	16.928	131.205	1213.399	1434.559	0.726	0.976	824.131	0.999	14.711
9/29/2017 5:15	2445300	56.829	16.928	131.217	1213.359	1434.541	0.726	0.975	824.158	0.999	14.715
9/29/2017 5:30	2446200	56.834	16.927	131.229	1213.323	1434.518	0.726	0.975	824.183	0.999	14.713
9/29/2017 5:45	2447100	56.852	16.928	131.268	1213.049	1434.178	0.726	0.975	824.369	0.999	14.709
9/29/2017 6:00	2448000	56.853	16.928	131.272	1213.209	1434.358	0.726	0.975	824.26	0.999	14.715
9/29/2017 6:15	2448900	56.861	16.928	131.29	1213.372	1434.553	0.726	0.975	824.15	0.999	14.718
9/29/2017 6:30	2449800	56.867	16.927	131.305	1213.044	1434.188	0.726	0.975	824.372	0.999	14.718
9/29/2017 6:45	2450700	56.876	16.927	131.324	1213.331	1434.53	0.726	0.975	824.178	0.999	14.714
9/29/2017 7:00	2451600	56.878	16.93	131.329	1213.305	1434.409	0.726	0.975	824.195	0.999	14.717
9/29/2017 7:15	2452500	56.884	16.925	131.342	1213.078	1434.303	0.726	0.975	824.349	0.999	14.725
9/29/2017 7:30	2453400	56.897	16.928	131.374	1213.229	1434.376	0.726	0.975	824.246	0.999	14.709
9/29/2017 7:45	2454300	56.896	16.927	131.371	1213.072	1434.222	0.726	0.975	824.353	0.999	14.727
9/29/2017 8:00	2455200	56.895	16.927	131.368	1212.852	1433.949	0.726	0.975	824.503	0.999	14.727
9/29/2017 8:15	2456100	56.888	16.928	131.354	1213.13	1434.269	0.726	0.975	824.314	0.999	14.731
9/29/2017 8:30	2457000	56.891	16.926	131.359	1212.932	1434.073	0.726	0.975	824.448	0.999	14.73
9/29/2017 8:45	2457900	56.89	16.927	131.323	1212.457	1433.494	0.725	0.975	824.772	0.999	14.725
9/29/2017 9:00	2458800	56.879	16.93	131.333	1213.145	1434.2	0.726	0.975	824.304	0.999	14.729
9/29/2017 9:15	2459700	56.874	16.925	131.32	1212.554	1433.668	0.726	0.975	824.706	0.999	14.73
9/29/2017 9:30	2460600	56.866	16.928	131.303	1213.001	1434.106	0.726	0.975	824.402	0.999	14.731
9/29/2017 9:45	2461500	56.863	16.927	131.295	1213.033	1434.172	0.726	0.975	824.38	0.999	14.729
9/29/2017 10:00	2462400	56.865	16.928	131.3	1213.158	1434.274	0.726	0.975	824.295	0.999	14.724
9/29/2017 10:15	2463300	56.853	16.927	131.271	1213.217	1434.378	0.726	0.975	824.255	0.999	14.725
9/29/2017 10:30	2464200	56.855	16.932	131.277	1213.605	1434.687	0.726	0.976	823.991	0.999	14.72
9/29/2017 10:45	2465100	56.84	16.93	131.242	1213.528	1434.658	0.726	0.976	824.044	0.999	14.732
9/29/2017 11:00	2466000	56.83	16.928	131.22	1213.528	1434.713	0.726	0.976	824.043	0.999	14.737
9/29/2017 11:15	2466900	56.825	16.928	131.207	1213.419	1434.606	0.726	0.976	824.117	0.999	14.731
9/29/2017 11:30	2467800	56.82	16.931	131.195	1213.642	1434.775	0.726	0.976	823.966	0.999	14.733
9/29/2017 11:45	2468700	56.817	16.926	131.189	1213.78	1435.189	0.726	0.976	823.873	0.999	14.726
9/29/2017 12:00	2469600	56.817	16.93	131.189	1213.701	1434.854	0.726	0.976	823.926	0.999	14.734
9/29/2017 12:15	2470500	56.816	16.928	131.187	1213.545	1434.752	0.726	0.976	824.032	0.999	14.737
9/29/2017 12:30	2471400	56.828	16.928	131.215	1213.676	1434.915	0.726	0.976	823.943	0.999	14.723
9/29/2017 12:45	2472300	56.822	16.927	131.201	1213.587	1434.824	0.726	0.976	824.004	0.999	14.725
9/29/2017 13:00	2473200	56.829	16.927	131.216	1213.58	1434.816	0.726	0.976	824.008	0.999	14.723
9/29/2017 13:15	2474100	56.834	16.929	131.229	1213.689	1434.929	0.726	0.976	823.925	0.999	14.721
9/29/2017 13:30	2475000	56.826	16.926	131.21	1213.536	1434.789	0.726	0.976	824.039	0.999	14.724
9/29/2017 13:45	2475900	56.835	16.924	131.229	1213.716	1435.091	0.726	0.976	823.916	0.999	14.724
9/29/2017 14:00	2476800	56.826	16.925	131.209	1213.673	1435.011	0.726	0.976	823.945	0.999	14.733
9/29/2017 14:15	2477700	56.815	16.927	131.184	1213.642	1434.89					

9/30/2017 22:15	2592900	56.853	16.929	131.273	1213.598	1434.778	0.726	0.976	823.996	0.999	14.702
9/30/2017 22:30	2593800	56.855	16.929	131.277	1213.854	1435.086	0.726	0.976	823.822	0.999	14.703
9/30/2017 22:45	2594700	56.859	16.928	131.285	1213.589	1434.812	0.726	0.976	824.002	0.999	14.703
9/30/2017 23:00	2595600	56.861	16.926	131.289	1213.635	1434.923	0.726	0.976	823.971	0.999	14.703
9/30/2017 23:15	2596500	56.865	16.925	131.299	1213.605	1434.917	0.726	0.976	823.991	0.999	14.702
9/30/2017 23:30	2597400	56.871	16.926	131.314	1213.564	1434.831	0.726	0.976	824.019	0.999	14.699
9/30/2017 23:45	2598300	56.878	16.924	131.33	1213.25	1434.533	0.726	0.975	824.233	0.999	14.702
10/1/2017 0:00	2599200	56.88	16.925	131.333	1213.585	1434.901	0.726	0.976	824.005	0.999	14.7
10/1/2017 0:15	2600100	56.881	16.926	131.336	1213.45	1434.691	0.726	0.976	824.097	0.999	14.701
10/1/2017 0:30	2601000	56.888	16.931	131.354	1213.615	1434.747	0.726	0.976	823.984	0.999	14.703
10/1/2017 0:45	2601900	56.899	16.928	131.379	1213.713	1434.962	0.726	0.976	823.918	0.999	14.696
10/1/2017 1:00	2602800	56.903	16.929	131.387	1213.779	1434.989	0.726	0.976	823.873	0.999	14.7
10/1/2017 1:15	2603700	56.913	16.931	131.409	1213.827	1434.922	0.726	0.976	823.946	0.999	14.698
10/1/2017 1:30	2604600	56.926	16.929	131.441	1213.708	1434.917	0.726	0.976	823.921	0.999	14.693
10/1/2017 1:45	2605500	56.93	16.928	131.45	1213.543	1434.747	0.726	0.976	824.033	0.999	14.689
10/1/2017 2:00	2606400	56.941	16.922	131.476	1213.316	1434.668	0.726	0.976	824.188	0.999	14.689
10/1/2017 2:15	2607300	56.944	16.926	131.481	1213.479	1434.727	0.726	0.976	824.077	0.999	14.692
10/1/2017 2:30	2608200	56.955	16.927	131.507	1213.57	1434.816	0.726	0.976	824.015	0.999	14.684
10/1/2017 2:45	2609100	56.966	16.926	131.534	1213.606	1434.873	0.726	0.976	823.991	0.999	14.681
10/1/2017 3:00	2610000	56.97	16.927	131.542	1213.533	1434.758	0.726	0.976	824.04	0.999	14.685
10/1/2017 3:15	2610900	56.978	16.928	131.56	1213.661	1434.878	0.726	0.976	823.953	0.999	14.69
10/1/2017 3:30	2611800	56.977	16.927	131.557	1213.417	1434.643	0.726	0.976	824.119	0.999	14.691
10/1/2017 3:45	2612700	56.989	16.927	131.585	1213.326	1434.533	0.726	0.975	824.181	0.999	14.688
10/1/2017 4:00	2613600	56.992	16.926	131.594	1213.523	1434.774	0.726	0.976	824.047	0.999	14.685
10/1/2017 4:15	2614500	57	16.925	131.61	1213.492	1434.798	0.726	0.976	824.068	0.999	14.684
10/1/2017 4:30	2615400	57.008	16.926	131.629	1213.429	1434.686	0.726	0.976	824.111	0.999	14.682
10/1/2017 4:45	2616300	57.014	16.925	131.643	1213.052	1434.263	0.726	0.975	824.367	0.999	14.684
10/1/2017 5:00	2617200	57.023	16.924	131.663	1212.891	1434.098	0.726	0.975	824.476	0.999	14.687
10/1/2017 5:15	2618100	57.025	16.924	131.67	1213.005	1434.236	0.726	0.975	824.399	0.999	14.695
10/1/2017 5:30	2619000	57.026	16.924	131.672	1213.136	1434.402	0.726	0.975	824.31	0.999	14.699
10/1/2017 5:45	2619900	57.044	16.923	131.712	1212.815	1434.031	0.726	0.975	824.528	0.999	14.687
10/1/2017 6:00	2620800	57.049	16.92	131.723	1211.994	1433.176	0.725	0.975	825.087	0.999	14.695
10/1/2017 6:15	2621700	57.06	16.926	131.75	1213.029	1434.199	0.726	0.975	824.382	0.999	14.693
10/1/2017 6:30	2622600	57.071	16.925	131.775	1212.674	1433.815	0.726	0.975	824.624	0.999	14.69
10/1/2017 6:45	2623500	57.07	16.926	131.774	1212.982	1434.151	0.726	0.975	824.415	0.999	14.696
10/1/2017 7:00	2624400	57.074	16.926	131.781	1212.619	1433.731	0.726	0.975	824.661	0.999	14.705
10/1/2017 7:15	2625300	57.082	16.925	131.8	1212.729	1433.871	0.726	0.975	824.586	0.999	14.706
10/1/2017 7:30	2626200	57.094	16.922	131.829	1212.609	1433.829	0.726	0.975	824.668	0.999	14.7
10/1/2017 7:45	2627100	57.098	16.925	131.838	1212.12	1433.176	0.725	0.975	825	0.999	14.703
10/1/2017 8:00	2628000	57.096	16.924	131.832	1212.284	1433.386	0.725	0.975	824.889	0.999	14.703
10/1/2017 8:15	2628900	57.106	16.925	131.855	1212.13	1433.156	0.725	0.975	824.994	0.999	14.706
10/1/2017 8:30	2629800	57.106	16.919	131.855	1211.99	1433.189	0.725	0.975	825.089	0.999	14.713
10/1/2017 8:45	2630700	57.114	16.923	131.875	1211.978	1433.095	0.725	0.975	825.098	0.999	14.711
10/1/2017 9:00	2631600	57.126	16.922	131.901	1211.976	1433.073	0.725	0.974	825.099	0.999	14.703
10/1/2017 9:15	2632500	57.124	16.921	131.897	1211.501	1432.553	0.725	0.974	825.422	0.999	14.705
10/1/2017 9:30	2633400	57.134	16.925	131.92	1211.839	1432.84	0.725	0.974	825.192	0.999	14.705
10/1/2017 9:45	2634300	57.132	16.924	131.917	1211.636	1432.626	0.725	0.974	825.33	0.999	14.707
10/1/2017 10:00	2635200	57.137	16.923	131.928	1211.54	1432.523	0.725	0.974	825.396	0.999	14.707
10/1/2017 10:15	2636100	57.147	16.923	131.952	1212.272	1432.272	0.725	0.974	825.544	0.999	14.7
10/1/2017 10:30	2637000	57.148	16.925	131.952	1211.286	1432.184	0.725	0.974	825.569	0.999	14.703
10/1/2017 10:45	2637900	57.149	16.923	131.955	1211.331	1432.287	0.725	0.974	825.538	0.999	14.702
10/1/2017 11:00	2638800	57.164	16.923	131.99	1211.204	1432.132	0.725	0.974	825.625	0.999	14.695
10/1/2017 11:15	2639700	57.169	16.922	132.002	1211.051	1431.993	0.725	0.974	825.729	0.999	14.691
10/1/2017 11:30	2640600	57.173	16.922	132.01	1210.963	1431.878	0.725	0.974	825.789	0.999	14.695
10/1/2017 11:45	2641500	57.182	16.921	132.031	1210.804	1431.738	0.725	0.974	825.897	0.999	14.693
10/1/2017 12:00	2642400	57.184	16.921	132.037	1210.931	1431.888	0.725	0.974	825.811	0.999	14.695
10/1/2017 12:15	2643300	57.193	16.922	132.056	1210.836	1431.731	0.725	0.974	825.876	0.999	14.695
10/1/2017 12:30	2644200	57.196	16.922	132.065	1210.651	1431.532	0.724	0.973	826.002	0.999	14.694
10/1/2017 12:45	2645100	57.205	16.922	132.084	1210.702	1431.583	0.724	0.973	825.967	0.999	14.692
10/1/2017 13:00	2646000	57.213	16.917	132.102	1210.615	1431.653	0.724	0.973	826.027	0.999	14.69
10/1/2017 13:15	2646900	57.214	16.92	132.104	1210.594	1431.504	0.724	0.973	826.041	0.999	14.69
10/1/2017 13:30	2647800	57.228	16.92	132.137	1210.747	1431.637	0.724	0.974	825.936	0.999	14.682
10/1/2017 13:45	2648700	57.232	16.921	132.147	1210.454	1431.327	0.724	0.973	826.136	0.999	14.681
10/1/2017 14:00	2649600	57.237	16.919	132.158	1210.689	1431.653	0.724	0.974	825.976	0.999	14.679
10/1/2017 14:15	2650500	57.245	16.92	132.176	1210.739	1431.692	0.724	0.974	825.942	0.999	14.673
10/1/2017 14:30	2651400	57.248	16.919	132.183	1210.547	1431.48	0.724	0.973	826.073	0.999	14.673
10/1/2017 14:45	2652300	57.256	16.916	132.202	1210.576	1431.625	0.724	0.974	826.053	0.999	14.67
10/1/2017 15:00	2653200	57.262	16.915	132.216	1210.465	1431.465	0.724	0.973	826.156	0.999	14.656
10/1/2017 15:15	2654100	57.279	16.916	132.256	1210.556	1431.597	0.724	0.973	826.067	0.999	14.655
10/1/2017 15:30	2655000	57.277	16.916	132.252	1210.48	1431.504	0.724	0.973	826.119	0.999	14.659
10/1/2017 15:45	2655900	57.282	16.919	132.263	1210.406	1431.335	0.724	0.973	826.169	0.999	14.658
10/1/2017 16:00	2656800	57.292	16.917	132.286	1210.407	1431.383	0.724	0.973	826.168	0.999	14.65
10/1/2017 16:15	2657700	57.294	16.913	132.29	1210.532	1431.661	0.724	0.974	826.083	0.999	14.652
10/1/2017 16:30	2658600	57.297	16.919	132.298	1210.412	1431.328	0.724	0.973	826.165	0.999	14.651
10/1/2017 16:45	2659500	57.301	16.92	132.306	1210.474	1431.383	0.724	0.973	826.122	0.999	14.656
10/1/2017 17:00	2660400	57.311	16.915	132.328	1210.356	1431.412	0.724	0.973	826.203	0.999	14.649
10/1/2017 17:15	2661300	57.323	16.915	132.356	1210.4	1431.45	0.724	0.973	826.173	0.999	14.646
10/1/2017 17:30	2662200	57.326	16.913	132.364	1210.435	1431.556	0.724	0.973	826.149	0.999	14.648
10/1/2017 17:45	2663100	57.335	16.912	132.385	1210.496	1431.669	0.724	0.974	826.108	0.999	14.642
10/1/2017 18:00	2664000	57.337	16.913	132.39	1210.494	1431.774	0.724	0.974	826.109	0.999	14.644
10/1/2017 18:15	2664900	57.346	16.915	132.41	1210.412	1431.456	0.724	0.974	826.165	0.999	14.647
10/1/2017 18:30	2665800	57.36	16.908	132.443	1210.404	1431.681	0.724	0.974	826.171	0.999	14.645
10/1/2017 18:45	2666700	57.36	16.912	132.443	1210.808	1432.038	0.725	0.974	825.895	0.999	14.644
10/1/2017 19:00	2667600	57.358	16.908	132.437	1210.552	1431.862					

10/3/2017 3:00	2782800	57.377	16.925	132.483	1213.908	1435.281	0.726	0.976	823.785	0.999	14.624
10/3/2017 3:15	2783700	57.394	16.923	132.521	1213.932	1435.368	0.726	0.976	823.769	0.999	14.617
10/3/2017 3:30	2784600	57.39	16.922	132.512	1213.658	1435.062	0.726	0.976	823.955	0.999	14.626
10/3/2017 3:45	2785500	57.406	16.925	132.548	1213.933	1435.318	0.726	0.976	823.769	0.999	14.619
10/3/2017 4:00	2786400	57.41	16.917	132.558	1213.577	1435.139	0.726	0.976	824.011	0.999	14.623
10/3/2017 4:15	2787300	57.418	16.918	132.576	1213.688	1435.233	0.726	0.976	823.935	0.999	14.621
10/3/2017 4:30	2788200	57.423	16.922	132.588	1213.869	1435.314	0.726	0.976	823.812	0.999	14.623
10/3/2017 4:45	2789100	57.434	16.917	132.612	1213.351	1434.886	0.726	0.976	824.164	0.999	14.623
10/3/2017 5:00	2790000	57.446	16.921	132.64	1213.274	1434.639	0.726	0.976	824.216	0.999	14.615
10/3/2017 5:15	2790900	57.443	16.919	132.633	1213.413	1434.88	0.726	0.976	824.122	0.999	14.625
10/3/2017 5:30	2791800	57.453	16.918	132.656	1213.122	1434.567	0.726	0.976	824.319	0.999	14.623
10/3/2017 5:45	2792700	57.464	16.917	132.682	1213.206	1434.708	0.726	0.976	824.263	0.999	14.619
10/3/2017 6:00	2793600	57.474	16.921	132.705	1213.433	1434.844	0.726	0.976	824.108	0.999	14.62
10/3/2017 6:15	2794500	57.477	16.918	132.712	1213.312	1434.786	0.726	0.976	824.19	0.999	14.622
10/3/2017 6:30	2795400	57.48	16.92	132.719	1212.989	1434.35	0.726	0.975	824.41	0.999	14.627
10/3/2017 6:45	2796300	57.496	16.916	132.756	1212.837	1434.295	0.726	0.975	824.513	0.999	14.617
10/3/2017 7:00	2797200	57.492	16.918	132.748	1213.153	1434.595	0.726	0.976	824.298	0.999	14.625
10/3/2017 7:15	2798100	57.499	16.921	132.765	1212.897	1434.222	0.726	0.975	824.472	0.999	14.627
10/3/2017 7:30	2799000	57.506	16.92	132.739	1213.104	1434.483	0.725	0.975	824.332	0.999	14.628
10/3/2017 7:45	2799900	57.508	16.919	132.784	1212.822	1434.178	0.726	0.975	824.524	0.999	14.631
10/3/2017 8:00	2800800	57.513	16.918	132.797	1212.716	1434.09	0.726	0.975	824.595	0.999	14.636
10/3/2017 8:15	2801700	57.515	16.919	132.801	1212.779	1434.121	0.726	0.975	824.553	0.999	14.638
10/3/2017 8:30	2802600	57.521	16.911	132.814	1212.309	1433.841	0.726	0.975	824.872	0.999	14.64
10/3/2017 8:45	2803500	57.526	16.919	132.826	1212.669	1434.015	0.726	0.975	824.627	0.999	14.637
10/3/2017 9:00	2804400	57.529	16.92	132.832	1212.661	1433.971	0.726	0.975	824.633	0.999	14.641
10/3/2017 9:15	2805300	57.527	16.919	132.828	1212.24	1433.487	0.725	0.975	824.919	0.999	14.649
10/3/2017 9:30	2806200	57.526	16.919	132.827	1212.079	1433.317	0.725	0.975	825.029	0.999	14.652
10/3/2017 9:45	2807100	57.526	16.922	132.825	1212.482	1433.677	0.726	0.975	824.755	0.999	14.654
10/3/2017 10:00	2808000	57.527	16.919	132.827	1212.218	1433.461	0.725	0.975	824.934	0.999	14.653
10/3/2017 10:15	2808900	57.528	16.921	132.83	1212.223	1433.413	0.725	0.975	824.931	0.999	14.654
10/3/2017 10:30	2809800	57.515	16.923	132.801	1212.236	1433.363	0.725	0.975	824.922	0.999	14.659
10/3/2017 10:45	2810700	57.509	16.922	132.786	1211.982	1433.105	0.725	0.975	825.095	0.999	14.664
10/3/2017 11:00	2811600	57.502	16.922	132.771	1212.024	1433.155	0.725	0.975	825.066	0.999	14.661
10/3/2017 11:15	2812500	57.506	16.923	132.779	1212.098	1433.189	0.725	0.975	825.016	0.999	14.654
10/3/2017 11:30	2813400	57.496	16.922	132.757	1211.885	1432.965	0.725	0.974	825.161	0.999	14.658
10/3/2017 11:45	2814300	57.49	16.921	132.742	1211.887	1433.03	0.725	0.974	825.159	0.999	14.663
10/3/2017 12:00	2815200	57.491	16.923	132.744	1211.893	1432.949	0.725	0.974	825.156	0.999	14.656
10/3/2017 12:15	2816100	57.489	16.918	132.74	1211.721	1432.905	0.725	0.974	825.273	0.999	14.659
10/3/2017 12:30	2817000	57.475	16.923	132.709	1211.989	1433.065	0.725	0.974	825.09	0.999	14.663
10/3/2017 12:45	2817900	57.473	16.925	132.703	1212.058	1433.081	0.725	0.974	825.043	0.999	14.662
10/3/2017 13:00	2818800	57.47	16.921	132.696	1212.003	1433.145	0.725	0.975	825.08	0.999	14.667
10/3/2017 13:15	2819700	57.466	16.927	132.688	1211.916	1432.863	0.725	0.974	825.14	0.999	14.664
10/3/2017 13:30	2820600	57.459	16.924	132.67	1211.978	1433.038	0.726	0.974	825.097	0.999	14.67
10/3/2017 13:45	2821500	57.452	16.92	132.654	1211.524	1432.612	0.725	0.974	825.407	0.999	14.672
10/3/2017 14:00	2822400	57.449	16.924	132.648	1212.043	1433.099	0.725	0.975	825.053	0.999	14.674
10/3/2017 14:15	2823300	57.445	16.924	132.639	1212.107	1433.168	0.725	0.975	825.01	0.999	14.67
10/3/2017 14:30	2824200	57.432	16.925	132.608	1212.108	1433.143	0.725	0.975	825.009	0.999	14.678
10/3/2017 14:45	2825100	57.432	16.925	132.608	1212.274	1433.337	0.725	0.975	824.896	0.999	14.677
10/3/2017 15:00	2826000	57.427	16.922	132.597	1212.176	1433.326	0.725	0.975	824.963	0.999	14.678
10/3/2017 15:15	2826900	57.424	16.925	132.589	1212.089	1433.107	0.725	0.975	825.022	0.999	14.678
10/3/2017 15:30	2827800	57.407	16.923	132.551	1211.994	1433.091	0.725	0.975	825.086	0.999	14.69
10/3/2017 15:45	2828700	57.416	16.924	132.571	1212.18	1433.271	0.725	0.975	824.96	0.999	14.675
10/3/2017 16:00	2829600	57.407	16.924	132.551	1212.198	1433.295	0.725	0.975	824.948	0.999	14.685
10/3/2017 16:15	2830500	57.411	16.925	132.56	1212.001	1433.028	0.725	0.974	825.082	0.999	14.679
10/3/2017 16:30	2831400	57.407	16.922	132.552	1211.792	1432.863	0.725	0.974	825.224	0.999	14.683
10/3/2017 16:45	2832300	57.401	16.923	132.538	1212.235	1433.348	0.725	0.975	824.922	0.999	14.685
10/3/2017 17:00	2833200	57.393	16.925	132.519	1212.207	1433.25	0.725	0.975	824.941	0.999	14.692
10/3/2017 17:15	2834100	57.392	16.925	132.516	1212.459	1433.551	0.725	0.975	824.77	0.999	14.69
10/3/2017 17:30	2835000	57.401	16.926	132.536	1212.387	1433.445	0.725	0.975	824.819	0.999	14.685
10/3/2017 17:45	2835900	57.395	16.918	132.524	1212.198	1433.486	0.725	0.975	824.948	0.999	14.686
10/3/2017 18:00	2836800	57.385	16.921	132.499	1212.166	1433.34	0.725	0.975	824.969	0.999	14.696
10/3/2017 18:15	2837700	57.38	16.925	132.488	1212.27	1433.347	0.725	0.975	824.925	0.999	14.699
10/3/2017 18:30	2838600	57.386	16.922	132.503	1212.291	1433.459	0.725	0.975	824.884	0.999	14.698
10/3/2017 18:45	2839500	57.38	16.924	132.49	1212.552	1433.712	0.726	0.975	824.707	0.999	14.701
10/3/2017 19:00	2840400	57.383	16.924	132.496	1212.743	1433.923	0.726	0.975	824.577	0.999	14.699
10/3/2017 19:15	2841300	57.373	16.922	132.472	1212.609	1433.825	0.726	0.975	824.668	0.999	14.703
10/3/2017 19:30	2842200	57.373	16.916	132.473	1212.476	1433.865	0.726	0.975	824.759	0.999	14.706
10/3/2017 19:45	2843100	57.374	16.923	132.474	1212.551	1433.914	0.725	0.975	824.708	0.999	14.707
10/3/2017 20:00	2844000	57.365	16.921	132.453	1212.91	1434.223	0.726	0.975	824.463	0.999	14.714
10/3/2017 20:15	2844900	57.375	16.919	132.478	1212.701	1434.032	0.726	0.975	824.606	0.999	14.707
10/3/2017 20:30	2845800	57.369	16.923	132.463	1212.825	1434.062	0.726	0.975	824.521	0.999	14.717
10/3/2017 20:45	2846700	57.376	16.919	132.48	1212.805	1434.15	0.726	0.975	824.535	0.999	14.714
10/3/2017 21:00	2847600	57.375	16.92	132.477	1212.912	1434.265	0.726	0.975	824.462	0.999	14.718
10/3/2017 21:15	2848500	57.372	16.921	132.469	1212.913	1434.217	0.726	0.975	824.462	0.999	14.719
10/3/2017 21:30	2849400	57.374	16.917	132.476	1212.866	1434.307	0.726	0.975	824.493	0.999	14.719
10/3/2017 21:45	2850300	57.369	16.911	132.464	1212.685	1434.266	0.726	0.975	824.617	0.999	14.721
10/3/2017 22:00	2851200	57.372	16.915	132.47	1213.131	1434.685	0.726	0.976	824.313	0.999	14.722
10/3/2017 22:15	2852100	57.373	16.918	132.472	1212.857	1434.268	0.726	0.975	824.499	0.999	14.724
10/3/2017 22:30	2853000	57.37	16.917	132.465	1212.96	1434.422	0.726	0.975	824.429	0.999	14.731
10/3/2017 22:45	2853900	57.36	16.916	132.444	1212.807	1434.252	0.726	0.975	824.533	0.999	14.722
10/3/2017 23:00	2854800	57.375	16.913	132.477	1212.537	1434.026	0.726	0.975	824.717	0.999	14.727
10/3/2017 23:15	2855700	57.379	16.92	132.487	1212.854	1434.205	0.726	0.975	824.501	0.999	14.728
10/3/2017 23:30	2856600	57.377	16.914	132.482	1212.447	1433.913	0.726	0.975	824.779	0.999	14.732
10/3/2017 23:45	2857500	57.378	16.92	132.483							

Report Date:	10/9/2017 9:53										
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_2017-10-05_11-37-01-384-BaroMerge.wsl										
Create Date	10/9/2017 9:46										
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								
Used Memory	0		1 (Modbus-RTU)								
Used Battery	2										
Log Configuration											
Log Name	MPWSP MW-65 LT Test										
Created By	WMassoll										
Computer Name	PROBOOK2										
Application	WinSitu.exe										
Application Version	5.6.27.1										
Create Date	3/16/2017 12:50:25 PM Pacific Daylight Time										
Log Setup Time Zone	Pacific Daylight Time										
Notes Size(bytes)	4096										
Overwrite when full	Enabled										
Scheduled Start Time	3/16/2017 1:00:00 PM Pacific Daylight Time										
Scheduled Stop Time	No Stop Time										
Type	Linear										
Interval	Days: 0 hrs: 00 mins: 15 secs: 00										
Level Reference Settings At Log Creation											
Level Measurement Mode											
Specific Gravity	0.999										
Other Log Settings											
Depth of Probe:	65.2518 (ft)										
Head Pressure:	28.2601 (PSI)										
Temperature:	16.9986 (C)										
Specific Conductivity Model:	Standard Methods										
Reference Temperature:	25										
Temperature Coefficient:	0.0191										
TDS Factor:	0.68										
Log Notes:											
Date and Time	Note										
3/16/2017 12:50	Used Battery: 2% Used Memory: 3% User Name: WMassoll										
3/16/2017 13:02	Log Download - Used Battery: 2% Used Memory: 3% User Name: WMassoll Interval - Start Time: 3/16/2017 1:00:00 PM Stop Time: 3/16/2017 3:00:00 PM										
3/23/2017 13:19	Log Download - Used Battery: 2% Used Memory: 3% User Name: AVanHaitsma Interval - Start Time: 3/16/2017 1:00:00 PM Stop Time: 3/23/2017 1:15:00 PM										
3/30/2017 11:39	Log Download - Used Battery: 3% Used Memory: 4% User Name: AVanHaitsma Interval - Start Time: 3/22/2017 10:00:00 PM Stop Time: 3/30/2017 12:30:00 PM										
4/6/2017 10:29	Log Download - Used Battery: 3% Used Memory: 4% User Name: WMassoll Interval - Start Time: 3/16/2017 1:00:00 PM Stop Time: 4/1/2017 6:00:00 AM										
4/6/2017 11:59	Log Download - Used Battery: 3% Used Memory: 4% User Name: WMassoll Interval - Start Time: 3/16/2017 1:00:00 PM Stop Time: 4/6/2017 12:45:00 PM										
4/13/2017 9:05	Log Download - Used Battery: 3% Used Memory: 6% User Name: WMassoll Interval - Start Time: 4/5/2017 12:00:00 PM Stop Time: 4/13/2017 9:00:00 AM										
4/13/2017 9:06	Log Download - Used Battery: 3% Used Memory: 6% User Name: WMassoll Interval - Start Time: 4/5/2017 12:00:00 PM Stop Time: 4/13/2017 9:00:00 AM										
4/20/2017 10:50	Log Download - Used Battery: 4% Used Memory: 6% User Name: AVanHaitsma Interval - Start Time: 4/12/2017 10:00:00 PM Stop Time: 4/20/2017 11:45:00 AM										
4/27/2017 9:55	Log Download - Used Battery: 4% Used Memory: 7% User Name: WMassoll Interval - Start Time: 4/19/2017 10:00:00 PM Stop Time: 4/27/2017 10:45:00 AM										
5/4/2017 10:20	Log Download - Used Battery: 4% Used Memory: 7% User Name: AVanHaitsma Interval - Start Time: 3/31/2017 10:00:00 PM Stop Time: 5/4/2017 11:15:00 AM										
5/11/2017 10:29	Log Download - Used Battery: 5% Used Memory: 9% User Name: AVanHaitsma Interval - Start Time: 5/3/2017 10:00:00 PM Stop Time: 5/11/2017 11:15:00 AM										
5/18/2017 14:38	Log Download - Used Battery: 5% Used Memory: 9% User Name: WMassoll Interval - Start Time: 5/10/2017 10:00:00 PM Stop Time: 5/18/2017 3:30:00 PM										
5/25/2017 10:09	Log Download - Used Battery: 6% Used Memory: 10% User Name: AVanHaitsma Interval - Start Time: 5/17/2017 10:00:00 PM Stop Time: 5/25/2017 10:00:00 AM										
6/1/2017 14:45	Log Download - Used Battery: 6% Used Memory: 10% User Name: WMassoll Interval - Start Time: 4/30/2017 10:00:00 PM Stop Time: 6/1/2017 1:15:00 PM										
6/1/2017 14:46	Log Download - Used Battery: 6% Used Memory: 10% User Name: WMassoll Interval - Start Time: 4/30/2017 10:00:00 PM Stop Time: 6/1/2017 3:15:00 PM										
6/8/2017 8:14	Log Download - Used Battery: 6% Used Memory: 12% User Name: WMassoll Interval - Start Time: 5/31/2017 10:00:00 PM Stop Time: 6/8/2017 9:20:00 PM										
6/15/2017 13:24	Log Download - Used Battery: 7% Used Memory: 12% User Name: AVanHaitsma Interval - Start Time: 6/7/2017 10:00:00 PM Stop Time: 6/15/2017 1:15:00 PM										
6/15/2017 13:26	Log Download - Used Battery: 7% Used Memory: 12% User Name: AVanHaitsma Interval - Start Time: 6/7/2017 10:00:00 PM Stop Time: 6/15/2017 2:15:00 PM										
6/22/2017 7:23	Log Download - Used Battery: 7% Used Memory: 14% User Name: AVanHaitsma Interval - Start Time: 6/14/2017 10:00:00 PM Stop Time: 6/22/2017 8:15:00 AM										
6/29/2017 7:50	Log Download - Used Battery: 7% Used Memory: 14% User Name: WMassoll Interval - Start Time: 6/21/2017 10:00:00 PM Stop Time: 6/29/2017 8:15:00 PM										
7/6/2017 7:09	Log Download - Used Battery: 8% Used Memory: 15% User Name: AVanHaitsma Interval - Start Time: 5/31/2017 10:00:00 PM Stop Time: 7/6/2017 8:00:00 AM										
7/13/2017 10:08	Log Download - Used Battery: 8% Used Memory: 15% User Name: WMassoll Interval - Start Time: 7/5/2017 10:00:00 PM Stop Time: 7/13/2017 4:00:00 PM										
7/13/2017 10:10	Log Download - Used Battery: 8% Used Memory: 15% User Name: WMassoll Interval - Start Time: 7/5/2017 10:00:00 PM Stop Time: 7/13/2017 10:00:00 AM										
7/20/2017 9:15	Log Download - Used Battery: 9% Used Memory: 17% User Name: WMassoll Interval - Start Time: 7/12/2017 10:00:00 PM Stop Time: 7/20/2017 6:45:00 PM										
7/27/2017 11:05	Log Download - Used Battery: 9% Used Memory: 17% User Name: AVanHaitsma Interval - Start Time: 7/19/2017 10:00:00 PM Stop Time: 7/27/2017 12:00:00 PM										
8/3/2017 11:47	Log Download - Used Battery: 9% Used Memory: 18% User Name: AVanHaitsma Interval - Start Time: 8/2/2017 10:00:00 PM Stop Time: 8/3/2017 12:45:00 PM										
8/10/2017 8:03	Log Download - Used Battery: 10% Used Memory: 18% User Name: WMassoll Interval - Start Time: 8/2/2017 10:00:00 PM Stop Time: 8/10/2017 6:15:00 PM										
8/17/2017 11:01	Log Download - Used Battery: 10% Used Memory: 20% User Name: AVanHaitsma Interval - Start Time: 8/9/2017 10:00:00 PM Stop Time: 8/17/2017 12:00:00 PM										
8/24/2017 13:29	Log Download - Used Battery: 10% Used Memory: 21% User Name: AVanHaitsma Interval - Start Time: 8/16/2017 10:00:00 PM Stop Time: 8/24/2017 2:15:00 PM										
9/1/2017 10:04	Log Download - Used Battery: 11% Used Memory: 21% User Name: WMassoll Interval - Start Time: 7/31/2017 10:00:00 PM Stop Time: 9/1/2017 6:30:00 PM										
9/7/2017 11:21	Log Download - Used Battery: 11% Used Memory: 23% User Name: WMassoll Interval - Start Time: 8/31/2017 10:00:00 PM Stop Time: 9/7/2017 6:30:00 PM										
9/14/2017 12:52	Log Download - Used Battery: 11% Used Memory: 23% User Name: AVanHaitsma Interval - Start Time: 9/6/2017 10:00:00 PM Stop Time: 9/14/2017 1:45:00 PM										
9/21/2017 12:07	Log Download - Used Battery: 12% Used Memory: 25% User Name: AVanHaitsma Interval - Start Time: 9/13/2017 10:00:00 PM Stop Time: 9/21/2017 1:00:00 PM										
9/28/2017 9:55	Log Download - Used Battery: 12% Used Memory: 25% User Name: WMassoll Interval - Start Time: 9/20/2017 10:00:00 PM Stop Time: 9/28/2017 5:45:00 PM										
10/5/2017 11:30	Log Download - Used Battery: 13% Used Memory: 26% User Name: WMassoll Interval - Start Time: 8/31/2017 10:00:00 PM Stop Time: 10/5/2017 1:30:00 PM										
10/9/2017 9:46	User Note: "Pressure & Level adjusted by baro data from: "MPWSP Barotroll_2017-10-05_19-08-59-078.wsl""										
Log Data:											
Record Count	3319										
Sensors											
	2										
	1										
	498998 PCTD 30 PSIA (10.9m/35.8ft)										
	2										
	0 Baro-Adjustment Calc										
Time Zone: Pacific Daylight Time											
Sensor: PCTD(A) 35.8ft											
SNW: 498998											
Corrected											
Pressure (PSI)											
Sensor: PCTD(A) 35.8ft											
SNW: 498998											
Corrected											
Temperature (C)											
Sensor: PCTD(A) 35.8ft											
SNW: 498998											
Corrected											
Depth (ft)											
Sensor: PCTD(A) 35.8ft											
SNW: 498998											
Corrected											
Actual Conductivity (µS/cm)											
Sensor: PCTD(A) 35.8ft											
SNW: 498998											
Corrected											
Specific Conductivity (µS/cm)											
Sensor: PCTD(A) 35.8ft											
SNW: 498998											
Corrected											
Salinity (PSU)											
Sensor: PCTD(A) 35.8ft											
SNW: 498998											
Corrected											
Total Dissolved Solids (ppt)											
Sensor: PCTD(A) 35.8ft											
SNW: 498998											
Corrected											
Resistivity (ohm-cm)											
Sensor: PCTD(A) 35.8ft											
SNW: 498998											
Corrected											
Water Density (g/cm3)											
Sensor: PCTD(A) 35.8ft											
SNW: 498998											
Corrected											
Barometric Pressure (PSI)											
Sensor: Baro-Adj Calc											
SNW: 000000											
Corrected											
Date and Time	Elapsed Time Seconds	Sensor: PCTD(A) 35.8ft SNW: 498998 Corrected Pressure (PSI)	Sensor: PCTD(A) 35.8ft SNW: 498998 Corrected Temperature (C)	Sensor: PCTD(A) 35.8ft SNW: 498998 Corrected Depth (ft)	Sensor: PCTD(A) 35.8ft SNW: 498998 Corrected Actual Conductivity (µS/cm)	Sensor: PCTD(A) 35.8ft SNW: 498998 Corrected Specific Conductivity (µS/cm)	Sensor: PCTD(A) 35.8ft SNW: 498998 Corrected Salinity (PSU)	Sensor: PCTD(A) 35.8ft SNW: 498998 Corrected Total Dissolved Solids (ppt)	Sensor: PCTD(A) 35.8ft SNW: 498998 Corrected Resistivity (ohm-cm)	Sensor: PCTD(A) 35.8ft SNW: 498998 Corrected Water Density (g/cm3)	Sensor: Baro-Adj Calc SNW: 000000 Corrected Barometric Pressure (PSI)
9/28/2017 0:00		2340000	11.913	16.99	27.506	1861.446	2197.684	1.136	537.217	1.494	14.692
9/28/2017 0:15		2340900	11.912	16.989	27.505	1861.659	2197.97	1.136	537.155	1.495	14.693
9/28/2017 0:30		2341800	11.905	16.99	27.488	1861.433	2197.678	1.136	537.22	1.494	14.699
9/28/2017 0:45		2342700	11.91	16.99	27.5	1861.656	2197.967	1.136	537.156	1.495	14.694
9/28/2017 1:00		2343600	11.91	16.991	27.5	1861.526	2197.736	1.136	537.194	1.494	14.694
9/28/2017 1:15		2344500	11.91	16.99	27.499	1861.68	2197.952	1.136	537.149	1.495	14.695
9/28/2017 1:30		2345400	11.912	16.991	27.504	1861.847	2198.098	1.136	537.101	1.495	14.692
9/28/2017 1:45		2346300	11.915	16.989	27.512	1861.933	2198.272	1.136	537.076	1.495	14.687
9/28/2017 2:00		2347200	11.92	16.989	27.522	1862.064	2198.437	1.136	537.038	1.495	14.683
9/28/2017 2:15		2348100	11.912	16.989	27.487	1862.239	2198.674	1.136	536.977	1.495	14.684
9/28/2017 2:30		2349000	11.911	16.99	27.503	1862.15	2198.503	1.136	537.014	1.495	14.693
9/28/2017 2:45		2349900	11.915	16.989	27.512	1862.007	2198.364	1.136	537.055	1.495	14.688
9/28/2017 3:00		2350800	11.908	16.99	27.495	1862.165	2198.538	1.136	537.009	1.495	14.693
9/28/2017 3:15		2351700	11.914	16.99	27.509	1862.422	2198.841	1.136	536.935	1.495	14.688
9/28/2017 3:30		2352600	11.914	16.989	27.51	1862.169	2198.555	1.136	537.008	1.495	14.686
9/28/2017 3:45		2353500	11.916	16.99	27.514	1862.277	2198.674	1.136	536.977	1.495	14.684
9/28/2017 4:00		2354400	11.908	16.99	27.497	1862.437	2198.829	1.136	536.931	1.495	14.691
9/28/2017 4:15		2355300	11.909	16.99	27.498	1862.559	2198.994	1.136	536.896	1.495	14.69
9/28/2017 4:30		2356200	11.907	16.991	27.494	1862.7	2199.113	1.136	536.855	1.495	14.692
9/28/2017 4:45		2357100	11.907	16.991	27.492	1862.732	2199.16	1.136	536.846	1.495	14.694
9/28/2017 5:00		2358000	11.908	16.99	27.496	1862.561	2198.993	1.136	536.895	1.495	14.694
9/28/2017 5:15		2358900	11.904	16.989	27.487	1862.739	2199.233	1.136	536.844	1.495	14.684
9/28/2017 5:30		2359800	11.921	16.989	27.526	1862.74	2199.243	1.136	536.844	1.495	14.686
9/28/2017 5:45		2360700	11.907	16.989	27.494	1862.725	2199.247	1.136	536.848	1.495	14.696
9/28/2017 6:00		2361600	11.909	16.988	27.497	1862.998	2199.608	1.137	536.769	1.496	14.696
9/28/2017 6:15		2362500	11.904	16.989	27.487	1862.824	2199.334	1.136	536.819	1.496	14.701
9/28/2017 6:30		2363400	11.906	16.989	27.491	1862.944	2199.502	1.137	536.785	1.496	14.7
9/28/2017 6:45		2364300	11.907	16.989	27.492	1863.073	2199.654	1.137	536.748	1.496	14.702
9/28/2017 7:00		2365200	11.905	16.989	27.51	1863.089	2199.58	1.137	536.767	1.496	14.694
9/28/2017 7:15		2366100	11.911	16.99	27.502	1863.214	2199.755	1.137	536.707	1.496	14.696
9/28/2017 7:30		2367000	11.908	16.99	27.495	1863.283	2199.844	1.137	536.687	1.496	14.701
9/28/2017 7:45		2367900	11.901	16.99	27.479	1863.269	2199.846	1.137	536.691	1.496	14.708
9/28/2017 8:00		2368800	11.908	16.988	27.495	1863.272	2199.924	1.137	536.69	1.496	14.701
9/28/2017 8:15		2369700	11.905	16.989	27.496	1863.151	2199.7				

9/29/2017 0:30	2428200	11914	16989	2751	1867.26	2204.592	1.139	1499	535.544	1	14705
9/29/2017 0:45	2429100	11912	16989	27505	1867.213	2204.515	1.139	1499	535.557	1	14708
9/29/2017 1:00	2430000	11905	16989	27489	1867.362	2204.695	1.139	1499	535.515	1	14717
9/29/2017 1:15	2430900	1191	16989	27499	1867.578	2204.968	1.14	1499	535.453	1	1471
9/29/2017 1:30	2431800	11907	16989	27492	1867.506	2204.853	1.139	1499	535.474	1	14714
9/29/2017 1:45	2432700	11907	1699	27494	1867.513	2204.894	1.139	1499	535.471	1	14712
9/29/2017 2:00	2433600	11906	16991	27491	1867.591	2204.529	1.139	1499	535.535	1	14714
9/29/2017 2:15	2434500	1191	1699	27501	1867.573	2204.905	1.14	1499	535.454	1	14711
9/29/2017 2:30	2435400	11912	1699	27503	1867.694	2205.069	1.14	1499	535.42	1	14709
9/29/2017 2:45	2436300	11909	16988	27498	1867.612	2205.025	1.14	1499	535.443	1	14713
9/29/2017 3:00	2437200	11917	16988	27515	1867.632	2205.048	1.14	1499	535.437	1	14709
9/29/2017 3:15	2438100	11909	16989	27496	1867.498	2204.822	1.139	1499	535.476	1	14712
9/29/2017 3:30	2439000	11907	16989	27493	1867.731	2205.075	1.14	1499	535.409	1	14716
9/29/2017 3:45	2439900	11909	16989	27498	1868.07	2205.519	1.14	1.5	535.312	1	14713
9/29/2017 4:00	2440800	1191	1699	27501	1868.193	2205.646	1.14	1.5	535.277	1	14712
9/29/2017 4:15	2441700	11907	16989	27493	1868.18	2205.669	1.14	1.5	535.28	1	14716
9/29/2017 4:30	2442600	11906	16989	2749	1868.184	2205.665	1.14	1.5	535.279	1	14717
9/29/2017 4:45	2443500	11911	1699	27502	1868.066	2205.478	1.14	1.5	535.313	1	14712
9/29/2017 5:00	2444400	11912	16989	27503	1868.052	2205.497	1.14	1.5	535.317	1	14711
9/29/2017 5:15	2445300	11912	16989	27505	1868.281	2205.802	1.14	1.5	535.251	1	14715
9/29/2017 5:30	2446200	11908	16989	27496	1868.058	2205.508	1.14	1.5	535.315	1	14713
9/29/2017 5:45	2447100	11914	1699	27509	1868.53	2206.056	1.14	1.5	535.18	1	14709
9/29/2017 6:00	2448000	11907	16989	27492	1868.609	2206.158	1.14	1.5	535.158	1	14715
9/29/2017 6:15	2448900	11905	1699	27489	1868.635	2206.164	1.14	1.5	535.15	1	14718
9/29/2017 6:30	2449800	11907	1699	27494	1868.517	2206.004	1.14	1.5	535.184	1	14718
9/29/2017 6:45	2450700	11912	1699	27505	1868.301	2205.752	1.14	1.5	535.246	1	14714
9/29/2017 7:00	2451600	11908	1699	27494	1868.292	2205.771	1.14	1.5	535.248	1	14717
9/29/2017 7:15	2452500	11911	1699	27503	1868.702	2206.216	1.14	1.5	535.131	1	14715
9/29/2017 7:30	2453400	11913	1699	27508	1869.003	2206.576	1.14	1.5	535.045	1	14709
9/29/2017 7:45	2454300	11898	1699	27473	1869.028	2206.601	1.14	1.5	535.037	1	14727
9/29/2017 8:00	2455200	11904	16989	27487	1869.905	2206.478	1.14	1.5	535.073	1	14727
9/29/2017 8:15	2456100	11903	1699	27483	1868.933	2206.493	1.14	1.5	535.065	1	14731
9/29/2017 8:30	2457000	11905	1699	27489	1868.984	2206.58	1.14	1.5	535.05	1	1473
9/29/2017 8:45	2457900	11902	1699	27481	1868.867	2206.42	1.14	1.5	535.033	1	14735
9/29/2017 9:00	2458800	11908	1699	27496	1869.049	2206.64	1.14	1.501	535.031	1	14729
9/29/2017 9:15	2459700	11907	1699	27493	1869.097	2206.692	1.14	1.501	535.018	1	1473
9/29/2017 9:30	2460600	1191	1699	275	1869.592	2206.979	1.14	1.5	535.051	1	14731
9/29/2017 9:45	2461500	11906	16989	2749	1869.277	2206.97	1.141	1.501	534.966	1	14729
9/29/2017 10:00	2462400	11909	16989	27498	1869.263	2206.944	1.141	1.501	534.97	1	14724
9/29/2017 10:15	2463300	11906	1699	2749	1869.311	2206.944	1.141	1.501	534.957	1	14725
9/29/2017 10:30	2464200	11911	1699	27502	1869.532	2207.227	1.141	1.501	534.893	1	14732
9/29/2017 10:45	2465100	11897	1699	2747	1869.587	2207.261	1.141	1.501	534.878	1	14732
9/29/2017 11:00	2466000	11904	16989	27462	1869.564	2207.251	1.141	1.501	534.884	1	14737
9/29/2017 11:15	2466900	11902	1699	27482	1869.625	2207.346	1.141	1.501	534.867	1	14731
9/29/2017 11:30	2467800	11901	16989	27479	1869.699	2207.477	1.141	1.501	534.845	1	14733
9/29/2017 11:45	2468700	11902	16989	27482	1869.845	2207.617	1.141	1.501	534.804	1	14733
9/29/2017 12:00	2469600	11901	16989	27479	1869.821	2207.586	1.141	1.501	534.81	1	14734
9/29/2017 12:15	2470500	11896	16989	27469	1869.765	2207.528	1.141	1.501	534.827	1	14737
9/29/2017 12:30	2471400	11909	1699	27498	1869.851	2207.607	1.141	1.501	534.799	1	14729
9/29/2017 12:45	2472300	11905	1699	27489	1869.679	2207.401	1.141	1.501	534.851	1	14725
9/29/2017 13:00	2473200	11906	1699	2749	1869.781	2207.503	1.141	1.501	534.822	1	14723
9/29/2017 13:15	2474100	11908	16991	27494	1870.113	2207.875	1.141	1.501	534.727	1	14721
9/29/2017 13:30	2475000	119	1699	27476	1869.879	2207.64	1.141	1.501	534.794	1	14729
9/29/2017 13:45	2475900	11907	16989	27493	1870.052	2207.867	1.141	1.501	534.745	1	14724
9/29/2017 14:00	2476800	119	16989	27476	1869.94	2207.726	1.141	1.501	534.776	1	14733
9/29/2017 14:15	2477700	119	16989	27476	1869.98	2207.667	1.141	1.501	534.794	1	14732
9/29/2017 14:30	2478600	11903	16988	27484	1870.15	2208.026	1.141	1.501	534.717	1	14729
9/29/2017 14:45	2479500	11904	16988	27486	1870.128	2208	1.141	1.501	534.723	1	14726
9/29/2017 15:00	2480400	11906	16989	2749	1870.032	2207.856	1.141	1.501	534.75	1	14724
9/29/2017 15:15	2481300	11909	16989	27497	1870.108	2207.937	1.141	1.501	534.729	1	1472
9/29/2017 15:30	2482200	11907	16989	27493	1870.147	2207.997	1.141	1.501	534.717	1	14721
9/29/2017 15:45	2483100	11911	16989	27502	1870.305	2208.175	1.141	1.502	534.672	1	14718
9/29/2017 16:00	2484000	11909	16989	27498	1870.222	2208.081	1.141	1.501	534.696	1	14716
9/29/2017 16:15	2484900	11912	16989	27504	1870.14	2207.971	1.141	1.501	534.719	1	14713
9/29/2017 16:30	2485800	11913	1699	27507	1870.397	2208.248	1.141	1.502	534.646	1	14711
9/29/2017 16:45	2486700	11908	16989	27496	1870.545	2208.467	1.141	1.502	534.603	1	14715
9/29/2017 17:00	2487600	11905	16989	27488	1870.463	2208.352	1.141	1.502	534.627	1	14717
9/29/2017 17:15	2488500	11914	16989	2751	1870.53	2208.467	1.141	1.502	534.608	1	14708
9/29/2017 17:30	2489400	11908	16989	27495	1870.633	2208.574	1.142	1.502	534.578	1	14713
9/29/2017 17:45	2490300	11911	1699	27503	1870.445	2208.318	1.141	1.502	534.632	1	14709
9/29/2017 18:00	2491200	11915	16989	27511	1870.605	2208.541	1.141	1.502	534.586	1	14707
9/29/2017 18:15	2492100	11908	16989	27496	1871.014	2209.002	1.142	1.502	534.47	1	14712
9/29/2017 18:30	2493000	11918	1699	27517	1870.927	2208.874	1.142	1.502	534.494	1	14702
9/29/2017 18:45	2493900	11907	16989	27492	1870.966	2208.92	1.142	1.502	534.483	1	14713
9/29/2017 19:00	2494800	11914	1699	2751	1871.051	2208.999	1.142	1.502	534.459	1	14707
9/29/2017 19:15	2495700	11912	1699	27505	1870.995	2208.945	1.142	1.502	534.475	1	14709
9/29/2017 19:30	2496600	11912	1699	27504	1871.16	2209.123	1.142	1.502	534.428	1	1471
9/29/2017 19:45	2497500	11912	16991	27506	1871.379	2209.364	1.142	1.502	534.365	1	14711
9/29/2017 20:00	2498400	11912	1699	27506	1871.563	2209.594	1.142	1.503	534.313	1	14709
9/29/2017 20:15	2499300	1191	16989	27499	1871.342	2209.339	1.142	1.503	534.376	1	14715
9/29/2017 20:30	2500200	11908	1699	27495	1871.325	2209.327	1.142	1.502	534.381	1	14712
9/29/2017 20:45	2501100	11908	1699	27495	1871.601	2209.661	1.142	1.503	534.302	1	14713
9/29/2017 21:00	2502000	11909	16991	27498	1871.562	2209.553	1.142	1.502	534.313	1	14713
9/29/2017 21:15	2502900	11904	1699	27486	1871.525	2209.558	1.142	1.502	534.324	1	1472
9/29/2017 21:30	2503800	11898	1699	27471	1871.499	2209.544	1.142	1.502	534.331	1	14727
9/29/2017 21:45	2504700	1191	16989	27499	1871.53	2209.607	1.142	1.503	534.322	1	14728
9/29/2017 22:00	2505600	11907	1699	27492	1871.455	2209.506	1.142	1.502	534.344	1	1472
9/29/2017 22:15	2506500	11903	16989	27484	1871.6	2209.69	1.142	1.503	534.302	1	14724
9/29/2017 22:30	2507400	11903	1699	27484	1871.711	2209.8	1.142	1.503	534.27	1	14724
9/29/2017 22:45	2508300	11902	1699	27482	1871.747	2209.837	1.142	1.503	534.26	1	1

10/1/2017 5:15	2618100	11907	16988	27492	1876897	2215993	1146	1507	532794	1	14695
10/1/2017 5:30	2619000	11905	16988	27489	187694	2216048	1146	1507	532782	1	14699
10/1/2017 5:45	2619900	11916	16988	27513	1876975	2216115	1146	1507	532772	1	14687
10/1/2017 6:00	2620800	1191	16988	275	1876948	2216096	1146	1507	53278	1	14695
10/1/2017 6:15	2621700	11912	16987	27504	1877113	2216303	1146	1507	532733	1	14693
10/1/2017 6:30	2622600	11987	16987	27513	1877099	2216284	1146	1507	532737	1	1469
10/1/2017 6:45	2623500	11913	16988	27502	1876988	2216324	1145	1507	532644	1	14696
10/1/2017 7:00	2624400	11903	16987	27485	1876899	2216048	1146	1507	532794	1	14705
10/1/2017 7:15	2625300	11906	16988	27491	187705	2216208	1146	1507	532751	1	14704
10/1/2017 7:30	2626200	11911	16988	27503	1877094	2216234	1146	1507	532738	1	147
10/1/2017 7:45	2627100	11909	16988	27498	1877225	2216415	1146	1507	532701	1	14703
10/1/2017 8:00	2628000	1191	16988	275	1876983	2216134	1146	1507	53277	1	14703
10/1/2017 8:15	2628900	11907	16988	27493	1876938	2216067	1146	1507	532783	1	14706
10/1/2017 8:30	2629800	11902	16987	27482	1876835	2215972	1146	1507	532812	1	14713
10/1/2017 8:45	2630700	11903	16987	27484	1877271	2216482	1146	1507	532688	1	14711
10/1/2017 9:00	2631600	11912	16988	27504	1877277	2216485	1146	1507	532686	1	14703
10/1/2017 9:15	2632500	1191	16987	275	1877209	2216409	1146	1507	532706	1	14705
10/1/2017 9:30	2633400	1191	16987	27501	1877278	2216525	1146	1507	532686	1	14705
10/1/2017 9:45	2634300	11909	16987	27497	1877256	2216469	1146	1507	532692	1	14707
10/1/2017 10:00	2635200	11907	16987	27494	1877258	2216506	1146	1507	532692	1	14707
10/1/2017 10:15	2636100	11912	16987	27505	1877502	2216763	1146	1507	532623	1	147
10/1/2017 10:30	2637000	11909	16988	27498	1877698	2216974	1146	1508	532567	1	14703
10/1/2017 10:45	2637900	11908	16987	27496	1877727	2217052	1146	1508	532559	1	14702
10/1/2017 11:00	2638800	11911	16987	27503	1877472	2216742	1146	1507	532631	1	14695
10/1/2017 11:15	2639700	11915	16987	27512	1877561	2216837	1146	1507	532606	1	14691
10/1/2017 11:30	2640600	11908	16987	27495	1877739	221663	1146	1507	532655	1	14695
10/1/2017 11:45	2641500	11909	16988	27496	1877491	2216703	1146	1507	532626	1	14693
10/1/2017 12:00	2642400	11906	16988	27491	1877487	2216729	1146	1507	532627	1	14695
10/1/2017 12:15	2643300	11905	16987	27489	1877278	2216516	1146	1507	532686	1	14695
10/1/2017 12:30	2644200	11907	16987	27492	1877305	2216557	1146	1507	532678	1	14694
10/1/2017 12:45	2645100	11912	16988	27524	1877427	2216657	1146	1507	532644	1	14692
10/1/2017 13:00	2646000	11908	16988	27496	1877554	2216808	1146	1507	532608	1	1469
10/1/2017 13:15	2646900	11906	16988	27491	1877518	2216738	1146	1507	532618	1	1469
10/1/2017 13:30	2647800	11914	16988	27509	187816	2217505	1146	1508	532436	1	14681
10/1/2017 13:45	2648700	11912	16988	27505	1877608	2216867	1146	1507	532593	1	14681
10/1/2017 14:00	2649600	11913	16987	27506	187774	2217049	1146	1508	532555	1	14679
10/1/2017 14:15	2650500	11918	16987	27517	1877894	2217261	1146	1508	532511	1	14671
10/1/2017 14:30	2651400	11914	16987	27509	1877893	2217221	1146	1508	532512	1	14673
10/1/2017 14:45	2652300	11916	16987	27515	1877789	2217239	1146	1508	532513	1	1467
10/1/2017 15:00	2653200	11917	16988	27517	1877816	2217095	1146	1508	532534	1	14666
10/1/2017 15:15	2654100	11926	16988	27536	1877774	2217059	1146	1508	532545	1	14655
10/1/2017 15:30	2655000	11919	16988	27522	1877937	2217242	1146	1508	532499	1	14659
10/1/2017 15:45	2655900	1192	16988	27521	1877788	2217197	1146	1508	532515	1	14658
10/1/2017 16:00	2656800	11924	16988	27532	1877993	2217322	1146	1508	532483	1	1465
10/1/2017 16:15	2657700	11921	16988	27526	1878199	2217573	1146	1508	532425	1	14652
10/1/2017 16:30	2658600	11917	16988	27517	187827	2217635	1146	1508	532405	1	14651
10/1/2017 16:45	2659500	11912	16988	27504	1878142	2217471	1146	1508	532441	1	14656
10/1/2017 17:00	2660400	11918	16988	27517	1878189	2217531	1146	1508	532428	1	14649
10/1/2017 17:15	2661300	11919	16988	27519	1878142	2217812	1147	1508	532362	1	14646
10/1/2017 17:30	2662200	11915	16988	27511	1878494	2217917	1147	1508	532341	1	14648
10/1/2017 17:45	2663100	11919	16987	27521	1878417	2217853	1147	1508	532363	1	14642
10/1/2017 18:00	2664000	11917	16987	27515	1878426	2217876	1147	1508	532361	1	14644
10/1/2017 18:15	2664900	11916	16988	27513	1878466	2217875	1147	1508	532349	1	14647
10/1/2017 18:30	2665800	11918	16987	27519	1878285	2217679	1146	1508	532401	1	14645
10/1/2017 18:45	2666700	1192	16988	27523	1878463	2217845	1147	1508	53235	1	14644
10/1/2017 19:00	2667600	11912	16988	27504	187839	2217777	1147	1508	532371	1	14654
10/1/2017 19:15	2668500	11914	16988	27508	1878522	221792	1147	1508	532333	1	14653
10/1/2017 19:30	2669400	11912	16988	27505	1878793	2218257	1147	1508	532257	1	14655
10/1/2017 19:45	2670300	11919	16988	27519	1878744	2218217	1147	1508	532271	1	14647
10/1/2017 20:00	2671200	11919	16986	27521	1878655	2218165	1147	1508	532296	1	14646
10/1/2017 20:15	2672100	11914	16986	27508	1878571	2218086	1147	1508	53232	1	14652
10/1/2017 20:30	2673000	11916	16986	27514	1878461	2217944	1147	1508	532351	1	1465
10/1/2017 20:45	2673900	11918	16986	27519	1878817	2218356	1147	1508	53235	1	14648
10/1/2017 21:00	2674800	11916	16986	27513	1878927	2218503	1147	1509	532219	1	14651
10/1/2017 21:15	2675700	11921	16987	27524	1878638	221814	1147	1508	5323	1	14646
10/1/2017 21:30	2676600	1192	16987	27524	187893	2218467	1147	1509	532218	1	14647
10/1/2017 21:45	2677500	11917	16987	27516	187862	2218105	1147	1508	532306	1	1465
10/1/2017 22:00	2678400	11919	16986	27521	1878839	2218323	1147	1508	532243	1	14645
10/1/2017 22:15	2679300	11918	16987	27517	1878944	2218491	1147	1509	532214	1	14646
10/1/2017 22:30	2680200	11913	16987	27508	1878995	2218543	1147	1509	532199	1	14649
10/1/2017 22:45	2681100	11918	16987	27519	1879271	2218861	1147	1509	532121	1	14642
10/1/2017 23:00	2682000	11913	16987	27508	1879084	2218649	1147	1509	532174	1	14647
10/1/2017 23:15	2682900	1192	16987	27523	187927	2218865	1147	1509	532121	1	14639
10/1/2017 23:30	2683800	11916	16986	27514	1878974	2218515	1147	1509	532205	1	14657
10/1/2017 23:45	2684700	1192	16986	27524	1879185	2218808	1147	1509	532145	1	14637
10/2/2017 0:00	2685600	1192	16986	27522	187943	2219101	1147	1509	532076	1	14637
10/2/2017 0:15	2686500	11917	16986	27516	1879034	2218634	1147	1509	532188	1	14641
10/2/2017 0:30	2687400	11921	16986	27525	1879147	2218759	1147	1509	532156	1	14642
10/2/2017 0:45	2688300	1191	16986	27499	1879025	2218614	1147	1509	532191	1	14649
10/2/2017 1:00	2689200	11924	16987	27523	1879274	2218881	1147	1509	53212	1	14634
10/2/2017 1:15	2690100	1192	16986	27522	1879034	2218616	1147	1509	532188	1	14639
10/2/2017 1:30	2691000	1192	16987	27523	1879032	2218578	1147	1509	532189	1	14637
10/2/2017 1:45	2691900	11916	16987	27513	1879053	2218604	1147	1509	532183	1	14641
10/2/2017 2:00	2692800	1192	16987	27523	1879427	2219045	1147	1509	532077	1	14638
10/2/2017 2:15	2693700	11916	16987	27513	1879564	2219207	1147	1509	532038	1	14641
10/2/2017 2:30	2694600	11915	16987	27511	1879056	2218612	1147	1509	532162	1	14643
10/2/2017 2:45	2695500	11917	16987	27517	1879453	2219071	1147	1509	53207	1	14641
10/2/2017 3:00	2696400	11918	16987	27518	1879584	2219227	1147	1509	532033	1	14639
10/2/2017 3:15	2697300	11914	16987	2751	1879456	2219105	1147	1509	532069	1	14641
10/2/2017 3:30	2698200	11918	16987	27518	1879565	2219208	1147	1509	532038	1	14637
10/2/2017 3:45	2699100	11921	16987	27525	1879337	2219534	1147	1509	531961	1	14636
10/2/2017 4:00	2700000	1192	16986	27523	1879378	2219018	1147	1509	53199	1	14635
10/2/2017 4:15	2700900										

10/3/2017 10:00	2808000	11.906	16.985	27.49	1883.152	2223.527	1.15	1.512	531.025	1	14.653
10/3/2017 10:15	2808900	11.906	16.986	27.49	1883.522	2223.928	1.15	1.512	530.92	1	14.654
10/3/2017 10:30	2809800	11.902	16.985	27.48	1883.312	2223.716	1.15	1.512	530.98	1	14.659
10/3/2017 10:45	2810700	11.897	16.986	27.47	1883.35	2223.72	1.15	1.512	530.969	1	14.664
10/3/2017 11:00	2811600	11.903	16.986	27.483	1883.404	2223.789	1.15	1.512	530.954	1	14.661
10/3/2017 11:15	2812500	11.912	16.986	27.504	1883.481	2223.889	1.15	1.512	530.932	1	14.654
10/3/2017 11:30	2813400	11.907	16.986	27.492	1885.449	2226.19	1.151	1.514	530.378	1	14.658
10/3/2017 11:45	2814300	11.903	16.986	27.483	1883.576	2224.001	1.15	1.512	530.905	1	14.663
10/3/2017 12:00	2815200	11.91	16.986	27.5	1883.515	2223.933	1.15	1.512	530.922	1	14.656
10/3/2017 12:15	2816100	11.908	16.986	27.495	1883.657	2224.115	1.15	1.512	530.882	1	14.659
10/3/2017 12:30	2817000	11.905	16.986	27.489	1883.825	2224.282	1.15	1.513	530.835	1	14.663
10/3/2017 12:45	2817900	11.906	16.986	27.49	1883.68	2224.142	1.15	1.512	530.876	1	14.662
10/3/2017 13:00	2818800	11.902	16.986	27.48	1883.539	2223.975	1.15	1.512	530.916	1	14.667
10/3/2017 13:15	2819700	11.904	16.986	27.487	1883.683	2224.137	1.15	1.512	530.875	1	14.664
10/3/2017 13:30	2820600	11.899	16.985	27.473	1883.612	2224.074	1.15	1.512	530.895	1	14.67
10/3/2017 13:45	2821500	11.898	16.986	27.473	1883.743	2224.193	1.15	1.512	530.858	1	14.672
10/3/2017 14:00	2822400	11.898	16.985	27.471	1883.853	2224.355	1.15	1.513	530.827	1	14.674
10/3/2017 14:15	2823300	11.904	16.986	27.485	1883.531	2223.952	1.15	1.512	530.918	1	14.67
10/3/2017 14:30	2824200	11.897	16.986	27.47	1883.752	2224.218	1.15	1.512	530.855	1	14.678
10/3/2017 14:45	2825100	11.9	16.986	27.477	1883.63	2224.083	1.15	1.512	530.89	1	14.677
10/3/2017 15:00	2826000	11.9	16.985	27.477	1883.667	2224.157	1.15	1.512	530.879	1	14.678
10/3/2017 15:15	2826900	11.904	16.985	27.487	1883.611	2224.064	1.15	1.512	530.895	1	14.678
10/3/2017 15:30	2827800	11.891	16.986	27.457	1884.036	2224.562	1.15	1.513	530.776	1	14.69
10/3/2017 15:45	2828700	11.907	16.985	27.494	1883.957	2224.478	1.15	1.513	530.798	1	14.675
10/3/2017 16:00	2829600	11.9	16.985	27.476	1884.08	2224.618	1.15	1.513	530.763	1	14.685
10/3/2017 16:15	2830500	11.906	16.986	27.49	1883.747	2224.216	1.15	1.512	530.857	1	14.679
10/3/2017 16:30	2831400	11.902	16.985	27.481	1883.881	2224.405	1.15	1.513	530.819	1	14.683
10/3/2017 16:45	2832300	11.902	16.985	27.482	1884.016	2224.548	1.15	1.513	530.781	1	14.685
10/3/2017 17:00	2833200	11.896	16.985	27.468	1883.716	2224.188	1.15	1.512	530.866	1	14.692
10/3/2017 17:15	2834100	11.901	16.985	27.478	1883.945	2224.468	1.15	1.513	530.801	1	14.69
10/3/2017 17:30	2835000	11.907	16.986	27.494	1884.037	2224.543	1.15	1.513	530.775	1	14.685
10/3/2017 17:45	2835900	11.911	16.985	27.503	1884.328	2224.928	1.15	1.513	530.693	1	14.686
10/3/2017 18:00	2836800	11.898	16.985	27.473	1884.11	2224.676	1.15	1.513	530.755	1	14.696
10/3/2017 18:15	2837700	11.903	16.985	27.483	1884.065	2224.606	1.15	1.513	530.767	1	14.699
10/3/2017 18:30	2838600	11.902	16.985	27.481	1884.137	2224.708	1.15	1.513	530.747	1	14.698
10/3/2017 18:45	2839500	11.905	16.986	27.489	1884.082	2224.608	1.15	1.513	530.762	1	14.701
10/3/2017 19:00	2840400	11.904	16.986	27.487	1884.324	2224.902	1.15	1.513	530.694	1	14.699
10/3/2017 19:15	2841300	11.902	16.985	27.482	1884.149	2224.704	1.15	1.513	530.744	1	14.703
10/3/2017 19:30	2842200	11.901	16.985	27.478	1884.331	2224.931	1.15	1.513	530.692	1	14.706
10/3/2017 19:45	2843100	11.902	16.985	27.481	1884.359	2224.952	1.15	1.513	530.684	1	14.706
10/3/2017 20:00	2844000	11.896	16.985	27.467	1884.492	2225.113	1.15	1.513	530.647	1	14.714
10/3/2017 20:15	2844900	11.904	16.985	27.487	1884.489	2225.11	1.15	1.513	530.648	1	14.707
10/3/2017 20:30	2845800	11.897	16.986	27.47	1884.483	2225.085	1.15	1.513	530.649	1	14.717
10/3/2017 20:45	2846700	11.904	16.986	27.485	1884.337	2224.917	1.15	1.513	530.691	1	14.714
10/3/2017 21:00	2847600	11.902	16.986	27.481	1884.711	2225.346	1.151	1.513	530.585	1	14.718
10/3/2017 21:15	2848500	11.901	16.985	27.48	1884.329	2224.934	1.15	1.513	530.693	1	14.719
10/3/2017 21:30	2849400	11.903	16.985	27.484	1884.781	2225.46	1.151	1.513	530.565	1	14.719
10/3/2017 21:45	2850300	11.903	16.986	27.483	1884.075	2224.608	1.15	1.513	530.764	1	14.721
10/3/2017 22:00	2851200	11.903	16.985	27.484	1884.379	2225.084	1.15	1.513	530.679	1	14.722
10/3/2017 22:15	2852100	11.902	16.985	27.481	1884.664	2225.351	1.151	1.513	530.599	1	14.724
10/3/2017 22:30	2853000	11.897	16.985	27.469	1884.409	2225.037	1.15	1.513	530.67	1	14.731
10/3/2017 22:45	2853900	11.909	16.984	27.498	1884.722	2225.429	1.151	1.513	530.582	1	14.722
10/3/2017 23:00	2854800	11.904	16.985	27.485	1884.305	2224.932	1.15	1.513	530.7	1	14.727
10/3/2017 23:15	2855700	11.905	16.984	27.488	1884.701	2225.439	1.151	1.513	530.588	1	14.728
10/3/2017 23:30	2856600	11.902	16.984	27.481	1884.197	2224.832	1.15	1.513	530.73	1	14.732
10/3/2017 23:45	2857500	11.902	16.984	27.48	1884.567	2225.255	1.151	1.513	530.626	1	14.734
10/4/2017 0:00	2858400	11.903	16.985	27.483	1884.704	2225.395	1.151	1.513	530.587	1	14.733
10/4/2017 0:15	2859300	11.902	16.984	27.48	1884.725	2225.438	1.151	1.513	530.581	1	14.735
10/4/2017 0:30	2860200	11.907	16.984	27.493	1884.476	2225.156	1.151	1.513	530.651	1	14.73
10/4/2017 0:45	2861100	11.898	16.984	27.471	1884.73	2225.438	1.151	1.513	530.58	1	14.739
10/4/2017 1:00	2862000	11.906	16.985	27.491	1884.622	2225.292	1.151	1.513	530.61	1	14.731
10/4/2017 1:15	2862900	11.904	16.984	27.487	1884.604	2225.299	1.151	1.513	530.615	1	14.736
10/4/2017 1:30	2863800	11.903	16.984	27.485	1884.665	2225.375	1.151	1.513	530.598	1	14.737
10/4/2017 1:45	2864700	11.902	16.985	27.481	1884.589	2225.254	1.151	1.513	530.62	1	14.744
10/4/2017 2:00	2865600	11.904	16.985	27.485	1884.651	2225.341	1.151	1.513	530.602	1	14.738
10/4/2017 2:15	2866500	11.904	16.985	27.485	1884.962	2225.699	1.151	1.513	530.515	1	14.74
10/4/2017 2:30	2867400	11.906	16.985	27.491	1884.843	2225.568	1.151	1.513	530.548	1	14.739
10/4/2017 2:45	2868300	11.906	16.984	27.49	1884.79	2225.523	1.151	1.513	530.563	1	14.742
10/4/2017 3:00	2869200	11.903	16.984	27.483	1884.982	2225.78	1.151	1.514	530.509	1	14.747
10/4/2017 3:15	2870100	11.902	16.984	27.48	1884.703	2225.425	1.151	1.513	530.588	1	14.751
10/4/2017 3:30	2871000	11.902	16.984	27.481	1884.804	2225.548	1.151	1.513	530.559	1	14.75
10/4/2017 3:45	2871900	11.914	16.983	27.508	1885.059	2225.885	1.151	1.514	530.487	1	14.744
10/4/2017 4:00	2872800	11.91	16.983	27.5	1884.714	2225.477	1.151	1.513	530.584	1	14.744
10/4/2017 4:15	2873700	11.903	16.984	27.485	1885.03	2225.886	1.151	1.514	530.496	1	14.751
10/4/2017 4:30	2874600	11.909	16.984	27.499	1885.01	2225.808	1.151	1.514	530.501	1	14.745
10/4/2017 4:45	2875500	11.902	16.983	27.481	1885.114	2225.958	1.151	1.514	530.472	1	14.755
10/4/2017 5:00	2876400	11.904	16.983	27.485	1884.945	2225.75	1.151	1.514	530.519	1	14.753
10/4/2017 5:15	2877300	11.901	16.983	27.479	1885.026	2225.84	1.151	1.514	530.497	1	14.757
10/4/2017 5:30	2878200	11.904	16.984	27.487	1885.19	2226.012	1.151	1.514	530.451	1	14.754
10/4/2017 5:45	2879100	11.906	16.984	27.486	1885.382	2226.227	1.151	1.514	530.396	1	14.756
10/4/2017 6:00	2880000	11.904	16.984	27.486	1885.361	2226.219	1.151	1.514	530.402	1	14.759
10/4/2017 6:15	2880900	11.899	16.984	27.475	1885.048	2225.854	1.151	1.514	530.49	1	14.763
10/4/2017 6:30	2881800	11.901	16.984	27.479	1885.44	2226.316	1.151	1.514	530.38	1	14.763
10/4/2017 6:45	2882700	11.9	16.984	27.478	1884.934	2225.719	1.151	1.513	530.523	1	14.764
10/4/2017 7:00	2883600	11.904	16.984	27.485	1885.357	2226.205	1.151	1.514	530.404	1	14.762
10/4/2017 7:15	2884500	11.894	16.984	27.463	1885.312	2226.157	1.151	1.514	530.416	1	14.773
10/4/2017 7:30	2885400	11.897	16.984	27.469	1885.597	2226.466	1.151	1.514	530.		

Report Date: 10/9/2017 9:51
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_Append_2017-10-05_09-33-09-137-BaroMerge.wsl
Create Date 10/9/2017 9:46

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	Depth	
Specific Gravity		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		

Date: Time: Note

3/2/2016 16:38 Used Laptop - Used Battery: 0% Used Memory: 1% User Name: C\$haw
 3/2/2016 16:41 Sensor SN: 441205 C\$che Time: 1000 User Name: C\$haw
 3/2/2016 16:46 Device: Sensor SN: 441205 C\$che Time: 1000 User Name: C\$haw
 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: C\$haw

3/2/2016 16:55 Device Put Online
 3/2/2016 16:55 Sensor SN: 441205 C\$che Time: 1750 User Name: C\$haw
 3/2/2016 17:20 Load Download - Used Battery: 0% Used Memory: 1% User Name: C\$haw Interval - Start Time: 3/2/2016 4:15:00 PM Stop Time: 3/2/2016 5:15:00 PM
 3/2/2016 17:22 Load Download - Used Battery: 0% Used Memory: 1% User Name: C\$haw Interval - Start Time: 3/2/2016 5:15:00 PM Stop Time: 3/2/2016 6:15:00 PM
 3/2/2016 11:51 Load Download - Used Battery: 0% Used Memory: 1% User Name: Skuiper Interval - Start Time: 1/31/2016 12:00:01 AM Stop Time: 3/2/2016 12:45:00 PM
 3/10/2016 7:39 Load Download - Used Battery: 1% Used Memory: 1% User Name: K\$Makar
 3/17/2016 13:42 Load 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 2:00:00 PM
 3/24/2016 9:43 Load Download - Used Battery: 2% Used Memory: 3% User Name: K\$Makar Interval - Start Time: 3/15/2016 12:00:00 PM Stop Time: 3/24/2016 9:45:00 AM
 3/23/2016 11:40 Load Download - Used Battery: 2% Used Memory: 4% User Name: Skuiper Interval - Start Time: 3/23/2016 11:40:00 PM Stop Time: 3/23/2016 12:30:00 PM
 4/7/2016 10:42 Load Download - Used Battery: 2% Used Memory: 4% User Name: K\$Makar Interval - Start Time: 3/29/2016 5:00:00 PM Stop Time: 4/7/2016 10:45:00 AM
 4/14/2016 8:52 Load 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 8:50:00 AM
 4/21/2016 9:43 Load 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 Load Download - Used Battery: 4% Used Memory: 7% User Name: K\$Makar Interval - Start Time: 4/19/2016 5:00:00 PM Stop Time: 4/28/2016 10:15:00 AM
 5/5/2016 8:24 Load 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 Load 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 Load 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 Load 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 Load 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 Load Download - Used Battery: 6% Used Memory: 12% User Name: C\$haw Interval - Start Time: 5/31/2016 5:00:00 AM Stop Time: 6/9/2016 9:30:00 AM
 6/16/2016 10:04 Load 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 Load 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 Load Download - Used Battery: 6% Used Memory: 15% User Name: Skuiper Interval - Start Time: 5/31/2016 10:00:00 PM Stop Time: 7/1/2016 11:15:00 AM
 7/8/2016 11:06 Load 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 Load Download - Used Battery: 8% Used Memory: 17% User Name: Elinden Interval - Start Time: 7/3/2016 12:00:00 PM Stop Time: 7/14/2016 5:00:00 PM
 7/21/2016 16:36 Load 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 6:40:00 PM
 7/28/2016 17:24 Load 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 Load Download - Used Battery: 9% Used Memory: 18% User Name: Skuiper Interval - Start Time: 6/30/2016 10:00:00 PM Stop Time: 8/4/2016 9:00:00 PM
 8/11/2016 11:13 Load Download - Used Battery: 9% Used Memory: 20% User Name: Elinden Interval - Start Time: 8/1/2016 12:00:00 PM Stop Time: 8/11/2016 12:45:00 PM
 8/18/2016 14:35 Load 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 Load 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 Load 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 Load 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 Load Download - Used Battery: 11% Used Memory: 23% User Name: A\$Norris Interval - Start Time: 9/7/2016 10:00:00 PM Stop Time: 9/15/2016 1:45:00 PM
 9/22/2016 10:58 Load Download - Used Battery: 11% Used Memory: 25% User Name: A\$Norris Interval - Start Time: 9/14/2016 10:00:00 PM Stop Time: 9/22/2016 11:45:00 AM
 10/1/2016 9:57 Load Download - Used Battery: 12% Used Memory: 26% User Name: A\$Norris Interval - Start Time: 9/1/2016 10:00:00 PM Stop Time: 10/1/2016 10:45:00 AM
 10/7/2016 16:10 Load 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 Load 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 Load 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 Load 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 14:59 Load 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 3:00:00 PM
 11/10/2016 16:31 Load 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 Load Download - Used Battery: 14% Used Memory: 31% User Name: Skuiper Interval - Start Time: 11/2/2016 10:00:00 PM Stop Time: 11/17/2016 2:45:00 PM
 11/24/2016 11:13 Load Download - Used Battery: 14% Used Memory: 32% User Name: Skuiper Interval - Start Time: 11/15/2016 10:00:00 PM Stop Time: 11/24/2016 11:30:00 PM
 12/1/2016 16:01 Load 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 AM
 12/8/2016 10:31 Load Download - Used Battery: 15% Used Memory: 34% User Name: Skuiper Interval - Start Time: 11/30/2016 10:00:00 PM Stop Time: 12/8/2016 10:30:00 AM
 12/15/20

Log Data:		
Record Count	3311	
Sensors	2	
	1	441205 PCTD 300 PSIA (200.7m/658.7ft)
	2	0 Baro-Adjustment Calc

Time Zone: Pacific Daylight Time																									
Date and Time	Elapsed Time Seconds	Sensor: PCTD(A) 658.7ft SNR: 441205			Sensor: PCTD(A) 658.7ft SNR: 441205			Sensor: PCTD(A) 658.7ft SNR: 441205			Sensor: PCTD(A) 658.7ft SNR: 441205			Sensor: PCTD(A) 658.7ft SNR: 441205			Sensor: PCTD(A) 658.7ft SNR: 441205			Sensor: PCTD(A) 658.7ft SNR: 441205			Sensor: Baro-Adj Calc SNR: 000000		
		Corrected Pressure (PSI)		Temperature (C)		Depth (ft)		Actual Conductivity (µS/cm)		Specific Conductivity (µS/cm)		Salinity (PSU)		Total Dissolved Solids (ppt)		Resistivity (ohm-cm)		Water Density (g/cm3)		Barometric Pressure (PSI)					
9/28/2017 0:00		2340000		116.238		19.23	264.943	33966.121	38172.695		24.475	25.957		29.441		1.017									
9/28/2017 0:15		2340900		116.238		19.23	264.943	33960.59	38166.758		24.471	25.953		29.446		1.017									
9/28/2017 0:30		2341800		116.219		19.23	264.9	33974.488	38182.449		24.482	25.964		29.434		1.017									
9/28/2017 0:45		2342700		116.23		19.231	264.923	33966.68	38172.891		24.475	25.958		29.451		1.017									
9/28/2017 1:00		2343600		116.214		19.23	264.887	33954.957	38159.89		24.466	25.949		29.451		1.017									
9/28/2017 1:15		2344500		116.213		19.23	264.885	33961.93	38168.121		24.472	25.954		29.445		1.017									
9/28/2017 1:30		2345400		116.207		19.231	264.873	33972.5	38179.504		24.48	25.962		29.436		1.017									
9/28/2017 1:45		2346300		116.201		19.23	264.857	33962.859	38169.027		24.472	25.955		29.444		1.017									
9/28/2017 2:00		2347200		116.206		19.23	264.869	33971.969	38179.406		24.48	25.962		29.436		1.017									
9/28/2017 2:15		2348100		116.19		19.231	264.832	33968.332	38174.82		24.476	25.959		29.439		1.017									
9/28/2017 2:30		2349000		116.194		19.23	264.841	33972.25	38179.723		24.48	25.962		29.436		1.017									
9/28/2017 2:45		2349900		116.194		19.231	264.842	33939.512	38142.437		24.453	25.937		29.464		1.017									
9/28/2017 3:00		2350800		116.179		19.23	264.808	33952.809	38158.152		24.465	25.948		29.453		1.017									
9/28/2017 3:15		2351700		116.178		19.231	264.805	33963.961	38169.984		24.473	25.956		29.443		1.017									
9/28/2017 3:30		2352600		116.18		19.231	264.811	33970.539	38177.441		24.478	25.961		29.437											

9/28/2017 16:00	2397600	116.222	19.231	264.905	33987.355	38196.059	24.492	25.973	29.423	1.017	14.694
9/28/2017 16:15	2398500	116.221	19.23	264.903	33986.34	38195.91	24.491	25.973	29.424	1.017	14.695
9/28/2017 16:30	2399400	116.222	19.231	264.907	33987.211	38196.246	24.492	25.973	29.423	1.017	14.695
9/28/2017 16:45	2400300	116.233	19.231	264.93	33979.453	38187.246	24.485	25.967	29.43	1.017	14.699
9/28/2017 17:00	2401200	116.234	19.23	264.933	33987.492	38196.781	24.492	25.974	29.423	1.017	14.698
9/28/2017 17:15	2402100	116.232	19.231	264.928	33988.473	38197.027	24.492	25.974	29.422	1.017	14.697
9/28/2017 17:30	2403000	116.238	19.231	264.942	33960.691	38155.805	24.47	25.953	29.427	1.017	14.693
9/28/2017 17:45	2403900	116.236	19.231	264.939	33972.559	38179.711	24.48	25.962	29.436	1.017	14.702
9/28/2017 18:00	2404800	116.24	19.23	264.947	33995.031	38205.391	24.498	25.98	29.416	1.017	14.696
9/28/2017 18:15	2405700	116.243	19.231	264.954	33982.727	38191.273	24.488	25.97	29.427	1.017	14.693
9/28/2017 18:30	2406600	116.249	19.231	264.968	33974.082	38181.141	24.481	25.963	29.434	1.017	14.694
9/28/2017 18:45	2407500	116.248	19.231	264.965	33991.637	38201.012	24.495	25.977	29.419	1.017	14.699
9/28/2017 19:00	2408400	116.251	19.231	264.972	33977.871	38185.9616	24.484	25.966	29.431	1.017	14.696
9/28/2017 19:15	2409300	116.253	19.231	264.975	34005.363	38216.363	24.506	25.987	29.407	1.017	14.697
9/28/2017 19:30	2410200	116.247	19.231	264.964	33955.891	38160.621	24.466	25.949	29.45	1.017	14.699
9/28/2017 19:45	2411100	116.249	19.23	264.967	33971.207	38178.41	24.479	25.961	29.437	1.017	14.698
9/28/2017 20:00	2412000	116.243	19.231	264.953	33977.613	38185.109	24.484	25.966	29.431	1.017	14.7
9/28/2017 20:15	2412900	116.281	19.231	265.041	33960.969	38166.328	24.47	25.953	29.446	1.017	14.695
9/28/2017 20:30	2413800	116.245	19.23	264.959	33974.035	38182.089	24.482	25.964	29.434	1.017	14.704
9/28/2017 20:45	2414700	116.238	19.231	264.943	33960.945	38166.727	24.471	25.953	29.446	1.017	14.701
9/28/2017 21:00	2415600	116.243	19.231	264.953	33978.809	38186.23	24.485	25.967	29.43	1.017	14.707
9/28/2017 21:15	2416500	116.237	19.231	264.94	33954.004	38158.5	24.465	25.948	29.452	1.017	14.705
9/28/2017 21:30	2417400	116.238	19.231	264.942	34000.523	38211.277	24.502	25.984	29.411	1.017	14.705
9/28/2017 21:45	2418300	116.22	19.23	264.901	33973.477	38181.098	24.481	25.963	29.435	1.017	14.707
9/28/2017 22:00	2419200	116.217	19.231	264.895	33986.215	38194.918	24.491	25.973	29.424	1.017	14.704
9/28/2017 22:15	2420100	116.22	19.23	264.9	33971.055	38178.809	24.479	25.962	29.437	1.017	14.701
9/28/2017 22:30	2421000	116.212	19.23	264.882	33988.113	38197.832	24.493	25.975	29.422	1.017	14.706
9/28/2017 22:45	2421900	116.198	19.231	264.852	33969.031	38175.605	24.477	25.959	29.439	1.017	14.708
9/28/2017 23:00	2422800	116.19	19.23	264.833	33985.941	38195.539	24.491	25.973	29.424	1.017	14.709
9/28/2017 23:15	2423700	116.193	19.231	264.839	33983.691	38192.223	24.489	25.971	29.426	1.017	14.71
9/28/2017 23:30	2424600	116.181	19.23	264.813	33975.188	38183.09	24.482	25.965	29.433	1.017	14.713
9/28/2017 23:45	2425500	116.178	19.23	264.805	33955.84	38161.211	24.467	25.95	29.45	1.017	14.714
9/29/2017 0:00	2426400	116.169	19.23	264.784	33960.719	38166.973	24.471	25.954	29.446	1.017	14.713
9/29/2017 0:15	2427300	116.16	19.23	264.764	33961.086	38167.105	24.471	25.954	29.445	1.017	14.715
9/29/2017 0:30	2428200	116.157	19.23	264.758	33942.969	38146.813	24.457	25.94	29.461	1.017	14.705
9/29/2017 0:45	2429100	116.154	19.231	264.75	33959.527	38165.004	24.469	25.952	29.447	1.017	14.708
9/29/2017 1:00	2430000	116.174	19.229	264.796	33965.578	38162.896	24.468	25.951	29.449	1.017	14.719
9/29/2017 1:15	2430900	116.139	19.231	264.715	33961.535	38167.461	24.471	25.954	29.445	1.017	14.71
9/29/2017 1:30	2431800	116.136	19.23	264.71	33966.426	38173.32	24.475	25.958	29.441	1.017	14.714
9/29/2017 1:45	2432700	116.126	19.23	264.687	33983.211	38191.969	24.489	25.971	29.426	1.017	14.712
9/29/2017 2:00	2433600	116.121	19.231	264.676	33969.305	38175.77	24.477	25.96	29.438	1.017	14.714
9/29/2017 2:15	2434500	116.124	19.23	264.683	33958.676	38164.746	24.469	25.952	29.448	1.017	14.711
9/29/2017 2:30	2435400	116.124	19.23	264.649	33972.559	38179.711	24.48	25.962	29.432	1.017	14.706
9/29/2017 2:45	2436300	116.111	19.231	264.653	33952.875	38157.449	24.464	25.947	29.453	1.017	14.713
9/29/2017 3:00	2437200	116.113	19.23	264.657	33972.102	38179.836	24.48	25.962	29.436	1.017	14.709
9/29/2017 3:15	2438100	116.106	19.231	264.642	33951.945	38156.68	24.464	25.947	29.453	1.017	14.712
9/29/2017 3:30	2439000	116.097	19.23	264.62	33970.719	38178.43	24.479	25.961	29.437	1.017	14.716
9/29/2017 3:45	2439900	116.106	19.23	264.642	33992.918	38203.09	24.496	25.978	29.418	1.017	14.713
9/29/2017 4:00	2440800	116.112	19.23	264.655	33944.949	38148.965	24.459	25.941	29.459	1.017	14.712
9/29/2017 4:15	2441700	116.104	19.23	264.638	33964.039	38170.773	24.474	25.956	29.443	1.017	14.716
9/29/2017 4:30	2442600	116.131	19.231	264.699	33959.809	38165.449	24.47	25.953	29.447	1.017	14.717
9/29/2017 4:45	2443500	116.1	19.23	264.629	33969.359	38176.754	24.478	25.96	29.438	1.017	14.712
9/29/2017 5:00	2444400	116.11	19.231	264.651	33960.73	38166.418	24.47	25.953	29.446	1.017	14.711
9/29/2017 5:15	2445300	116.094	19.23	264.613	33978.594	38187.133	24.485	25.967	29.43	1.017	14.715
9/29/2017 5:30	2446200	116.106	19.231	264.641	33981.59	38189.504	24.487	25.969	29.428	1.017	14.713
9/29/2017 5:45	2447100	116.115	19.23	264.662	33971.457	38178.973	24.479	25.962	29.436	1.017	14.709
9/29/2017 6:00	2448000	116.114	19.23	264.659	33980.316	38189.141	24.487	25.969	29.429	1.017	14.715
9/29/2017 6:15	2448900	116.108	19.231	264.645	33981.355	38189.383	24.487	25.969	29.428	1.017	14.718
9/29/2017 6:30	2449800	116.117	19.23	264.666	33972.922	38180.336	24.48	25.963	29.435	1.017	14.718
9/29/2017 6:45	2450700	116.131	19.231	264.698	33981.188	38189.406	24.487	25.969	29.428	1.017	14.714
9/29/2017 7:00	2451600	116.119	19.231	264.672	33987.465	38196.398	24.492	25.974	29.423	1.017	14.717
9/29/2017 7:15	2452500	116.123	19.23	264.679	34010.371	38222.777	24.51	25.991	29.403	1.017	14.719
9/29/2017 7:30	2453400	116.136	19.23	264.709	33961.723	38167.891	24.472	25.954	29.445	1.017	14.709
9/29/2017 7:45	2454300	116.142	19.231	264.723	33981.426	38189.813	24.487	25.969	29.428	1.017	14.727
9/29/2017 8:00	2455200	116.14	19.23	264.718	33962.227	38168.887	24.472	25.955	29.444	1.017	14.727
9/29/2017 8:15	2456100	116.141	19.23	264.72	33959.992	38165.809	24.47	25.953	29.446	1.017	14.731
9/29/2017 8:30	2457000	116.147	19.231	264.734	33962.023	38167.938	24.472	25.954	29.445	1.017	14.73
9/29/2017 8:45	2457900	116.151	19.231	264.743	33988.781	38190.878	24.493	25.975	29.421	1.017	14.735
9/29/2017 9:00	2458800	116.158	19.23	264.759	33978.617	38187.02	24.485	25.967	29.43	1.017	14.729
9/29/2017 9:15	2459700	116.16	19.231	264.765	33984.887	38193.352	24.49	25.971	29.425	1.017	14.73
9/29/2017 9:30	2460600	116.16	19.231	264.765	33972.832	38180.086	24.48	25.962	29.435	1.017	14.731
9/29/2017 9:45	2461500	116.159	19.231	264.762	33986.609	38195.637	24.491	25.973	29.423	1.017	14.729
9/29/2017 10:00	2462400	116.167	19.23	264.781	33976.152	38184.387	24.483	25.965	29.432	1.017	14.724
9/29/2017 10:15	2463300	116.169	19.23	264.785	33990.902	38200.613	24.495	25.976	29.42	1.017	14.716
9/29/2017 10:30	2464200	116.182	19.231	264.814	33966.531	38172.656	24.475	25.957	29.441	1.017	14.72
9/29/2017 10:45	2465100	116.157	19.23	264.757	33978.672	38186.867	24.485	25.967	29.43	1.017	14.732
9/29/2017 11:00	2466000	116.173	19.23	264.794	33989.043	38199.023	24.494	25.975	29.421	1.017	14.737
9/29/2017 11:15	2466900	116.183	19.231	264.816	33961.613	38167.348	24.471	25.954	29.445	1.017	14.731
9/29/2017 11:30	2467800	116.166	19.23	264.777	33987.82	38197.148	24.492	25.974	29.422	1.017	14.733
9/29/2017 11:45	2468700	116.179	19.23	264.789	33965.277	38172.089	24.474	25.957	29.442	1.017	14.732
9/29/2017 12:00	2469600	116.206	19.231	264.869	33979.277	38179.277	24.485	25.967	29.43	1.017	14.734
9/29/2017 12:15	2470500	116.167	19.23	264.781	33935.871	38139.191	24.451	25.9			

9/30/2017 20:45	2587500	116.179	19.23	264.809	33985.199	38194.273	24.49	25.972	29.425	1.017	14.702
9/30/2017 21:00	2588400	116.185	19.229	264.822	33996.102	38207.176	24.499	25.981	29.415	1.017	14.703
9/30/2017 21:15	2589300	116.177	19.23	264.803	33963.219	38169.637	24.473	25.955	29.444	1.017	14.704
9/30/2017 21:30	2590200	116.189	19.231	264.831	33972.223	38179.332	24.48	25.962	29.436	1.017	14.702
9/30/2017 21:45	2591100	116.187	19.231	264.827	33978.012	38185.977	24.484	25.966	29.431	1.017	14.704
9/30/2017 22:00	2592000	116.184	19.23	264.819	33947.5	38151.906	24.46	25.943	29.457	1.017	14.702
9/30/2017 22:15	2592900	116.184	19.231	264.82	33966.053	38172.37	24.475	25.957	29.441	1.017	14.701
9/30/2017 22:30	2593800	116.179	19.23	264.807	33961.148	38167.246	24.471	25.954	29.445	1.017	14.703
9/30/2017 22:45	2594700	116.183	19.23	264.817	33964.047	38170.855	24.474	25.956	29.443	1.017	14.703
9/30/2017 23:00	2595600	116.17	19.23	264.788	33959.848	38165.645	24.47	25.953	29.447	1.017	14.703
9/30/2017 23:15	2596500	116.166	19.23	264.778	33956.477	38162.137	24.467	25.95	29.449	1.017	14.702
9/30/2017 23:30	2597400	116.168	19.23	264.783	33971.695	38179.379	24.48	25.962	29.436	1.017	14.699
9/30/2017 23:45	2598290	116.158	19.229	264.758	33980.329	38189.727	24.487	25.969	29.429	1.017	14.702
10/1/2017 0:00	2599200	116.158	19.23	264.759	33989.219	38199.223	24.494	25.975	29.421	1.017	14.7
10/1/2017 0:15	2600100	116.143	19.23	264.726	33976.477	38184.473	24.483	25.965	29.432	1.017	14.701
10/1/2017 0:30	2601000	116.135	19.229	264.707	33965.629	38173.133	24.475	25.958	29.442	1.017	14.703
10/1/2017 0:45	2601900	116.128	19.229	264.693	33959.348	38165.938	24.47	25.953	29.447	1.017	14.696
10/1/2017 1:00	2602800	116.118	19.23	264.669	33971.383	38179.102	24.479	25.962	29.437	1.017	14.697
10/1/2017 1:15	2603700	116.105	19.23	264.659	33971.984	38179.566	24.48	25.962	29.436	1.017	14.698
10/1/2017 1:30	2604600	116.099	19.229	264.626	33979.566	38188.875	24.486	25.968	29.429	1.017	14.693
10/1/2017 1:45	2605500	116.099	19.23	264.625	33977.449	38185.426	24.484	25.966	29.431	1.017	14.689
10/1/2017 2:00	2606400	116.093	19.229	264.612	33973.418	38181.965	24.481	25.964	29.435	1.017	14.689
10/1/2017 2:15	2607300	116.071	19.23	264.562	33940.996	38145.094	24.455	25.939	29.463	1.017	14.692
10/1/2017 2:30	2608200	116.077	19.23	264.576	33949.746	38154.785	24.462	25.945	29.455	1.017	14.684
10/1/2017 2:45	2609100	116.066	19.23	264.551	33941.195	38145.316	24.455	25.939	29.463	1.017	14.681
10/1/2017 3:00	2610000	116.061	19.229	264.539	33941.965	38146.332	24.456	25.94	29.462	1.017	14.685
10/1/2017 3:15	2610900	116.058	19.229	264.532	33961.574	38168.371	24.472	25.954	29.445	1.017	14.69
10/1/2017 3:30	2611800	116.047	19.23	264.506	33970.082	38177.855	24.479	25.961	29.438	1.017	14.691
10/1/2017 3:45	2612700	116.029	19.23	264.466	33955.281	38160.93	24.467	25.949	29.451	1.017	14.688
10/1/2017 4:00	2613600	116.036	19.23	264.482	33958.273	38164.586	24.469	25.952	29.448	1.017	14.685
10/1/2017 4:15	2614500	116.016	19.23	264.44	33968.008	38175.527	24.477	25.959	29.439	1.017	14.689
10/1/2017 4:30	2615400	116.031	19.229	264.47	33956.625	38163.234	24.468	25.951	29.449	1.017	14.682
10/1/2017 4:45	2616300	116.03	19.229	264.467	33983.289	38192.98	24.489	25.971	29.426	1.017	14.684
10/1/2017 5:00	2617200	116.02	19.23	264.446	33960.531	38167.051	24.471	25.954	29.446	1.017	14.687
10/1/2017 5:15	2618100	116.025	19.23	264.458	33981.211	38190.148	24.487	25.969	29.428	1.017	14.695
10/1/2017 5:30	2619000	116.014	19.229	264.432	33961.875	38168.848	24.472	25.955	29.445	1.017	14.699
10/1/2017 5:45	2619900	116.025	19.23	264.46	33950.914	38155.987	24.463	25.946	29.454	1.017	14.656
10/1/2017 6:00	2620800	116.016	19.23	264.437	33980.316	38189	24.486	25.969	29.429	1.017	14.695
10/1/2017 6:15	2621700	116.018	19.23	264.441	33974.473	38182.43	24.482	25.964	29.434	1.017	14.693
10/1/2017 6:30	2622600	116.03	19.23	264.469	33945.715	38150.043	24.459	25.942	29.459	1.017	14.69
10/1/2017 6:45	2623500	116.025	19.229	264.456	33955.738	38161.953	24.467	25.95	29.45	1.017	14.696
10/1/2017 7:00	2624400	116.027	19.23	264.461	33942.637	38146.371	24.456	25.94	29.461	1.017	14.705
10/1/2017 7:15	2625300	116.017	19.23	264.47	33969.43	38166.367	24.47	25.963	29.446	1.017	14.706
10/1/2017 7:30	2626200	116.028	19.23	264.463	33957.59	38163.176	24.468	25.951	29.448	1.017	14.7
10/1/2017 7:45	2627100	116.044	19.23	264.5	33978.598	38186.855	24.485	25.967	29.43	1.017	14.703
10/1/2017 8:00	2628000	116.054	19.23	264.522	33972.215	38179.961	24.48	25.962	29.436	1.017	14.703
10/1/2017 8:15	2628900	116.049	19.23	264.512	33958.211	38164.441	24.469	25.952	29.448	1.017	14.706
10/1/2017 8:30	2629800	116.052	19.23	264.519	33962.129	38168.348	24.472	25.954	29.445	1.017	14.713
10/1/2017 8:45	2630700	116.045	19.23	264.503	33968.129	38175.66	24.477	25.959	29.439	1.017	14.711
10/1/2017 9:00	2631600	116.063	19.23	264.544	33973.738	38181.254	24.481	25.963	29.434	1.017	14.703
10/1/2017 9:15	2632500	116.07	19.23	264.559	33976.98	38185.105	24.484	25.966	29.432	1.017	14.705
10/1/2017 9:30	2633400	116.079	19.23	264.581	33970.105	38177.453	24.478	25.961	29.438	1.017	14.705
10/1/2017 9:45	2634300	116.085	19.23	264.594	33968.555	38175.43	24.477	25.959	29.439	1.017	14.707
10/1/2017 10:00	2635200	116.086	19.23	264.595	33965.18	38171.988	24.474	25.957	29.442	1.017	14.707
10/1/2017 10:15	2636100	116.084	19.23	264.592	33973.09	38181.094	24.481	25.963	29.435	1.017	14.7
10/1/2017 10:30	2637000	116.09	19.23	264.604	33978.609	38186.648	24.485	25.967	29.43	1.017	14.703
10/1/2017 10:45	2637900	116.083	19.23	264.589	33939.043	38142.469	24.453	25.937	29.465	1.017	14.702
10/1/2017 11:00	2638800	116.093	19.23	264.611	33951.922	38157.086	24.464	25.947	29.453	1.017	14.695
10/1/2017 11:15	2639700	116.106	19.23	264.642	33985.832	38195.266	24.491	25.973	29.424	1.017	14.691
10/1/2017 11:30	2640600	116.108	19.23	264.645	33963.395	38170.199	24.473	25.956	29.443	1.017	14.695
10/1/2017 11:45	2641500	116.104	19.229	264.636	33975.715	38183.758	24.483	25.965	29.433	1.017	14.693
10/1/2017 12:00	2642400	116.111	19.229	264.652	33978.259	38187.325	24.485	25.967	29.431	1.017	14.697
10/1/2017 12:15	2643300	116.104	19.23	264.637	33957.934	38163.914	24.469	25.951	29.448	1.017	14.695
10/1/2017 12:30	2644200	116.105	19.229	264.639	33968.508	38176.305	24.477	25.96	29.439	1.017	14.694
10/1/2017 12:45	2645100	116.122	19.23	264.678	33983.613	38192.992	24.489	25.971	29.426	1.017	14.692
10/1/2017 13:00	2646000	116.113	19.229	264.657	33975.605	38184.422	24.483	25.965	29.433	1.017	14.69
10/1/2017 13:15	2646900	116.11	19.23	264.651	33964.992	38171.563	24.474	25.957	29.442	1.017	14.69
10/1/2017 13:30	2647800	116.116	19.23	264.665	33964.375	38171.365	24.473	25.956	29.443	1.017	14.696
10/1/2017 13:45	2648700	116.123	19.23	264.68	33963.656	38170.273	24.473	25.956	29.443	1.017	14.681
10/1/2017 14:00	2649600	116.115	19.23	264.662	33977.984	38186.23	24.485	25.967	29.431	1.017	14.679
10/1/2017 14:15	2650500	116.124	19.23	264.683	33967.348	38174.641	24.476	25.959	29.44	1.017	14.673
10/1/2017 14:30	2651400	116.121	19.23	264.676	33975.516	38183.746	24.483	25.965	29.433	1.017	14.673
10/1/2017 14:45	2652300	116.115	19.23	264.663	33970.938	38178.82	24.479	25.962	29.437	1.017	14.67
10/1/2017 15:00	2653200	116.12	19.23	264.674	33947.138	38151.902	24.46	25.943	29.457	1.017	14.657
10/1/2017 15:15	2654100	116.126	19.231	264.688	33952.184	38156.949	24.464	25.947	29.453	1.017	14.655
10/1/2017 15:30	2655000	116.114	19.23	264.66	33971.383	38178.676	24.479	25.962	29.437	1.017	14.659
10/1/2017 15:45	2655900	116.123	19.23	264.68	33989.211	38198.996	24.494	25.975	29.421	1.017	14.658
10/1/2017 16:00	2656800	116.132	19.23	264.701	33962.023	38168.371	24.472	25.954	29.445	1.017	14.65
10/1/2017 16:15	2657700	116.134	19.23	264.704	33976.461	38184.883	24.484	25.966	29.432	1.017	14.652
10/1/2017 16:30	2658600	116.131	19.23	264.698	33957.305	38162.098	24.47	25.951	29.449	1.017	14.651
10/1/2017 16:45	2659500	116.126	19.23	264.687	33978.918	38187.496	24.485	25.967	29.43	1.017	14.656
10/1/2017 17:00	2660400	116.133	19.229	264.703	33975.273	38183.77	24.483	25.965	29.433	1.017	

10/3/2017 1:30	2777400	116.32	19.23	265.129	33969.699	38177.137	24.478	25.96	29.438	1.017	14.616
10/3/2017 1:45	2778300	116.299	19.23	265.081	33972.477	38179.906	24.48	25.962	29.436	1.017	14.619
10/3/2017 2:00	2779200	116.299	19.229	265.082	33979.918	38189.625	24.487	25.969	29.429	1.017	14.619
10/3/2017 2:15	2780100	116.286	19.23	265.051	33972.789	38180.395	24.48	25.963	29.435	1.017	14.624
10/3/2017 2:30	2781000	116.292	19.23	265.064	33985.262	38194.344	24.49	25.972	29.425	1.017	14.619
10/3/2017 2:45	2781900	116.272	19.23	265.02	33966.988	38173.809	24.476	25.958	29.447	1.017	14.616
10/3/2017 3:00	2782800	116.265	19.229	265.003	33983.988	38193.563	24.49	25.972	29.426	1.017	14.624
10/3/2017 3:15	2783700	116.271	19.23	265.019	33972.434	38180.355	24.48	25.963	29.436	1.017	14.617
10/3/2017 3:30	2784600	116.245	19.23	264.958	33995.652	38206.305	24.499	25.98	29.416	1.017	14.626
10/3/2017 3:45	2785500	116.252	19.23	264.975	33970.738	38178.594	24.479	25.961	29.437	1.017	14.619
10/3/2017 4:00	2786400	116.245	19.23	264.957	33971.719	38179.336	24.48	25.962	29.436	1.017	14.623
10/3/2017 4:15	2787300	116.237	19.229	264.94	33983.039	38192.922	24.489	25.971	29.426	1.017	14.621
10/3/2017 4:30	2788200	116.235	19.229	264.935	33987.695	38197.867	24.493	25.975	29.422	1.017	14.623
10/3/2017 4:45	2789100	116.229	19.23	264.921	33924.945	38126.84	24.442	25.926	29.477	1.017	14.623
10/3/2017 5:00	2790000	116.224	19.229	264.911	33952.219	38158.063	24.465	25.947	29.453	1.017	14.615
10/3/2017 5:15	2790900	116.21	19.23	264.879	33953.625	38159.219	24.465	25.948	29.452	1.017	14.625
10/3/2017 5:30	2791800	116.215	19.23	264.89	33967.277	38174.199	24.476	25.958	29.44	1.017	14.623
10/3/2017 5:45	2792700	116.226	19.23	264.916	33964.902	38171.746	24.474	25.957	29.442	1.017	14.619
10/3/2017 6:00	2793600	116.212	19.23	264.883	33949.25	38154.227	24.462	25.945	29.456	1.017	14.62
10/3/2017 6:15	2794500	116.222	19.229	264.907	33973.566	38181.918	24.481	25.964	29.435	1.017	14.622
10/3/2017 6:30	2795400	116.212	19.229	264.883	33975.254	38183.746	24.483	25.965	29.433	1.017	14.627
10/3/2017 6:45	2796300	116.219	19.23	264.899	33973.988	38181.742	24.481	25.964	29.434	1.017	14.617
10/3/2017 7:00	2797200	116.218	19.229	264.896	33964.426	38171.578	24.474	25.957	29.443	1.017	14.625
10/3/2017 7:15	2798100	116.223	19.229	264.907	33987.859	38198.051	24.493	25.975	29.422	1.017	14.627
10/3/2017 7:30	2799000	116.224	19.23	264.909	33983.277	38192.395	24.489	25.971	29.426	1.017	14.628
10/3/2017 7:45	2799900	116.225	19.229	264.913	33984.398	38194.023	24.49	25.972	29.425	1.017	14.631
10/3/2017 8:00	2800800	116.232	19.23	264.928	33971.992	38179.711	24.48	25.962	29.436	1.017	14.636
10/3/2017 8:15	2801700	116.244	19.23	264.955	33982.633	38191.746	24.488	25.97	29.427	1.017	14.638
10/3/2017 8:30	2802600	116.239	19.23	264.944	33957.566	38163.719	24.469	25.951	29.449	1.017	14.64
10/3/2017 8:45	2803500	116.254	19.229	264.979	33976.102	38184.836	24.483	25.966	29.432	1.017	14.637
10/3/2017 9:00	2804400	116.259	19.23	264.989	33961.813	38167.852	24.471	25.954	29.445	1.017	14.641
10/3/2017 9:15	2805300	116.249	19.23	264.968	33959.188	38165.039	24.469	25.952	29.447	1.017	14.649
10/3/2017 9:30	2806200	116.259	19.23	264.989	33948.656	38153.484	24.461	25.944	29.456	1.017	14.652
10/3/2017 9:45	2807100	116.267	19.23	265.007	33968.328	38175.242	24.477	25.959	29.439	1.017	14.654
10/3/2017 10:00	2808000	116.275	19.23	265.026	33991.363	38201.559	24.495	25.977	29.419	1.017	14.653
10/3/2017 10:15	2808900	116.279	19.23	265.035	33969.172	38176.617	24.478	25.96	29.438	1.017	14.654
10/3/2017 10:30	2809800	116.288	19.23	265.056	33963.105	38169.875	24.473	25.956	29.444	1.017	14.659
10/3/2017 10:45	2810700	116.293	19.23	265.068	33973.543	38181.242	24.481	25.963	29.435	1.017	14.654
10/3/2017 11:00	2811600	116.299	19.23	265.082	33983.855	38192.832	24.489	25.971	29.426	1.017	14.661
10/3/2017 11:15	2812500	116.304	19.23	265.092	33976.641	38184.938	24.484	25.966	29.432	1.017	14.654
10/3/2017 11:30	2813400	116.312	19.23	265.111	33976.316	38184.434	24.483	25.965	29.432	1.017	14.658
10/3/2017 11:45	2814300	116.308	19.231	265.101	33978.633	38186.676	24.485	25.967	29.43	1.017	14.663
10/3/2017 12:00	2815200	116.327	19.23	265.147	33968.949	38164.947	24.469	25.952	29.447	1.017	14.662
10/3/2017 12:15	2816100	116.317	19.23	265.122	33964.047	38170.645	24.473	25.956	29.443	1.017	14.659
10/3/2017 12:30	2817000	116.316	19.231	265.12	33962.867	38168.957	24.472	25.955	29.444	1.017	14.663
10/3/2017 12:45	2817900	116.311	19.229	265.109	33991.055	38201.645	24.495	25.977	29.42	1.017	14.662
10/3/2017 13:00	2818800	116.308	19.23	265.102	33981.68	38190.531	24.488	25.97	29.428	1.017	14.667
10/3/2017 13:15	2819700	116.31	19.23	265.106	33941.766	38145.816	24.456	25.939	29.462	1.017	14.664
10/3/2017 13:30	2820600	116.31	19.229	265.106	33969.34	38177.168	24.469	25.96	29.478	1.017	14.67
10/3/2017 13:45	2821500	116.335	19.23	265.162	33962.895	38169.563	24.473	25.955	29.444	1.017	14.672
10/3/2017 14:00	2822400	116.294	19.229	265.07	33982.402	38191.848	24.488	25.97	29.427	1.017	14.674
10/3/2017 14:15	2823300	116.307	19.23	265.099	33958.184	38164.41	24.469	25.952	29.448	1.017	14.67
10/3/2017 14:30	2824200	116.285	19.23	265.05	33958.891	38165.207	24.47	25.952	29.447	1.017	14.678
10/3/2017 14:45	2825100	116.295	19.229	265.071	33966.668	38174.234	24.476	25.958	29.441	1.017	14.677
10/3/2017 15:00	2826000	116.289	19.23	265.059	33962.945	38169.332	24.473	25.955	29.444	1.017	14.678
10/3/2017 15:15	2826900	116.29	19.229	265.06	33959.051	38164.172	24.469	25.952	29.447	1.017	14.678
10/3/2017 15:30	2827800	116.27	19.229	265.016	33974.449	38183.191	24.482	25.965	29.434	1.017	14.69
10/3/2017 15:45	2828700	116.277	19.23	265.032	33991.406	38201.316	24.495	25.977	29.419	1.017	14.675
10/3/2017 16:00	2829600	116.268	19.229	265.01	33964.648	38172.465	24.475	25.957	29.442	1.017	14.685
10/3/2017 16:15	2830500	116.268	19.23	265.011	33981.617	38190.461	24.488	25.97	29.428	1.017	14.679
10/3/2017 16:30	2831400	116.261	19.229	264.995	33972.746	38190.996	24.481	25.963	29.435	1.017	14.683
10/3/2017 16:45	2832300	116.258	19.23	264.987	33965.828	38172.897	24.475	25.958	29.441	1.017	14.688
10/3/2017 17:00	2833200	116.255	19.23	264.981	33988.359	38198.254	24.493	25.975	29.422	1.017	14.692
10/3/2017 17:15	2834100	116.258	19.23	264.987	33956.863	38163	24.468	25.951	29.449	1.017	14.69
10/3/2017 17:30	2835000	116.261	19.23	264.995	33962.176	38168.898	24.472	25.955	29.445	1.017	14.685
10/3/2017 17:45	2835900	116.247	19.23	264.964	33964.152	38171.051	24.474	25.956	29.443	1.017	14.686
10/3/2017 18:00	2836800	116.248	19.23	264.966	33968.758	38176.152	24.477	25.96	29.439	1.017	14.696
10/3/2017 18:15	2837700	116.247	19.23	264.964	33959.516	38165.472	24.47	25.953	29.447	1.017	14.693
10/3/2017 18:30	2838600	116.25	19.23	264.969	33972.895	38180.945	24.481	25.963	29.435	1.017	14.698
10/3/2017 18:45	2839500	116.248	19.229	264.965	33971.945	38180.309	24.48	25.963	29.436	1.017	14.701
10/3/2017 19:00	2840400	116.254	19.23	264.978	33978.957	38187.758	24.486	25.968	29.43	1.017	14.699
10/3/2017 19:15	2841300	116.257	19.23	264.986	33971.859	38179.637	24.48	25.962	29.436	1.017	14.703
10/3/2017 19:30	2842200	116.265	19.23	265.004	33966.668	38173.945	24.476	25.958	29.441	1.017	14.706
10/3/2017 19:45	2843100	116.261	19.23	264.996	33968.895	38176.039	24.477	25.96	29.439	1.017	14.7
10/3/2017 20:00	2844000	116.265	19.23	265.003	33992.688	38203.188	24.497	25.978	29.418	1.017	14.714
10/3/2017 20:15	2844900	116.277	19.23	265.031	33976.32	38184.793	24.483	25.966	29.432	1.017	14.707
10/3/2017 20:30	2845800	116.267	19.231	265.008	33970.449	38177.277	24.478	25.961	29.437	1.017	14.717
10/3/2017 20:45	2846700	116.272	19.23	265.02	33971.293	38178.645	24.479	25.961	29.437	1.017	14.714
10/3/2017 21:00	2847600	116.284	19.23	265.046	33979.871	38188.715	24.486	25.968	29.429	1.017	14.718
10/3/2017 21:15	2848500	116.284	19.23	265.048	33982.465	38191.989	24.487	25.97	29.427	1.017	14.723
10/3/2017 21:30	2849400	116.301	19.23	265.086	33940.324	38144.121	24.455	25.938	29.438	1.017	14.719
10/3/2017 21:45	2850300	116.301	19.23	265.086	33954.207	38160.016	24.466	25.949			

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	
	9/28/2017	0:00:00	0	134.283	21	5431.3
	9/28/2017	0:15:00	0	134.268	21	5532.8
	9/28/2017	0:30:00	0	134.266	21	5504.8
	9/28/2017	0:45:00	0	134.265	21	5594.4
	9/28/2017	1:00:00	0	134.267	21	5499.4
	9/28/2017	1:15:00	0	134.23	21	5571.7
	9/28/2017	1:30:00	0	134.212	21	5557.7
	9/28/2017	1:45:00	0	134.191	21	5618.2
	9/28/2017	2:00:00	0	134.194	21	5554.4
	9/28/2017	2:15:00	0	134.213	21	5719.7
	9/28/2017	2:30:00	0	134.234	21	5590.1
	9/28/2017	2:45:00	0	134.198	21	5649.5
	9/28/2017	3:00:00	0	134.199	21	5604.1
	9/28/2017	3:15:00	0	134.181	21	5643
	9/28/2017	3:30:00	0	134.182	21	5677.6
	9/28/2017	3:45:00	0	134.162	21	5668.9
	9/28/2017	4:00:00	0	134.201	21	5577.1
	9/28/2017	4:15:00	0	134.12	21	5771.5
	9/28/2017	4:30:00	0	134.178	21	5848.2
	9/28/2017	4:45:00	0	134.158	21	5487.5
	9/28/2017	5:00:00	0	134.157	21	5635.4
	9/28/2017	5:15:00	0	134.151	21	5635.4
	9/28/2017	5:30:00	0	134.172	21	5640.8
	9/28/2017	5:45:00	0	134.146	21	5581.4
	9/28/2017	6:00:00	0	134.165	21	5554.4
	9/28/2017	6:15:00	0	134.161	21	5567.4
	9/28/2017	6:30:00	0	134.161	21	5537.2
	9/28/2017	6:45:00	0	134.142	21	5641.9
	9/28/2017	7:00:00	0	134.123	21	5576
	9/28/2017	7:15:00	0	134.159	21	5514.5
	9/28/2017	7:30:00	0	134.114	21	5541.5
	9/28/2017	7:45:00	0	134.149	21	5521
	9/28/2017	8:00:00	0	134.128	21	5557.7
	9/28/2017	8:15:00	0	134.161	21	5458.3
	9/28/2017	8:30:00	0	134.136	21	5535
	9/28/2017	8:45:00	0	134.133	21	5486.4
	9/28/2017	9:00:00	0	134.173	21.1	5480.6
	9/28/2017	9:15:00	0	134.191	21.1	5559.2
	9/28/2017	9:30:00	0	134.213	21.2	5465
	9/28/2017	9:45:00	0	134.213	21.2	5493
	9/28/2017	10:00:00	0	134.213	21.3	5442
	9/28/2017	10:15:00	0	134.214	21.3	5406.5
	9/28/2017	10:30:00	0	134.218	21.3	5388.3
	9/28/2017	10:45:00	0	134.261	21.3	5826.5
	9/28/2017	11:00:00	0	134.249	21.3	5552.6
	9/28/2017	11:15:00	0	134.293	21.3	5590.2
	9/28/2017	11:30:00	0	134.294	21.4	5589.4
	9/28/2017	11:45:00	0	134.274	21.4	5559.4
	9/28/2017	12:00:00	0	134.275	21.4	5505.8
	9/28/2017	12:15:00	0	134.311	21.4	5505.8
	9/28/2017	12:30:00	0	134.291	21.4	5514.4
	9/28/2017	12:45:00	0	134.291	21.4	5503.6
	9/28/2017	13:00:00	0	134.311	21.4	5566.9
	9/28/2017	13:15:00	0	134.295	21.4	5542.2
	9/28/2017	13:30:00	0	134.3	21.4	5510.1
	9/28/2017	13:45:00	0	134.282	21.3	5538.6
	9/28/2017	14:00:00	0	134.281	21.3	5583.7
	9/28/2017	14:15:00	0	134.283	21.3	5581.6
	9/28/2017	14:30:00	0	134.328	21.4	5541.2
	9/28/2017	14:45:00	0	134.287	21.3	5556.9
	9/28/2017	15:00:00	0	134.287	21.3	5534.3
	9/28/2017	15:15:00	0	134.289	21.3	5506.4
	9/28/2017	15:30:00	0	134.267	21.3	5469.9
	9/28/2017	15:45:00	0	134.23	21.2	5511.3
	9/28/2017	16:00:00	0	134.267	21.3	5495.7
	9/28/2017	16:15:00	0	134.242	21.2	5491.9
	9/28/2017	16:30:00	0	134.219	21.2	5479
	9/28/2017	16:45:00	0	134.279	21.2	5562.9
	9/28/2017	17:00:00	0	134.281	21.2	5514.5
	9/28/2017	17:15:00	0	134.264	21.2	5497.3
	9/28/2017	17:30:00	0	134.24	21.2	5491.9
	9/28/2017	17:45:00	0	134.262	21.3	5482.8
	9/28/2017	18:00:00	0	134.261	21.2	5412.3
	9/28/2017	18:15:00	0	134.279	21.3	5410.8
	9/28/2017	18:30:00	0	134.279	21.3	5388.3
	9/28/2017	18:45:00	0	134.277	21.2	5426.3
	9/28/2017	19:00:00	0	134.261	21.2	5410.1
	9/28/2017	19:15:00	0	134.258	21.2	5405.8
	9/28/2017	19:30:00	0	134.299	21.2	5394
	9/28/2017	19:45:00	0	134.298	21.2	5418.7

9/28/2017	20:00:00	0	134.275	21.2	5406.9
9/28/2017	20:15:00	0	134.259	21.1	5410.5
9/28/2017	20:30:00	0	134.247	21.1	5418
9/28/2017	20:45:00	0	134.268	21.2	5430.6
9/28/2017	21:00:00	0	134.225	21.2	5451
9/28/2017	21:15:00	0	134.261	21.1	5414.8
9/28/2017	21:30:00	0	134.246	21.1	5410.5
9/28/2017	21:45:00	0	134.263	21.1	5397.5
9/28/2017	22:00:00	0	134.223	21.1	5404
9/28/2017	22:15:00	0	134.223	21.1	5414.8
9/28/2017	22:30:00	0	134.237	21.1	5425.6
9/28/2017	22:45:00	0	134.226	21.1	5426.7
9/28/2017	23:00:00	0	134.206	21.1	5514
9/28/2017	23:15:00	0	134.187	21.1	5485.9
9/28/2017	23:30:00	0	134.25	21.2	5514.5
9/28/2017	23:45:00	0	134.189	21.1	5480.6
9/29/2017	0:00:00	0	134.225	21.1	5532.3
9/29/2017	0:15:00	0	134.207	21.1	5570
9/29/2017	0:30:00	0	134.174	21.1	5600.2
9/29/2017	0:45:00	0	134.18	21.1	5591.6
9/29/2017	1:00:00	0	134.173	21.1	5608.8
9/29/2017	1:15:00	0	134.187	21.1	5625
9/29/2017	1:30:00	0	134.166	21.1	5616.4
9/29/2017	1:45:00	0	134.144	21.1	5723.1
9/29/2017	2:00:00	0	134.169	21.1	5676.7
9/29/2017	2:15:00	0	134.145	21.1	5694
9/29/2017	2:30:00	0	134.145	21.1	5688.6
9/29/2017	2:45:00	0	134.14	21.1	5695.1
9/29/2017	3:00:00	0	134.105	21.1	5729.6
9/29/2017	3:15:00	0	134.144	21.1	5775.9
9/29/2017	3:30:00	0	134.143	21.1	5747.9
9/29/2017	3:45:00	0	134.121	21.1	5767.3
9/29/2017	4:00:00	0	134.165	21.1	5810.4
9/29/2017	4:15:00	0	134.087	21.1	5811.5
9/29/2017	4:30:00	0	134.077	21.1	5793.2
9/29/2017	4:45:00	0	134.102	21.1	5767.3
9/29/2017	5:00:00	0	134.118	21.1	5793.2
9/29/2017	5:15:00	0	134.106	21.2	5757.7
9/29/2017	5:30:00	0	134.149	21.2	5777
9/29/2017	5:45:00	0	134.123	21.2	5727.5
9/29/2017	6:00:00	0	134.136	21.2	5729.7
9/29/2017	6:15:00	0	134.13	21.2	5759.8
9/29/2017	6:30:00	0	134.116	21.1	5752.2
9/29/2017	6:45:00	0	134.181	21.2	5675.9
9/29/2017	7:00:00	0	134.139	21.1	5725.3
9/29/2017	7:15:00	0	134.18	21.1	5688.6
9/29/2017	7:30:00	0	134.196	21.1	5685.4
9/29/2017	7:45:00	0	134.141	21.1	5617.5
9/29/2017	8:00:00	0	134.163	21.1	5622.8
9/29/2017	8:15:00	0	134.187	21.1	5653
9/29/2017	8:30:00	0	134.133	21.1	5607.8
9/29/2017	8:45:00	0	134.159	21.1	5594.8
9/29/2017	9:00:00	0	134.221	21.1	5502.1
9/29/2017	9:15:00	0	134.177	21.1	5473
9/29/2017	9:30:00	0	134.199	21.1	5447.1
9/29/2017	9:45:00	0	134.172	21.1	5500
9/29/2017	10:00:00	0	134.217	21.1	5425.6
9/29/2017	10:15:00	0	134.143	21.1	5388.9
9/29/2017	10:30:00	0	134.199	21.1	5407.2
9/29/2017	10:45:00	0	134.208	21.1	5378.1
9/29/2017	11:00:00	0	134.184	21.1	5367.4
9/29/2017	11:15:00	0	134.217	21.1	5392.2
9/29/2017	11:30:00	0	134.255	21.1	5380.3
9/29/2017	11:45:00	0	134.244	21.1	5392.2
9/29/2017	12:00:00	0	134.206	21.1	5327.5
9/29/2017	12:15:00	0	134.248	21.1	5297.3
9/29/2017	12:30:00	0	134.279	21.1	5343.6
9/29/2017	12:45:00	0	134.264	21.1	5315.6
9/29/2017	13:00:00	0	134.243	21.1	5313.5
9/29/2017	13:15:00	0	134.219	21.1	5321
9/29/2017	13:30:00	0	134.237	21.1	5287.6
9/29/2017	13:45:00	0	134.246	21.1	5329.6
9/29/2017	14:00:00	0	134.245	21.1	5311.3
9/29/2017	14:15:00	0	134.258	21.1	5360.9
9/29/2017	14:30:00	0	134.258	21.1	5346.9
9/29/2017	14:45:00	0	134.239	21.1	5364.1
9/29/2017	15:00:00	0	134.244	21.1	5392.2
9/29/2017	15:15:00	0	134.242	21.1	5404
9/29/2017	15:30:00	0	134.238	21.1	5422.3
9/29/2017	15:45:00	0	134.244	21.1	5402.9
9/29/2017	16:00:00	0	134.215	21.1	5477.3
9/29/2017	16:15:00	0	134.241	21.1	5426.7
9/29/2017	16:30:00	0	134.22	21.1	5447.1
9/29/2017	16:45:00	0	134.246	21.1	5398.6
9/29/2017	17:00:00	0	134.243	21.1	5445
9/29/2017	17:15:00	0	134.208	21.1	5456.8
9/29/2017	17:30:00	0	134.23	21.1	5434.2
9/29/2017	17:45:00	0	134.23	21.1	5449.3
9/29/2017	18:00:00	0	134.251	21.1	5428.8
9/29/2017	18:15:00	0	134.221	21.1	5484.9
9/29/2017	18:30:00	0	134.203	21.1	5490.3
9/29/2017	18:45:00	0	134.252	21.1	5420.2
9/29/2017	19:00:00	0	134.277	21.1	5408.3
9/29/2017	19:15:00	0	134.235	21.1	5412.6
9/29/2017	19:30:00	0	134.251	21.1	5488.1
9/29/2017	19:45:00	0	134.208	21.1	5445

9/29/2017	20:00:00	0	134.225	21.1	5407.2
9/29/2017	20:15:00	0	134.227	21.1	5396.5
9/29/2017	20:30:00	0	134.273	21.1	5406.2
9/29/2017	20:45:00	0	134.24	21.1	5392.2
9/29/2017	21:00:00	0	134.236	21.1	5408.3
9/29/2017	21:15:00	0	134.207	21.1	5407.2
9/29/2017	21:30:00	0	134.189	21.1	5373.8
9/29/2017	21:45:00	0	134.209	21.1	5373.8
9/29/2017	22:00:00	0	134.245	21.1	5435.3
9/29/2017	22:15:00	0	134.223	21.1	5406.2
9/29/2017	22:30:00	0	134.199	21.1	5440.7
9/29/2017	22:45:00	0	134.2	21.1	5451.4
9/29/2017	23:00:00	0	134.213	21.1	5429.9
9/29/2017	23:15:00	0	134.196	21.1	5475.2
9/29/2017	23:30:00	0	134.195	21.1	5506.4
9/29/2017	23:45:00	0	134.176	21.1	5461.1
9/30/2017	0:00:00	0	134.181	21.1	5447.1
9/30/2017	0:15:00	0	134.145	21.1	5571.1
9/30/2017	0:30:00	0	134.164	21.1	5508.6
9/30/2017	0:45:00	0	134.14	21.1	5588.4
9/30/2017	1:00:00	0	134.14	21.1	5558.2
9/30/2017	1:15:00	0	134.165	21.1	5550.6
9/30/2017	1:30:00	0	134.2	21.1	5561.4
9/30/2017	1:45:00	0	134.155	21.1	5589.4
9/30/2017	2:00:00	0	134.141	21.1	5631.5
9/30/2017	2:15:00	0	134.119	21.1	5688.6
9/30/2017	2:30:00	0	134.123	21.1	5617.5
9/30/2017	2:45:00	0	134.105	21.1	5671.4
9/30/2017	3:00:00	0	134.111	21.1	5670.3
9/30/2017	3:15:00	0	134.095	21.1	5730.6
9/30/2017	3:30:00	0	134.094	21.1	5754.4
9/30/2017	3:45:00	0	134.114	21.1	5775.9
9/30/2017	4:00:00	0	134.135	21.2	5800.7
9/30/2017	4:15:00	0	134.12	21.2	5859.9
9/30/2017	4:30:00	0	134.141	21.1	5813.7
9/30/2017	4:45:00	0	134.103	21.1	5839.5
9/30/2017	5:00:00	0	134.101	21.1	5813.7
9/30/2017	5:15:00	0	134.102	21.1	5860
9/30/2017	5:30:00	0	134.076	21.1	5892.3
9/30/2017	5:45:00	0	134.072	21.1	5866.5
9/30/2017	6:00:00	0	134.111	21.1	5852.5
9/30/2017	6:15:00	0	134.127	21.1	5862.2
9/30/2017	6:30:00	0	134.063	21.1	5857.9
9/30/2017	6:45:00	0	134.058	21	5873
9/30/2017	7:00:00	0	134.092	21.1	5824.4
9/30/2017	7:15:00	0	134.111	21	5855.8
9/30/2017	7:30:00	0	134.07	21	5812.6
9/30/2017	7:45:00	0	134.069	21	5832
9/30/2017	8:00:00	0	134.065	21	5781.2
9/30/2017	8:15:00	0	134.102	21	5768.3
9/30/2017	8:30:00	0	134.056	21	5795.3
9/30/2017	8:45:00	0	134.113	21	5789.9
9/30/2017	9:00:00	0	134.097	21	5779.1
9/30/2017	9:15:00	0	134.112	21	5710
9/30/2017	9:30:00	0	134.07	21	5722.9
9/30/2017	9:45:00	0	134.097	21	5731.6
9/30/2017	10:00:00	0	134.096	21	5756.4
9/30/2017	10:15:00	0	134.095	21	5699.2
9/30/2017	10:30:00	0	134.076	21	5704.6
9/30/2017	10:45:00	0	134.099	21	5789.9
9/30/2017	11:00:00	0	134.063	21	5664.6
9/30/2017	11:15:00	0	134.105	21	5618.2
9/30/2017	11:30:00	0	134.105	21	5640.8
9/30/2017	11:45:00	0	134.09	21	5637.6
9/30/2017	12:00:00	0	134.112	21	5621.4
9/30/2017	12:15:00	0	134.112	21	5665.7
9/30/2017	12:30:00	0	134.077	21	5649.5
9/30/2017	12:45:00	0	134.104	21	5673.2
9/30/2017	13:00:00	0	134.124	21	5619.2
9/30/2017	13:15:00	0	134.105	21	5633.3
9/30/2017	13:30:00	0	134.115	21	5646.2
9/30/2017	13:45:00	0	134.102	21	5665.7
9/30/2017	14:00:00	0	134.089	21	5645.2
9/30/2017	14:15:00	0	134.136	21	5610.6
9/30/2017	14:30:00	0	134.116	21	5612.8
9/30/2017	14:45:00	0	134.096	21	5578.2
9/30/2017	15:00:00	0	134.122	21	5645.2
9/30/2017	15:15:00	0	134.123	21	5735.9
9/30/2017	15:30:00	0	134.103	21	5617.1
9/30/2017	15:45:00	0	134.125	21	5627.9
9/30/2017	16:00:00	0	134.103	21	5687.3
9/30/2017	16:15:00	0	134.13	21	5713.2
9/30/2017	16:30:00	0	134.138	21	5651.6
9/30/2017	16:45:00	0	134.126	21	5663.5
9/30/2017	17:00:00	0	134.126	21	5624.6
9/30/2017	17:15:00	0	134.167	21	5637.6
9/30/2017	17:30:00	0	134.172	21	5618.2
9/30/2017	17:45:00	0	134.155	21	5664.6
9/30/2017	18:00:00	0	134.175	21	5622.5
9/30/2017	18:15:00	0	134.139	21	5646.2
9/30/2017	18:30:00	0	134.162	21	5606.3
9/30/2017	18:45:00	0	134.177	21	5654.9
9/30/2017	19:00:00	0	134.173	21	5718.6
9/30/2017	19:15:00	0	134.193	21	5791
9/30/2017	19:30:00	0	134.147	21	5667.8
9/30/2017	19:45:00	0	134.207	21	5609.5

9/30/2017	20:00:00	0	134.185	21	5585.8
9/30/2017	20:15:00	0	134.178	21	5606.3
9/30/2017	20:30:00	0	134.197	21	5594.4
9/30/2017	20:45:00	0	134.19	21	5531.8
9/30/2017	21:00:00	0	134.189	21	5573.9
9/30/2017	21:15:00	0	134.186	21	5626.8
9/30/2017	21:30:00	0	134.186	21	5606.3
9/30/2017	21:45:00	0	134.223	21	5582.5
9/30/2017	22:00:00	0	134.19	21	5592.2
9/30/2017	22:15:00	0	134.191	21	5596.6
9/30/2017	22:30:00	0	134.189	21	5567.4
9/30/2017	22:45:00	0	134.17	21	5564.2
9/30/2017	23:00:00	0	134.171	21	5476.7
9/30/2017	23:15:00	0	134.191	21	5512.3
9/30/2017	23:30:00	0	134.168	21	5536.1
9/30/2017	23:45:00	0	134.148	21	5582.5
10/1/2017	0:00:00	0	134.19	21	5598.7
10/1/2017	0:15:00	0	134.155	21	5564.2
10/1/2017	0:30:00	0	134.155	21	5654.9
10/1/2017	0:45:00	0	134.159	21	5609.5
10/1/2017	1:00:00	0	134.146	21	5598.7
10/1/2017	1:15:00	0	134.165	21	5613.8
10/1/2017	1:30:00	0	134.148	21	5663.5
10/1/2017	1:45:00	0	134.137	21	5670
10/1/2017	2:00:00	0	134.142	21	5730.5
10/1/2017	2:15:00	0	134.102	21	5717.5
10/1/2017	2:30:00	0	134.103	21	5773.7
10/1/2017	2:45:00	0	134.142	21	5759.6
10/1/2017	3:00:00	0	134.119	21	5878.4
10/1/2017	3:15:00	0	134.096	21	5809.3
10/1/2017	3:30:00	0	134.111	21	5836.3
10/1/2017	3:45:00	0	134.083	21	5860.1
10/1/2017	4:00:00	0	134.077	21	5868.7
10/1/2017	4:15:00	0	134.079	21	5854.7
10/1/2017	4:30:00	0	134.099	21	5889.2
10/1/2017	4:45:00	0	134.114	21	5962.7
10/1/2017	5:00:00	0	134.082	21	5989.7
10/1/2017	5:15:00	0	134.087	21	5927
10/1/2017	5:30:00	0	134.096	21	5962.7
10/1/2017	5:45:00	0	134.08	21	5972.4
10/1/2017	6:00:00	0	134.075	21	5917.3
10/1/2017	6:15:00	0	134.074	21	5971.3
10/1/2017	6:30:00	0	134.069	21	5947.6
10/1/2017	6:45:00	0	134.08	21	5955.1
10/1/2017	7:00:00	0	134.071	21	5975.6
10/1/2017	7:15:00	0	134.105	21	6008
10/1/2017	7:30:00	0	134.028	21	5976.7
10/1/2017	7:45:00	0	134.087	21	5904.4
10/1/2017	8:00:00	0	134.049	21	5891.4
10/1/2017	8:15:00	0	134.081	21	5911.9
10/1/2017	8:30:00	0	134.057	21	5909.8
10/1/2017	8:45:00	0	134.077	21	5832
10/1/2017	9:00:00	0	134.098	21	5832
10/1/2017	9:15:00	0	134.115	21.1	5933.3
10/1/2017	9:30:00	0	134.097	21	5798.5
10/1/2017	9:45:00	0	134.084	21	5805
10/1/2017	10:00:00	0	134.107	21	5812.6
10/1/2017	10:15:00	0	134.093	21	5753.2
10/1/2017	10:30:00	0	134.101	21	5785.6
10/1/2017	10:45:00	0	134.109	21	5751
10/1/2017	11:00:00	0	134.117	21	5785.6
10/1/2017	11:15:00	0	134.117	21	5764
10/1/2017	11:30:00	0	134.159	21	5705.6
10/1/2017	11:45:00	0	134.139	21	5724
10/1/2017	12:00:00	0	134.158	21	5745.6
10/1/2017	12:15:00	0	134.137	21	5704.6
10/1/2017	12:30:00	0	134.138	21	5662.4
10/1/2017	12:45:00	0	134.181	21	5697
10/1/2017	13:00:00	0	134.147	21	5694.8
10/1/2017	13:15:00	0	134.237	21.2	5709.3
10/1/2017	13:30:00	0	134.186	21	5730.5
10/1/2017	13:45:00	0	134.165	21	5703.5
10/1/2017	14:00:00	0	134.192	21	5677.6
10/1/2017	14:15:00	0	134.199	21	5670
10/1/2017	14:30:00	0	134.185	21	5767.2
10/1/2017	14:45:00	0	134.19	21	5717.5
10/1/2017	15:00:00	0	134.184	21	5748.8
10/1/2017	15:15:00	0	134.234	21	5672.2
10/1/2017	15:30:00	0	134.218	21	5733.7
10/1/2017	15:45:00	0	134.202	21	5694.8
10/1/2017	16:00:00	0	134.225	21	5798.5
10/1/2017	16:15:00	0	134.221	21.1	5784.5
10/1/2017	16:30:00	0	134.236	21.1	5692.9
10/1/2017	16:45:00	0	134.208	21	5724
10/1/2017	17:00:00	0	134.254	21	5606.3
10/1/2017	17:15:00	0	134.275	21.1	5716.6
10/1/2017	17:30:00	0	134.272	21.2	5666.2
10/1/2017	17:45:00	0	134.301	21.2	5684.5
10/1/2017	18:00:00	0	134.336	21.3	5739.5
10/1/2017	18:15:00	0	134.33	21.3	5755.6
10/1/2017	18:30:00	0	134.334	21.3	5664.3
10/1/2017	18:45:00	0	134.374	21.2	5629.6
10/1/2017	19:00:00	0	134.331	21.2	5694.2
10/1/2017	19:15:00	0	134.289	21.1	5733.9
10/1/2017	19:30:00	0	134.311	21.1	5699.4
10/1/2017	19:45:00	0	134.311	21.1	5681.1

10/1/2017	20:00:00	0	134.335	21.1	5681.1
10/1/2017	20:15:00	0	134.318	21.1	5604.5
10/1/2017	20:30:00	0	134.335	21.1	5604.5
10/1/2017	20:45:00	0	134.333	21.1	5643.3
10/1/2017	21:00:00	0	134.333	21.1	5572.2
10/1/2017	21:15:00	0	134.328	21.1	5620.7
10/1/2017	21:30:00	0	134.327	21.1	5636.9
10/1/2017	21:45:00	0	134.36	21.1	5536.6
10/1/2017	22:00:00	0	134.375	21.1	5502.1
10/1/2017	22:15:00	0	134.34	21.1	5603.4
10/1/2017	22:30:00	0	134.385	21.1	5581.9
10/1/2017	22:45:00	0	134.386	21.1	5503.2
10/1/2017	23:00:00	0	134.389	21.1	5459
10/1/2017	23:15:00	0	134.35	21.1	5463.3
10/1/2017	23:30:00	0	134.375	21	5526.4
10/1/2017	23:45:00	0	134.376	21.1	5516.1
10/2/2017	0:00:00	0	134.35	21.1	5504.3
10/2/2017	0:15:00	0	134.368	21.1	5504.3
10/2/2017	0:30:00	0	134.344	21.1	5584
10/2/2017	0:45:00	0	134.389	21.1	5481.6
10/2/2017	1:00:00	0	134.37	21.1	5559.2
10/2/2017	1:15:00	0	134.362	21	5551.2
10/2/2017	1:30:00	0	134.342	21	5553.4
10/2/2017	1:45:00	0	134.398	21	5673.2
10/2/2017	2:00:00	0	134.357	21.1	5567.9
10/2/2017	2:15:00	0	134.356	21.1	5630.4
10/2/2017	2:30:00	0	134.376	21.1	5667
10/2/2017	2:45:00	0	134.363	21.1	5684.3
10/2/2017	3:00:00	0	134.363	21	5697
10/2/2017	3:15:00	0	134.383	21.1	5730.6
10/2/2017	3:30:00	0	134.344	21	5835.2
10/2/2017	3:45:00	0	134.366	21.1	5723.1
10/2/2017	4:00:00	0	134.328	21	5837.4
10/2/2017	4:15:00	0	134.346	21.1	5794.3
10/2/2017	4:30:00	0	134.324	21.1	5794.3
10/2/2017	4:45:00	0	134.358	21.1	5824.4
10/2/2017	5:00:00	0	134.339	21.1	5871.9
10/2/2017	5:15:00	0	134.38	21.1	5889.1
10/2/2017	5:30:00	0	134.341	21	5870.9
10/2/2017	5:45:00	0	134.342	21	5931.4
10/2/2017	6:00:00	0	134.38	21.1	5870.8
10/2/2017	6:15:00	0	134.396	21.3	5887.7
10/2/2017	6:30:00	0	134.393	21.3	5875.9
10/2/2017	6:45:00	0	134.389	21.3	5943.5
10/2/2017	7:00:00	0	134.386	21.3	5987.6
10/2/2017	7:15:00	0	134.4	21.2	5929.8
10/2/2017	7:30:00	0	134.378	21.2	5935.2
10/2/2017	7:45:00	0	134.355	21.2	5891.1
10/2/2017	8:00:00	0	134.39	21.1	5884.8
10/2/2017	8:15:00	0	134.379	21.1	5890.2
10/2/2017	8:30:00	0	134.377	21.1	5855.7
10/2/2017	8:45:00	0	134.346	21.1	5982.9
10/2/2017	9:00:00	0	134.357	21.1	5888
10/2/2017	9:15:00	0	134.359	21.1	5921.5
10/2/2017	9:30:00	0	134.361	21	5836.3
10/2/2017	9:45:00	0	134.36	21.1	5856.8
10/2/2017	10:00:00	0	134.36	21	5878.4
10/2/2017	10:15:00	0	134.381	21	5819
10/2/2017	10:30:00	0	134.343	21	5818
10/2/2017	10:45:00	0	134.367	21	5828.8
10/2/2017	11:00:00	0	134.391	21	5773.7
10/2/2017	11:15:00	0	134.356	21	5775.8
10/2/2017	11:30:00	0	134.376	21	5862.2
10/2/2017	11:45:00	0	134.392	21	5681.9
10/2/2017	12:00:00	0	134.396	21	5683
10/2/2017	12:15:00	0	134.378	21	5680.8
10/2/2017	12:30:00	0	134.36	21	5715.4
10/2/2017	12:45:00	0	134.382	21	5656
10/2/2017	13:00:00	0	134.366	21	5633.3
10/2/2017	13:15:00	0	134.388	21	5697
10/2/2017	13:30:00	0	134.372	21	5594.4
10/2/2017	13:45:00	0	134.341	21	5594.4
10/2/2017	14:00:00	0	134.385	21.1	5606.7
10/2/2017	14:15:00	0	134.393	21	5656
10/2/2017	14:30:00	0	134.355	21	5649.5
10/2/2017	14:45:00	0	134.382	21	5708.9
10/2/2017	15:00:00	0	134.383	21	5673.2
10/2/2017	15:15:00	0	134.385	21	5643
10/2/2017	15:30:00	0	134.385	21	5762.9
10/2/2017	15:45:00	0	134.388	21	5703.5
10/2/2017	16:00:00	0	134.426	21	5690.5
10/2/2017	16:15:00	0	134.391	21	5694.8
10/2/2017	16:30:00	0	134.356	21	5740.2
10/2/2017	16:45:00	0	134.41	21	5711
10/2/2017	17:00:00	0	134.384	21	5796.4
10/2/2017	17:15:00	0	134.404	21	5759.6
10/2/2017	17:30:00	0	134.367	21	5762.9
10/2/2017	17:45:00	0	134.384	21	5755.3
10/2/2017	18:00:00	0	134.427	21	5798.5
10/2/2017	18:15:00	0	134.409	21	5781.2
10/2/2017	18:30:00	0	134.385	21	5778
10/2/2017	18:45:00	0	134.423	21	5835.2
10/2/2017	19:00:00	0	134.408	21	5796.4
10/2/2017	19:15:00	0	134.414	21	5795.3
10/2/2017	19:30:00	0	134.416	21	5823.4
10/2/2017	19:45:00	0	134.374	21	5781.2

10/2/2017	20:00:00	0	134.446	21	5810.4
10/2/2017	20:15:00	0	134.427	21	5740.2
10/2/2017	20:30:00	0	134.471	21	5731.6
10/2/2017	20:45:00	0	134.432	21	5639.8
10/2/2017	21:00:00	0	134.446	21	5695.9
10/2/2017	21:15:00	0	134.469	21	5659.2
10/2/2017	21:30:00	0	134.453	21	5686.2
10/2/2017	21:45:00	0	134.448	21	5629
10/2/2017	22:00:00	0	134.463	21	5718.6
10/2/2017	22:15:00	0	134.428	21	5572.8
10/2/2017	22:30:00	0	134.476	21	5569.6
10/2/2017	22:45:00	0	134.46	21	5565.2
10/2/2017	23:00:00	0	134.458	21	5580.4
10/2/2017	23:15:00	0	134.442	21	5528.5
10/2/2017	23:30:00	0	134.485	21	5612.8
10/2/2017	23:45:00	0	134.451	21	5537.2
10/3/2017	0:00:00	0	134.492	21	5551.2
10/3/2017	0:15:00	0	134.494	21	5553.4
10/3/2017	0:30:00	0	134.469	21	5498.3
10/3/2017	0:45:00	0	134.454	21.1	5514
10/3/2017	1:00:00	0	134.472	21.1	5532.3
10/3/2017	1:15:00	0	134.494	21.1	5500
10/3/2017	1:30:00	0	134.496	21.2	5537.1
10/3/2017	1:45:00	0	134.498	21.3	5504.3
10/3/2017	2:00:00	0	134.497	21.3	5577.3
10/3/2017	2:15:00	0	134.46	21.2	5629.6
10/3/2017	2:30:00	0	134.479	21.2	5601.7
10/3/2017	2:45:00	0	134.495	21.1	5653
10/3/2017	3:00:00	0	134.457	21.1	5643.3
10/3/2017	3:15:00	0	134.456	21.2	5720
10/3/2017	3:30:00	0	134.461	21.2	5659.8
10/3/2017	3:45:00	0	134.463	21.2	5675.9
10/3/2017	4:00:00	0	134.439	21.2	5682.4
10/3/2017	4:15:00	0	134.443	21.2	5725.4
10/3/2017	4:30:00	0	134.384	21.1	5730.6
10/3/2017	4:45:00	0	134.444	21.1	5791
10/3/2017	5:00:00	0	134.443	21.1	5844.9
10/3/2017	5:15:00	0	134.44	21.2	5814.7
10/3/2017	5:30:00	0	134.416	21.1	5847.1
10/3/2017	5:45:00	0	134.397	21.1	5837.4
10/3/2017	6:00:00	0	134.436	21.1	5919.3
10/3/2017	6:15:00	0	134.395	21.1	5923.6
10/3/2017	6:30:00	0	134.434	21.3	5876.9
10/3/2017	6:45:00	0	134.471	21.4	5846.7
10/3/2017	7:00:00	0	134.452	21.3	5863
10/3/2017	7:15:00	0	134.451	21.3	5898.4
10/3/2017	7:30:00	0	134.447	21.3	5942.4
10/3/2017	7:45:00	0	134.44	21.3	5892
10/3/2017	8:00:00	0	134.467	21.3	5885.5
10/3/2017	8:15:00	0	134.424	21.2	5838.4
10/3/2017	8:30:00	0	134.382	21.2	5847
10/3/2017	8:45:00	0	134.435	21.2	5916.9
10/3/2017	9:00:00	0	134.424	21.2	5885.7
10/3/2017	9:15:00	0	134.44	21.2	5784.6
10/3/2017	9:30:00	0	134.45	21.2	5823.3
10/3/2017	9:45:00	0	134.445	21.2	5754.4
10/3/2017	10:00:00	0	134.422	21.2	5777
10/3/2017	10:15:00	0	134.453	21.2	5720
10/3/2017	10:30:00	0	134.43	21.2	5752.3
10/3/2017	10:45:00	0	134.428	21.2	5728.6
10/3/2017	11:00:00	0	134.448	21.2	5817.9
10/3/2017	11:15:00	0	134.409	21.1	5697.2
10/3/2017	11:30:00	0	134.42	21.2	5787.8
10/3/2017	11:45:00	0	134.439	21.2	5625.3
10/3/2017	12:00:00	0	134.418	21.1	5612.1
10/3/2017	12:15:00	0	134.423	21.1	5662.7
10/3/2017	12:30:00	0	134.438	21.1	5671.4
10/3/2017	12:45:00	0	134.457	21.1	5613.1
10/3/2017	13:00:00	0	134.44	21.1	5606.7
10/3/2017	13:15:00	0	134.454	21.1	5617.5
10/3/2017	13:30:00	0	134.433	21.1	5590.5
10/3/2017	13:45:00	0	134.444	21.1	5588.4
10/3/2017	14:00:00	0	134.46	21.2	5594.1
10/3/2017	14:15:00	0	134.416	21.1	5653
10/3/2017	14:30:00	0	134.431	21.2	5570.5
10/3/2017	14:45:00	0	134.425	21.1	5620.7
10/3/2017	15:00:00	0	134.42	21.1	5621.8
10/3/2017	15:15:00	0	134.419	21.1	5689.7
10/3/2017	15:30:00	0	134.395	21.1	5682.1
10/3/2017	15:45:00	0	134.41	21.1	5648.7
10/3/2017	16:00:00	0	134.41	21.1	5675.7
10/3/2017	16:15:00	0	134.41	21.1	5672.4
10/3/2017	16:30:00	0	134.388	21.1	5694
10/3/2017	16:45:00	0	134.404	21.1	5694
10/3/2017	17:00:00	0	134.398	21.1	5754.4
10/3/2017	17:15:00	0	134.396	21.1	5808.3
10/3/2017	17:30:00	0	134.392	21.1	5794.3
10/3/2017	17:45:00	0	134.411	21.1	5709.1
10/3/2017	18:00:00	0	134.4	21.1	5774.8
10/3/2017	18:15:00	0	134.436	21.1	5842.8
10/3/2017	18:30:00	0	134.391	21.1	5791
10/3/2017	18:45:00	0	134.404	21.1	5784.5
10/3/2017	19:00:00	0	134.384	21.1	5768.4
10/3/2017	19:15:00	0	134.42	21.1	5828.7
10/3/2017	19:30:00	0	134.417	21.1	5821.2
10/3/2017	19:45:00	0	134.393	21.1	5839.5

10/3/2017	20:00:00	0	134.393	21.1	5772.7
10/3/2017	20:15:00	0	134.425	21.1	5793.2
10/3/2017	20:30:00	0	134.438	21.1	5797.5
10/3/2017	20:45:00	0	134.392	21.1	5866.5
10/3/2017	21:00:00	0	134.43	21.1	5815.8
10/3/2017	21:15:00	0	134.392	21.1	5723.1
10/3/2017	21:30:00	0	134.426	21	5722.9
10/3/2017	21:45:00	0	134.445	21	5714.3
10/3/2017	22:00:00	0	134.402	21	5678.6
10/3/2017	22:15:00	0	134.438	21.1	5716.6
10/3/2017	22:30:00	0	134.451	21.1	5630.4
10/3/2017	22:45:00	0	134.429	21	5738
10/3/2017	23:00:00	0	134.449	21	5645.2
10/3/2017	23:15:00	0	134.424	21	5650.6
10/3/2017	23:30:00	0	134.441	21	5585.8
10/3/2017	23:45:00	0	134.458	21.1	5543.1
10/4/2017	0:00:00	0	134.46	21.1	5563.6
10/4/2017	0:15:00	0	134.459	21.1	5570
10/4/2017	0:30:00	0	134.458	21.1	5548.5
10/4/2017	0:45:00	0	134.438	21	5568.5
10/4/2017	1:00:00	0	134.435	21	5568.5
10/4/2017	1:15:00	0	134.452	21	5541.5
10/4/2017	1:30:00	0	134.431	21	5532.8
10/4/2017	1:45:00	0	134.426	21	5536.1
10/4/2017	2:00:00	0	134.382	21	5567.4
10/4/2017	2:15:00	0	134.438	21	5594.4
10/4/2017	2:30:00	0	134.431	21	5636.5
10/4/2017	2:45:00	0	134.444	21	5604.1
10/4/2017	3:00:00	0	134.402	21	5602
10/4/2017	3:15:00	0	134.417	21	5651.6
10/4/2017	3:30:00	0	134.42	21.1	5652
10/4/2017	3:45:00	0	134.423	21	5713.2
10/4/2017	4:00:00	0	134.383	21	5768.3
10/4/2017	4:15:00	0	134.439	21	5683
10/4/2017	4:30:00	0	134.417	21	5746.7
10/4/2017	4:45:00	0	134.391	21	5776.9
10/4/2017	5:00:00	0	134.391	21	5850.4
10/4/2017	5:15:00	0	134.408	21	5822.3
10/4/2017	5:30:00	0	134.403	21	5850.4
10/4/2017	5:45:00	0	134.381	21.1	5848.1
10/4/2017	6:00:00	0	134.396	21.1	5934.4
10/4/2017	6:15:00	0	134.377	21.1	5871.9
10/4/2017	6:30:00	0	134.395	21.1	5919.3
10/4/2017	6:45:00	0	134.37	21.1	5971
10/4/2017	7:00:00	0	134.405	21.1	5901
10/4/2017	7:15:00	0	134.426	21.1	5975.4
10/4/2017	7:30:00	0	134.397	21.1	6010.9
10/4/2017	7:45:00	0	134.367	21.1	5964.6
10/4/2017	8:00:00	0	134.386	21.1	5964.6
10/4/2017	8:15:00	0	134.382	21.1	5977.5
10/4/2017	8:30:00	0	134.397	21.1	5991.5
10/4/2017	8:45:00	0	134.376	21.1	5929
10/4/2017	9:00:00	0	134.372	21.1	5878.3
10/4/2017	9:15:00	0	134.383	21.1	5882.6
10/4/2017	9:30:00	0	134.364	21.1	5869.7
10/4/2017	9:45:00	0	134.367	21.1	5875.1
10/4/2017	10:00:00	0	134.408	21.1	5852.5
10/4/2017	10:15:00	0	134.349	21.1	5771.6
10/4/2017	10:30:00	0	134.389	21.1	5818
10/4/2017	10:45:00	0	134.371	21.1	5770.5
10/4/2017	11:00:00	0	134.394	21.1	5866.5
10/4/2017	11:15:00	0	134.399	21.1	5793.2
10/4/2017	11:30:00	0	134.363	21.1	5777
10/4/2017	11:45:00	0	134.39	21.1	5708
10/4/2017	12:00:00	0	134.415	21.1	5801.8
10/4/2017	12:15:00	0	134.399	21.1	5709.1
10/4/2017	12:30:00	0	134.401	21.1	5657.3
10/4/2017	12:45:00	0	134.402	21.1	5658.4
10/4/2017	13:00:00	0	134.383	21.1	5627.2
10/4/2017	13:15:00	0	134.406	21.1	5621.8
10/4/2017	13:30:00	0	134.367	21.1	5640.1
10/4/2017	13:45:00	0	134.37	21.1	5584
10/4/2017	14:00:00	0	134.392	21.1	5608.8
10/4/2017	14:15:00	0	134.376	21.1	5626.1
10/4/2017	14:30:00	0	134.395	21.1	5625
10/4/2017	14:45:00	0	134.379	21.1	5579.7
10/4/2017	15:00:00	0	134.384	21.2	5638.2
10/4/2017	15:15:00	0	134.41	21.1	5600.2
10/4/2017	15:30:00	0	134.351	21.1	5692.9
10/4/2017	15:45:00	0	134.377	21.1	5644.4
10/4/2017	16:00:00	0	134.339	21.1	5682.1
10/4/2017	16:15:00	0	134.363	21.1	5677.8
10/4/2017	16:30:00	0	134.348	21.1	5698.3
10/4/2017	16:45:00	0	134.348	21.1	5760.8
10/4/2017	17:00:00	0	134.335	21.1	5789.9
10/4/2017	17:15:00	0	134.334	21.1	5767.3
10/4/2017	17:30:00	0	134.337	21.1	5833.1
10/4/2017	17:45:00	0	134.338	21	5816.9
10/4/2017	18:00:00	0	134.336	21.1	5808.3
10/4/2017	18:15:00	0	134.334	21.1	5857.9
10/4/2017	18:30:00	0	134.353	21.1	5844.9
10/4/2017	18:45:00	0	134.337	21	5894.6
10/4/2017	19:00:00	0	134.355	21	5922.7
10/4/2017	19:15:00	0	134.334	21	5943.2
10/4/2017	19:30:00	0	134.333	21	5899
10/4/2017	19:45:00	0	134.336	21.1	5825.5

10/4/2017	20:00:00	0	134.357	21.1	5878.3
10/4/2017	20:15:00	0	134.374	21.1	5839.5
10/4/2017	20:30:00	0	134.373	21.1	5824.4
10/4/2017	20:45:00	0	134.355	21.1	5767.3
10/4/2017	21:00:00	0	134.357	21.1	5758.7
10/4/2017	21:15:00	0	134.397	21.1	5789.9
10/4/2017	21:30:00	0	134.393	21.1	5715.6
10/4/2017	21:45:00	0	134.388	21	5738
10/4/2017	22:00:00	0	134.407	21	5717.5
10/4/2017	22:15:00	0	134.385	21	5663.5
10/4/2017	22:30:00	0	134.409	21	5622.5
10/4/2017	22:45:00	0	134.422	21	5624.6
10/4/2017	23:00:00	0	134.421	21	5540.4
10/4/2017	23:15:00	0	134.424	21	5557.7
10/4/2017	23:30:00	0	134.408	21	5583.6
10/4/2017	23:45:00	0	134.444	21	5536.1

Report Date: 10/9/2017 9:52
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_2017-10-05_09-47-43-180-BaroMerge.wsl
Create Date 10/9/2017 9:46

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: 3/15/2016 12:00:00 PM Stop Time: 3/24/2016 9:45:00 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: 3/22/2016 12:00:00 PM Stop Time: 3/31/2016 12:00:00 PM
4/7/2016 10:57 Log Download - Used Battery: 6% Used Memory: 15% User Name: KMakar Interval - Start Time: 2/29/2016 5:00:00 PM Stop Time: 4/7/2016 10:45:00 AM
4/14/2016 9:09 Log Download - Used Battery: 7% Used Memory: 17% User Name: SKuiper Interval - Start Time: 4/5/2016 12:00:00 PM Stop Time: 4/14/2016 9:45:00 AM
4/21/2016 9:05 Log Download - Used Battery: 7% Used Memory: 18% User Name: 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: 15% 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 8:45:00 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
10/9/2017 9:46 User Note: "Pressure & Level adjusted by baro data from: "MPWSP Barotroll_2017-10-05_19-08-59-078.wsl""

Log Data:
Record Count 3311

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

Time Zone: Pacific Daylight Time

		Sensor: PCTD(A) 35.8ft SNR: 427086		Sensor: PCTD(A) 35.8ft SNR: 427086		Sensor: PCTD(A) 35.8ft SNR: 427086		Sensor: PCTD(A) 35.8ft SNR: 427086	
Date and Time	Elapsed Time Seconds	Corrected		Corrected		Corrected		Corrected	
		Pressure (PSI)	Temperature (C)	Depth (ft)	Actual Conductivity (µS/cm)	Specific Conductivity (µS/cm)	Total Dissolved Solids (ppt)	Salinity (PSU)	Resistivity (ohm-cm)
9/28/2017 0:00		2340000	13.095	17.719	29.848	1884.456	2188.833	1.488	1.131
9/28/2017 0:15		2340900	13.095	17.72	29.847	1883.781	2188.024	1.488	1.131
9/28/2017 0:30		2341800	13.089	17.72	29.835	1883.499	2187.687	1.488	1.131
9/28/2017 0:45		2342700	13.095	17.72	29.847	1883.655	2187.891	1.488	1.131
9/28/2017 1:00		2343600	13.095	17.72	29.848	1884.093	2188.395	1.488	1.131
9/28/2017 1:15		2344500	13.094	17.72	29.846	1884.12	2188.43	1.488	1.131
9/28/2017 1:30		2345400	13.096	17.72	29.851	1884.271	2188.601	1.488	1.131
9/28/2017 1:45		2346300	13.103	17.72	29.866	1884.337	2188.669	1.488	1.131
9/28/2017 2:00		2347200	13.106	17.72	29.874	1884.514	2188.871	1.488	1.132
9/28/2017 2:15		2348100	13.101	17.72	29.861	1885.246	2189.734	1.489	1.132
9/28/2017 2:30		2349000	13.097	17.72	29.853	1885.151	2189.607	1.489	1.132
9/28/2017 2:45		2349900	13.104	17.72	29.867	1884.603	2189.537	1.485	1.128
9/28/2017 3:00		2350800	13.095	17.72	29.848	1884.373	2188.712	1.488	1.131
9/28/2017 3:15		2351700	13.102	17.72	29.864	1884.39	2188.745	1.488	1.131
9/28/2017 3:30		2352600	13.1	17.72	29.86	1884.39	2188.745	1.488	1.131
9/28/2017 3:45		2353500	13.105	17.72	29.871	1884.39	2188.745	1.488	1.131
9/28/2017 4:00		2354400	13.099	17.72	29.856	1884.39	2188.745	1.488	1.131
9/28/2017 4:15		2355300	13.1	17.72	29.86	1884.39	2188.745	1.488	1.131
9/28/2017 4:30		2356200	13.098	17.72	29.854	1884.39	2188.745	1.488	1.131
9/28/2017 4:45		2357100	13.096	17.72	29.85	1884.39	2188.745	1.488	1.131
9/28/2017 5:00		2358000	13.092	17.72	29.841	1884.39	2188.745	1.488	1.131
9/28/2017 5:15		2358900	13.093	17.72	29.842	1884.39	2188.745	1.488	1.131
9/28/2017 5:30		2359800	13.105	17.72	29.87	1884.39	2188.745	1.488	1.131
9/28/2017 5:45		2360700	13.095	17.72	29.869	1884.39	2188.745	1.488	1.131
9/28/2017 6:00		2361600	13.095	17.72	29.848	1884.39	2188.745	1.488	1.131
9/28/2017 6:15		2362500	13.09	17.72	29.835	1884.39	2188.745	1.488	1.131
9/28/2017 6:30		2363400	13.092	17.719	29.841	1884.39	2188.745	1.488	1.131
9/28/2017 6:45		2364300	13.09	17.72	29.836	1884.39	2188.745	1.488	1.131
9/28/2017 7:00		2365200	13.099	17.72	29.856	1884.39	2188.745	1.488	1.131
9/28/2017 7:15		2366100	13.097	17.72	29.851	1884.39	2188.745	1.488	1.131
9/28/2017 7:30		2367000	13.097	17.72	29.853	1884.39	2188.745	1.488	1.131
9/28/2017 7:45		2367900	13.081	17.72	29.817	1884.39	2188.745	1.488	1.131
9/28/2017 8:00		2368800	13.093	17.72	29.844	1884.39	2188.745	1.488	1.131
9/28/2017 8:15		2369700	13.091	17.72	29.838	1884.39	2188.745	1.488	1.131
9/28/2017 8:30		2370600	13.088	17.72	29.831	1884.39	2188.745	1.488	1.131
9/28/2017 8:45		2371500	13.089	17.72	29.835	1884.39	2188.745	1.488	1.131
9/28/2017 9:00		2372400	13.093	17.72	29.843	1884.39	2188.745	1.488	1.131
9/28/2017 9:15		2373300	13.088	17.72	29.832	1884.39	2188.745	1.488	1.131
9/28/2017 9:30		2374200	13.088	17.72	29.833	1884.39	2188.745	1.488	1.131
9/28/2017 9:45		2375100	13.095	17.72	29.847	1884.39	2188.745	1.488	1.131
9/28/2017 10:00		2376000	13.091	17.72	29.84	1884.39	2188.745	1.488	1.131
9/28/2017 10:15		2376900	13.088	17.72	29.832	1884.39	2188.745	1.488	1.131
9/28/2017 10:30		2377800	13.091	17.72	29.838	1884.39	2188.745	1.488	1.131
9/28/2017 10:45		2378700	13.091	17.72	29.838	1884.39	2188.745	1.488	1.131
9/28/2017 11:00		2379600	13.092	17.72	29.84	1884.39	2188.745	1.488	1.131
9/28/2017 11:15		2380500	13.095	17.719	29.849	1884.39	2188.745	1.488	1.131
9/28/2017 11:30		2381400	13.095	17.72	29.847	1884.39	2188.745	1.488	1.131
9/28/2017 11:45		2382300	13.096	17.72	29.85	1884.39	2188.745	1.488	1.131
9/28/2017 12:00		2383200	13.096	17.719	29.849	1884.39	2188.745	1.488	1.131
9/28/2017 12:15		2384100	13.098	17.72	29.855	1884.39	2188.745	1.488	1.131
9/28/2017 12:30		2385000	13.096	17.72	29.85	1884.39	2188.745	1.488	1.131
9/28/2017 12:45		2385900	13.104	17.719	29.867	1884.39	2188.745	1.488	1.131
9/28/2017 13:00		2386800	13.098	17.719	29.855	1884.39	2188.745	1.488	1.131
9/28/2017 13:15		2387700	13.099	17.72	29.856	1884.39	2188.745	1.488	1.131
9/28/2017 13:30		2388600	13.101	17.72	29.862	1884.39	2188.745	1.488	1.131
9/28/2017 13:45		2389500	13.103	17.719	29.865	1884.39	2188.745	1.488	1.131
9/28/2017 14:00		2390400	13.103	17.72	29.865	1884.39	2188.745	1.488	1.131
9/28/2017 14:15		2391300	13.103	17.719	29.866	1884.39	2188.745	1.488	1.131
9/28/2017 14:30		2392200	13.108	17.72	29.876	1884.39	2188.745	1.488	1.131
9/28/2017 14:45		2393100	13.104	17.719	29.868	1884.39	2188.745	1.488	1.131
9/28/2017 15:00		2394000	13.105	17.719	29.871	1884.39	2188.745	1.488	1.131
9/28/2017 15:15		2394900	13.098	17.72	29.854	1884.39	2188.745	1.488	1.131
9/28/2017 15:30		2395800	13.103	17.72	29.866	1884.39	2188.745	1.488	1.131

9/28/2017 15:45	2396700	13.104	17.719	29.869	1875.347	2178.257	1.481	1.126	533.235	1	14.693
9/28/2017 16:00	2397600	13.104	17.719	29.868	1875.181	2178.073	1.481	1.126	533.282	1	14.694
9/28/2017 16:15	2398500	13.103	17.72	29.866	1874.618	2177.397	1.481	1.125	533.442	1	14.695
9/28/2017 16:30	2399400	13.101	17.719	29.861	1874.573	2177.354	1.481	1.125	533.455	1	14.695
9/28/2017 16:45	2400300	13.097	17.72	29.852	1874.921	2177.746	1.481	1.125	533.356	1	14.699
9/28/2017 17:00	2401200	13.098	17.72	29.854	1874.378	2177.115	1.48	1.125	533.51	1	14.698
9/28/2017 17:15	2402100	13.1	17.719	29.86	1874.34	2177.1	1.48	1.125	533.521	1	14.697
9/28/2017 17:30	2403000	13.103	17.72	29.866	1873.967	2176.637	1.48	1.125	533.627	1	14.693
9/28/2017 17:45	2403900	13.093	17.72	29.843	1873.699	2176.322	1.48	1.125	533.704	1	14.702
9/28/2017 18:00	2404800	13.1	17.719	29.858	1874.435	2177.198	1.48	1.125	533.494	1	14.696
9/28/2017 18:15	2405700	13.102	17.719	29.865	1873.719	2176.366	1.48	1.125	533.698	1	14.693
9/28/2017 18:30	2406600	13.101	17.719	29.862	1873.567	2176.19	1.48	1.125	533.741	1	14.694
9/28/2017 18:45	2407500	13.096	17.719	29.859	1873.551	2177.5.395	1.481	1.124	533.803	1	14.699
9/28/2017 19:00	2408400	13.1	17.719	29.858	1873.118	2175.668	1.479	1.124	533.869	1	14.696
9/28/2017 19:15	2409300	13.098	17.72	29.853	1873.788	2176.409	1.48	1.125	533.678	1	14.697
9/28/2017 19:30	2410200	13.096	17.719	29.851	1873.398	2176.002	1.48	1.125	533.789	1	14.699
9/28/2017 19:45	2411100	13.097	17.719	29.852	1873.496	2176.103	1.48	1.125	533.761	1	14.698
9/28/2017 20:00	2412000	13.094	17.72	29.845	1873.207	2175.75	1.48	1.124	533.844	1	14.7
9/28/2017 20:15	2412900	13.1	17.719	29.859	1873.9	2176.568	1.48	1.125	533.646	1	14.695
9/28/2017 20:30	2413800	13.092	17.719	29.841	1873.852	2176.512	1.48	1.125	533.66	1	14.702
9/28/2017 20:45	2414700	13.096	17.719	29.849	1872.69	2175.167	1.479	1.124	533.991	1	14.701
9/28/2017 21:00	2415600	13.089	17.72	29.833	1872.62	2175.077	1.479	1.124	534.011	1	14.707
9/28/2017 21:15	2416500	13.092	17.72	29.841	1872.539	2174.979	1.479	1.124	534.034	1	14.705
9/28/2017 21:30	2417400	13.093	17.72	29.842	1872.633	2175.08	1.479	1.124	534.007	1	14.705
9/28/2017 21:45	2418300	13.09	17.719	29.836	1872.38	2174.803	1.479	1.124	534.09	1	14.707
9/28/2017 22:00	2419200	13.093	17.72	29.844	1872.231	2174.626	1.479	1.124	534.122	1	14.704
9/28/2017 22:15	2420100	13.097	17.72	29.851	1872.18	2174.566	1.479	1.124	534.137	1	14.701
9/28/2017 22:30	2421000	13.086	17.719	29.827	1873.082	2175.63	1.479	1.124	533.88	1	14.706
9/28/2017 22:45	2421900	13.091	17.719	29.838	1872.208	2174.612	1.479	1.124	534.129	1	14.708
9/28/2017 23:00	2422800	13.09	17.719	29.837	1872.019	2174.405	1.479	1.124	534.183	1	14.709
9/28/2017 23:15	2423700	13.09	17.72	29.837	1871.842	2174.263	1.478	1.124	534.233	1	14.73
9/28/2017 23:30	2424600	13.089	17.72	29.834	1872.6	2175.033	1.479	1.124	534.017	1	14.71
9/28/2017 23:45	2425500	13.087	17.719	29.83	1871.575	2173.88	1.478	1.123	534.309	1	14.714
9/29/2017 0:00	2426400	13.089	17.72	29.834	1871.648	2173.932	1.478	1.123	534.288	1	14.713
9/29/2017 0:15	2427300	13.087	17.72	29.83	1872.471	2174.904	1.479	1.124	534.054	1	14.715
9/29/2017 0:30	2428200	13.098	17.719	29.854	1871.959	2174.331	1.479	1.124	534.2	1	14.705
9/29/2017 0:45	2429100	13.095	17.719	29.846	1872.978	2175.151	1.479	1.124	533.909	1	14.709
9/29/2017 1:00	2430000	13.088	17.719	29.831	1872.567	2175.02	1.479	1.124	534.026	1	14.717
9/29/2017 1:15	2430900	13.095	17.72	29.847	1872.469	2174.884	1.479	1.124	534.054	1	14.71
9/29/2017 1:30	2431800	13.089	17.719	29.834	1872.781	2175.269	1.479	1.124	533.965	1	14.714
9/29/2017 1:45	2432700	13.092	17.72	29.841	1872.632	2175.078	1.479	1.124	534.008	1	14.712
9/29/2017 2:00	2433600	13.091	17.72	29.838	1872.721	2175.19	1.479	1.124	533.982	1	14.714
9/29/2017 2:15	2434500	13.094	17.719	29.845	1872.824	2175.245	1.479	1.124	533.953	1	14.713
9/29/2017 2:30	2435400	13.097	17.72	29.851	1873.891	2176.55	1.48	1.125	533.649	1	14.709
9/29/2017 2:45	2436300	13.093	17.72	29.842	1873.813	2176.455	1.48	1.125	533.671	1	14.713
9/29/2017 3:00	2437200	13.096	17.72	29.851	1873.271	2175.833	1.48	1.124	533.826	1	14.709
9/29/2017 3:15	2438100	13.093	17.72	29.843	1873.145	2175.67	1.479	1.124	533.862	1	14.712
9/29/2017 3:30	2439000	13.09	17.719	29.836	1872.869	2175.38	1.479	1.124	533.94	1	14.716
9/29/2017 3:45	2439900	13.089	17.72	29.834	1872.699	2175.165	1.479	1.124	533.989	1	14.713
9/29/2017 4:00	2440800	13.094	17.719	29.846	1872.641	2175.114	1.479	1.124	534.005	1	14.712
9/29/2017 4:15	2441700	13.091	17.719	29.839	1872.23	2174.637	1.479	1.124	534.122	1	14.716
9/29/2017 4:30	2442600	13.089	17.72	29.834	1872.034	2174.371	1.479	1.124	534.178	1	14.717
9/29/2017 4:45	2443500	13.096	17.72	29.849	1871.999	2174.348	1.479	1.124	534.188	1	14.712
9/29/2017 5:00	2444400	13.096	17.72	29.85	1871.606	2173.874	1.478	1.123	534.301	1	14.711
9/29/2017 5:15	2445300	13.091	17.72	29.839	1871.237	2173.441	1.478	1.123	534.406	1	14.715
9/29/2017 5:30	2446200	13.093	17.719	29.844	1871.195	2173.409	1.478	1.123	534.418	1	14.713
9/29/2017 5:45	2447100	13.098	17.72	29.854	1871.194	2173.421	1.478	1.123	534.418	1	14.709
9/29/2017 6:00	2448000	13.094	17.72	29.845	1871.314	2173.543	1.478	1.123	534.384	1	14.715
9/29/2017 6:15	2448900	13.084	17.72	29.822	1871.281	2173.501	1.478	1.123	534.393	1	14.718
9/29/2017 6:30	2449800	13.09	17.72	29.837	1871.033	2173.225	1.478	1.123	534.464	1	14.718
9/29/2017 6:45	2450700	13.094	17.719	29.846	1871.166	2173.393	1.478	1.123	534.426	1	14.714
9/29/2017 7:00	2451600	13.091	17.72	29.839	1870.871	2173.039	1.478	1.123	534.51	1	14.717
9/29/2017 7:15	2452500	13.094	17.719	29.846	1871.529	2173.819	1.478	1.123	534.322	1	14.715
9/29/2017 7:30	2453400	13.099	17.719	29.856	1871.346	2173.611	1.478	1.123	534.375	1	14.709
9/29/2017 7:45	2454300	13.082	17.72	29.818	1870.794	2172.944	1.478	1.123	534.532	1	14.727
9/29/2017 8:00	2455200	13.082	17.72	29.818	1870.685	2172.825	1.478	1.123	534.564	1	14.727
9/29/2017 8:15	2456100	13.078	17.719	29.81	1870.538	2172.667	1.477	1.123	534.606	1	14.731
9/29/2017 8:30	2457000	13.083	17.72	29.817	1870.328	2172.293	1.477	1.122	534.691	1	14.73
9/29/2017 8:45	2457900	13.078	17.719	29.809	1870.691	2172.854	1.478	1.123	534.562	1	14.735
9/29/2017 9:00	2458800	13.085	17.719	29.826	1869.306	2171.24	1.476	1.122	534.958	1	14.729
9/29/2017 9:15	2459700	13.084	17.719	29.823	1868.6	2170.413	1.476	1.121	535.16	1	14.73
9/29/2017 9:30	2460600	13.084	17.72	29.822	1868.526	2170.296	1.476	1.121	535.181	1	14.731
9/29/2017 9:45	2461500	13.087	17.719	29.83	1868.383	2170.173	1.476	1.121	535.222	1	14.729
9/29/2017 10:00	2462400	13.092	17.72	29.842	1869.113	2171.21	1.476	1.122	535.013	1	14.724
9/29/2017 10:15	2463300	13.09	17.719	29.836	1868.581	2170.39	1.476	1.121	535.165	1	14.725
9/29/2017 10:30	2464200	13.095	17.72	29.849	1869.089	2170.951	1.476	1.122	535.02	1	14.72
9/29/2017 10:45	2465100	13.084	17.72	29.823	1869.678	2171.639	1.477	1.122	534.851	1	14.732
9/29/2017 11:00	2466000	13.081	17.72	29.815	1869.982	2172.009	1.477	1.122	534.765	1	14.737
9/29/2017 11:15	2466900	13.087	17.72	29.829	1870.341	2172.413	1.477	1.123	534.662	1	14.731
9/29/2017 11:30	2467800	13.084	17.72	29.823	1870.228	2172.274	1.477	1.122	534.694	1	14.733
9/29/2017 11:45	2468700	13.084	17.72	29.824	1870.115	2172.167	1.477	1.122	534.727	1	14.733
9/29/2017 12:00	2469600	13.085	17.72	29.824	1870.018	2172.039	1.477	1.122	534.754	1	14.734
9/29/2017 12:15	2470500	13.084	17.72	29.821	1870.666	2172.803	1.478	1.123	534.569	1	14.737
9/29/2017 12:30	2471400	13.096	17.72	29.851	1870.239	2172.299	1.477	1.122	534.691	1	14.737
9/29/2017 12:45	2472300	13.095	17.72	29.847	1868.706	2170.531	1.476	1.122	535.13	1	14.725
9/29/2017 13:00	2473200	13.097	17.719	29.852	1869.582	2170.862	1.476	1.122	535.045	1	14.723
9/29/2017 13:15	2474100	13.093	17.72	29.844	1868.493	2170.276	1.476	1.121	535.191	1	14.721

9/30/2017 20:30	2586600	13.09	17.72	29.836	1860.288	2160.745	1.469	1.116	537.551	1	14.7
9/30/2017 20:45	2587500	13.089	17.72	29.835	1860.479	2160.972	1.469	1.116	537.496	1	14.702
9/30/2017 21:00	2588400	13.083	17.719	29.82	1860.647	2161.175	1.47	1.116	537.447	1	14.703
9/30/2017 21:15	2589300	13.087	17.719	29.829	1859.524	2159.874	1.469	1.116	537.772	1	14.704
9/30/2017 21:30	2590200	13.089	17.719	29.834	1859.278	2159.593	1.469	1.116	537.843	1	14.702
9/30/2017 21:45	2591100	13.088	17.72	29.832	1859.176	2159.449	1.468	1.116	537.873	1	14.704
9/30/2017 22:00	2592000	13.089	17.72	29.831	1858.929	2159.175	1.469	1.115	537.944	1	14.702
9/30/2017 22:15	2592900	13.089	17.72	29.835	1858.894	2159.108	1.468	1.115	537.954	1	14.702
9/30/2017 22:30	2593800	13.089	17.72	29.834	1859.139	2159.406	1.468	1.115	537.883	1	14.703
9/30/2017 22:45	2594700	13.088	17.719	29.832	1859.79	2160.205	1.469	1.116	537.695	1	14.703
9/30/2017 23:00	2595600	13.09	17.72	29.836	1859.322	2159.627	1.469	1.116	537.831	1	14.703
9/30/2017 23:15	2596500	13.09	17.72	29.836	1859.41	2159.717	1.469	1.116	537.805	1	14.702
9/30/2017 23:30	2597400	13.092	17.72	29.841	1859.485	2160.053	1.469	1.116	537.725	1	14.699
9/30/2017 23:45	2598300	13.09	17.72	29.835	1860.381	2160.844	1.469	1.116	537.524	1	14.702
10/1/2017 0:00	2599200	13.093	17.72	29.842	1859.548	2159.89	1.469	1.116	537.765	1	14.7
10/1/2017 0:15	2600100	13.09	17.72	29.836	1860.421	2160.896	1.469	1.116	537.513	1	14.701
10/1/2017 0:30	2601000	13.087	17.719	29.83	1859.611	2159.975	1.469	1.116	537.747	1	14.703
10/1/2017 0:45	2601900	13.095	17.719	29.848	1859.657	2160.038	1.469	1.116	537.733	1	14.696
10/1/2017 1:00	2602800	13.091	17.719	29.838	1859.798	2160.218	1.469	1.116	537.693	1	14.7
10/1/2017 1:15	2603700	13.097	17.72	29.851	1859.995	2160.409	1.469	1.116	537.636	1	14.698
10/1/2017 1:30	2604600	13.096	17.719	29.85	1861.358	2162.013	1.47	1.117	537.242	1	14.693
10/1/2017 1:45	2605500	13.1	17.72	29.86	1860.826	2161.37	1.47	1.117	537.396	1	14.689
10/1/2017 2:00	2606400	13.101	17.719	29.861	1860.897	2161.478	1.47	1.117	537.375	1	14.689
10/1/2017 2:15	2607300	13.097	17.72	29.853	1861.51	2162.169	1.47	1.117	537.198	1	14.692
10/1/2017 2:30	2608200	13.104	17.72	29.860	1860.625	2161.129	1.47	1.116	537.454	1	14.684
10/1/2017 2:45	2609100	13.106	17.719	29.873	1860.551	2161.063	1.47	1.116	537.475	1	14.681
10/1/2017 3:00	2610000	13.101	17.719	29.861	1860.573	2161.11	1.47	1.116	537.469	1	14.685
10/1/2017 3:15	2610900	13.095	17.719	29.849	1860.396	2160.913	1.469	1.116	537.52	1	14.69
10/1/2017 3:30	2611800	13.095	17.72	29.848	1860.172	2160.593	1.469	1.116	537.585	1	14.691
10/1/2017 3:45	2612700	13.098	17.719	29.854	1860.801	2161.366	1.47	1.117	537.403	1	14.691
10/1/2017 4:00	2613600	13.1	17.72	29.859	1860.043	2160.469	1.469	1.116	537.622	1	14.685
10/1/2017 4:15	2614500	13.1	17.72	29.858	1859.956	2160.367	1.469	1.116	537.647	1	14.684
10/1/2017 4:30	2615400	13.102	17.72	29.865	1859.986	2160.399	1.469	1.116	537.638	1	14.682
10/1/2017 4:45	2616300	13.093	17.719	29.844	1860.683	2161.237	1.47	1.116	537.437	1	14.684
10/1/2017 5:00	2617200	13.095	17.72	29.847	1860.092	2160.518	1.469	1.116	537.608	1	14.687
10/1/2017 5:15	2618100	13.087	17.72	29.83	1860.111	2160.54	1.469	1.116	537.602	1	14.695
10/1/2017 5:30	2619000	13.083	17.719	29.821	1860.612	2160.612	1.469	1.116	537.589	1	14.699
10/1/2017 5:45	2619900	13.095	17.719	29.848	1860.758	2161.304	1.47	1.117	537.415	1	14.687
10/1/2017 6:00	2620800	13.087	17.719	29.828	1859.669	2160.038	1.469	1.116	537.73	1	14.695
10/1/2017 6:15	2621700	13.089	17.719	29.834	1859.722	2160.104	1.469	1.116	537.715	1	14.693
10/1/2017 6:30	2622600	13.092	17.719	29.841	1859.484	2159.832	1.469	1.116	537.784	1	14.69
10/1/2017 6:45	2623500	13.087	17.72	29.829	1859.036	2159.291	1.468	1.115	537.913	1	14.696
10/1/2017 7:00	2624400	13.077	17.72	29.806	1858.87	2159.103	1.468	1.115	537.961	1	14.697
10/1/2017 7:15	2625300	13.077	17.72	29.807	1858.522	2158.693	1.468	1.115	538.062	1	14.704
10/1/2017 7:30	2626200	13.084	17.719	29.822	1857.945	2158.044	1.467	1.115	538.229	1	14.7
10/1/2017 7:45	2627100	13.081	17.72	29.816	1857.433	2157.417	1.467	1.114	538.377	1	14.703
10/1/2017 8:00	2628000	13.082	17.72	29.818	1857.33	2157.301	1.467	1.114	538.407	1	14.703
10/1/2017 8:15	2628900	13.079	17.719	29.811	1856.798	2156.704	1.467	1.114	538.562	1	14.706
10/1/2017 8:30	2629800	13.073	17.72	29.796	1857.5	2157.507	1.467	1.113	538.58	1	14.713
10/1/2017 8:45	2630700	13.075	17.72	29.802	1856.478	2156.324	1.466	1.114	538.654	1	14.711
10/1/2017 9:00	2631600	13.083	17.72	29.821	1857.216	2157.185	1.467	1.114	538.44	1	14.703
10/1/2017 9:15	2632500	13.083	17.72	29.819	1856.419	2156.239	1.466	1.114	538.672	1	14.705
10/1/2017 9:30	2633400	13.079	17.719	29.812	1856.552	2156.419	1.466	1.114	538.633	1	14.705
10/1/2017 9:45	2634300	13.078	17.72	29.809	1856.715	2156.595	1.466	1.114	538.586	1	14.707
10/1/2017 10:00	2635200	13.082	17.719	29.818	1856.755	2156.655	1.467	1.114	538.574	1	14.707
10/1/2017 10:15	2636100	13.089	17.72	29.825	1856.97	2156.888	1.467	1.114	538.512	1	14.709
10/1/2017 10:30	2637000	13.081	17.719	29.816	1857.086	2157.047	1.467	1.114	538.478	1	14.703
10/1/2017 10:45	2637900	13.087	17.72	29.829	1857.172	2157.134	1.467	1.114	538.453	1	14.702
10/1/2017 11:00	2638800	13.093	17.719	29.843	1856.915	2156.848	1.467	1.114	538.528	1	14.695
10/1/2017 11:15	2639700	13.097	17.72	29.852	1857.13	2157.073	1.467	1.115	538.465	1	14.691
10/1/2017 11:30	2640600	13.091	17.72	29.839	1857.43	2157.413	1.467	1.114	538.378	1	14.695
10/1/2017 11:45	2641500	13.093	17.719	29.843	1857.691	2157.741	1.467	1.115	538.367	1	14.693
10/1/2017 12:00	2642400	13.091	17.72	29.838	1857.605	2157.633	1.467	1.115	538.328	1	14.695
10/1/2017 12:15	2643300	13.091	17.72	29.838	1857.556	2157.568	1.467	1.114	538.342	1	14.695
10/1/2017 12:30	2644200	13.091	17.719	29.837	1857.413	2157.418	1.467	1.114	538.383	1	14.694
10/1/2017 12:45	2645100	13.092	17.72	29.841	1857.223	2157.185	1.467	1.114	538.438	1	14.692
10/1/2017 13:00	2646000	13.094	17.719	29.845	1857.381	2157.402	1.467	1.114	538.392	1	14.69
10/1/2017 13:15	2646900	13.092	17.72	29.841	1856.416	2156.264	1.466	1.114	538.672	1	14.69
10/1/2017 13:30	2647800	13.1	17.72	29.86	1856.029	2155.807	1.466	1.114	538.785	1	14.681
10/1/2017 13:45	2648700	13.096	17.72	29.85	1855.931	2155.676	1.466	1.113	538.813	1	14.681
10/1/2017 14:00	2649600	13.101	17.719	29.861	1855.99	2155.766	1.466	1.114	538.796	1	14.679
10/1/2017 14:15	2650500	13.108	17.72	29.876	1856.048	2155.812	1.466	1.114	538.779	1	14.673
10/1/2017 14:30	2651400	13.104	17.719	29.869	1856.693	2156.582	1.466	1.114	538.592	1	14.673
10/1/2017 14:45	2652300	13.108	17.72	29.876	1857.007	2156.955	1.467	1.114	538.501	1	14.671
10/1/2017 15:00	2653200	13.103	17.72	29.866	1857.045	2156.97	1.467	1.114	538.49	1	14.666
10/1/2017 15:15	2654100	13.118	17.72	29.9	1857.958	2158.047	1.467	1.115	538.225	1	14.655
10/1/2017 15:30	2655000	13.112	17.72	29.886	1858.478	2158.647	1.468	1.115	538.075	1	14.659
10/1/2017 15:45	2655900	13.113	17.72	29.888	1857.52	2157.526	1.467	1.114	538.352	1	14.658
10/1/2017 16:00	2656800	13.118	17.72	29.9	1857.472	2157.483	1.467	1.114	538.366	1	14.65
10/1/2017 16:15	2657700	13.113	17.719	29.889	1857.059	2157.059	1.467	1.114	538.474	1	14.652
10/1/2017 16:30	2658600	13.11	17.72	29.881	1857.016	2156.92	1.467	1.114	538.498	1	14.651
10/1/2017 16:45	2659500	13.102	17.72	29.863	1856.832	2156.718	1.467	1.114	538.552	1	14.656
10/1/2017 17:00	2660400	13.111	17.72	29.883	1856.287	2156.098	1.466	1.114	538.71	1	14.649
10/1/2017 17:15	2661300	13.113	17.719	29.888	1856.584	2156.464	1.466	1.114	538.624	1	14.646
10/1/2017 17:30	2662200	13.109	17.72	29.88	1855.62	2155.319	1.466	1.113	538.904	1	14.648
10/1/2017 17:45	2663100	13.115	17.72	29.892	1855.027	2154.635	1.465	1.113	539.076	1	14.642
10/1/2017 18:00	2664000	13.11	17.72	29.883	1854.862	2154.451	1.465	1.113	539.124	1	14.644

10/3/2017 1:15	2776500	13.1	17.72	29.858	1846.837	2145.126	1.459	1.108	541.466	0.999	14.616
10/3/2017 1:30	2777400	13.1	17.72	29.859	1845.698	2143.802	1.458	1.107	541.801	0.999	14.616
10/3/2017 1:45	2778300	13.096	17.72	29.851	1845.525	2143.606	1.458	1.107	541.851	0.999	14.619
10/3/2017 2:00	2779200	13.095	17.72	29.848	1846.417	2144.634	1.458	1.107	541.589	0.999	14.619
10/3/2017 2:15	2780100	13.09	17.72	29.835	1845.163	2143.181	1.457	1.107	541.958	0.999	14.624
10/3/2017 2:30	2781000	13.094	17.719	29.845	1845.044	2143.055	1.457	1.107	541.992	0.999	14.619
10/3/2017 2:45	2781900	13.097	17.72	29.852	1845.216	2143.235	1.457	1.107	541.942	0.999	14.616
10/3/2017 3:00	2782800	13.089	17.72	29.834	1845.197	2143.204	1.457	1.107	541.948	0.999	14.624
10/3/2017 3:15	2783700	13.096	17.72	29.849	1845.218	2143.237	1.457	1.107	541.941	0.999	14.617
10/3/2017 3:30	2784600	13.086	17.72	29.826	1844.939	2142.925	1.457	1.107	542.023	0.999	14.626
10/3/2017 3:45	2785500	13.092	17.72	29.842	1845.653	2143.738	1.458	1.107	541.814	0.999	14.619
10/3/2017 4:00	2786400	13.089	17.72	29.833	1844.823	2142.35	1.457	1.106	542.116	0.999	14.623
10/3/2017 4:15	2787300	13.09	17.72	29.836	1845.357	2143.394	1.458	1.107	541.901	0.999	14.621
10/3/2017 4:30	2788200	13.087	17.72	29.83	1845.191	2143.214	1.457	1.107	541.949	0.999	14.623
10/3/2017 4:45	2789100	13.088	17.72	29.833	1844.029	2141.864	1.456	1.106	542.291	0.999	14.623
10/3/2017 5:00	2790000	13.095	17.719	29.848	1844.123	2141.982	1.457	1.106	542.263	0.999	14.615
10/3/2017 5:15	2790900	13.085	17.72	29.824	1845.034	2143.023	1.457	1.107	541.995	0.999	14.625
10/3/2017 5:30	2791800	13.084	17.72	29.824	1845.014	2143.005	1.457	1.107	542.001	0.999	14.623
10/3/2017 5:45	2792700	13.09	17.719	29.835	1843.98	2141.815	1.456	1.106	542.305	0.999	14.619
10/3/2017 6:00	2793600	13.089	17.719	29.834	1844.451	2142.383	1.457	1.106	542.167	0.999	14.62
10/3/2017 6:15	2794500	13.087	17.719	29.83	1843.997	2141.835	1.456	1.106	542.3	0.999	14.622
10/3/2017 6:30	2795400	13.082	17.72	29.817	1843.761	2141.541	1.456	1.106	542.37	0.999	14.627
10/3/2017 6:45	2796300	13.092	17.72	29.841	1843.94	2141.736	1.456	1.106	542.317	0.999	14.617
10/3/2017 7:00	2797200	13.08	17.72	29.813	1843.925	2141.748	1.456	1.106	542.321	0.999	14.625
10/3/2017 7:15	2798100	13.078	17.72	29.808	1843.701	2141.47	1.456	1.106	542.387	0.999	14.627
10/3/2017 7:30	2799000	13.082	17.719	29.818	1843.575	2141.354	1.456	1.106	542.424	0.999	14.628
10/3/2017 7:45	2799900	13.073	17.719	29.798	1844.659	2142.608	1.457	1.106	542.106	0.999	14.631
10/3/2017 8:00	2800800	13.073	17.719	29.798	1844.731	2142.696	1.457	1.106	542.085	0.999	14.636
10/3/2017 8:15	2801700	13.073	17.72	29.798	1843.677	2141.435	1.456	1.106	542.394	0.999	14.638
10/3/2017 8:30	2802600	13.072	17.719	29.794	1844.068	2141.93	1.457	1.106	542.279	0.999	14.64
10/3/2017 8:45	2803500	13.077	17.719	29.806	1842.886	2140.545	1.456	1.105	542.627	0.999	14.637
10/3/2017 9:00	2804400	13.072	17.72	29.794	1842.649	2140.257	1.455	1.105	542.697	0.999	14.641
10/3/2017 9:15	2805300	13.065	17.719	29.78	1843.303	2141.046	1.456	1.106	542.504	0.999	14.649
10/3/2017 9:30	2806200	13.064	17.72	29.777	1842.075	2139.599	1.455	1.105	542.866	0.999	14.652
10/3/2017 9:45	2807100	13.063	17.72	29.775	1841.699	2139.153	1.455	1.104	542.977	0.999	14.654
10/3/2017 10:00	2808000	13.065	17.72	29.78	1841.376	2138.783	1.454	1.104	543.072	0.999	14.653
10/3/2017 10:15	2808900	13.062	17.72	29.771	1841.239	2138.615	1.454	1.104	543.113	0.999	14.654
10/3/2017 10:30	2809800	13.063	17.72	29.774	1841.099	2138.461	1.454	1.104	543.154	0.999	14.659
10/3/2017 10:45	2810700	13.059	17.72	29.767	1841.054	2138.4	1.454	1.104	543.167	0.999	14.664
10/3/2017 11:00	2811600	13.062	17.72	29.773	1840.919	2138.239	1.454	1.104	543.207	0.999	14.661
10/3/2017 11:15	2812500	13.067	17.719	29.784	1841.05	2138.413	1.454	1.104	543.168	0.999	14.654
10/3/2017 11:30	2813400	13.07	17.72	29.791	1841.852	2139.331	1.455	1.105	542.932	0.999	14.658
10/3/2017 11:45	2814300	13.066	17.72	29.781	1841.599	2139.034	1.455	1.104	543.006	0.999	14.663
10/3/2017 12:00	2815200	13.074	17.72	29.799	1841.789	2139.262	1.455	1.105	542.95	0.999	14.656
10/3/2017 12:15	2816100	13.071	17.719	29.793	1841.822	2139.326	1.455	1.105	542.941	0.999	14.659
10/3/2017 12:30	2817000	13.068	17.719	29.786	1841.802	2139.298	1.455	1.105	542.947	0.999	14.663
10/3/2017 12:45	2817900	13.07	17.72	29.791	1842.51	2140.092	1.455	1.105	542.738	0.999	14.662
10/3/2017 13:00	2818800	13.066	17.72	29.782	1841.585	2139.009	1.455	1.104	543.01	0.999	14.667
10/3/2017 13:15	2819700	13.07	17.72	29.792	1842.582	2140.192	1.455	1.105	542.717	0.999	14.664
10/3/2017 13:30	2820600	13.066	17.719	29.781	1842.708	2140.351	1.455	1.105	542.68	0.999	14.67
10/3/2017 13:45	2821500	13.064	17.72	29.778	1842.073	2139.592	1.455	1.105	542.867	0.999	14.672
10/3/2017 14:00	2822400	13.064	17.719	29.777	1842.868	2140.537	1.456	1.105	542.632	0.999	14.674
10/3/2017 14:15	2823300	13.069	17.719	29.789	1841.964	2139.478	1.455	1.105	542.899	0.999	14.67
10/3/2017 14:30	2824200	13.06	17.72	29.768	1841.539	2138.968	1.454	1.104	543.024	0.999	14.678
10/3/2017 14:45	2825100	13.065	17.72	29.778	1841.328	2138.727	1.454	1.104	543.086	0.999	14.677
10/3/2017 15:00	2826000	13.064	17.72	29.778	1840.943	2138.276	1.454	1.104	543.2	0.999	14.678
10/3/2017 15:15	2826900	13.065	17.72	29.78	1840.594	2137.862	1.454	1.104	543.303	0.999	14.678
10/3/2017 15:30	2827800	13.054	17.72	29.755	1840.419	2137.675	1.454	1.104	543.354	0.999	14.69
10/3/2017 15:45	2828700	13.072	17.72	29.794	1840.304	2137.53	1.454	1.104	543.388	0.999	14.675
10/3/2017 16:00	2829600	13.061	17.72	29.771	1840.357	2137.574	1.454	1.104	543.373	0.999	14.685
10/3/2017 16:15	2830500	13.07	17.719	29.79	1840.255	2137.497	1.453	1.104	543.403	0.999	14.679
10/3/2017 16:30	2831400	13.066	17.72	29.782	1840.405	2137.237	1.453	1.103	543.465	0.999	14.685
10/3/2017 16:45	2832300	13.065	17.72	29.779	1839.812	2136.961	1.453	1.103	543.534	0.999	14.685
10/3/2017 17:00	2833200	13.06	17.72	29.768	1839.897	2137.057	1.453	1.103	543.509	0.999	14.692
10/3/2017 17:15	2834100	13.063	17.72	29.774	1839.725	2136.865	1.453	1.103	543.56	0.999	14.69
10/3/2017 17:30	2835000	13.069	17.72	29.788	1839.703	2136.835	1.453	1.103	543.566	0.999	14.685
10/3/2017 17:45	2835900	13.07	17.719	29.79	1839.804	2136.969	1.453	1.103	543.536	0.999	14.686
10/3/2017 18:00	2836800	13.061	17.72	29.771	1839.924	2137.096	1.453	1.103	543.501	0.999	14.696
10/3/2017 18:15	2837700	13.059	17.72	29.766	1839.734	2136.876	1.453	1.103	543.557	0.999	14.699
10/3/2017 18:30	2838600	13.062	17.72	29.772	1840.852	2138.178	1.454	1.104	543.227	0.999	14.698
10/3/2017 18:45	2839500	13.06	17.72	29.767	1839.925	2137.101	1.453	1.103	543.5	0.999	14.701
10/3/2017 19:00	2840400	13.064	17.719	29.776	1840.094	2137.302	1.453	1.103	543.451	0.999	14.699
10/3/2017 19:15	2841300	13.06	17.72	29.769	1840.858	2138.181	1.454	1.104	543.225	0.999	14.703
10/3/2017 19:30	2842200	13.055	17.719	29.757	1840.095	2138.057	1.454	1.104	543.273	0.999	14.705
10/3/2017 19:45	2843100	13.06	17.72	29.769	1839.265	2136.314	1.453	1.103	543.696	0.999	14.706
10/3/2017 20:00	2844000	13.054	17.719	29.755	1840.241	2137.481	1.453	1.104	543.407	0.999	14.714
10/3/2017 20:15	2844900	13.063	17.72	29.775	1839.357	2136.437	1.453	1.103	543.668	0.999	14.707
10/3/2017 20:30	2845800	13.054	17.72	29.754	1839.819	2136.958	1.453	1.103	543.532	0.999	14.717
10/3/2017 20:45	2846700	13.059	17.72	29.765	1839.701	2136.829	1.453	1.103	543.567	0.999	14.714
10/3/2017 21:00	2847600	13.056	17.72	29.758	1839.779	2136.915	1.453	1.103	543.544	0.999	14.718
10/3/2017 21:15	2848500	13.058	17.72	29.762	1839.646	2136.744	1.453	1.103	543.583	0.999	14.719
10/3/2017 21:30	2849400	13.058	17.719	29.762	1839.725	2136.874	1.453	1.103	543.56	0.999	14.719
10/3/2017 21:45	2850300	13.052	17.72	29.75	1840.267	2137.486	1.453	1.104	543.399	0.999	14.721
10/3/2017 22:00	2851200	13.06	17.72	29.768	1839.184	2136.237	1.453	1.103	543.719	0.999	14.722
10/3/2017 22:15	2852100	13.059	17.72	29.765	1839.95						

Report Date:	10/9/2017 9:52										
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_2017-10-05_13-37-02-438-BaroMerge.wsl										
Create Date	10/9/2017 9:46										
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								
Used Memory	20		1 (Modbus-RTU)								
Used Battery	11										
Log Configuration											
Log Name	MPWSP MW-8D LT Test										
Created By	AVanHaitsma										
Computer Name	PROBOOK2										
Application	WinSitu.exe										
Application Version	5.6.27.1										
Create Date	6/22/2017 11:17:22 AM Pacific Daylight Time										
Log Setup Time Zone	Pacific Daylight Time										
Notes Size(bytes)	4096										
Overwrite when full	Enabled										
Scheduled Start Time	6/22/2017 11:30:00 AM Pacific Daylight Time										
Scheduled Stop Time	No Stop Time										
Type	Linear										
Interval	Days: 0 hrs: 00 mins: 15 secs: 00										
Level Reference Settings At Log Creation											
Level Measurement Mode	Depth										
Specific Gravity	1.012										
Other Log Settings											
Depth of Probe:	329.048 (ft)										
Head Pressure:	144.363 (PSI)										
Temperature:	20.3733 (C)										
Specific Conductivity Model:	Standard Methods										
Reference Temperature:	25										
Temperature Coefficient:	0.0191										
TDS Factor:	0.68										
Log Notes:											
Date and Time	Note										
6/22/2017 11:17 Used Battery: 11% Used Memory: 20% User Name: AVanHaitsma											
6/22/2017 11:32 Log Download - Used Battery: 11% Used Memory: 20% User Name: AVanHaitsma Interval - Start Time: 6/22/2017 11:30:00 AM Stop Time: 6/22/2017 12:30:00 PM											
6/29/2017 15:12 Log Download - Used Battery: 11% Used Memory: 20% User Name: WMassoll Interval - Start Time: 6/21/2017 10:00:00 PM Stop Time: 6/29/2017 4:00:00 PM											
7/6/2017 7:41 Log Download - Used Battery: 12% Used Memory: 21% User Name: AVanHaitsma Interval - Start Time: 5/31/2017 10:00:00 PM Stop Time: 7/6/2017 8:30:00 AM											
7/13/2017 13:33 Log Download - Used Battery: 12% Used Memory: 21% User Name: WMassoll Interval - Start Time: 7/5/2017 10:00:00 PM Stop Time: 7/13/2017 1:30:00 PM											
7/20/2017 11:15 Log Download - Used Battery: 13% Used Memory: 23% User Name: WMassoll Interval - Start Time: 7/12/2017 10:00:00 PM Stop Time: 7/20/2017 11:15:00 AM											
7/27/2017 10:25 Log Download - Used Battery: 13% Used Memory: 23% User Name: AVanHaitsma Interval - Start Time: 7/19/2017 10:00:00 PM Stop Time: 7/27/2017 11:15:00 AM											
8/3/2017 10:58 Log Download - Used Battery: 13% Used Memory: 25% User Name: AVanHaitsma Interval - Start Time: 6/30/2017 10:00:00 PM Stop Time: 8/3/2017 11:30:00 AM											
8/10/2017 11:24 Log Download - Used Battery: 14% Used Memory: 25% User Name: WMassoll Interval - Start Time: 8/2/2017 10:00:00 PM Stop Time: 8/10/2017 12:15:00 PM											
8/17/2017 12:13 Log Download - Used Battery: 14% Used Memory: 26% User Name: AVanHaitsma Interval - Start Time: 8/9/2017 10:00:00 PM Stop Time: 8/17/2017 1:00:00 PM											
8/24/2017 9:06 Log Download - Used Battery: 14% Used Memory: 26% User Name: AVanHaitsma Interval - Start Time: 8/16/2017 10:00:00 PM Stop Time: 8/24/2017 10:00:00 AM											
9/1/2017 12:32 Log Download - Used Battery: 15% Used Memory: 28% User Name: WMassoll Interval - Start Time: 7/31/2017 10:00:00 PM Stop Time: 9/1/2017 1:30:00 PM											
9/7/2017 12:58 Log Download - Used Battery: 15% Used Memory: 28% User Name: WMassoll Interval - Start Time: 8/31/2017 10:00:00 PM Stop Time: 9/7/2017 1:45:00 PM											
9/14/2017 13:36 Log Download - Used Battery: 15% Used Memory: 29% User Name: AVanHaitsma Interval - Start Time: 9/6/2017 10:00:00 PM Stop Time: 9/14/2017 2:30:00 PM											
9/21/2017 12:50 Log Download - Used Battery: 16% Used Memory: 29% User Name: AVanHaitsma Interval - Start Time: 9/13/2017 10:00:00 PM Stop Time: 9/21/2017 1:45:00 PM											
9/28/2017 11:58 Log Download - Used Battery: 16% Used Memory: 31% User Name: WMassoll Interval - Start Time: 9/20/2017 10:00:00 PM Stop Time: 9/28/2017 12:45:00 PM											
10/5/2017 13:34 Log Download - Used Battery: 17% Used Memory: 31% User Name: WMassoll Interval - Start Time: 8/31/2017 10:00:00 PM Stop Time: 10/5/2017 2:30:00 PM											
10/9/2017 9:46 User Note: "Pressure & Level adjusted by baro data from: "MPWSP Barotroll_2017-10-05_19-08-59-078.wsl""											
Log Data:											
Record Count	3327										
Sensors											
2											
1											
469355 PCTD 300 PSIA (200.7m/658.7ft)											
2											
0 Baro-Adjustment Calc											
Time Zone: Pacific Daylight Time											
	Sensor: PCTD(A) 658.7ft SNR: 469355 Corrected	Sensor: PCTD(A) 658.7ft SNR: 469355	Sensor: PCTD(A) 658.7ft SNR: 469355 Corrected	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	Pressure (PSI)	Temperature (C)	Depth (ft)	Actual Conductivity (µS/cm)	Specific Conductivity (µS/cm)	Salinity (PSU)	Total Dissolved Solids (ppt)	Resistivity (ohm-cm)	Water Density (g/cm3)	Barometric Pressure (PSI)
9/28/2017 0:00	2340000	130.276	20.379	296.94	12168.302	13346.145	7.782	9.075	82.181	1.004	14.692
9/28/2017 0:15	2340900	130.277	20.377	296.943	12166.797	13345.076	7.781	9.075	82.191	1.004	14.693
9/28/2017 0:30	2341800	130.248	20.386	296.875	12169.962	13346.113	7.782	9.075	82.17	1.004	14.699
9/28/2017 0:45	2342700	130.282	20.391	296.952	12166.824	13341.357	7.779	9.072	82.191	1.004	14.694
9/28/2017 1:00	2343600	130.243	20.408	296.843	12166.706	13336.433	7.776	9.069	82.192	1.008	14.694
9/28/2017 1:15	2344500	130.238	20.394	296.853	12160.54	13333.421	7.774	9.067	82.233	1.004	14.695
9/28/2017 1:30	2345400	130.23	20.385	296.834	12170.943	13347.337	7.783	9.076	82.163	1.004	14.692
9/28/2017 1:45	2346300	130.239	20.393	296.854	12172.355	13346.791	7.783	9.076	82.153	1.004	14.687
9/28/2017 2:00	2347200	130.231	20.405	296.837	12168.902	13339.718	7.778	9.071	82.177	1.004	14.683
9/28/2017 2:15	2348100	130.223	20.399	296.818	12175.048	13348.159	7.784	9.077	82.135	1.004	14.689
9/28/2017 2:30	2349000	130.212	20.394	296.793	12178.539	13351.646	7.775	9.068	82.225	1.004	14.693
9/28/2017 2:45	2349900	130.216	20.389	296.803	12163.964	13338.758	7.778	9.07	82.21	1.004	14.688
9/28/2017 3:00	2350800	130.238	20.405	296.853	12169.636	13340.376	7.779	9.071	82.172	1.004	14.693
9/28/2017 3:15	2351700	130.212	20.382	296.794	12169.677	13346.849	7.783	9.076	82.171	1.004	14.688
9/28/2017 3:30	2352600	130.214	20.393	296.797	12173.923	13348.482	7.784	9.077	82.143	1.004	14.686
9/28/2017 3:45	2353500	130.209	20.404	296.786	12166.341	13337.126	7.777	9.069	82.194	1.004	14.684
9/28/2017 4:00	2354400	130.196	20.393	296.756	12169.37	13343.395	7.781	9.074	82.174	1.004	14.691
9/28/2017 4:15	2355300	130.207	20.381	296.782	12177.263	13355.533	7.788	9.082	82.12	1.004	14.69
9/28/2017 4:30	2356200	130.203	20.413	296.773	12169.64	13338.117	7.777	9.07	82.172	1.004	14.692
9/28/2017 4:45	2357100	130.197	20.391	296.76	12174.705	13349.952	7.785	9.078	82.138	1.004	14.694
9/28/2017 5:00	2358000	130.211	20.393	296.791	12175.61	13350.456	7.785	9.078	82.131	1.004	14.694
9/28/2017 5:15	2358900	130.206	20.39	296.779	12176.748	13352.556	7.786	9.08	82.124	1.004	14.698
9/28/2017 5:30	2359800	130.246	20.4	296.872	12178.539	13351.646	7.786	9.079	82.112	1.004	14.686
9/28/2017 5:45	2360700	130.217	20.384	296.814	12178.578	13356.194	7.789	9.084	82.117	1.004	14.694
9/28/2017 6:00	2361600	130.207	20.399	296.782	12180.348	13353.921	7.787	9.081	82.099	1.004	14.696
9/28/2017 6:15	2362500	130.207	20.401	296.782	12183.381	13356.514	7.789	9.082	82.079	1.004	14.701
9/28/2017 6:30	2363400	130.213	20.395	296.797	12179.265	13353.708	7.787	9.081	82.107	1.004	14.7
9/28/2017 6:45	2364300	130.248	20.401	296.876	12181.066	13354.196	7.787	9.081	82.095	1.004	14.702
9/28/2017 7:00	2365200	130.221	20.392	296.814	12181.413	13356.99	7.789	9.083	82.093	1.004	14.694
9/28/2017 7:15	2366100	130.261	20.401	296.906	12184.293	13357.614	7.79	9.084	82.073	1.004	14.696
9/28/2017 7:30	2367000	130.231	20.388	296.837	12170.158	13345.675	7.782	9.075	82.168	1.004	14.701
9/28/2017 7:45	2367900	130.217	20.408	296.805	12184.819	13356.143	7.789	9.082	82.069	1.004	14.708
9/28/2017 8:00	2368800	130.221	20.396	296.813	12178.71	13352.833	7.786	9.08	82.111	1.004	14.701
9/28/2017 8:15	2369700	130.242	20.4	296.862	12178.361	13351.328	7.786	9.08	82.113	1.004	14.704
9/28/2017 8:30	2370600	130.233	20.396	296.842	12188.293	13363.434	7.793	9.087	82.046	1.004	14.706
9/28/2017 8:45	2371500	130.266	20.405	296.916	12189.132	13363.654	7.793	9.087	82.039	1.004	14.709
9/28/2017 9:00	2372400	130.244	20.387	296.866	12186.195	13363.745	7.793	9.087	82.06	1.004	14.703
9/28/2017 9:15	2373300	130.228	20.393	296.83	12193.105	13369.492	7.797	9.091	82.014	1.004	14.709
9/28/2017 9:30	2374200	130.262	20.393	296.908	12194.251	13370.87	7.798	9.092	82.006	1.004	14.708
9/28/2017 9:45	2375100	130.234	20.406	296.842	12191.169	13363.688	7.793	9.087	82.027	1.004	14.704
9/28/2017 10:00	2376000	130.235	20.395	296.845	1218						

9/29/2017 5:15	2445300	130.097	20.396	296.532	12215.999	13393.812	7.812	9.108	81.86	1.004	14.715
9/29/2017 5:30	2446200	130.131	20.405	296.609	12222.691	13398.683	7.815	9.111	81.815	1.004	14.713
9/29/2017 5:45	2447100	130.113	20.408	296.567	12222.16	13397.195	7.815	9.11	81.819	1.004	14.709
9/29/2017 6:00	2448000	130.137	20.391	296.622	12208.999	13387.456	7.808	9.103	81.907	1.004	14.715
9/29/2017 6:15	2448900	130.126	20.386	296.597	12218.897	13399.756	7.816	9.112	81.84	1.004	14.718
9/29/2017 6:30	2449800	130.153	20.407	296.658	12222.466	13397.737	7.815	9.11	81.817	1.004	14.718
9/29/2017 6:45	2450700	130.123	20.399	296.589	12224.059	13401.879	7.817	9.113	81.806	1.004	14.714
9/29/2017 7:00	2451600	130.129	20.407	296.604	12225.634	13401.199	7.817	9.113	81.795	1.004	14.717
9/29/2017 7:15	2452500	130.13	20.391	296.607	12224.92	13404.913	7.819	9.115	81.8	1.004	14.715
9/29/2017 7:30	2453400	130.144	20.388	296.639	12222.647	13403.281	7.818	9.114	81.815	1.004	14.709
9/29/2017 7:45	2454300	130.152	20.392	296.657	12229.287	13409.386	7.822	9.118	81.771	1.004	14.727
9/29/2017 8:00	2455200	130.146	20.407	296.642	12229.429	13405.432	7.82	9.116	81.77	1.004	14.727
9/29/2017 8:15	2456100	130.18	20.401	296.721	12231.967	13409.892	7.822	9.119	81.753	1.004	14.731
9/29/2017 8:30	2457000	130.161	20.393	296.677	12220.638	13399.632	7.816	9.112	81.829	1.004	14.73
9/29/2017 8:45	2457900	130.151	20.404	296.654	12220.036	13395.893	7.814	9.109	81.833	1.004	14.735
9/29/2017 9:00	2458800	130.158	20.402	296.669	12231.566	13409.315	7.822	9.118	81.756	1.004	14.729
9/29/2017 9:15	2459700	130.154	20.401	296.66	12233.343	13411.458	7.823	9.12	81.744	1.004	14.73
9/29/2017 9:30	2460600	130.159	20.389	296.673	12229.317	13410.325	7.823	9.119	81.771	1.004	14.731
9/29/2017 9:45	2461500	130.171	20.395	296.7	12236.651	13416.114	7.826	9.123	81.722	1.004	14.729
9/29/2017 10:00	2462400	130.174	20.401	296.707	12234.408	13412.701	7.824	9.121	81.737	1.004	14.724
9/29/2017 10:15	2463300	130.179	20.403	296.717	12231.797	13409.055	7.822	9.118	81.754	1.004	14.725
9/29/2017 10:30	2464200	130.213	20.411	296.795	12234.361	13409.764	7.822	9.119	81.737	1.004	14.72
9/29/2017 10:45	2465100	130.17	20.391	296.697	12236.149	13417.398	7.827	9.124	81.725	1.004	14.732
9/29/2017 11:00	2466000	130.167	20.391	296.692	12239.647	13421.188	7.83	9.126	81.702	1.004	14.737
9/29/2017 11:15	2466900	130.209	20.406	296.786	12228.358	13404.576	7.819	9.115	81.777	1.004	14.731
9/29/2017 11:30	2467800	130.185	20.396	296.732	12241.168	13421.287	7.83	9.126	81.692	1.004	14.733
9/29/2017 11:45	2468700	130.18	20.397	296.721	12237.744	13417.265	7.827	9.124	81.714	1.004	14.733
9/29/2017 12:00	2469600	130.205	20.398	296.777	12239.91	13419.443	7.828	9.125	81.7	1.004	14.734
9/29/2017 12:15	2470500	130.209	20.387	296.786	12239.734	13422.313	7.83	9.127	81.701	1.004	14.737
9/29/2017 12:30	2471400	130.177	20.387	296.714	12238.162	13420.658	7.829	9.126	81.712	1.004	14.723
9/29/2017 12:45	2472300	130.183	20.386	296.728	12240.837	13423.912	7.831	9.128	81.694	1.004	14.725
9/29/2017 13:00	2473200	130.209	20.398	296.787	12240.441	13420.002	7.829	9.126	81.696	1.004	14.723
9/29/2017 13:15	2474100	130.22	20.397	296.811	12240.66	13420.634	7.829	9.126	81.695	1.004	14.721
9/29/2017 13:30	2475000	130.179	20.392	296.718	12237.271	13418.188	7.828	9.124	81.718	1.004	14.729
9/29/2017 13:45	2475900	130.184	20.397	296.73	12239.823	13419.664	7.829	9.125	81.701	1.004	14.724
9/29/2017 14:00	2476800	130.16	20.396	296.675	12241.404	13421.521	7.83	9.127	81.69	1.004	14.733
9/29/2017 14:15	2477700	130.164	20.394	296.685	12239.177	13419.299	7.829	9.125	81.705	1.004	14.725
9/29/2017 14:30	2478600	130.163	20.387	296.681	12234.478	13416.693	7.827	9.123	81.736	1.004	14.729
9/29/2017 14:45	2479500	130.189	20.392	296.742	12235.106	13416.011	7.826	9.123	81.732	1.004	14.726
9/29/2017 15:00	2480400	130.157	20.403	296.668	12241.448	13419.708	7.829	9.125	81.69	1.004	14.724
9/29/2017 15:15	2481300	130.176	20.385	296.711	12241.825	13425.117	7.832	9.129	81.687	1.004	14.72
9/29/2017 15:30	2482200	130.159	20.399	296.672	12228.474	13406.66	7.82	9.117	81.776	1.004	14.721
9/29/2017 15:45	2483100	130.147	20.4	296.646	12237.451	13416.046	7.826	9.123	81.767	1.004	14.718
9/29/2017 16:00	2484000	130.161	20.392	296.677	12240.623	13421.891	7.83	9.127	81.695	1.004	14.716
9/29/2017 16:15	2484900	130.144	20.401	296.638	12238.386	13416.839	7.827	9.123	81.71	1.004	14.713
9/29/2017 16:30	2485800	130.158	20.397	296.67	12224.35	13402.603	7.818	9.114	81.804	1.004	14.711
9/29/2017 16:45	2486700	130.15	20.407	296.652	12225.735	13401.431	7.817	9.113	81.795	1.004	14.715
9/29/2017 17:00	2487600	130.138	20.384	296.625	12227.014	13409.168	7.822	9.118	81.786	1.004	14.717
9/29/2017 17:15	2488500	130.15	20.404	296.652	12234.355	13411.737	7.824	9.12	81.737	1.004	14.707
9/29/2017 17:30	2489400	130.146	20.401	296.644	12228.725	13406.275	7.82	9.116	81.775	1.004	14.713
9/29/2017 17:45	2490300	130.153	20.39	296.659	12224.944	13405.335	7.82	9.116	81.8	1.004	14.709
9/29/2017 18:00	2491200	130.156	20.389	296.665	12237.576	13419.479	7.828	9.125	81.716	1.004	14.707
9/29/2017 18:15	2492100	130.166	20.399	296.687	12236.567	13415.606	7.826	9.123	81.722	1.004	14.712
9/29/2017 18:30	2493000	130.151	20.408	296.655	12239.532	13416.167	7.826	9.123	81.702	1.004	14.702
9/29/2017 18:45	2493900	130.143	20.391	296.637	12224.413	13402.165	7.818	9.113	81.817	1.004	14.713
9/29/2017 19:00	2494800	130.148	20.405	296.648	12235.262	13412.51	7.824	9.121	81.731	1.004	14.707
9/29/2017 19:15	2495700	130.164	20.383	296.683	12234.347	13417.626	7.827	9.124	81.737	1.004	14.709
9/29/2017 19:30	2496600	130.148	20.394	296.646	12226.592	13405.844	7.82	9.116	81.789	1.004	14.71
9/29/2017 19:45	2497500	130.157	20.4	296.669	12233.743	13412.216	7.824	9.12	81.741	1.004	14.711
9/29/2017 20:00	2498400	130.185	20.395	296.731	12235.88	13415.782	7.826	9.123	81.727	1.004	14.709
9/29/2017 20:15	2499300	130.156	20.391	296.666	12221.06	13400.878	7.817	9.113	81.826	1.004	14.715
9/29/2017 20:30	2500200	130.152	20.391	296.659	12231.997	13412.846	7.824	9.121	81.753	1.004	14.712
9/29/2017 20:45	2501100	130.149	20.396	296.65	12238.588	13418.507	7.828	9.125	81.709	1.004	14.713
9/29/2017 21:00	2502000	130.141	20.404	296.632	12237.223	13414.686	7.826	9.122	81.718	1.004	14.713
9/29/2017 21:15	2502900	130.151	20.396	296.654	12236.472	13416.283	7.826	9.123	81.723	1.004	14.72
9/29/2017 21:30	2503800	130.135	20.398	296.618	12226.54	13404.761	7.819	9.115	81.789	1.004	14.727
9/29/2017 21:45	2504700	130.14	20.393	296.63	12226.297	13405.86	7.82	9.116	81.791	1.004	14.722
9/29/2017 22:00	2505600	130.139	20.404	296.628	12237.019	13414.605	7.825	9.122	81.719	1.004	14.72
9/29/2017 22:15	2506500	130.139	20.394	296.626	12221.663	13400.486	7.816	9.112	81.822	1.004	14.724
9/29/2017 22:30	2507400	130.15	20.409	296.651	12225.616	13400.813	7.817	9.113	81.795	1.004	14.724
9/29/2017 22:45	2508300	130.143	20.401	296.636	12237.269	13415.812	7.826	9.123	81.718	1.004	14.728
9/29/2017 23:00	2509200	130.115	20.395	296.571	12231.937	13411.459	7.823	9.12	81.753	1.004	14.723
9/29/2017 23:15	2510100	130.114	20.409	296.569	12221.634	13396.325	7.814	9.11	81.822	1.004	14.716
9/29/2017 23:30	2511000	130.118	20.4	296.58	12235.452	13413.859	7.825	9.121	81.73	1.004	14.725
9/29/2017 23:45	2511900	130.1	20.384	296.537	12225.329	13407.394	7.821	9.117	81.797	1.004	14.726
9/30/2017 0:00	2512800	130.116	20.387	296.574	12236.049	13418.271	7.828	9.124	81.726	1.004	14.725
9/30/2017 0:15	2513700	130.077	20.406	296.486	12235.729	13412.557	7.824	9.121	81.728	1.004	14.724
9/30/2017 0:30	2514600	130.062	20.402	296.452	12234.219	13412.125	7.824	9.12	81.738	1.004	14.72
9/30/2017 0:45	2515500	130.06	20.392	296.447	12232.815	13413.378	7.825	9.121	81.747	1.004	14.724
9/30/2017 1:00	2516400	130.064	20.389	296.416	12230.305	13411.337	7.823	9.12	81.764	1.004	14.721
9/30/2017 1:15	2517300	130.051	20.389	296.427	12232.992	13414.331	7.825	9.122	81.746	1.004	14.716
9/30/2017 1:30	2518200	130.064	20.383	296.457	12220.387	13402.146	7.817	9.113	81.83	1.004	14.726

10/1/2017 10:00	2635200	130.009	203.998	296.33	12231.039	13409.79	7.822	9.119	81.759	1.004	14.707
10/1/2017 10:15	2636100	130.009	203.999	296.33	12244.123	13423.841	7.831	9.128	81.672	1.004	14.7
10/1/2017 10:30	2637000	130.001	203.997	296.313	12251.808	13432.855	7.837	9.134	81.621	1.004	14.703
10/1/2017 10:45	2637900	130.005	204.008	296.321	12246.466	13423.861	7.831	9.128	81.656	1.004	14.702
10/1/2017 11:00	2638800	130.02	203.996	296.356	12246.088	13427.441	7.833	9.131	81.659	1.004	14.695
10/1/2017 11:15	2639700	130.021	203.995	296.358	12248.355	13429.633	7.835	9.132	81.641	1.004	14.691
10/1/2017 11:30	2640600	130.053	204.001	296.432	12258.164	13438.622	7.841	9.138	81.578	1.004	14.685
10/1/2017 11:45	2641500	130.016	203.994	296.346	12252.589	13434.421	7.838	9.135	81.615	1.004	14.693
10/1/2017 12:00	2642400	130.017	204.12	296.349	12256.668	13433.895	7.838	9.135	81.588	1.004	14.695
10/1/2017 12:15	2643300	130.026	203.997	296.37	12248.58	13429.341	7.835	9.132	81.642	1.004	14.695
10/1/2017 12:30	2644200	130.045	204.006	296.414	12253.436	13432.114	7.836	9.134	81.61	1.004	14.694
10/1/2017 12:45	2645100	130.024	204	296.366	12254.008	13434.212	7.838	9.135	81.606	1.004	14.692
10/1/2017 13:00	2646000	130.024	203.998	296.365	12250.673	13431.192	7.836	9.133	81.628	1.004	14.69
10/1/2017 13:15	2646900	130.025	203.994	296.368	12245.158	13426.372	7.833	9.13	81.665	1.004	14.69
10/1/2017 13:30	2647800	130.053	203.996	296.431	12255.499	13437.146	7.84	9.137	81.596	1.004	14.681
10/1/2017 13:45	2648700	130.03	203.996	296.379	12247.638	13428.38	7.834	9.131	81.648	1.004	14.681
10/1/2017 14:00	2649600	130.025	204.006	296.367	12244.438	13422.128	7.83	9.127	81.67	1.004	14.679
10/1/2017 14:15	2650500	130.022	203.999	296.361	12255.451	13436.236	7.839	9.137	81.596	1.004	14.679
10/1/2017 14:30	2651400	130.019	203.989	296.354	12254.663	13438.143	7.84	9.138	81.602	1.004	14.673
10/1/2017 14:45	2652300	130.029	203.994	296.377	12257.262	13439.643	7.841	9.139	81.584	1.004	14.67
10/1/2017 15:00	2653200	130.024	203.881	296.364	12243.175	13427.75	7.834	9.131	81.678	1.004	14.666
10/1/2017 15:15	2654100	130.029	203.886	296.377	12258.28	13443.063	7.843	9.141	81.578	1.004	14.655
10/1/2017 15:30	2655000	130.022	203.999	296.359	12257.176	13438.127	7.84	9.138	81.585	1.004	14.659
10/1/2017 15:45	2655900	130.023	204	296.363	12259.353	13440.243	7.842	9.139	81.57	1.004	14.658
10/1/2017 16:00	2656800	130.023	204.007	296.363	12258.159	13436.853	7.839	9.137	81.578	1.004	14.65
10/1/2017 16:15	2657700	130.023	203.888	296.363	12253.358	13436.958	7.839	9.137	81.61	1.004	14.652
10/1/2017 16:30	2658600	130.031	204	296.38	12257.665	13438.442	7.84	9.138	81.582	1.004	14.651
10/1/2017 16:45	2659500	130.029	203.995	296.376	12256.272	13438.238	7.84	9.138	81.591	1.004	14.656
10/1/2017 17:00	2660400	130.033	203.999	296.384	12258.547	13439.581	7.841	9.139	81.576	1.004	14.649
10/1/2017 17:15	2661300	130.036	203.994	296.392	12257.06	13439.25	7.841	9.139	81.586	1.004	14.646
10/1/2017 17:30	2662200	130.064	203.996	296.411	12247.256	13428.107	7.834	9.131	81.651	1.004	14.648
10/1/2017 17:45	2663100	130.088	204.004	296.511	12260.602	13440.582	7.842	9.14	81.562	1.004	14.642
10/1/2017 18:00	2664000	130.055	204.005	296.435	12256.722	13435.839	7.839	9.136	81.588	1.004	14.644
10/1/2017 18:15	2664900	130.057	204.01	296.44	12249.603	13429.333	7.835	9.132	81.635	1.004	14.647
10/1/2017 18:30	2665800	130.064	204	296.456	12256.431	13436.917	7.839	9.137	81.59	1.004	14.645
10/1/2017 18:45	2666700	130.072	204.004	296.473	12245.428	13423.703	7.831	9.128	81.663	1.004	14.644
10/1/2017 19:00	2667600	130.067	203.994	296.462	12255.394	13432.662	7.84	9.138	81.593	1.004	14.659
10/1/2017 19:15	2668500	130.079	204.006	296.49	12245.849	13423.798	7.831	9.128	81.66	1.004	14.653
10/1/2017 19:30	2669400	130.096	203.996	296.528	12252.377	13433.821	7.838	9.135	81.617	1.004	14.655
10/1/2017 19:45	2670300	130.105	203.995	296.55	12247.773	13428.849	7.834	9.132	81.647	1.004	14.647
10/1/2017 20:00	2671200	130.105	204.006	296.549	12256.938	13435.734	7.839	9.136	81.586	1.004	14.647
10/1/2017 20:15	2672100	130.11	203.997	296.562	12254.93	13436.084	7.839	9.137	81.6	1.004	14.652
10/1/2017 20:30	2673000	130.121	203.986	296.585	12254.568	13438.796	7.841	9.138	81.602	1.004	14.65
10/1/2017 20:45	2673900	130.115	203.994	296.573	12253.39	13435.373	7.838	9.136	81.61	1.004	14.648
10/1/2017 21:00	2674800	130.114	204.02	296.57	12251.998	13431.517	7.836	9.133	81.619	1.004	14.651
10/1/2017 21:15	2675700	130.136	203.994	296.62	12253.438	13435.278	7.838	9.136	81.61	1.004	14.646
10/1/2017 21:30	2676600	130.166	204.01	296.688	12255.244	13435.422	7.839	9.136	81.598	1.004	14.647
10/1/2017 21:45	2677500	130.136	203.992	296.619	12253.712	13436.266	7.839	9.137	81.608	1.004	14.65
10/1/2017 22:00	2678400	130.144	204	296.637	12249.399	13432.299	7.835	9.132	81.637	1.004	14.645
10/1/2017 22:15	2679300	130.169	203.996	296.696	12253.945	13435.393	7.839	9.136	81.606	1.004	14.646
10/1/2017 22:30	2680200	130.183	203.999	296.728	12253.305	13433.884	7.838	9.135	81.611	1.004	14.649
10/1/2017 22:45	2681100	130.157	204.006	296.668	12254.266	13432.951	7.837	9.134	81.604	1.004	14.642
10/1/2017 23:00	2682000	130.148	203.993	296.647	12251.788	13433.888	7.838	9.135	81.621	1.004	14.647
10/1/2017 23:15	2682900	130.15	203.997	296.652	12252.626	13433.558	7.837	9.135	81.615	1.004	14.639
10/1/2017 23:30	2683800	130.156	203.986	296.665	12245.879	13429.391	7.835	9.132	81.66	1.004	14.643
10/1/2017 23:45	2684700	130.156	203.985	296.665	12247.969	13431.831	7.836	9.134	81.646	1.004	14.637
10/2/2017 0:00	2685600	130.174	203.884	296.708	12249.459	13433.905	7.837	9.135	81.636	1.004	14.637
10/2/2017 0:15	2686500	130.152	203.995	296.657	12237.807	13418.066	7.828	9.124	81.714	1.004	14.641
10/2/2017 0:30	2687400	130.14	203.997	296.629	12246.432	13426.91	7.833	9.13	81.656	1.004	14.642
10/2/2017 0:45	2688300	130.119	204.007	296.58	12239.575	13416.628	7.827	9.123	81.702	1.004	14.649
10/2/2017 1:00	2689200	130.128	204.004	296.602	12247.122	13425.732	7.832	9.129	81.652	1.004	14.654
10/2/2017 1:15	2690100	130.155	203.997	296.663	12255.887	13415.255	7.826	9.122	81.757	1.004	14.657
10/2/2017 1:30	2691000	130.119	203.987	296.582	12231.549	13413.383	7.825	9.121	81.756	1.004	14.637
10/2/2017 1:45	2691900	130.11	203.979	296.561	12224.452	13407.756	7.821	9.117	81.803	1.004	14.641
10/2/2017 2:00	2692800	130.129	204.03	296.604	12241.032	13419.35	7.828	9.125	81.692	1.004	14.638
10/2/2017 2:15	2693700	130.096	203.996	296.528	12245.891	13426.61	7.833	9.13	81.66	1.004	14.641
10/2/2017 2:30	2694600	130.093	203.986	296.523	12226.299	13407.872	7.821	9.117	81.791	1.004	14.643
10/2/2017 2:45	2695500	130.075	203.988	296.483	12233.787	13415.543	7.826	9.123	81.741	1.004	14.641
10/2/2017 3:00	2696400	130.068	203.996	296.465	12239.813	13419.947	7.829	9.126	81.701	1.004	14.639
10/2/2017 3:15	2697300	130.069	203.999	296.466	12239.527	13418.826	7.828	9.125	81.702	1.004	14.641
10/2/2017 3:30	2698200	130.069	203.888	296.467	12231.908	13413.582	7.825	9.121	81.753	1.004	14.637
10/2/2017 3:45	2699100	130.059	203.986	296.445	12233.64	13415.969	7.826	9.123	81.742	1.004	14.636
10/2/2017 4:00	2700000	130.052	203.996	296.429	12227.628	13406.615	7.82	9.116	81.782	1.004	14.635
10/2/2017 4:15	2700900	130.045	204.03	296.413	12232.84	13410.369	7.823	9.119	81.747	1.004	14.646
10/2/2017 4:30	2701800	130.047	203.995	296.417	12232.734	13412.309	7.824	9.12	81.748	1.004	14.634
10/2/2017 4:45	2702700	130.043	204	296.408	12231.875	13410.046	7.823	9.119	81.754	1.004	14.639
10/2/2017 5:00	2703600	130.043	203.991	296.408	12219.944	13399.533	7.816	9.112	81.833	1.004	14.641
10/2/2017 5:15	2704500	130.032	203.885	296.382	12224.931	13406.759	7.82	9.117	81.8	1.004	14.646
10/2/2017 5:30	2705400	130.037	203.885	296.395	12228.906	13411.171	7.823	9.112	81.773	1.004	14.64
10/2/2017 5:45	2706300	130.024	203.992	296.364	12217.973	13407.077	7.814	9.111	81.847	1.004	14.642
10/2/2017 6:00	2707200	130.03	204.02	296.378	12228.582	13405.971	7.82	9.116	81.776	1.004	14.641
10/2/2017 6:15	2708100	130.072	203.997	296.474	12229.859	13408.839	7.822	9.118	81.767	1.004	14.64
10/2/2017 6:30											

10/3/2017 14:45	2825100	130.241	20.401	296.86	12172.819	13344.986	7.782	9.075	82.15	1.004	14.677
10/3/2017 15:00	2826000	130.236	20.395	296.849	12173.497	13347.579	7.783	9.076	82.146	1.004	14.678
10/3/2017 15:15	2826900	130.225	20.393	296.824	12172.114	13346.574	7.783	9.076	82.155	1.004	14.678
10/3/2017 15:30	2827800	130.251	20.394	296.882	12174.753	13349.126	7.784	9.077	82.137	1.004	14.69
10/3/2017 15:45	2828700	130.229	20.407	296.832	12173.221	13343.796	7.781	9.074	82.148	1.004	14.675
10/3/2017 16:00	2829600	130.254	20.395	296.89	12159.208	13331.888	7.773	9.066	82.242	1.004	14.685
10/3/2017 16:15	2830500	130.225	20.401	296.822	12170.43	13342.367	7.78	9.073	82.166	1.004	14.679
10/3/2017 16:30	2831400	130.208	20.387	296.784	12167.976	13343.667	7.781	9.074	82.183	1.004	14.683
10/3/2017 16:45	2832300	130.216	20.39	296.803	12165.432	13340.146	7.778	9.071	82.2	1.004	14.685
10/3/2017 17:00	2833200	130.204	20.407	296.776	12165.284	13335.119	7.775	9.068	82.201	1.004	14.692
10/3/2017 17:15	2834100	130.203	20.395	296.773	12166.094	13339.242	7.778	9.071	82.196	1.004	14.69
10/3/2017 17:30	2835000	130.206	20.396	296.78	12154.571	13326.925	7.77	9.062	82.275	1.004	14.685
10/3/2017 17:45	2835900	130.2	20.406	296.766	12170.574	13341.065	7.779	9.072	82.165	1.004	14.686
10/3/2017 18:00	2836800	130.216	20.409	296.803	12171.325	13341.279	7.779	9.072	82.16	1.004	14.696
10/3/2017 18:15	2837700	130.223	20.399	296.817	12166.228	13338.271	7.777	9.07	82.195	1.004	14.699
10/3/2017 18:30	2838600	130.206	20.402	296.78	12164.093	13335.2	7.775	9.068	82.209	1.004	14.698
10/3/2017 18:45	2839500	130.207	20.407	296.781	12165.032	13334.722	7.775	9.068	82.203	1.004	14.701
10/3/2017 19:00	2840400	130.205	20.401	296.778	12161.064	13332.195	7.774	9.066	82.23	1.004	14.699
10/3/2017 19:15	2841300	130.218	20.39	296.807	12159.679	13333.719	7.774	9.067	82.239	1.004	14.703
10/3/2017 19:30	2842200	130.233	20.396	296.842	12164.153	13336.822	7.776	9.069	82.209	1.004	14.706
10/3/2017 19:45	2843100	130.208	20.405	296.785	12169.258	13339.961	7.778	9.071	82.174	1.004	14.706
10/3/2017 20:00	2844000	130.217	20.389	296.805	12164.348	13339.081	7.778	9.071	82.207	1.004	14.714
10/3/2017 20:15	2844900	130.223	20.405	296.819	12161.159	13331.107	7.773	9.065	82.229	1.004	14.707
10/3/2017 20:30	2845800	130.246	20.405	296.871	12165.883	13336.215	7.776	9.069	82.197	1.004	14.717
10/3/2017 20:45	2846700	130.231	20.396	296.84	12150.911	13322.571	7.767	9.059	82.298	1.004	14.714
10/3/2017 21:00	2847600	130.236	20.418	296.849	12169.826	13336.911	7.777	9.069	82.17	1.004	14.718
10/3/2017 21:15	2848500	130.233	20.411	296.84	12166.24	13335.073	7.775	9.068	82.195	1.004	14.719
10/3/2017 21:30	2849400	130.285	20.397	296.96	12163.844	13336.241	7.776	9.069	82.211	1.004	14.719
10/3/2017 21:45	2850300	130.291	20.399	296.973	12163.718	13335.688	7.776	9.068	82.212	1.004	14.721
10/3/2017 22:00	2851200	130.287	20.395	296.964	12152.772	13324.78	7.769	9.061	82.286	1.004	14.722
10/3/2017 22:15	2852100	130.26	20.392	296.903	12163.027	13336.83	7.776	9.069	82.216	1.004	14.724
10/3/2017 22:30	2853000	130.253	20.399	296.888	12159.281	13330.777	7.773	9.065	82.242	1.004	14.731
10/3/2017 22:45	2853900	130.273	20.387	296.932	12149.151	13323.047	7.768	9.06	82.31	1.004	14.722
10/3/2017 23:00	2854800	130.268	20.399	296.92	12164.166	13336.156	7.776	9.069	82.209	1.004	14.727
10/3/2017 23:15	2855700	130.271	20.399	296.928	12162.129	13333.899	7.775	9.067	82.222	1.004	14.728
10/3/2017 23:30	2856600	130.273	20.385	296.932	12161.204	13336.68	7.776	9.069	82.229	1.004	14.732
10/3/2017 23:45	2857500	130.27	20.402	296.925	12153.397	13333.452	7.768	9.06	82.282	1.004	14.734
10/4/2017 0:00	2858400	130.277	20.391	296.941	12164.383	13338.657	7.778	9.07	82.207	1.004	14.733
10/4/2017 0:15	2859300	130.267	20.405	296.918	12164.886	13335.339	7.776	9.068	82.204	1.004	14.735
10/4/2017 0:30	2860200	130.272	20.398	296.93	12153.354	13324.45	7.769	9.061	82.282	1.004	14.73
10/4/2017 0:45	2861100	130.287	20.397	296.964	12164.537	13337.147	7.777	9.069	82.206	1.004	14.739
10/4/2017 1:00	2862000	130.301	20.409	296.997	12162.677	13331.702	7.773	9.066	82.219	1.004	14.731
10/4/2017 1:15	2862900	130.245	20.389	296.869	12161.715	13336.147	7.776	9.069	82.225	1.004	14.736
10/4/2017 1:30	2863800	130.268	20.412	296.92	12166.849	13335.544	7.776	9.068	82.191	1.004	14.737
10/4/2017 1:45	2864700	130.237	20.399	296.85	12162.707	13334.58	7.775	9.068	82.219	1.004	14.744
10/4/2017 2:00	2865600	130.242	20.398	296.861	12163.083	13335.188	7.775	9.068	82.216	1.004	14.738
10/4/2017 2:15	2866500	130.226	20.398	296.826	12161.116	13333.056	7.774	9.066	82.229	1.004	14.74
10/4/2017 2:30	2867400	130.226	20.389	296.826	12159.774	13334.115	7.775	9.067	82.238	1.004	14.739
10/4/2017 2:45	2868300	130.212	20.386	296.793	12160.797	13336.084	7.776	9.069	82.232	1.004	14.742
10/4/2017 3:00	2869200	130.227	20.393	296.828	12161.436	13334.889	7.775	9.068	82.227	1.004	14.747
10/4/2017 3:15	2870100	130.223	20.405	296.818	12163.816	13333.973	7.775	9.067	82.211	1.004	14.751
10/4/2017 3:30	2871000	130.179	20.385	296.719	12158.76	13334.121	7.775	9.067	82.245	1.004	14.75
10/4/2017 3:45	2871900	130.186	20.392	296.733	12149.807	13322.405	7.767	9.059	82.306	1.004	14.744
10/4/2017 4:00	2872800	130.16	20.404	296.676	12153.103	13322.544	7.767	9.059	82.284	1.004	14.744
10/4/2017 4:15	2873700	130.147	20.396	296.646	12161.561	13334.077	7.775	9.067	82.226	1.004	14.751
10/4/2017 4:30	2874600	130.188	20.393	296.738	12158.927	13332.04	7.773	9.066	82.244	1.004	14.745
10/4/2017 4:45	2875500	130.134	20.398	296.615	12148.624	13319.482	7.765	9.057	82.314	1.004	14.755
10/4/2017 5:00	2876400	130.127	20.401	296.599	12159.754	13330.856	7.773	9.065	82.239	1.004	14.753
10/4/2017 5:15	2877300	130.124	20.398	296.592	12161.765	13333.743	7.774	9.067	82.225	1.004	14.757
10/4/2017 5:30	2878200	130.155	20.398	296.663	12160.073	13331.938	7.773	9.066	82.236	1.004	14.754
10/4/2017 5:45	2879100	130.112	20.393	296.566	12159.887	13333.021	7.774	9.066	82.238	1.004	14.756
10/4/2017 6:00	2880000	130.141	20.398	296.631	12160.225	13332.165	7.775	9.066	82.225	1.004	14.755
10/4/2017 6:15	2880900	130.108	20.393	296.556	12156.736	13329.761	7.772	9.064	82.259	1.004	14.763
10/4/2017 6:30	2881800	130.111	20.403	296.563	12159.259	13329.705	7.772	9.064	82.242	1.004	14.763
10/4/2017 6:45	2882700	130.13	20.4	296.606	12161.121	13332.379	7.774	9.066	82.229	1.004	14.764
10/4/2017 7:00	2883600	130.116	20.384	296.575	12148.135	13322.616	7.767	9.059	82.317	1.004	14.762
10/4/2017 7:15	2884500	130.104	20.399	296.547	12158.156	13329.64	7.772	9.064	82.249	1.004	14.773
10/4/2017 7:30	2885400	130.127	20.397	296.574	12153.529	13324.91	7.769	9.061	82.281	1.004	14.771
10/4/2017 7:45	2886300	130.115	20.399	296.571	12155.633	13326.702	7.77	9.062	82.266	1.004	14.77
10/4/2017 8:00	2887200	130.128	20.395	296.601	12157.084	13329.438	7.772	9.064	82.257	1.004	14.768
10/4/2017 8:15	2888100	130.143	20.391	296.635	12159.194	13332.798	7.774	9.066	82.242	1.004	14.779
10/4/2017 8:30	2889000	130.166	20.391	296.688	12161.316	13335.246	7.775	9.068	82.228	1.004	14.774
10/4/2017 8:45	2889900	130.166	20.409	296.688	12165.515	13334.957	7.775	9.068	82.2	1.004	14.77
10/4/2017 9:00	2890800	130.182	20.405	296.724	12158.316	13338.024	7.771	9.063	82.248	1.004	14.774
10/4/2017 9:15	2891700	130.17	20.398	296.698	12150.829	13321.9	7.767	9.059	82.299	1.004	14.78
10/4/2017 9:30	2892600	130.185	20.399	296.731	12164.636	13336.55	7.776	9.069	82.206	1.004	14.778
10/4/2017 9:45	2893500	130.151	20.4	296.655	12165.207	13336.934	7.776	9.069	82.202	1.004	14.781
10/4/2017 10:00	2894400	130.172	20.4	296.703	12165.216	13336.967	7.777	9.069	82.202	1.004	14.779
10/4/2017 10:15	2895300	130.171	20.398	296.7	12153.302	13324.415	7.769	9.061	82.282	1.004	14.781
10/4/2017 10:30	2896200	130.2	20.39	296.765	12164.839	13339.768	7.778	9.071	82.204	1.004	14.774
10/4/2017 10:45	2897100	130.226	20.407	296.824	12173.019	13343.551	7.781	9.074	82.149	1.004	14.776
10/4/2017 11:00	2898000	130.206	20.401	296.779	12165.498	13336.909	7.776	9.069	82.2	1.004	14.776
10/4/2017 11:15	2898900	130.239	20.397	296.854	12169.464	1334					

Report Date:	10/9/2017 9:52		
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_2017-10-05_13-33-08-540.wsl		
Create Date	10/5/2017 13:32		
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			
Log Data:			
Record Count	3327		
Sensors	1		
	1	410756 PCTD 100 PSIG (70m/231ft)	
Time Zone: Pacific Daylight Time			
Date and Time	Elapsed Time	Sensor: PCTD(G) 231ft	Sensor: PCTD(G) 231ft
	Seconds	SN#: 410756 Pressure (PSI)	SN#: 410756 Temperature (C)
9/28/2017 0:00		2340000	70.206
9/28/2017 0:15		2340900	70.217
9/28/2017 0:30		2341800	70.199
9/28/2017 0:45		2342700	70.208
9/28/2017 1:00		2343600	70.201
9/28/2017 1:15		2344500	70.203
9/28/2017 1:30		2345400	70.185
9/28/2017 1:45		2346300	70.185
9/28/2017 2:00		2347200	70.186
9/28/2017 2:15		2348100	70.19
9/28/2017 2:30		2349000	70.174
9/28/2017 2:45		2349900	70.171
9/28/2017 3:00		2350800	70.177
9/28/2017 3:15		2351700	70.174
9/28/2017 3:30		2352600	70.177
9/28/2017 3:45		2353500	70.18
9/28/2017 4:00		2354400	70.18
9/28/2017 4:15		2355300	70.19
9/28/2017 4:30		2356200	70.165
9/28/2017 4:45		2357100	70.174
9/28/2017 5:00		2358000	70.172
9/28/2017 5:15		2358900	70.17
9/28/2017 5:30		2359800	70.182
9/28/2017 5:45		2360700	70.192
9/28/2017 6:00		2361600	70.177
9/28/2017 6:15		2362500	70.194
9/28/2017 6:30		2363400	70.182
9/28/2017 6:45		2364300	70.204
9/28/2017 7:00		2365200	70.208
9/28/2017 7:15		2366100	70.202
9/28/2017 7:30		2367000	70.222
9/28/2017 7:45		2367900	70.222
9/28/2017 8:00		2368800	70.219
9/28/2017 8:15		2369700	70.224
9/28/2017 8:30		2370600	70.203
9/28/2017 8:45		2371500	70.205
9/28/2017 9:00		2372400	70.218
9/28/2017 9:15		2373300	70.227
9/28/2017 9:30		2374200	70.227
9/28/2017 9:45		2375100	70.231
9/28/2017 10:00		2376000	70.221
9/28/2017 10:15		2376900	70.22
9/28/2017 10:30		2377800	70.225
9/28/2017 10:45		2378700	70.225
9/28/2017 11:00		2379600	70.225
9/28/2017 11:15		2380500	70.227
9/28/2017 11:30		2381400	70.22
9/28/2017 11:45		2382300	70.212
9/28/2017 12:00		2383200	70.231
9/28/2017 12:15		2384100	70.221
9/28/2017 12:30		2385000	70.227
9/28/2017 12:45		2385900	70.23
9/28/2017 13:00		2386800	70.223
9/28/2017 13:15		2387700	70.232

9/28/2017 13:30	2388600	70.214	17.337	158.165	40929.426	47947.402	31.428	32.604	24.432	1.023
9/28/2017 13:45	2389500	70.236	17.336	158.213	40966.16	47991.371	31.466	32.634	24.41	1.023
9/28/2017 14:00	2390400	70.23	17.334	158.199	40920.383	47939.805	31.422	32.599	24.438	1.023
9/28/2017 14:15	2391300	70.23	17.342	158.199	40964.766	47983.168	31.454	32.629	24.411	1.023
9/28/2017 14:30	2392200	70.23	17.341	158.201	40946.051	47962.199	31.439	32.614	24.422	1.023
9/28/2017 14:45	2393100	70.234	17.339	158.208	40925.105	47940.004	31.423	32.599	24.435	1.023
9/28/2017 15:00	2394000	70.231	17.334	158.203	40935.391	47957.684	31.435	32.611	24.429	1.023
9/28/2017 15:15	2394900	70.237	17.347	158.215	40935.551	47943.613	31.426	32.602	24.429	1.023
9/28/2017 15:30	2395800	70.24	17.343	158.222	40910.902	47918.973	31.408	32.585	24.443	1.023
9/28/2017 15:45	2396700	70.244	17.339	158.231	40927.594	47942.461	31.425	32.601	24.433	1.023
9/28/2017 16:00	2397600	70.237	17.34	158.217	40935.035	47950.422	31.43	32.606	24.429	1.023
9/28/2017 16:15	2398500	70.248	17.338	158.24	40955.211	47975.746	31.449	32.624	24.417	1.023
9/28/2017 16:30	2399400	70.247	17.341	158.239	40974.117	47995.074	31.463	32.637	24.406	1.023
9/28/2017 16:45	2400300	70.26	17.341	158.268	40980.543	48003.168	31.469	32.642	24.402	1.023
9/28/2017 17:00	2401200	70.254	17.345	158.255	40973.602	47990.535	31.46	32.634	24.406	1.023
9/28/2017 17:15	2402100	70.26	17.345	158.268	40951.012	47964.078	31.441	32.616	24.419	1.023
9/28/2017 17:30	2403000	70.267	17.345	158.284	40947.219	47959.918	31.438	32.613	24.422	1.023
9/28/2017 17:45	2403900	70.265	17.346	158.28	40931.902	47940.094	31.423	32.599	24.431	1.023
9/28/2017 18:00	2404800	70.266	17.341	158.281	40927.094	47939.715	31.423	32.599	24.434	1.023
9/28/2017 18:15	2405700	70.266	17.344	158.281	40930.094	47940.699	31.424	32.6	24.432	1.023
9/28/2017 18:30	2406600	70.26	17.336	158.267	40924.469	47942.172	31.424	32.601	24.435	1.023
9/28/2017 18:45	2407500	70.275	17.342	158.302	40970.078	47988.84	31.459	32.632	24.408	1.023
9/28/2017 19:00	2408400	70.26	17.344	158.268	40900.289	47905.414	31.398	32.576	24.45	1.023
9/28/2017 19:15	2409300	70.279	17.344	158.309	40955.84	47970.391	31.445	32.62	24.417	1.023
9/28/2017 19:30	2410200	70.279	17.341	158.309	40941.613	47957.188	31.435	32.611	24.425	1.023
9/28/2017 19:45	2411100	70.281	17.347	158.314	40931.926	47939.188	31.423	32.599	24.431	1.023
9/28/2017 20:00	2412000	70.279	17.34	158.31	40980.781	48003.723	31.469	32.643	24.402	1.023
9/28/2017 20:15	2412900	70.271	17.341	158.291	40967.203	47987.352	31.457	32.631	24.41	1.023
9/28/2017 20:30	2413800	70.271	17.332	158.291	40945.066	47970.699	31.445	32.62	24.423	1.023
9/28/2017 20:45	2414700	70.266	17.343	158.281	40958.262	47974.633	31.448	32.623	24.415	1.023
9/28/2017 21:00	2415600	70.267	17.348	158.284	40940.93	47948.613	31.43	32.605	24.425	1.023
9/28/2017 21:15	2416500	70.261	17.345	158.271	40949.383	47962.359	31.439	32.614	24.42	1.023
9/28/2017 21:30	2417400	70.243	17.339	158.23	40950.84	47970.527	31.445	32.62	24.42	1.023
9/28/2017 21:45	2418300	70.247	17.341	158.239	40951.852	47968.902	31.444	32.619	24.419	1.023
9/28/2017 22:00	2419200	70.252	17.347	158.25	40956.066	47967.184	31.443	32.618	24.416	1.023
9/28/2017 22:15	2420100	70.244	17.342	158.232	40971.227	47990.281	31.46	32.633	24.407	1.023
9/28/2017 22:30	2421000	70.238	17.345	158.219	40964.797	47980.035	31.452	32.626	24.411	1.023
9/28/2017 22:45	2421900	70.23	17.336	158.199	40936.199	47956.563	31.435	32.61	24.428	1.023
9/28/2017 23:00	2422800	70.227	17.338	158.193	40922.414	47938.355	31.421	32.598	24.436	1.023
9/28/2017 23:15	2423700	70.212	17.345	158.166	40957.402	47971.563	31.446	32.621	24.416	1.023
9/28/2017 23:30	2424600	70.206	17.34	158.145	40978.953	48001.395	31.468	32.641	24.403	1.023
9/28/2017 23:45	2425500	70.211	17.347	158.157	40948.82	47958.699	31.437	32.612	24.421	1.023
9/29/2017 0:00	2426400	70.192	17.345	158.115	40940.625	47951.441	31.431	32.607	24.426	1.023
9/29/2017 0:15	2427300	70.194	17.34	158.12	40922.773	47935.871	31.42	32.596	24.432	1.023
9/29/2017 0:30	2428200	70.182	17.344	158.093	40959.879	47975.488	31.449	32.623	24.414	1.023
9/29/2017 0:45	2429100	70.175	17.339	158.075	40940.012	47957.754	31.436	32.611	24.426	1.023
9/29/2017 1:00	2430000	70.167	17.343	158.059	40943.449	47956.719	31.435	32.611	24.424	1.023
9/29/2017 1:15	2430900	70.165	17.342	158.053	40955.73	47972.879	31.447	32.622	24.417	1.023
9/29/2017 1:30	2431800	70.163	17.34	158.048	40916.02	47928.34	31.414	32.591	24.44	1.023
9/29/2017 1:45	2432700	70.153	17.344	158.026	40992.652	48013.219	31.477	32.649	24.395	1.023
9/29/2017 2:00	2433600	70.141	17.338	158	40973.441	47997.836	31.465	32.639	24.406	1.023
9/29/2017 2:15	2434500	70.146	17.343	158.01	40955.102	47970.367	31.445	32.62	24.417	1.023
9/29/2017 2:30	2435400	70.137	17.336	157.991	40945.488	47966.605	31.442	32.617	24.423	1.023
9/29/2017 2:45	2436300	70.138	17.345	157.993	40920.477	47928.215	31.414	32.591	24.438	1.023
9/29/2017 3:00	2437200	70.131	17.341	157.977	40953.859	47971.621	31.446	32.621	24.418	1.023
9/29/2017 3:15	2438100	70.127	17.348	157.967	40979.184	47993.691	31.462	32.636	24.403	1.023
9/29/2017 3:30	2439000	70.127	17.344	157.969	40956.246	47970.676	31.445	32.62	24.416	1.023
9/29/2017 3:45	2439900	70.129	17.346	157.973	40930.68	47938.953	31.422	32.598	24.432	1.023
9/29/2017 4:00	2440800	70.127	17.342	157.967	40963.371	47981.266	31.453	32.627	24.412	1.023
9/29/2017 4:15	2441700	70.127	17.342	157.967	40951.73	47967.711	31.443	32.618	24.419	1.023
9/29/2017 4:30	2442600	70.13	17.343	157.974	40960.758	47976.992	31.45	32.624	24.414	1.023
9/29/2017 4:45	2443500	70.138	17.341	157.993	40931.375	47944.73	31.426	32.602	24.431	1.023
9/29/2017 5:00	2444400	70.118	17.34	157.947	40971.449	47993.355	31.462	32.635	24.407	1.023
9/29/2017 5:15	2445300	70.137	17.341	157.991	40963.434	47982.836	31.454	32.628	24.412	1.023
9/29/2017 5:30	2446200	70.123	17.347	157.958	41011.379	48032.34	31.491	32.662	24.383	1.023
9/29/2017 5:45	2447100	70.148	17.341	158.014	40984.324	48007.219	31.472	32.645	24.4	1.023
9/29/2017 6:00	2448000	70.157	17.344	158.035	40981.793	48001.344	31.468	32.641	24.401	1.023
9/29/2017 6:15	2448900	70.159	17.337	158.039	40963.746	47986.859	31.457	32.631	24.412	1.023
9/29/2017 6:30	2449800	70.147	17.339	158.014	41002.039	48030.504	31.489	32.661	24.389	1.023
9/29/2017 6:45	2450700	70.172	17.339	158.068	40914.527	47927.613	31.414	32.591	24.441	1.023
9/29/2017 7:00	2451600	70.175	17.347	158.075	40950.93	47961.918	31.439	32.614	24.419	1.023
9/29/2017 7:15	2452500	70.177	17.349	158.081	40976.445	47989.176	31.459	32.633	24.404	1.023
9/29/2017 7:30	2453400	70.174	17.337	158.074	40976.824	48002.453	31.468	32.642	24.404	1.023
9/29/2017 7:45	2454300	70.18	17.347	158.087	40979.063	47994.953	31.463	32.637	24.403	1.023
9/29/2017 8:00	2455200	70.181	17.338	158.089	40964.906	47987.566	31.457	32.632	24.411	1.023
9/29/2017 8:15	2456100	70.197	17.336	158.125	40954.664	47978.094	31.45	32.625	24.417	1.023
9/29/2017 8:30	2457000	70.195	17.341	158.121	40922.508	47935.188	31.419	32.596	24.436	1.023
9/29/2017 8:45	2457900	70.205	17.331	158.143	40933.363	47957.93	31.439	32.611	24.43	1.023
9/29/2017 9:00	2458800	70.201	17.339	158.134	40933.777	47950.449	31.43	32.606	24.43	1.023
9/29/2017 9:15	2459700	70.208	17.344	158.151	40943.465	47960.109	31.437	32.613	24.424	1.023
9/29/2017 9:30	2460600	70.204	17.335	158.141	40961.164	47986.371	31.456	32.631	24.413	1.023
9/29/2017 9:45	2461500	70.206	17.344	158.145	40963.07	47978.762	31.451	32.626	24.412	1.023
9/29/2017 10:00	2462400	70.206	17.342	158.146	40960.383	47977.766	31.451	32.625	24.414	1.023
9/29/2017 10:15	2463300	70.224	17.338	158.186	40945.273	47964.758	31.441	32.616	24.423	1.023
9/29/2017 10:30	2464200	70.218	17.336	158.173	40934.691	47953.957	31.433	32.609	24.429	1.023
9/29/2017 10:45	2465100	70.212	17.344	158.16	40935.449	47946.219	31.428	32.603	24.429	1.023
9/29/2017 11:00	2466000	70.22	17.345	158.177	40974.297	47990.879	31.46	32.634	24.406	1.023
9/29/2017 11:15	2466900	70.213	17.348	158.161	40984.5	47999.551	31.467	32.64	24.399	1.023
9/29/2017 11:30	2467800	70.222	17.342	158.181</						

9/30/2017 10:00	2548800	70.205	17.342	158.143	41005.059	48029.91	31.489	32.66	24.387	1.023
9/30/2017 10:15	2549700	70.205	17.338	158.143	40915.117	47929.137	31.415	32.592	24.441	1.023
9/30/2017 10:30	2550600	70.204	17.341	158.142	40983.711	48006.59	31.471	32.644	24.4	1.023
9/30/2017 10:45	2551500	70.204	17.337	158.141	40949.902	47970.918	31.445	32.62	24.42	1.023
9/30/2017 11:00	2552400	70.217	17.335	158.171	40923.789	47942.586	31.424	32.601	24.436	1.023
9/30/2017 11:15	2553300	70.207	17.34	158.149	40979.164	48002.492	31.468	32.642	24.403	1.023
9/30/2017 11:30	2554200	70.212	17.349	158.16	40953.039	47961.852	31.439	32.614	24.418	1.023
9/30/2017 11:45	2555100	70.197	17.334	158.125	40934.914	47956.273	31.434	32.61	24.429	1.023
9/30/2017 12:00	2556000	70.202	17.334	158.137	40912.113	47929.848	31.415	32.592	24.443	1.023
9/30/2017 12:15	2556900	70.211	17.344	158.157	40947.867	47961.23	31.439	32.614	24.421	1.023
9/30/2017 12:30	2557800	70.211	17.342	158.157	40949.746	47965.762	31.442	32.617	24.42	1.023
9/30/2017 12:45	2558700	70.208	17.347	158.151	40966.227	47979.648	31.452	32.626	24.41	1.023
9/30/2017 13:00	2559600	70.204	17.342	158.141	40989.176	48011.402	31.475	32.648	24.397	1.023
9/30/2017 13:15	2560500	70.21	17.34	158.154	40932.586	47947.457	31.428	32.604	24.43	1.023
9/30/2017 13:30	2561400	70.206	17.332	158.145	40931.508	47955.27	31.433	32.61	24.431	1.023
9/30/2017 13:45	2562300	70.213	17.335	158.161	40951.02	47974.109	31.447	32.622	24.419	1.023
9/30/2017 14:00	2563200	70.193	17.345	158.117	40971.402	47987.488	31.458	32.631	24.407	1.023
9/30/2017 14:15	2564100	70.204	17.34	158.141	40959.922	47979.766	31.452	32.626	24.414	1.023
9/30/2017 14:30	2565000	70.208	17.345	158.151	40997.77	48018.934	31.481	32.653	24.392	1.023
9/30/2017 14:45	2565900	70.187	17.339	158.102	40985.59	48010.48	31.474	32.647	24.399	1.023
9/30/2017 15:00	2566800	70.207	17.34	158.149	40937.875	47953.941	31.433	32.609	24.427	1.023
9/30/2017 15:15	2567700	70.203	17.347	158.139	40977.453	47992.133	31.461	32.635	24.404	1.023
9/30/2017 15:30	2568600	70.208	17.348	158.151	40935.559	47942.504	31.425	32.601	24.429	1.023
9/30/2017 15:45	2569500	70.211	17.341	158.157	40962.781	47981.984	31.454	32.628	24.412	1.023
9/30/2017 16:00	2570400	70.22	17.344	158.177	40939.523	47951.832	31.432	32.607	24.426	1.023
9/30/2017 16:15	2571300	70.215	17.342	158.166	40967.164	47985.43	31.456	32.63	24.41	1.023
9/30/2017 16:30	2572200	70.216	17.349	158.168	40954.164	47962.891	31.44	32.615	24.418	1.023
9/30/2017 16:45	2573100	70.22	17.345	158.178	40967.191	47983.309	31.455	32.629	24.41	1.023
9/30/2017 17:00	2574000	70.221	17.345	158.18	40955.367	47969.27	31.444	32.619	24.417	1.023
9/30/2017 17:15	2574900	70.234	17.341	158.209	40943.102	47958.742	31.437	32.612	24.424	1.023
9/30/2017 17:30	2575800	70.245	17.337	158.234	40906.91	47921.117	31.409	32.586	24.446	1.023
9/30/2017 17:45	2576700	70.243	17.339	158.228	40939.129	47956.809	31.435	32.611	24.427	1.023
9/30/2017 18:00	2577600	70.242	17.337	158.228	40952.773	47974.379	31.448	32.623	24.418	1.023
9/30/2017 18:15	2578500	70.252	17.338	158.25	40930.504	47946.801	31.428	32.604	24.432	1.023
9/30/2017 18:30	2579400	70.254	17.334	158.255	40958.605	47985.063	31.455	32.63	24.415	1.023
9/30/2017 18:45	2580300	70.267	17.338	158.284	40989.875	48017.09	31.479	32.652	24.396	1.023
9/30/2017 19:00	2581200	70.263	17.339	158.275	40961.723	47983.086	31.454	32.628	24.413	1.023
9/30/2017 19:15	2582100	70.274	17.336	158.298	40949.082	47971.367	31.445	32.621	24.421	1.023
9/30/2017 19:30	2583000	70.271	17.344	158.292	40956.207	47971.098	31.446	32.62	24.416	1.023
9/30/2017 19:45	2583900	70.259	17.343	158.264	40936.719	47949.105	31.43	32.605	24.428	1.023
9/30/2017 20:00	2584800	70.281	17.343	158.315	40959.738	47976.176	31.449	32.624	24.414	1.023
9/30/2017 20:15	2585700	70.292	17.336	158.339	40956.066	47979.457	31.451	32.626	24.416	1.023
9/30/2017 20:30	2586600	70.293	17.337	158.343	40938.883	47958.484	31.436	32.612	24.427	1.023
9/30/2017 20:45	2587500	70.284	17.344	158.323	40975.125	47992.789	31.462	32.635	24.405	1.023
9/30/2017 21:00	2588400	70.292	17.335	158.339	40986.402	48016.316	31.478	32.651	24.398	1.023
9/30/2017 21:15	2589300	70.292	17.337	158.339	40930.762	47948.781	31.429	32.605	24.432	1.023
9/30/2017 21:30	2590200	70.295	17.342	158.347	40940.352	47954.758	31.434	32.609	24.426	1.023
9/30/2017 21:45	2591100	70.293	17.34	158.343	40927.539	47941.734	31.424	32.6	24.433	1.023
9/30/2017 22:00	2592000	70.292	17.336	158.339	40941.68	47962.145	31.439	32.614	24.425	1.023
9/30/2017 22:15	2592900	70.284	17.34	158.321	40939.98	47956.305	31.435	32.61	24.426	1.023
9/30/2017 22:30	2593800	70.284	17.34	158.323	40991.934	48016.789	31.479	32.651	24.395	1.023
9/30/2017 22:45	2594700	70.287	17.342	158.329	40986.145	48008.398	31.473	32.646	24.398	1.023
9/30/2017 23:00	2595600	70.275	17.342	158.302	40940.578	47954.57	31.434	32.609	24.426	1.023
9/30/2017 23:15	2596500	70.274	17.334	158.298	40914.16	47932.328	31.417	32.594	24.441	1.023
9/30/2017 23:30	2597400	70.262	17.344	158.271	40950.109	47964.141	31.441	32.616	24.42	1.023
9/30/2017 23:45	2598300	70.254	17.343	158.254	40962.887	47980.23	31.452	32.627	24.412	1.023
10/1/2017 0:00	2599200	70.252	17.34	158.25	40956.848	47975.785	31.449	32.624	24.416	1.023
10/1/2017 0:15	2600100	70.236	17.351	158.214	40941.805	47946.266	31.428	32.603	24.425	1.023
10/1/2017 0:30	2601000	70.235	17.345	158.211	40964.621	47979.355	31.452	32.626	24.411	1.023
10/1/2017 0:45	2601900	70.231	17.344	158.203	40953.82	47968.488	31.444	32.619	24.418	1.023
10/1/2017 1:00	2602800	70.223	17.336	158.185	40981.758	48009.094	31.473	32.646	24.401	1.023
10/1/2017 1:15	2603700	70.214	17.35	158.164	40952.641	47960.641	31.438	32.613	24.418	1.023
10/1/2017 1:30	2604600	70.204	17.341	158.141	40949.184	47965.777	31.442	32.617	24.421	1.023
10/1/2017 1:45	2605500	70.202	17.34	158.136	40974.316	47996.715	31.464	32.638	24.406	1.023
10/1/2017 2:00	2606400	70.201	17.344	158.135	40929.23	47939.5	31.423	32.599	24.432	1.023
10/1/2017 2:15	2607300	70.193	17.335	158.116	40934.988	47955.797	31.434	32.61	24.429	1.023
10/1/2017 2:30	2608200	70.18	17.338	158.086	40937.777	47955.324	31.434	32.61	24.427	1.023
10/1/2017 2:45	2609100	70.173	17.341	158.072	40970.508	47991.223	31.46	32.634	24.408	1.023
10/1/2017 3:00	2610000	70.165	17.343	158.053	40957.449	47973.305	31.447	32.622	24.416	1.023
10/1/2017 3:15	2610900	70.164	17.34	158.05	40964.242	47984.262	31.455	32.629	24.412	1.023
10/1/2017 3:30	2611800	70.159	17.337	158.039	40905.262	47918.348	31.407	32.584	24.447	1.023
10/1/2017 3:45	2612700	70.149	17.353	158.017	40985.289	47995.871	31.464	32.637	24.399	1.023
10/1/2017 4:00	2613600	70.148	17.341	158.014	40969.328	47989.652	31.459	32.633	24.409	1.023
10/1/2017 4:15	2614500	70.146	17.334	158.011	40960.719	47986.688	31.457	32.631	24.414	1.023
10/1/2017 4:30	2615400	70.141	17.341	158	40946.609	47962.949	31.44	32.615	24.422	1.023
10/1/2017 4:45	2616300	70.143	17.338	158.005	40959.48	47981.023	31.453	32.627	24.414	1.023
10/1/2017 5:00	2617200	70.142	17.341	158.002	40936.426	47950.832	31.431	32.607	24.428	1.023
10/1/2017 5:15	2618100	70.142	17.343	158.002	40987.859	48009.57	31.474	32.647	24.397	1.023
10/1/2017 5:30	2619000	70.15	17.342	158.019	40958.898	47976.297	31.449	32.624	24.415	1.023
10/1/2017 5:45	2619900	70.138	17.339	157.992	40954.676	47974.266	31.448	32.623	24.417	1.023
10/1/2017 6:00	2620800	70.143	17.341	158.003	40957.754	47975.531	31.449	32.623	24.415	1.023
10/1/2017 6:15	2621700	70.148	17.342	158.014	40950.398	47966.527	31.442	32.617	24.42	1.023
10/1/2017 6:30	2622600	70.147	17.336	158.014	40924.773	47942.34	31.424	32.601	24.435	1.023
10/1/2017 6:45	2623500	70.156	17.34	158.033	40962.258	47982.781	31.454	32.628	24.413	1.023
10/1/2017 7:00	2624400	70.159	17.342	158.039	40955.676	47972.332	31.447	32.621	24.417	1.023
10/1/2017 7:15	2625300	70.162	17.336	158.047	40932.164	47950.996	31.431	32.607	24.431	1.023
10/1/2017 7:30	2626200	70.172	17.343	158.068	40976.105	47995.805	31.464	32.637	24.404	1.023
10/1/2017 7:45	2627100	70.18	17.341	158.087	40974.723	47995.879	31.464	32.637	24.405	1.023
10/1/2017 8:00	2628000	70.183	17.336	15						

10/2/2017 6:30	2709000	70.231	17.338	158.203	40948.195	47967.695	31.443	32.618	24.421	1.023
10/2/2017 6:45	2709900	70.231	17.333	158.202	40948.191	47973.516	31.447	32.622	24.421	1.023
10/2/2017 7:00	2710800	70.235	17.333	158.211	40969.773	47998.613	31.465	32.630	24.408	1.023
10/2/2017 7:15	2711700	70.243	17.327	158.23	40939.918	47969.816	31.444	32.619	24.426	1.023
10/2/2017 7:30	2712600	70.233	17.333	158.206	40944.543	47969.051	31.444	32.619	24.423	1.023
10/2/2017 7:45	2713500	70.253	17.331	158.252	40946.211	47973.172	31.446	32.622	24.422	1.023
10/2/2017 8:00	2714400	70.258	17.332	158.263	40949.375	47975.746	31.448	32.624	24.42	1.023
10/2/2017 8:15	2715300	70.248	17.33	158.24	40934.43	47960.676	31.437	32.613	24.429	1.023
10/2/2017 8:30	2716200	70.265	17.341	158.278	40954.059	47971.676	31.446	32.621	24.418	1.023
10/2/2017 8:45	2717100	70.274	17.331	158.299	40955.762	47984.066	31.454	32.629	24.417	1.023
10/2/2017 9:00	2718000	70.283	17.336	158.319	40981.688	48009.391	31.473	32.646	24.401	1.023
10/2/2017 9:15	2718900	70.292	17.332	158.34	40965.406	47994.25	31.462	32.636	24.411	1.023
10/2/2017 9:30	2719800	70.293	17.325	158.343	40930.594	47960.859	31.437	32.613	24.432	1.023
10/2/2017 9:45	2720700	70.289	17.33	158.333	40988.816	48024.211	31.484	32.656	24.397	1.023
10/2/2017 10:00	2721600	70.305	17.33	158.369	40940.258	47967.41	31.442	32.618	24.426	1.023
10/2/2017 10:15	2722500	70.316	17.337	158.393	40938.875	47958.098	31.436	32.612	24.427	1.023
10/2/2017 10:30	2723400	70.297	17.339	158.351	40956.797	48024.176	31.484	32.656	24.392	1.023
10/2/2017 10:45	2724300	70.32	17.335	158.404	40940.613	47962.859	31.439	32.615	24.426	1.023
10/2/2017 11:00	2725200	70.315	17.338	158.391	40908.012	47920.813	31.409	32.586	24.445	1.023
10/2/2017 11:15	2726100	70.323	17.345	158.41	40969.418	47985.727	31.456	32.63	24.408	1.023
10/2/2017 11:30	2727000	70.324	17.343	158.412	40956.574	47972.469	31.447	32.621	24.416	1.023
10/2/2017 11:45	2727900	70.324	17.338	158.412	40973.762	47997.477	31.465	32.638	24.406	1.023
10/2/2017 12:00	2728800	70.33	17.342	158.425	40958.473	47975.527	31.449	32.623	24.415	1.023
10/2/2017 12:15	2729700	70.335	17.342	158.437	40948.938	47964.078	31.441	32.616	24.421	1.023
10/2/2017 12:30	2730600	70.336	17.338	158.438	40952.219	47972.41	31.446	32.621	24.419	1.023
10/2/2017 12:45	2731500	70.328	17.329	158.421	40927.191	47952.66	31.431	32.608	24.434	1.023
10/2/2017 13:00	2732400	70.32	17.34	158.404	40988.996	48013.633	31.477	32.649	24.397	1.023
10/2/2017 13:15	2733300	70.331	17.338	158.427	40965.891	47989.285	31.459	32.633	24.411	1.023
10/2/2017 13:30	2734200	70.323	17.341	158.41	40948.961	47965.883	31.442	32.617	24.421	1.023
10/2/2017 13:45	2735100	70.319	17.338	158.4	40960.164	47982.012	31.453	32.628	24.414	1.023
10/2/2017 14:00	2736000	70.318	17.339	158.399	40967.574	47989.672	31.459	32.633	24.41	1.023
10/2/2017 14:15	2736900	70.315	17.341	158.391	40957.766	47975.641	31.449	32.623	24.415	1.023
10/2/2017 14:30	2737800	70.296	17.342	158.349	41001.316	48025.98	31.486	32.658	24.389	1.023
10/2/2017 14:45	2738700	70.294	17.332	158.345	40948.711	47974.688	31.448	32.623	24.421	1.023
10/2/2017 15:00	2739600	70.306	17.337	158.371	40968.055	47992.004	31.461	32.635	24.409	1.023
10/2/2017 15:15	2740500	70.297	17.34	158.35	40988.379	48012.723	31.476	32.649	24.397	1.023
10/2/2017 15:30	2741400	70.301	17.341	158.36	40946.301	47962.68	31.439	32.615	24.422	1.023
10/2/2017 15:45	2742300	70.297	17.334	158.35	40980.633	48010.313	31.474	32.647	24.402	1.023
10/2/2017 16:00	2743200	70.293	17.335	158.342	40968.145	47994.828	31.463	32.636	24.409	1.023
10/2/2017 16:15	2744100	70.278	17.332	158.308	40940.68	47966.016	31.441	32.617	24.426	1.023
10/2/2017 16:30	2745000	70.292	17.342	158.339	40966.34	47985.199	31.456	32.63	24.41	1.023
10/2/2017 16:45	2745900	70.292	17.34	158.339	40977.465	48000.594	31.467	32.64	24.404	1.023
10/2/2017 17:00	2746800	70.292	17.338	158.339	40996.246	48023.984	31.484	32.656	24.392	1.023
10/2/2017 17:15	2747700	70.273	17.335	158.296	40966.871	47993.523	31.462	32.636	24.41	1.023
10/2/2017 17:30	2748600	70.291	17.341	158.337	40947.477	47963.492	31.44	32.615	24.422	1.023
10/2/2017 17:45	2749500	70.297	17.338	158.351	40930.191	47946.902	31.428	32.604	24.432	1.023
10/2/2017 18:00	2750400	70.298	17.339	158.353	40948.547	47967.191	31.443	32.618	24.421	1.023
10/2/2017 18:15	2751300	70.305	17.341	158.369	40937.129	47951.559	31.431	32.607	24.428	1.023
10/2/2017 18:30	2752200	70.313	17.333	158.387	40968.445	47997.434	31.464	32.638	24.409	1.023
10/2/2017 18:45	2753100	70.308	17.337	158.376	40985.625	48013.438	31.476	32.649	24.399	1.023
10/2/2017 19:00	2754000	70.317	17.342	158.396	40946.094	47961.031	31.438	32.614	24.422	1.023
10/2/2017 19:15	2754900	70.319	17.34	158.4	40957.117	47976.102	31.449	32.624	24.416	1.023
10/2/2017 19:30	2755800	70.33	17.338	158.424	40955.617	47976.219	31.449	32.624	24.417	1.023
10/2/2017 19:45	2756700	70.336	17.336	158.438	40956.617	47980.023	31.452	32.626	24.416	1.023
10/2/2017 20:00	2757600	70.341	17.332	158.45	40922.852	47944.941	31.426	32.603	24.436	1.023
10/2/2017 20:15	2758500	70.35	17.332	158.47	40952.68	47979.887	31.451	32.626	24.418	1.023
10/2/2017 20:30	2759400	70.355	17.335	158.481	40936.539	47957.613	31.435	32.611	24.428	1.023
10/2/2017 20:45	2760300	70.337	17.333	158.442	40914.43	47933.961	31.418	32.595	24.441	1.023
10/2/2017 21:00	2761200	70.366	17.328	158.507	40906.367	47929.762	31.415	32.592	24.446	1.023
10/2/2017 21:15	2762100	70.351	17.334	158.473	40949.766	47974.707	31.448	32.623	24.42	1.023
10/2/2017 21:30	2763000	70.371	17.339	158.517	40904.082	47915.664	31.405	32.583	24.447	1.023
10/2/2017 21:45	2763900	70.379	17.336	158.535	40944.355	47965.738	31.441	32.617	24.423	1.023
10/2/2017 22:00	2764800	70.388	17.332	158.555	40926.523	47949.16	31.429	32.605	24.434	1.023
10/2/2017 22:15	2765700	70.392	17.331	158.565	40957.781	47986.996	31.457	32.631	24.415	1.023
10/2/2017 22:30	2766600	70.369	17.333	158.514	40961.715	47989.074	31.458	32.633	24.413	1.023
10/2/2017 22:45	2767500	70.39	17.343	158.56	40975.66	47995.281	31.463	32.637	24.405	1.023
10/2/2017 23:00	2768400	70.393	17.326	158.567	40922.645	47950.898	31.43	32.607	24.436	1.023
10/2/2017 23:15	2769300	70.389	17.335	158.557	40943.84	47965.887	31.441	32.617	24.424	1.023
10/2/2017 23:30	2770200	70.393	17.328	158.567	40938.438	47966.969	31.442	32.618	24.427	1.023
10/2/2017 23:45	2771100	70.397	17.33	158.577	40910.309	47932.32	31.417	32.594	24.444	1.023
10/3/2017 0:00	2772000	70.389	17.325	158.557	40939.922	47972.543	31.446	32.621	24.426	1.023
10/3/2017 0:15	2772900	70.387	17.331	158.553	40930.875	47955.016	31.433	32.609	24.431	1.023
10/3/2017 0:30	2773800	70.388	17.326	158.557	40946.855	47979.16	31.451	32.626	24.422	1.023
10/3/2017 0:45	2774700	70.376	17.331	158.528	40961.828	47991.281	31.46	32.634	24.413	1.023
10/3/2017 1:00	2775600	70.379	17.33	158.537	40906.633	47927.922	31.413	32.591	24.446	1.023
10/3/2017 1:15	2776500	70.367	17.327	158.508	40932.125	47960.875	31.437	32.613	24.431	1.023
10/3/2017 1:30	2777400	70.364	17.33	158.502	40914.113	47937.152	31.42	32.597	24.441	1.023
10/3/2017 1:45	2778300	70.349	17.331	158.468	40969.199	48000.371	31.466	32.64	24.409	1.023
10/3/2017 2:00	2779200	70.34	17.336	158.448	40958.992	47982.32	31.453	32.628	24.415	1.023
10/3/2017 2:15	2780100	70.32	17.334	158.402	40960.191	47986.918	31.457	32.631	24.414	1.023
10/3/2017 2:30	2781000	70.332	17.333	158.429	40913.809	47933.047	31.417	32.594	24.442	1.023
10/3/2017 2:45	2781900	70.32	17.333	158.404	40963.102	47990.793	31.459	32.634	24.412	1.023
10/3/2017 3:00	2782800	70.314	17.338	158.389	40977.879	48003.035	31.469	32.642	24.403	1.023
10/3/2017 3:15	2783700	70.292	17.331	158.34	40944.148	47970.566	31.445	32.62	24.424	1.023
10/3/2017 3:30	2784600	70.297	17.328	158.351	40912.68	47937.16	31.42	32.597	24.442	1.023
10/3/2017 3:45	2785500	70.295	17.324	158.347	40942.906	47976.891	31.449	32.624	24.424	1.023
10/3/2017 4:00	2786400	70.273	17.333	158.296	40928.945	47951.059	31.43	32.607	24.433	1.023
10/3/2017 4:15	2787300	70.275	17.329	158.301	40928.805	47954.551	31.433	32.609	24.433	1.023
10/3/2017 4:30	2788200	70.278	17.331							

10/4/2017 3:00	2869200	70.32	17.326	158.404	40883.84	47905.43	31.397	32.576	24.46	1.023
10/4/2017 3:15	2870100	70.313	17.329	158.387	40863.313	47877.727	31.377	32.557	24.472	1.023
10/4/2017 3:30	2871000	70.307	17.317	158.374	40909.961	47945.777	31.426	32.603	24.444	1.023
10/4/2017 3:45	2871900	70.295	17.316	158.347	40901.535	47937.5	31.419	32.597	24.449	1.023
10/4/2017 4:00	2872800	70.284	17.323	158.323	40927.609	47959.996	31.436	32.613	24.433	1.023
10/4/2017 4:15	2873700	70.279	17.321	158.31	40902.938	47933.516	31.417	32.595	24.448	1.023
10/4/2017 4:30	2874600	70.277	17.324	158.305	40899.703	47925.789	31.411	32.59	24.45	1.023
10/4/2017 4:45	2875500	70.269	17.33	158.288	40902.621	47923.5	31.41	32.588	24.448	1.023
10/4/2017 5:00	2876400	70.262	17.327	158.271	40891.742	47914.207	31.403	32.582	24.455	1.023
10/4/2017 5:15	2877300	70.259	17.322	158.264	40905.32	47934.723	31.418	32.596	24.447	1.023
10/4/2017 5:30	2878200	70.237	17.331	158.217	40915.441	47937.121	31.42	32.597	24.441	1.023
10/4/2017 5:45	2879100	70.222	17.326	158.182	40918.906	47946.891	31.427	32.604	24.439	1.023
10/4/2017 6:00	2880000	70.224	17.326	158.187	40930.063	47959.211	31.436	32.612	24.432	1.023
10/4/2017 6:15	2880900	70.241	17.331	158.226	40961.242	47990.594	31.459	32.634	24.413	1.023
10/4/2017 6:30	2881800	70.24	17.331	158.222	40896.066	47914.688	31.404	32.582	24.452	1.023
10/4/2017 6:45	2882700	70.244	17.329	158.232	40916.098	47939.852	31.422	32.599	24.44	1.023
10/4/2017 7:00	2883600	70.243	17.327	158.228	40912.074	47937.66	31.42	32.598	24.443	1.023
10/4/2017 7:15	2884500	70.238	17.324	158.219	40928.641	47960.453	31.437	32.613	24.433	1.023
10/4/2017 7:30	2885400	70.254	17.321	158.254	40894.773	47923.762	31.41	32.588	24.453	1.023
10/4/2017 7:45	2886300	70.258	17.321	158.263	40903.125	47933.926	31.417	32.595	24.448	1.023
10/4/2017 8:00	2887200	70.238	17.324	158.218	40918.254	47947.715	31.427	32.604	24.439	1.023
10/4/2017 8:15	2888100	70.254	17.326	158.255	40908.066	47934.004	31.418	32.595	24.445	1.023
10/4/2017 8:30	2889000	70.245	17.326	158.234	40953.453	47987.184	31.456	32.631	24.418	1.023
10/4/2017 8:45	2889900	70.271	17.325	158.292	40902.086	47928.207	31.413	32.591	24.449	1.023
10/4/2017 9:00	2890800	70.275	17.325	158.302	40928.488	47958.867	31.436	32.612	24.433	1.023
10/4/2017 9:15	2891700	70.283	17.33	158.32	40953.668	47982.84	31.453	32.628	24.418	1.023
10/4/2017 9:30	2892600	70.295	17.322	158.347	40923.75	47956.211	31.434	32.61	24.436	1.023
10/4/2017 9:45	2893500	70.297	17.332	158.351	40896.629	47913.574	31.403	32.581	24.452	1.023
10/4/2017 10:00	2894400	70.289	17.332	158.332	40931.266	47954.527	31.433	32.609	24.431	1.023
10/4/2017 10:15	2895300	70.313	17.329	158.387	40964.559	47997.199	31.464	32.638	24.411	1.023
10/4/2017 10:30	2896200	70.322	17.332	158.408	40926.102	47948.477	31.428	32.605	24.434	1.023
10/4/2017 10:45	2897100	70.311	17.327	158.383	40947.73	47978.973	31.45	32.626	24.421	1.023
10/4/2017 11:00	2898000	70.329	17.328	158.424	40937.313	47966.02	31.441	32.617	24.428	1.023
10/4/2017 11:15	2898900	70.345	17.328	158.459	40933.473	47961.055	31.437	32.614	24.43	1.023
10/4/2017 11:30	2899800	70.345	17.331	158.458	40941	47967.066	31.442	32.618	24.425	1.023
10/4/2017 11:45	2900700	70.349	17.334	158.468	40950.172	47975.086	31.448	32.623	24.42	1.023
10/4/2017 12:00	2901600	70.35	17.331	158.47	40923.5	47946.266	31.427	32.603	24.436	1.023
10/4/2017 12:15	2902500	70.355	17.327	158.482	40926.32	47953.887	31.432	32.609	24.434	1.023
10/4/2017 12:30	2903400	70.357	17.333	158.486	40956.961	47983.98	31.454	32.629	24.416	1.023
10/4/2017 12:45	2904300	70.355	17.331	158.482	40951.199	47978.637	31.45	32.625	24.419	1.023
10/4/2017 13:00	2905200	70.353	17.329	158.476	40946.398	47976.109	31.448	32.624	24.422	1.023
10/4/2017 13:15	2906100	70.355	17.333	158.482	40944.605	47969.691	31.444	32.619	24.423	1.023
10/4/2017 13:30	2907000	70.33	17.33	158.426	40960.129	47991.066	31.459	32.634	24.414	1.023
10/4/2017 13:45	2907900	70.355	17.329	158.481	40943.355	47971.602	31.445	32.621	24.424	1.023
10/4/2017 14:00	2908800	70.348	17.326	158.465	40919.543	47947.824	31.428	32.605	24.438	1.023
10/4/2017 14:15	2909700	70.34	17.322	158.447	40920.086	47951.84	31.43	32.607	24.438	1.023
10/4/2017 14:30	2910600	70.324	17.324	158.413	40916.355	47945.402	31.426	32.603	24.44	1.023
10/4/2017 14:45	2911500	70.336	17.329	158.438	40951.324	47981.594	31.453	32.627	24.419	1.023
10/4/2017 15:00	2912400	70.331	17.324	158.427	40925.5	47956.965	31.434	32.611	24.435	1.023
10/4/2017 15:15	2913300	70.324	17.324	158.412	40931.168	47963.039	31.439	32.615	24.431	1.023
10/4/2017 15:30	2914200	70.322	17.326	158.408	40958.672	47993.488	31.461	32.636	24.415	1.023
10/4/2017 15:45	2915100	70.306	17.33	158.37	40924.051	47947.949	31.428	32.605	24.436	1.023
10/4/2017 16:00	2916000	70.301	17.328	158.36	40929.523	47956.613	31.434	32.611	24.432	1.023
10/4/2017 16:15	2916900	70.278	17.328	158.308	40932.449	47960.605	31.437	32.613	24.43	1.023
10/4/2017 16:30	2917800	70.285	17.328	158.323	40935.332	47964.07	31.44	32.616	24.429	1.023
10/4/2017 16:45	2918700	70.284	17.335	158.322	40934.691	47955.355	31.434	32.61	24.429	1.023
10/4/2017 17:00	2919600	70.274	17.321	158.298	40906.984	47937.793	31.42	32.598	24.446	1.023
10/4/2017 17:15	2920500	70.271	17.33	158.292	40916.613	47939.801	31.422	32.599	24.44	1.023
10/4/2017 17:30	2921400	70.267	17.322	158.283	40930.672	47965.176	31.44	32.616	24.432	1.023
10/4/2017 17:45	2922300	70.251	17.329	158.248	40941.23	47969.109	31.443	32.619	24.425	1.023
10/4/2017 18:00	2923200	70.267	17.326	158.283	40938.238	47969.355	31.443	32.619	24.427	1.023
10/4/2017 18:15	2924100	70.262	17.326	158.271	40934.43	47964.52	31.44	32.616	24.429	1.023
10/4/2017 18:30	2925000	70.254	17.323	158.255	40954.664	47992.172	31.46	32.635	24.417	1.023
10/4/2017 18:45	2925900	70.26	17.327	158.267	40954.453	47987.414	31.457	32.631	24.417	1.023
10/4/2017 19:00	2926800	70.245	17.336	158.234	40963.867	47988.594	31.458	32.632	24.412	1.023
10/4/2017 19:15	2927700	70.246	17.328	158.237	40930.844	47958.352	31.435	32.612	24.431	1.023
10/4/2017 19:30	2928600	70.267	17.328	158.283	40926.059	47952.746	31.431	32.608	24.434	1.023
10/4/2017 19:45	2929500	70.258	17.332	158.264	40940.609	47965.199	31.441	32.616	24.426	1.023
10/4/2017 20:00	2930400	70.279	17.332	158.31	40886.477	47901.777	31.394	32.573	24.458	1.023
10/4/2017 20:15	2931300	70.29	17.327	158.336	40922.004	47948.934	31.429	32.605	24.437	1.023
10/4/2017 20:30	2932200	70.284	17.326	158.321	40916.883	47944.605	31.425	32.602	24.44	1.023
10/4/2017 20:45	2933100	70.287	17.329	158.329	40921.012	47945.332	31.426	32.603	24.437	1.023
10/4/2017 21:00	2934000	70.297	17.327	158.351	40922.172	47949.023	31.429	32.605	24.437	1.023
10/4/2017 21:15	2934900	70.308	17.332	158.376	40889.043	47905.063	31.397	32.575	24.456	1.023
10/4/2017 21:30	2935800	70.296	17.332	158.349	40867.703	47892.871	31.387	32.567	24.469	1.023
10/4/2017 21:45	2936700	70.313	17.325	158.388	40896.629	47921.625	31.408	32.587	24.452	1.023
10/4/2017 22:00	2937600	70.32	17.318	158.403	40848.105	47872.633	31.372	32.553	24.481	1.023
10/4/2017 22:15	2938500	70.34	17.326	158.448	40868.078	47887.148	31.383	32.563	24.469	1.023
10/4/2017 22:30	2939400	70.343	17.325	158.455	40905.355	47931.66	31.416	32.594	24.447	1.023
10/4/2017 22:45	2940300	70.35	17.326	158.471	40872.473	47892.188	31.387	32.567	24.466	1.023
10/4/2017 23:00	2941200	70.353	17.328	158.476	40907.57	47931.648	31.416	32.594	24.445	1.023
10/4/2017 23:15	2942100	70.361	17.33	158.494	40906.605	47927.789	31.413	32.591	24.446	1.023
10/4/2017 23:30	2943000	70.373	17.317	158.522	40858.785	47886.176	31.382	32.563	24.475	1.023
10/4/2017 23:45	2943900	70.374	17.323	158.525	40872.594	47895.152	31.389	32.569	24.466	1.023

Report Date:	10/9/2017 9:52		
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_2017-10-05_13-26-59-852-BaroMerge.wsl		
Create Date	10/9/2017 9:46		
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	Depth		
Specific Gravity	1.012		
Other Log Settings			
Depth of Probe:	78.3792 (ft)		
Head Pressure:	34.3873 (PSI)		
Temperature:	16.2281 (C)		
Specific Conductivity Model:	Standard Methods		
Reference Temperature:	25		
Temperature Coefficient:	0.0191		
TDS Factor:	0.68		
Log Notes:			
Date and Time	Note		
1/15/2016 9:07 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 AM			
3/10/2016 14:40 Log Download - Used Battery: 4% Used Memory: 9% User Name: KMakar Interval - Start Time: 3/1/2016 12:00:00 PM Stop Time: 3/10/2016 2:30:00 PM			
3/17/2016 12:40 Log Download - Used Battery: 5% Used Memory: 9% User Name: Skuiper Interval - Start Time: 3/8/2016 12:00:01 AM Stop Time: 3/17/2016 1:30:00 PM			
3/24/2016 9:01 Log Download - Used Battery: 5% Used Memory: 10% User Name: KMakar Interval - Start Time: 3/15/2016 12:00:00 PM Stop Time: 3/24/2016 9:00:00 AM			
3/31/2016 15:14 Log Download - Used Battery: 6% Used Memory: 10% User Name: Skuiper Interval - Start Time: 3/22/2016 12:00:00 PM Stop Time: 3/31/2016 4:00:00 PM			
4/7/2016 9:43 Log Download - Used Battery: 6% Used Memory: 12% User Name: KMakar Interval - Start Time: 2/29/2016 5:00:00 PM Stop Time: 4/7/2016 9:45:00 AM			
4/14/2016 15:18 Log Download - Used Battery: 6% Used Memory: 12% User Name: Skuiper Interval - Start Time: 4/5/2016 12:00:00 PM Stop Time: 4/14/2016 4:15:00 PM			
4/21/2016 13:31 Log Download - Used Battery: 7% Used Memory: 14% User Name: Elinden Interval - Start Time: 4/12/2016 1:30:00 PM Stop Time: 4/21/2016 2:30:00 PM			
4/28/2016 8:25 Log Download - Used Battery: 7% Used Memory: 14% User Name: KMakar Interval - Start Time: 4/19/2016 5:00:00 PM Stop Time: 4/28/2016 8:15:00 AM			
5/5/2016 9:32 Log Download - Used Battery: 7% Used Memory: 15% User Name: Skuiper Interval - Start Time: 3/31/2016 12:00:00 PM Stop Time: 5/5/2016 10:15:00 AM			
5/12/2016 10:18 Log Download - Used Battery: 8% Used Memory: 15% User Name: Skuiper Interval - Start Time: 5/3/2016 12:00:00 PM Stop Time: 5/12/2016 10:15:00 AM			
5/19/2016 14:12 Log Download - Used Battery: 8% Used Memory: 17% User Name: Elinden Interval - Start Time: 5/10/2016 12:00:00 PM Stop Time: 5/19/2016 3:00:00 PM			
5/26/2016 9:07 Log Download - Used Battery: 8% Used Memory: 17% User Name: Skuiper Interval - Start Time: 5/17/2016 6:00:00 PM Stop Time: 5/26/2016 9:00:00 AM			
6/2/2016 11:43 Log Download - Used Battery: 9% Used Memory: 18% User Name: Skuiper Interval - Start Time: 4/30/2016 10:00:00 PM Stop Time: 6/2/2016 12:30:00 PM			
6/9/2016 9:35 Log Download - Used Battery: 9% Used Memory: 18% User Name: CShaw Interval - Start Time: 5/31/2016 5:00:00 AM Stop Time: 6/9/2016 10:30:00 AM			
6/16/2016 11:18 Log Download - Used Battery: 9% Used Memory: 20% User Name: Skuiper Interval - Start Time: 6/7/2016 10:30:00 PM Stop Time: 6/16/2016 11:15:00 AM			
6/23/2016 10:12 Log Download - Used Battery: 10% Used Memory: 20% User Name: Skuiper Interval - Start Time: 6/15/2016 10:00:00 PM Stop Time: 6/23/2016 10:00:00 AM			
7/1/2016 11:51 Log Download - Used Battery: 10% Used Memory: 21% User Name: Skuiper Interval - Start Time: 5/31/2016 10:00:00 PM Stop Time: 7/1/2016 11:45:00 AM			
7/1/2016 11:53 Log Download - Used Battery: 10% Used Memory: 21% User Name: Skuiper Interval - Start Time: 5/31/2016 10:00:00 PM Stop Time: 7/1/2016 11:45:00 AM			
7/8/2016 11:56 Log Download - Used Battery: 11% Used Memory: 23% User Name: Skuiper Interval - Start Time: 6/29/2016 10:00:00 PM Stop Time: 7/8/2016 11:30:00 AM			
7/14/2016 18:00 Log Download - Used Battery: 11% Used Memory: 23% User Name: Elinden Interval - Start Time: 7/5/2016 12:00:00 PM Stop Time: 7/14/2016 7:00:00 PM			
7/21/2016 11:13 Log Download - Used Battery: 11% Used Memory: 25% User Name: Skuiper Interval - Start Time: 7/13/2016 10:00:00 PM Stop Time: 7/21/2016 11:00:00 AM			
7/28/2016 18:19 Log Download - Used Battery: 12% Used Memory: 25% User Name: Skuiper Interval - Start Time: 7/20/2016 10:00:00 PM Stop Time: 7/28/2016 6:15:00 PM			
8/4/2016 15:01 Log Download - Used Battery: 12% Used Memory: 26% User Name: Skuiper Interval - Start Time: 6/30/2016 10:00:00 PM Stop Time: 8/4/2016 3:45:00 PM			
8/11/2016 10:51 Log Download - Used Battery: 12% Used Memory: 26% User Name: Elinden Interval - Start Time: 8/3/2016 12:00:00 PM Stop Time: 8/11/2016 11:45:00 AM			
8/18/2016 15:48 Log Download - Used Battery: 13% Used Memory: 28% User Name: Skuiper Interval - Start Time: 8/10/2016 10:00:00 PM Stop Time: 8/18/2016 4:45:00 PM			
8/25/2016 12:33 Log Download - Used Battery: 13% Used Memory: 28% User Name: Elinden Interval - Start Time: 8/17/2016 10:00:00 PM Stop Time: 8/25/2016 1:30:00 PM			
9/1/2016 16:11 Log Download - Used Battery: 14% Used Memory: 29% User Name: skuiper Interval - Start Time: 7/31/2016 10:00:00 PM Stop Time: 9/1/2016 4:00:00 PM			
9/8/2016 18:27 Log Download - Used Battery: 14% Used Memory: 29% User Name: Skuiper Interval - Start Time: 8/31/2016 10:00:00 PM Stop Time: 9/8/2016 6:15:00 PM			
9/15/2016 15:20 Log Download - Used Battery: 14% Used Memory: 31% User Name: ANorris Interval - Start Time: 9/7/2016 10:00:00 PM Stop Time: 9/15/2016 4:15:00 PM			
9/22/2016 12:49 Log Download - Used Battery: 15% Used Memory: 31% User Name: ANorris Interval - Start Time: 9/14/2016 10:00:00 PM Stop Time: 9/22/2016 1:45:00 PM			
10/1/2016 11:37 Log Download - Used Battery: 15% Used Memory: 32% User Name: ANorris Interval - Start Time: 9/21/2016 10:00:00 PM Stop Time: 10/1/2016 12:30:00 PM			
10/6/2016 12:03 Log Download - Used Battery: 15% Used Memory: 32% User Name: Skuiper Interval - Start Time: 9/28/2016 10:00:00 PM Stop Time: 10/6/2016 12:00:00 PM			
10/13/2016 16:33 Log Download - Used Battery: 16% Used Memory: 34% User Name: Skuiper Interval - Start Time: 10/5/2016 10:00:00 PM Stop Time: 10/13/2016 5:15:00 PM			
10/20/2016 16:56 Log Download - Used Battery: 16% Used Memory: 34% User Name: Skuiper Interval - Start Time: 10/12/2016 10:00:00 PM Stop Time: 10/20/2016 4:30:00 PM			
10/20/2016 17:30 Log Download - Used Battery: 16% Used Memory: 34% User Name: Skuiper Interval - Start Time: 10/12/2016 10:00:00 PM Stop Time: 10/20/2016 6:30:00 PM			
10/27/2016 12:47 Log Download - Used Battery: 16% Used Memory: 35% User Name: Skuiper Interval - Start Time: 10/19/2016 10:00:00 PM Stop Time: 10/27/2016 12:45:00 PM			
11/3/2016 15:56 Log Download - Used Battery: 17% Used Memory: 35% User Name: Skuiper Interval - Start Time: 9/30/2016 5:00:00 PM Stop Time: 11/3/2016 4:45:00 PM			
11/11/2016 8:29 Log Download - Used Battery: 17% Used Memory: 37% User Name: Skuiper Interval - Start Time: 11/2/2016 10:00:00 PM Stop Time: 11/11/2016 6:15:00 AM			
11/17/2016 15:06 Log Download - Used Battery: 18% Used Memory: 37% User Name: Skuiper Interval - Start Time: 11/9/2016 10:00:00 PM Stop Time: 11/17/2016 4:00:00 PM			
11/24/2016 12:33 Log Download - Used Battery: 18% Used Memory: 39% User Name: Skuiper Interval - Start Time: 11/15/2016 10:00:00 PM Stop Time: 11/24/2016 12:30:00 PM			
11/24/2016 14:38 Log Download - Used Battery: 18% Used Memory: 39% User Name: Skuiper Interval - Start Time: 11/15/2016 10:00:00 PM Stop Time: 11/24/2016 5:30:00 PM			
12/2/2016 8:02 Log Download - Used Battery: 19% Used Memory: 40% User Name: Skuiper Interval - Start Time: 10/31/2016 10:00:00 PM Stop Time: 12/2/2016 8:45:00 AM			
12/9/2016 9:52 Log Download - Used Battery: 19% Used Memory: 40% User Name: Skuiper Interval - Start Time: 11/30/2016 10:00:00 PM Stop Time: 12/9/2016 9:30:00 AM			
12/15/2016 15:24 Log Download - Used Battery: 19% Used Memory: 42% User Name: Skuiper Interval - Start Time: 12/7/2016 10:00:00 PM Stop Time: 12/15/2016 3:15:00 PM			
12/22/2016 12:10 Log Download - Used Battery: 20% Used Memory: 42% User Name: ANorris Interval - Start Time: 12/14/2016 10:00:00 PM Stop Time: 12/22/2016 1:00:00 PM			
1/5/2017 10:19 Log Download - Used Battery: 20% Used Memory: 43% User Name: Skuiper Interval - Start Time: 11/30/2016 10:00:00 PM Stop Time: 1/5/2017 10:15:00 AM			
1/12/2017 16:13 Log Download - Used Battery: 21% Used Memory: 45% User Name: Skuiper Interval - Start Time: 1/4/2017 10:00:00 PM Stop Time: 1/12/2017 4:00:00 PM			
1/19/2017 12:41 Log Download - Used Battery: 21% Used Memory: 45% User Name: EHernandez Interval - Start Time: 1/11/2017 10:00:00 PM Stop Time: 1/19/2017 1:30:00 PM			
1/26/2017 9:55 Log Download - Used Battery: 21% Used Memory: 46% User Name: Skuiper Interval - Start Time: 1/18/2017 10:00:00 PM Stop Time: 1/26/2017 11:45:00 AM			
2/2/2017 15:47 Log Download - Used Battery: 22% Used Memory: 46% User Name: WMassoll Interval - Start Time: 12/31/2016 10:00:00 PM Stop Time: 2/2/2017 4:45:00 PM			
2/9/2017 12:01 Log Download - Used Battery: 22% Used Memory: 48% User Name: EHernandez Interval - Start Time: 2/1/2017 12:00:00 AM Stop Time: 2/9/2017 12:45:00 PM			
2/16/2017 12:00 Log Download - Used Battery: 22% Used Memory: 48% User Name: WMassoll Interval - Start Time: 2/8/2017 10:00:00 PM Stop Time: 2/16/2017 12:00:00 PM			
2/23/2017 14:10 Log Download - Used Battery: 23% Used Memory: 50% User Name: EHernandez Interval - Start Time: 2/15/2017 12:00:00 AM Stop Time: 2/23/2017 3:00:00 PM			
3/2/2017 16:07 Log Download - Used Battery: 23% Used Memory: 50% User Name: Skuiper Interval - Start Time: 1/31/2017 10:00:00 PM Stop Time: 3/2/2017 5:00:00 PM			
3/9/2017 12:18 Log Download - Used Battery: 24% Used Memory: 51% User Name: WMassoll Interval - Start Time: 3/1/2017 11:30:00 PM Stop Time: 3/9/2017 1:15:00 PM			
3/16/2017 16:09 Log Download - Used Battery: 24% Used Memory: 51% User Name: WMassoll Interval - Start Time: 3/8/2017 10:00:00 PM Stop Time: 3/16/2017 5:00:00 PM			
10/9/2017 9:46 User Note: "Pressure & Level adjusted by baro data from: "MPWSP Barotroll_2017-10-05_19-08-59-078.wsl""			
Log Data:			
Record Count	3326		
Sensors	2		
1			
428966 PCTD 100 PSIA (60.1m/197.3ft)			
2			
0 Baro-Adjustment Calc			
Time Zone: Pacific Daylight Time			
Sensor: PCTD(A) 197.3ft			
SNR: 428966			
Corrected			
Temperature (C)			
16.099			
44.815			
696.491			
839.151			
0.415			
570.623			
1435.769			
0.999			
14.692			
9/28/2017 0:00			
2340000			
19.662			
16.099			
44.815			
696.491			
839.151			
0.415			
570.623			
1435.769			
0.999			
14.692			
9/28/2017 0:15			
2340900			
19.659			
16.1			
44.809			
696.615			
839.293			
0.415			
570.719			
1435.512			
0.999			
14.693			
9/28/2017 0:30			
2341800			
19.653			
16.1			
44.796			
696.434			
839.071			
0.415			
570.568			
1435.886			
0.999			
14.699			
9/28/2017 0:45			
2342700			
19.653			
16.099			
44.795			
696.532			
839.196			
0.415			
570.653			
1435.685			
0.999			
14.694			
9/28/2017 1:00			
2343600			
19.659			
16.1			
44.809			
696.464			
839.113			
0.415			
570.597			
1435.823			
0.999			
14.694			
9/28/2017 1:15			
2344500			
19.654			
16.099			
44.798			
696.544			
839.226			
0.415			
570.674			
1435.659			
0.999			
14.695			
9/28/2017 1:30			
2345400			
19.652			
16.099			
44.793			
696.421			
839.076			
0.415			
570.572			
1435.912			
0.999			
14.692			
9/28/2017 1:45			
2346300			
19.657			
16.099			
44.803			
696.631			
839.028			
0.415			
570.743			
1435.48			
0.999			
14.687			
9/28/2017 2:00			
2347200			
19.666			
16.099			
44.826			
696.608			
839.296			
0.415			
570.721			
1435.527			
0.999			
14.683			
9/28/2017 2:15			
2348100			
19.659			
16.1			
44.809			
696.573			
839.244			
0.415			
570.686			
1435.599			
0.999			
14.689			
9/28/2017 2:30			
2349000			
19.657			
16.099			
44.805			
696.457			
839.109			
0.415			
570.594			
1435.839			
0.999			
14.693			
9/28/2017 2:45			
2349900			
19.65			
16.099			
44.787			
696.554			
839.344			
0.415			
570.754			
1435.432			
0.999			
14.688			
9/28/2017 3:00			
2350800			
19.654			
16.1			
44.797			
696.619			
839.291			
0.415			
570.718			
1435.505			
0.999			
14.693			
9/28/2017 3:15			
2351700			
19.653			
16.1			
44.795			
696.698			
839.277			
0.415			
570.776			
1435.343			
0.999			
14.688			
9/28/2017 3:30			
2352600			
19.657			
16.101			
44.804			
696.563			
839.308			
0.415			
570.661			
1435.621			
0.999			
14.686			
9/28/2017 3:45			
2353500			
19.659			
16.101			
44.808			
696.634			
839.291			

9/28/2017 17:30	2403000	19.651	16.099	44.791	696.327	838.956	0.415	570.49	1436.106	0.999	14.693
9/28/2017 17:45	2403900	19.646	16.099	44.78	696.248	838.862	0.415	570.427	1436.27	0.999	14.702
9/28/2017 18:00	2404800	19.644	16.099	44.775	696.161	838.761	0.415	570.358	1436.449	0.999	14.696
9/28/2017 18:15	2405700	19.657	16.099	44.804	696.364	838.997	0.415	570.518	1436.03	0.999	14.693
9/28/2017 18:30	2406600	19.656	16.099	44.801	696.237	838.849	0.415	570.417	1436.292	0.999	14.694
9/28/2017 18:45	2407500	19.649	16.099	44.785	696.273	838.9	0.415	570.452	1436.218	0.999	14.699
9/28/2017 19:00	2408400	19.645	16.099	44.765	696.253	838.665	0.415	570.426	1436.259	0.999	14.696
9/28/2017 19:15	2409300	19.649	16.099	44.786	696.248	838.869	0.415	570.431	1436.271	0.999	14.697
9/28/2017 19:30	2410200	19.653	16.099	44.795	696.309	838.941	0.415	570.48	1436.143	0.999	14.699
9/28/2017 19:45	2411100	19.651	16.099	44.792	696.206	838.813	0.415	570.393	1436.357	0.999	14.698
9/28/2017 20:00	2412000	19.645	16.099	44.776	696.281	838.911	0.415	570.459	1436.202	0.999	14.7
9/28/2017 20:15	2412900	19.655	16.099	44.799	696.275	838.803	0.415	570.464	1436.215	0.999	14.695
9/28/2017 20:30	2413800	19.653	16.099	44.785	696.22	838.832	0.415	570.405	1436.328	0.999	14.702
9/28/2017 20:45	2414700	19.646	16.099	44.78	696.184	838.79	0.415	570.378	1436.402	0.999	14.701
9/28/2017 21:00	2415600	19.649	16.099	44.787	696.305	838.927	0.415	570.47	1436.153	0.999	14.707
9/28/2017 21:15	2416500	19.653	16.099	44.796	696.205	838.812	0.415	570.392	1436.358	0.999	14.705
9/28/2017 21:30	2417400	19.648	16.099	44.784	696.335	838.964	0.415	570.496	1436.09	0.999	14.705
9/28/2017 21:45	2418300	19.641	16.099	44.768	696.36	838.996	0.415	570.517	1436.038	0.999	14.707
9/28/2017 22:00	2419200	19.652	16.099	44.792	696.318	838.852	0.415	570.487	1436.125	0.999	14.704
9/28/2017 22:15	2420100	19.655	16.098	44.8	696.33	838.973	0.415	570.502	1436.101	0.999	14.701
9/28/2017 22:30	2421000	19.645	16.099	44.776	696.292	838.917	0.415	570.464	1436.179	0.999	14.706
9/28/2017 22:45	2421900	19.651	16.098	44.79	696.162	838.771	0.415	570.364	1436.446	0.999	14.708
9/28/2017 23:00	2422800	19.647	16.098	44.781	696.397	839.052	0.415	570.555	1435.963	0.999	14.709
9/28/2017 23:15	2423700	19.649	16.099	44.785	696.164	838.767	0.415	570.361	1436.442	0.999	14.71
9/28/2017 23:30	2424600	19.649	16.099	44.786	696.3	838.928	0.415	570.471	1436.163	0.999	14.711
9/28/2017 23:45	2425500	19.646	16.099	44.778	696.367	839.012	0.415	570.528	1436.025	0.999	14.714
9/29/2017 0:00	2426400	19.643	16.099	44.773	696.427	839.074	0.415	570.571	1435.901	0.999	14.713
9/29/2017 0:15	2427300	19.649	16.099	44.786	696.349	838.979	0.415	570.506	1436.062	0.999	14.715
9/29/2017 0:30	2428200	19.657	16.099	44.804	696.261	838.881	0.415	570.439	1436.244	0.999	14.705
9/29/2017 0:45	2429100	19.658	16.099	44.807	696.286	838.917	0.415	570.464	1436.19	0.999	14.708
9/29/2017 1:00	2430000	19.644	16.099	44.775	696.382	839.021	0.415	570.534	1435.993	0.999	14.717
9/29/2017 1:15	2430900	19.65	16.099	44.788	696.39	839.037	0.415	570.545	1435.977	0.999	14.71
9/29/2017 1:30	2431800	19.646	16.099	44.779	696.318	838.941	0.415	570.48	1436.126	0.999	14.714
9/29/2017 1:45	2432700	19.646	16.099	44.78	696.34	838.972	0.415	570.501	1436.08	0.999	14.712
9/29/2017 2:00	2433600	19.652	16.099	44.792	696.367	839.011	0.415	570.528	1436.024	0.999	14.714
9/29/2017 2:15	2434500	19.649	16.099	44.785	696.312	838.943	0.415	570.481	1436.138	0.999	14.711
9/29/2017 2:30	2435400	19.651	16.098	44.791	696.376	839.027	0.415	570.538	1436.006	0.999	14.709
9/29/2017 2:45	2436300	19.65	16.099	44.788	696.278	838.898	0.415	570.451	1436.208	0.999	14.713
9/29/2017 3:00	2437200	19.645	16.099	44.778	696.286	838.906	0.415	570.456	1436.192	0.999	14.709
9/29/2017 3:15	2438100	19.648	16.099	44.783	696.422	839.07	0.415	570.568	1435.911	0.999	14.712
9/29/2017 3:30	2439000	19.646	16.099	44.778	696.226	838.836	0.415	570.408	1436.315	0.999	14.716
9/29/2017 3:45	2439900	19.655	16.099	44.8	696.36	839.002	0.415	570.522	1436.039	0.999	14.713
9/29/2017 4:00	2440800	19.641	16.099	44.769	696.419	839.086	0.415	570.578	1435.917	0.999	14.712
9/29/2017 4:15	2441700	19.647	16.098	44.781	696.438	839.102	0.415	570.589	1435.877	0.999	14.716
9/29/2017 4:30	2442600	19.644	16.099	44.774	696.248	838.866	0.415	570.429	1436.27	0.999	14.717
9/29/2017 4:45	2443500	19.654	16.099	44.796	696.577	839.267	0.415	570.702	1435.591	0.999	14.712
9/29/2017 5:00	2444400	19.659	16.099	44.808	696.544	839.228	0.415	570.675	1435.659	0.999	14.711
9/29/2017 5:15	2445300	19.651	16.099	44.791	696.404	839.052	0.415	570.555	1435.948	0.999	14.715
9/29/2017 5:30	2446200	19.654	16.099	44.797	696.591	839.278	0.415	570.709	1435.562	0.999	14.713
9/29/2017 5:45	2447100	19.648	16.099	44.784	696.452	839.117	0.415	570.599	1435.849	0.999	14.709
9/29/2017 6:00	2448000	19.645	16.098	44.777	696.22	838.842	0.415	570.413	1436.328	0.999	14.715
9/29/2017 6:15	2448900	19.649	16.099	44.786	696.518	839.194	0.415	570.652	1435.714	0.999	14.718
9/29/2017 6:30	2449800	19.643	16.099	44.773	696.49	839.147	0.415	570.62	1435.772	0.999	14.718
9/29/2017 6:45	2450700	19.648	16.1	44.784	696.489	839.141	0.415	570.616	1435.773	0.999	14.714
9/29/2017 7:00	2451600	19.649	16.099	44.787	696.572	839.251	0.415	570.69	1435.603	0.999	14.717
9/29/2017 7:15	2452500	19.648	16.1	44.783	696.642	839.326	0.415	570.742	1435.458	0.999	14.715
9/29/2017 7:30	2453400	19.647	16.099	44.781	696.673	839.376	0.415	570.776	1435.393	0.999	14.709
9/29/2017 7:45	2454300	19.645	16.099	44.776	696.565	839.24	0.415	570.683	1435.615	0.999	14.727
9/29/2017 8:00	2455200	19.651	16.1	44.79	696.588	839.259	0.415	570.696	1435.569	0.999	14.727
9/29/2017 8:15	2456100	19.639	16.1	44.763	696.528	839.187	0.415	570.647	1435.693	0.999	14.731
9/29/2017 8:30	2457000	19.651	16.1	44.792	696.563	839.229	0.415	570.676	1435.62	0.999	14.73
9/29/2017 8:45	2457900	19.645	16.1	44.776	696.704	839.39	0.415	570.785	1435.33	0.999	14.725
9/29/2017 9:00	2458800	19.643	16.1	44.773	696.595	839.255	0.415	570.693	1435.554	0.999	14.729
9/29/2017 9:15	2459700	19.646	16.1	44.778	696.606	839.266	0.415	570.701	1435.533	0.999	14.73
9/29/2017 9:30	2460600	19.647	16.1	44.78	696.508	839.155	0.415	570.626	1435.733	0.999	14.731
9/29/2017 9:45	2461500	19.647	16.1	44.782	696.728	839.426	0.415	570.809	1435.28	0.999	14.729
9/29/2017 10:00	2462400	19.651	16.1	44.791	696.706	839.39	0.415	570.785	1435.326	0.999	14.724
9/29/2017 10:15	2463300	19.648	16.1	44.785	696.312	839.101	0.415	570.464	1436.137	0.999	14.725
9/29/2017 10:30	2464200	19.659	16.099	44.81	696.619	839.301	0.415	570.725	1435.504	0.999	14.72
9/29/2017 10:45	2465100	19.643	16.099	44.772	696.675	839.382	0.415	570.78	1435.389	0.999	14.732
9/29/2017 11:00	2466000	19.635	16.1	44.754	696.475	839.126	0.415	570.606	1435.801	0.999	14.737
9/29/2017 11:15	2466900	19.647	16.099	44.782	696.631	839.32	0.415	570.737	1435.481	0.999	14.731
9/29/2017 11:30	2467800	19.646	16.099	44.78	696.347	838.985	0.415	570.51	1436.066	0.999	14.733
9/29/2017 11:45	2468700	19.642	16.098	44.77	696.525	839.12	0.415	570.664	1435.698	0.999	14.733
9/29/2017 12:00	2469600	19.642	16.099	44.77	696.46	839.121	0.415	570.602	1435.833	0.999	14.734
9/29/2017 12:15	2470500	19.64	16.099	44.766	696.549	839.23	0.415	570.677	1435.649	0.999	14.737
9/29/2017 12:30	2471400	19.649	16.099	44.786	696.344	838.986	0.415	570.511	1436.072	0.999	14.723
9/29/2017 12:45	2472300	19.639	16.099	44.764	696.429	839.079	0.415	570.574	1435.896	0.999	14.725
9/29/2017 13:00	2473200	19.644	16.098	44.776	696.177	838.788	0.415	570.376	1436.417	0.999	14.723
9/29/2017 13:15	2474100	19.653	16.098	44.794	696.375	839.04	0.415	570.541	1436.008	0.999	14.721
9/29/2017 13:30	2475000	19.643	16.098	44.773	696.332	838.975	0.415	570.503	1436.098	0.999	14.729
9/29/2017 13:45	2475900	19.651	16.099	44.791	696.284	838.909	0.415	570.458	1436.196	0.999	14.724
9/29/2017 14:00	2476800	19.647	16.099	44.782	696.358	838.992	0.415	570.515	1436.042	0.999	14.733
9/29/2017 14:15	2477700	19.641	16.098	44.767	696.342	838.986	0.415	570.511	1436.		

9/30/2017 22:15	2592900	19.654	16.099	44.797	696.336	838.97	0.415	570.5	1436.088	0.999	14.702
9/30/2017 22:30	2593800	19.652	16.099	44.793	696.539	839.213	0.415	570.665	1435.67	0.999	14.703
9/30/2017 22:45	2594700	19.658	16.099	44.806	696.396	839.05	0.415	570.554	1435.964	0.999	14.703
9/30/2017 23:00	2595600	19.65	16.098	44.789	696.329	838.972	0.415	570.501	1436.103	0.999	14.703
9/30/2017 23:15	2596500	19.645	16.099	44.777	696.508	839.169	0.415	570.635	1435.733	0.999	14.702
9/30/2017 23:30	2597400	19.651	16.099	44.779	696.288	838.913	0.415	570.461	1436.187	0.999	14.699
9/30/2017 23:45	2598300	19.654	16.099	44.793	696.593	839.245	0.415	570.713	1435.558	0.999	14.702
10/1/2017 0:00	2599200	19.65	16.098	44.788	696.44	839.114	0.415	570.597	1435.874	0.999	14.7
10/1/2017 0:15	2600100	19.655	16.098	44.799	696.429	839.091	0.415	570.582	1435.897	0.999	14.701
10/1/2017 0:30	2601000	19.648	16.099	44.783	696.533	839.21	0.415	570.663	1435.683	0.999	14.703
10/1/2017 0:45	2601900	19.652	16.098	44.793	696.367	839.021	0.415	570.535	1436.024	0.999	14.696
10/1/2017 1:00	2602800	19.652	16.099	44.794	696.551	839.229	0.415	570.676	1435.646	0.999	14.7
10/1/2017 1:15	2603700	19.652	16.099	44.794	696.531	839.295	0.415	570.652	1435.687	0.999	14.698
10/1/2017 1:30	2604600	19.654	16.099	44.797	696.462	839.128	0.415	570.607	1435.828	0.999	14.693
10/1/2017 1:45	2605500	19.655	16.099	44.801	696.475	839.141	0.415	570.616	1435.802	0.999	14.689
10/1/2017 2:00	2606400	19.661	16.099	44.814	696.558	839.242	0.415	570.685	1435.632	0.999	14.689
10/1/2017 2:15	2607300	19.658	16.099	44.807	696.432	839.085	0.415	570.578	1435.891	0.999	14.692
10/1/2017 2:30	2608200	19.664	16.099	44.821	696.627	839.326	0.415	570.741	1435.489	0.999	14.684
10/1/2017 2:45	2609100	19.663	16.099	44.818	696.601	839.295	0.415	570.72	1435.542	0.999	14.681
10/1/2017 3:00	2610000	19.664	16.098	44.821	696.528	839.21	0.415	570.663	1435.692	0.999	14.685
10/1/2017 3:15	2610900	19.659	16.099	44.81	696.526	839.205	0.415	570.66	1435.698	0.999	14.69
10/1/2017 3:30	2611800	19.659	16.098	44.809	696.687	839.405	0.415	570.796	1435.364	0.999	14.691
10/1/2017 3:45	2612700	19.658	16.099	44.807	696.584	839.271	0.415	570.704	1435.576	0.999	14.688
10/1/2017 4:00	2613600	19.653	16.099	44.795	696.417	839.064	0.415	570.564	1435.921	0.999	14.685
10/1/2017 4:15	2614500	19.656	16.099	44.802	696.677	839.275	0.415	570.775	1435.386	0.999	14.684
10/1/2017 4:30	2615400	19.656	16.098	44.802	696.56	839.25	0.415	570.69	1435.626	0.999	14.682
10/1/2017 4:45	2616300	19.655	16.099	44.8	696.39	839.033	0.415	570.543	1435.978	0.999	14.684
10/1/2017 5:00	2617200	19.666	16.099	44.825	696.743	839.462	0.415	570.834	1435.25	0.999	14.687
10/1/2017 5:15	2618100	19.658	16.098	44.806	696.779	839.514	0.415	570.869	1435.176	0.999	14.695
10/1/2017 5:30	2619000	19.648	16.098	44.784	696.754	839.482	0.415	570.848	1435.226	0.999	14.699
10/1/2017 5:45	2619900	19.665	16.099	44.823	696.704	839.424	0.415	570.808	1435.33	0.999	14.687
10/1/2017 6:00	2620800	19.658	16.099	44.806	696.703	839.417	0.415	570.804	1435.332	0.999	14.695
10/1/2017 6:15	2621700	19.654	16.098	44.798	696.849	839.6	0.415	570.928	1435.03	0.999	14.693
10/1/2017 6:30	2622600	19.667	16.099	44.827	696.925	839.677	0.415	570.98	1434.874	0.999	14.69
10/1/2017 6:45	2623500	19.656	16.099	44.803	696.83	839.557	0.415	570.899	1435.07	0.999	14.696
10/1/2017 7:00	2624400	19.648	16.099	44.784	696.861	839.596	0.415	570.925	1435.007	0.999	14.705
10/1/2017 7:15	2625300	19.645	16.1	44.777	696.857	839.574	0.415	570.91	1435.016	0.999	14.706
10/1/2017 7:30	2626200	19.657	16.1	44.805	696.837	839.555	0.415	570.898	1435.056	0.999	14.7
10/1/2017 7:45	2627100	19.656	16.1	44.803	696.873	839.59	0.415	570.921	1434.982	0.999	14.703
10/1/2017 8:00	2628000	19.652	16.101	44.793	696.897	839.614	0.415	570.937	1434.933	0.999	14.703
10/1/2017 8:15	2628900	19.649	16.1	44.786	696.966	839.699	0.415	570.995	1434.79	0.999	14.706
10/1/2017 8:30	2629800	19.646	16.101	44.779	696.87	839.581	0.415	570.915	1434.988	0.999	14.713
10/1/2017 8:45	2630700	19.643	16.1	44.772	696.829	839.542	0.415	570.889	1435.071	0.999	14.711
10/1/2017 9:00	2631600	19.654	16.1	44.797	696.888	839.615	0.415	570.938	1434.951	0.999	14.703
10/1/2017 9:15	2632500	19.65	16.1	44.788	696.964	839.712	0.415	571.004	1434.794	0.999	14.705
10/1/2017 9:30	2633400	19.652	16.099	44.793	696.924	839.668	0.415	570.974	1434.878	0.999	14.705
10/1/2017 9:45	2634300	19.644	16.1	44.774	696.934	839.676	0.415	570.98	1434.856	0.999	14.707
10/1/2017 10:00	2635200	19.655	16.1	44.8	696.813	839.528	0.415	570.879	1435.104	0.999	14.707
10/1/2017 10:15	2636100	19.655	16.1	44.8	696.915	839.649	0.415	570.962	1434.895	0.999	14.7
10/1/2017 10:30	2637000	19.644	16.1	44.775	696.755	839.464	0.415	570.835	1435.224	0.999	14.703
10/1/2017 10:45	2637900	19.652	16.1	44.794	696.937	839.675	0.415	570.979	1434.85	0.999	14.702
10/1/2017 11:00	2638800	19.654	16.1	44.797	696.778	839.488	0.415	570.852	1435.177	0.999	14.695
10/1/2017 11:15	2639700	19.651	16.099	44.791	696.779	839.5	0.415	570.86	1435.176	0.999	14.691
10/1/2017 11:30	2640600	19.647	16.099	44.782	696.774	839.5	0.415	570.86	1435.185	0.999	14.695
10/1/2017 11:45	2641500	19.656	16.099	44.802	696.663	839.363	0.415	570.767	1435.414	0.999	14.693
10/1/2017 12:00	2642400	19.645	16.099	44.778	696.74	839.455	0.415	570.83	1435.256	0.999	14.695
10/1/2017 12:15	2643300	19.645	16.099	44.777	696.66	839.364	0.415	570.768	1435.42	0.999	14.695
10/1/2017 12:30	2644200	19.647	16.099	44.782	696.852	839.594	0.415	570.924	1435.025	0.999	14.694
10/1/2017 12:45	2645100	19.649	16.099	44.787	696.485	839.152	0.415	570.624	1435.782	0.999	14.692
10/1/2017 13:00	2646000	19.647	16.098	44.783	696.659	839.371	0.415	570.772	1435.423	0.999	14.69
10/1/2017 13:15	2646900	19.644	16.099	44.775	696.569	839.248	0.415	570.689	1435.607	0.999	14.69
10/1/2017 13:30	2647800	19.651	16.099	44.791	696.622	839.318	0.415	570.726	1435.499	0.999	14.681
10/1/2017 13:45	2648700	19.656	16.099	44.802	696.708	839.423	0.415	570.808	1435.322	0.999	14.681
10/1/2017 14:00	2649600	19.649	16.099	44.787	696.644	839.341	0.415	570.752	1435.453	0.999	14.679
10/1/2017 14:15	2650500	19.662	16.099	44.816	696.574	839.262	0.415	570.698	1435.598	0.999	14.673
10/1/2017 14:30	2651400	19.662	16.099	44.816	696.675	839.383	0.415	570.781	1435.39	0.999	14.673
10/1/2017 14:45	2652300	19.664	16.098	44.82	696.558	839.248	0.415	570.689	1435.63	0.999	14.67
10/1/2017 15:00	2653200	19.654	16.099	44.798	696.413	839.065	0.415	570.565	1435.929	0.999	14.666
10/1/2017 15:15	2654100	19.666	16.099	44.824	696.644	839.344	0.415	570.754	1435.454	0.999	14.655
10/1/2017 15:30	2655000	19.656	16.098	44.802	696.579	839.276	0.415	570.708	1435.587	0.999	14.659
10/1/2017 15:45	2655900	19.663	16.098	44.817	696.579	839.273	0.415	570.706	1435.587	0.999	14.658
10/1/2017 16:00	2656800	19.663	16.099	44.818	696.519	839.197	0.415	570.654	1435.712	0.999	14.65
10/1/2017 16:15	2657700	19.66	16.098	44.811	696.599	839.297	0.415	570.722	1435.546	0.999	14.652
10/1/2017 16:30	2658600	19.66	16.099	44.81	696.46	839.161	0.415	570.599	1435.833	0.999	14.651
10/1/2017 16:45	2659500	19.66	16.099	44.812	696.51	839.179	0.415	570.642	1435.73	0.999	14.656
10/1/2017 17:00	2660400	19.665	16.099	44.822	696.502	839.161	0.415	570.63	1435.747	0.999	14.649
10/1/2017 17:15	2661300	19.666	16.099	44.824	696.559	839.232	0.415	570.677	1435.629	0.999	14.646
10/1/2017 17:30	2662200	19.663	16.099	44.818	696.588	839.266	0.415	570.701	1435.568	0.999	14.648
10/1/2017 17:45	2663100	19.669	16.099	44.832	696.531	839.201	0.415	570.657	1435.687	0.999	14.642
10/1/2017 18:00	2664000	19.672	16.099	44.838	696.364	839.023	0.415	570.523	1436.032	0.999	14.644
10/1/2017 18:15	2664900	19.664	16.098	44.82	696.46	839.128	0.415	570.607	1435.833	0.999	14.647
10/1/2017 18:30	2665800	19.665	16.099	44.822	696.388	839.04	0.415	570.547	1435.98	0.999	14.645
10/1/2017 18:45	2666700	19.67	16.099	44.835	696.522	839.192	0.415	570.651	1435.706	0.999	14.644
10/1/2017 19:00	2667600	19.655	16.099	44.799	696.435	839.094	0.415	570.584	1435.885	0.999	

10/3/2017 3:00	2782800	19.674	16.099	44.843	696.515	839.186	0.415	570.647	1435.718	0.999	14.624
10/3/2017 3:15	2783700	19.671	16.099	44.837	696.243	838.853	0.415	570.42	1436.28	0.999	14.617
10/3/2017 3:30	2784600	19.664	16.099	44.82	696.189	838.794	0.415	570.38	1436.392	0.999	14.626
10/3/2017 3:45	2785500	19.668	16.099	44.828	696.532	839.204	0.415	570.659	1435.685	0.999	14.619
10/3/2017 4:00	2786400	19.672	16.099	44.838	696.436	839.091	0.415	570.582	1435.882	0.999	14.623
10/3/2017 4:15	2787300	19.673	16.099	44.842	696.641	839.136	0.415	570.749	1435.459	0.999	14.621
10/3/2017 4:30	2788200	19.672	16.099	44.838	696.49	839.15	0.415	570.622	1435.772	0.999	14.623
10/3/2017 4:45	2789100	19.667	16.099	44.828	696.479	839.144	0.415	570.618	1435.793	0.999	14.623
10/3/2017 5:00	2790000	19.671	16.099	44.836	696.582	839.262	0.415	570.698	1435.58	0.999	14.615
10/3/2017 5:15	2790900	19.669	16.099	44.832	696.524	839.198	0.415	570.655	1435.701	0.999	14.625
10/3/2017 5:30	2791800	19.671	16.099	44.836	696.478	839.141	0.415	570.616	1435.796	0.999	14.623
10/3/2017 5:45	2792700	19.676	16.099	44.848	696.415	839.067	0.415	570.565	1435.926	0.999	14.619
10/3/2017 6:00	2793600	19.671	16.099	44.837	696.438	839.095	0.415	570.585	1435.878	0.999	14.62
10/3/2017 6:15	2794500	19.674	16.099	44.843	696.482	839.151	0.415	570.623	1435.787	0.999	14.622
10/3/2017 6:30	2795400	19.669	16.098	44.831	696.458	839.125	0.415	570.605	1435.837	0.999	14.627
10/3/2017 6:45	2796300	19.669	16.099	44.832	696.613	839.309	0.415	570.73	1435.518	0.999	14.617
10/3/2017 7:00	2797200	19.669	16.099	44.832	696.467	839.133	0.415	570.611	1435.818	0.999	14.625
10/3/2017 7:15	2798100	19.674	16.098	44.842	696.595	839.292	0.415	570.718	1435.555	0.999	14.627
10/3/2017 7:30	2799000	19.664	16.099	44.821	696.47	839.136	0.415	570.613	1435.813	0.999	14.628
10/3/2017 7:45	2799900	19.659	16.099	44.81	696.585	839.276	0.415	570.708	1435.576	0.999	14.631
10/3/2017 8:00	2800800	19.658	16.099	44.807	696.57	839.244	0.415	570.686	1435.605	0.999	14.636
10/3/2017 8:15	2801700	19.663	16.099	44.819	696.61	839.3	0.415	570.724	1435.524	0.999	14.638
10/3/2017 8:30	2802600	19.657	16.099	44.804	696.555	839.224	0.415	570.672	1435.636	0.999	14.64
10/3/2017 8:45	2803500	19.664	16.1	44.82	696.583	839.256	0.415	570.694	1435.579	0.999	14.637
10/3/2017 9:00	2804400	19.667	16.1	44.827	696.485	839.131	0.415	570.609	1435.781	0.999	14.641
10/3/2017 9:15	2805300	19.656	16.1	44.803	696.471	839.118	0.415	570.6	1435.81	0.999	14.649
10/3/2017 9:30	2806200	19.652	16.099	44.793	696.62	839.302	0.415	570.726	1435.503	0.999	14.652
10/3/2017 9:45	2807100	19.668	16.1	44.828	696.549	839.215	0.415	570.666	1435.649	0.999	14.654
10/3/2017 10:00	2808000	19.658	16.1	44.807	696.516	839.174	0.415	570.638	1435.717	0.999	14.653
10/3/2017 10:15	2808900	19.665	16.1	44.823	696.523	839.184	0.415	570.645	1435.702	0.999	14.654
10/3/2017 10:30	2809800	19.654	16.099	44.797	696.568	839.246	0.415	570.687	1435.61	0.999	14.659
10/3/2017 10:45	2810700	19.652	16.099	44.792	696.62	839.311	0.415	570.731	1435.502	0.999	14.664
10/3/2017 11:00	2811600	19.656	16.099	44.801	696.593	839.281	0.415	570.711	1435.559	0.999	14.661
10/3/2017 11:15	2812500	19.664	16.099	44.819	696.469	839.13	0.415	570.609	1435.814	0.999	14.654
10/3/2017 11:30	2813400	19.664	16.099	44.821	696.563	839.242	0.415	570.685	1435.62	0.999	14.658
10/3/2017 11:45	2814300	19.653	16.099	44.795	696.48	839.139	0.415	570.614	1435.791	0.999	14.663
10/3/2017 12:00	2815200	19.672	16.099	44.839	696.607	839.287	0.415	570.715	1435.529	0.999	14.656
10/3/2017 12:15	2816100	19.665	16.1	44.823	696.543	839.204	0.415	570.659	1435.662	0.999	14.659
10/3/2017 12:30	2817000	19.657	16.099	44.805	696.567	839.252	0.415	570.691	1435.612	0.999	14.663
10/3/2017 12:45	2817900	19.667	16.1	44.827	696.529	839.189	0.415	570.648	1435.691	0.999	14.662
10/3/2017 13:00	2818800	19.659	16.099	44.809	696.571	839.251	0.415	570.691	1435.605	0.999	14.667
10/3/2017 13:15	2819700	19.664	16.099	44.82	696.358	839.002	0.415	570.522	1436.042	0.999	14.664
10/3/2017 13:30	2820600	19.654	16.099	44.797	696.599	839.179	0.415	570.641	1435.732	0.999	14.67
10/3/2017 13:45	2821500	19.653	16.1	44.795	696.58	839.246	0.415	570.687	1435.585	0.999	14.677
10/3/2017 14:00	2822400	19.653	16.099	44.796	696.553	839.234	0.415	570.68	1435.642	0.999	14.674
10/3/2017 14:15	2823300	19.66	16.099	44.811	696.438	839.087	0.415	570.579	1435.879	0.999	14.67
10/3/2017 14:30	2824200	19.658	16.099	44.806	696.528	839.208	0.415	570.661	1435.693	0.999	14.678
10/3/2017 14:45	2825100	19.656	16.1	44.802	696.544	839.206	0.415	570.66	1435.659	0.999	14.677
10/3/2017 15:00	2826000	19.659	16.099	44.809	696.58	839.264	0.415	570.699	1435.586	0.999	14.678
10/3/2017 15:15	2826900	19.662	16.099	44.815	696.417	839.068	0.415	570.566	1435.921	0.999	14.678
10/3/2017 15:30	2827800	19.652	16.099	44.794	696.496	839.153	0.415	570.624	1435.759	0.999	14.69
10/3/2017 15:45	2828700	19.662	16.099	44.816	696.56	839.238	0.415	570.682	1435.626	0.999	14.675
10/3/2017 16:00	2829600	19.658	16.099	44.806	696.508	839.172	0.415	570.637	1435.733	0.999	14.685
10/3/2017 16:15	2830500	19.658	16.099	44.806	696.545	839.212	0.415	570.664	1435.657	0.999	14.679
10/3/2017 16:30	2831400	19.658	16.099	44.806	696.162	838.759	0.415	570.356	1436.447	0.999	14.683
10/3/2017 16:45	2832300	19.661	16.099	44.812	696.63	839.328	0.415	570.743	1435.482	0.999	14.685
10/3/2017 17:00	2833200	19.658	16.099	44.806	696.474	839.137	0.415	570.613	1435.803	0.999	14.692
10/3/2017 17:15	2834100	19.656	16.099	44.802	696.497	839.164	0.415	570.632	1435.757	0.999	14.69
10/3/2017 17:30	2835000	19.655	16.099	44.8	696.253	838.867	0.415	570.429	1436.26	0.999	14.685
10/3/2017 17:45	2835900	19.667	16.099	44.827	696.659	839.358	0.415	570.763	1435.422	0.999	14.686
10/3/2017 18:00	2836800	19.653	16.098	44.796	696.376	839.032	0.415	570.542	1436.006	0.999	14.696
10/3/2017 18:15	2837700	19.655	16.099	44.799	696.482	839.153	0.415	570.624	1435.786	0.999	14.699
10/3/2017 18:30	2838600	19.657	16.099	44.804	696.446	839.109	0.415	570.594	1435.862	0.999	14.698
10/3/2017 18:45	2839500	19.658	16.099	44.806	696.423	839.082	0.415	570.576	1435.908	0.999	14.701
10/3/2017 19:00	2840400	19.654	16.099	44.797	696.331	838.967	0.415	570.498	1436.099	0.999	14.699
10/3/2017 19:15	2841300	19.658	16.098	44.806	696.468	839.139	0.415	570.615	1435.816	0.999	14.703
10/3/2017 19:30	2842200	19.649	16.099	44.785	696.406	839.056	0.415	570.558	1435.944	0.999	14.706
10/3/2017 19:45	2843100	19.654	16.099	44.797	696.373	839.077	0.415	570.532	1436.012	0.999	14.708
10/3/2017 20:00	2844000	19.651	16.098	44.791	696.431	839.099	0.415	570.587	1435.892	0.999	14.714
10/3/2017 20:15	2844900	19.659	16.098	44.81	696.439	839.104	0.415	570.591	1435.876	0.999	14.707
10/3/2017 20:30	2845800	19.657	16.098	44.805	696.462	839.134	0.415	570.611	1435.829	0.999	14.717
10/3/2017 20:45	2846700	19.656	16.098	44.801	696.492	839.178	0.415	570.641	1435.767	0.999	14.714
10/3/2017 21:00	2847600	19.66	16.098	44.811	696.425	839.091	0.415	570.582	1435.905	0.999	14.718
10/3/2017 21:15	2848500	19.651	16.098	44.791	696.444	839.112	0.415	570.596	1435.865	0.999	14.719
10/3/2017 21:30	2849400	19.655	16.098	44.801	696.506	839.19	0.415	570.649	1435.739	0.999	14.719
10/3/2017 21:45	2850300	19.658	16.098	44.808	696.517	839.2	0.415	570.656	1435.715	0.999	14.721
10/3/2017 22:00	2851200	19.662	16.098	44.816	696.358	839.007	0.415	570.525	1436.042	0.999	14.722
10/3/2017 22:15	2852100	19.649	16.099	44.787	696.577	839.266	0.415	570.701	1435.591	0.999	14.724
10/3/2017 22:30	2853000	19.647	16.099	44.782	696.491	839.158	0.415	570.628	1435.769	0.999	14.731
10/3/2017 22:45	2853900	19.663	16.099	44.819	696.519	839.278	0.415	570.641	1435.748	0.999	14.722
10/3/2017 23:00	2854800	19.657	16.099	44.804	696.545	839.222	0.415	570.671	1435.657	0.999	14.727
10/3/2017 23:15	2855700	19.662	16.099	44.815	696.451	839.11	0.415	570.595	1435.852	0.999	14.728
10/3/2017 23:30	2856600	19.654	16.1	44.798	696.485	839.136	0.415	570.612	1435.782	0.999	14.732
10/3/2017 23:45	2857500	19.651	16.099	44.79	696.393	839.031</					

Report Date:	10/9/2017 9:52		
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_2017-10-05_14-00-27-975-BaroMerge.wsl		
Create Date	10/9/2017 9:46		
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	Depth		
Specific Gravity	0.999		
Other Log Settings			
Depth of Probe:	36.7545 (ft)		
Head Pressure:	15.9182 (PSI)		
Temperature:	18.5646 (C)		
Specific Conductivity Model:	Standard Methods		
Reference Temperature:	25		
Temperature Coefficient:	0.0191		
TDS Factor:	0.68		
Log Notes:			
Date and Time	Note		
1/14/2016 18:00 Used Battery: 0% Used Memory: 3% User Name: KMakar			
1/15/2016 9:46 Log Download - Used Battery: 0% Used Memory: 3% User Name: KMakar			
1/21/2016 8:40 Log Download - Used Battery: 0% Used Memory: 3% User Name: KMakar			
1/28/2016 8:53 Log Download - Used Battery: 1% Used Memory: 3% User Name: KMakar Interval - Start Time: 1/18/2016 11:45:00 AM Stop Time: 1/28/2016 1:05:00 PM			
2/4/2016 9:56 Log Download - Used Battery: 1% Used Memory: 4% User Name: CShaw Interval - Start Time: 1/15/2016 7:00:00 AM Stop Time: 2/4/2016 10:45:00 AM			
2/11/2016 9:46 Log Download - Used Battery: 1% Used Memory: 6% User Name: CShaw Interval - Start Time: 2/2/2016 2:30:00 PM Stop Time: 2/11/2016 10:45:00 AM			
2/18/2016 11:36 Log Download - Used Battery: 2% Used Memory: 6% User Name: CShaw Interval - Start Time: 2/4/2016 3:00:00 AM Stop Time: 2/18/2016 12:00:00 PM			
2/25/2016 11:25 Log Download - Used Battery: 2% Used Memory: 7% User Name: KMakar Interval - Start Time: 2/15/2016 5:30:00 PM Stop Time: 2/25/2016 11:30:00 AM			
3/3/2016 12:32 Log Download - Used Battery: 2% Used Memory: 7% User Name: SKuiper Interval - Start Time: 1/31/2016 12:00:01 AM Stop Time: 3/3/2016 1:30:00 PM			
3/10/2016 14:24 Log Download - Used Battery: 3% Used Memory: 9% User Name: KMakar Interval - Start Time: 3/1/2016 12:00:00 PM Stop Time: 3/10/2016 2:15:00 PM			
3/17/2016 11:02 Log Download - Used Battery: 3% Used Memory: 9% User Name: SKuiper Interval - Start Time: 3/8/2016 12:00:01 AM Stop Time: 3/17/2016 11:44:45 AM			
3/24/2016 8:37 Log Download - Used Battery: 4% Used Memory: 10% User Name: KMakar Interval - Start Time: 3/15/2016 12:00:00 PM Stop Time: 3/24/2016 8:45:00 AM			
3/31/2016 14:46 Log Download - Used Battery: 4% Used Memory: 10% User Name: SKuiper Interval - Start Time: 3/22/2016 12:00:00 PM Stop Time: 3/31/2016 2:45:00 PM			
4/7/2016 9:08 Log Download - Used Battery: 4% Used Memory: 12% User Name: KMakar Interval - Start Time: 2/29/2016 5:00:00 PM Stop Time: 4/7/2016 9:15:00 AM			
4/14/2016 15:45 Log Download - Used Battery: 5% Used Memory: 12% User Name: SKuiper Interval - Start Time: 4/5/2016 12:00:00 PM Stop Time: 4/14/2016 3:45:00 PM			
4/21/2016 13:49 Log Download - Used Battery: 5% Used Memory: 14% User Name: ELinden Interval - Start Time: 4/12/2016 1:30:00 PM Stop Time: 4/21/2016 2:45:00 PM			
4/28/2016 9:22 Log Download - Used Battery: 5% Used Memory: 14% User Name: KMakar Interval - Start Time: 4/19/2016 5:00:00 PM Stop Time: 4/28/2016 9:30:00 AM			
5/5/2016 9:13 Log Download - Used Battery: 6% Used Memory: 15% User Name: SKuiper Interval - Start Time: 3/31/2016 12:00:00 PM Stop Time: 5/5/2016 10:00:00 AM			
5/12/2016 9:50 Log Download - Used Battery: 6% Used Memory: 15% User Name: SKuiper Interval - Start Time: 5/3/2016 12:00:00 PM Stop Time: 5/12/2016 9:45:00 AM			
5/19/2016 13:23 Log Download - Used Battery: 6% Used Memory: 17% User Name: ELinden Interval - Start Time: 5/10/2016 12:00:00 PM Stop Time: 5/19/2016 3:15:00 PM			
5/26/2016 8:49 Log Download - Used Battery: 7% Used Memory: 17% User Name: SKuiper Interval - Start Time: 5/17/2016 6:00:00 AM Stop Time: 5/26/2016 9:45:00 AM			
6/2/2016 11:13 Log Download - Used Battery: 7% Used Memory: 18% User Name: SKuiper Interval - Start Time: 6/2/2016 12:00:00 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: 11/2/2016 10:00:00 PM Stop Time: 11/11/2016 5:30:00 PM			
11/17/2016 15:19 Log Download - Used Battery: 16% Used Memory: 37% User Name: SKuiper Interval - Start Time: 11/9/2016 10:00:00 PM Stop Time: 11/17/2016 4:15:00 PM			
11/24/2016 12:07 Log Download - Used Battery: 16% Used Memory: 39% User Name: SKuiper Interval - Start Time: 11/15/2016 10:00:00 PM Stop Time: 11/24/2016 12:00:00 PM			
12/2/2016 7:32 Log Download - Used Battery: 17% Used Memory: 40% User Name: SKuiper Interval - Start Time: 10/31/2016 10:00:00 PM Stop Time: 12/2/2016 5:15:00 PM			
12/9/2016 9:11 Log Download - Used Battery: 17% Used Memory: 40% User Name: SKuiper Interval - Start Time: 11/30/2016 10:00:00 PM Stop Time: 12/9/2016 6:30:00 PM			
12/15/2016 15:02 Log Download - Used Battery: 17% Used Memory: 42% User Name: SKuiper Interval - Start Time: 12/7/2016 10:00:00 PM Stop Time: 12/15/2016 3:00:00 PM			
12/22/2016 11:52 Log Download - Used Battery: 18% Used Memory: 42% User Name: ANorris Interval - Start Time: 12/14/2016 10:00:00 PM Stop Time: 12/22/2016 12:30:00 PM			
1/5/2017 9:47 Log Download - Used Battery: 18% Used Memory: 43% User Name: SKuiper Interval - Start Time: 1/5/2017 9:45:00 AM			
1/12/2017 15:49 Log Download - Used Battery: 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			
10/9/2017 9:46 User Note: "Pressure & Level adjusted by baro data from: "MPWSP Barotroll_2017-10-05_19-08-59-078.wsl"			
Log Data:			
Record Count	3327		
Sensors			
2			
1			
437458 PCTD 300 PSIA (200.7m/658.7ft)			
2			
0 Baro-Adjustment Calc			
Time Zone: Pacific Daylight Time			
Sensor: PCTD(A) 658.7ft			
SNR: 437458			
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)			
1403.256			
523.6			
1400.968			
1402.278			
1403.604			
1404.469			
1402.817			
1402.854			
1402.817			
1394.792			
1398.097			
1395.765			
1395.139			
1396.466			
1396.503			
1395.765			
1397.159			
1398.182			
1398.197			
1394.177			
1395.609			
1395.553			
1399.553			
1398.197			
1396.604			
1393.227			
1398.958			
1391.389			
1398.147			
1399.285			
1398.015			
1399.019			
1400.123			
1400.544			
1396.523			
1400.836			
1399.523			
1397.05			
1396.189			
1393.227			
1395.921			
1395.45			
1397.188			
1395.45			
1394.388			
1396.554			
1396.332			
1395.32			
1393.389			
1392.401			
1396.633			
1393.882			
1395.438			
1395.32			
1393.882			
1395.438			
1396.633			
1393.882			
1395.438			
1396.633			
1393.882			
1395.438			
1396.633			
1393.882			
1395.438			
1396.633			
1393.882			
1395.438			
1396.633			
1393.882			
1395.438			
1396.633			
1393.882			
1395.438			
1396.633			
1393.882			
1395.438			
1396.633			
1393.882			
1395.438			
1396.633			
1393.882			
1395.438			
1396.633			
1393.882			
1395.438			
1396.633			
1393.882			
1395.438			
1396.633			
1393.882			
1395.438			
1396.633			
1393.882			
1395.438			
1396.633			
1393.882			
1395.438			
1396.633			
1393.882			
1395.438			
1396.633			
1393.882			
1395.438			
1396.633			
1393.882			
1395.438			
1396.633			
1393.882			
1395.438			
1396.633			
1393.882			
1395.438			
1396.633			
1393.882			
1395.438			
1396.633			
1393.882			
1395.438			
1396.633			
1393.882			
1395.438			
1396.633			
1393.882			
1395.438			
1396.633			
1393.882			
1395.438			
1396.633			
1393.882			
1395.438			
1396.633			
1393.882			
1395.438			
1396.633			
1393.882			
1395.438			
1396.633			
1393.882			
1395.438			
1396.633			
1393.882			
1395.438			
1396.633			
1393.882			
1395.438			
1396.633			
1393.882			
1395.438			
1396.633			
1393.882			
1395.438			
1396.633			
1393.882			
1395.438			
1396.633			
1393.882			
1395.438			
1396.633			
1393.882			
1395.438			
1396.633			
1393.882			
1395.438			
1396.633			
1393.882			
1395.438			
1396.633			
1393.882			
1395.438			
1396.633			
1393.882			
1395.438			
1396.633			
1393.882			
1395.438			
1396.633			
1393.882			
1395.438			
1396.633			
1393.882			
1395.438			
1396.633			
1393.882			

9/28/2017 17:30	2403000	150.75	21.104	348.078	717.544	775.234	0.383	527.159	1393.643	0.998	14.693
9/28/2017 17:45	2403900	150.719	21.081	348.005	718.714	776.858	0.384	528.263	1391.374	0.998	14.702
9/28/2017 18:00	2404800	150.711	21.085	347.988	719.309	777.436	0.384	528.656	1390.223	0.998	14.696
9/28/2017 18:15	2405700	150.727	21.084	348.023	719.113	777.25	0.384	528.53	1390.603	0.998	14.693
9/28/2017 18:30	2406600	150.722	21.094	348.013	716.749	774.535	0.383	526.684	1395.188	0.998	14.694
9/28/2017 18:45	2407500	150.754	21.09	348.086	717.677	773.439	0.382	525.939	1397.279	0.998	14.699
9/28/2017 19:00	2408400	150.742	21.085	348.06	716.357	774.47	0.383	526.488	1395.551	0.998	14.696
9/28/2017 19:15	2409300	150.73	21.086	348.03	716.651	774.557	0.383	526.699	1395.38	0.998	14.697
9/28/2017 19:30	2410200	150.72	21.086	348.008	716.069	773.921	0.383	526.266	1396.513	0.998	14.699
9/28/2017 19:45	2411100	150.75	21.088	348.077	716.64	774.518	0.383	526.672	1395.401	0.998	14.698
9/28/2017 20:00	2412000	150.71	21.087	347.985	717.831	775.815	0.384	527.554	1393.086	0.998	14.7
9/28/2017 20:15	2412900	150.726	21.089	348.021	717.653	775.592	0.383	527.403	1393.43	0.998	14.695
9/28/2017 20:30	2413800	150.715	21.095	347.995	716.962	774.75	0.383	526.83	1394.775	0.998	14.702
9/28/2017 20:45	2414700	150.741	21.099	348.056	716.079	773.72	0.383	526.131	1396.495	0.998	14.701
9/28/2017 21:00	2415600	150.757	21.082	348.093	716.69	774.652	0.383	526.764	1395.304	0.998	14.707
9/28/2017 21:15	2416500	150.747	21.081	348.071	716.577	774.548	0.383	526.693	1395.523	0.998	14.705
9/28/2017 21:30	2417400	150.756	21.083	348.09	718.306	776.395	0.384	527.949	1392.165	0.998	14.705
9/28/2017 21:45	2418300	150.702	21.101	347.967	716.558	774.208	0.383	526.462	1395.561	0.998	14.707
9/28/2017 22:00	2419200	150.74	21.094	348.055	718.591	776.53	0.384	528.034	1391.612	0.998	14.704
9/28/2017 22:15	2420100	150.709	21.084	347.983	719.829	778.017	0.385	529.052	1389.22	0.998	14.701
9/28/2017 22:30	2421000	150.698	21.099	347.958	718.658	776.516	0.384	528.031	1391.483	0.998	14.706
9/28/2017 22:45	2421900	150.706	21.093	347.975	718.291	776.212	0.384	527.824	1392.193	0.998	14.708
9/28/2017 23:00	2422800	150.737	21.093	348.048	718.333	776.255	0.384	527.854	1392.112	0.998	14.709
9/28/2017 23:15	2423700	150.729	21.098	348.028	717.717	775.511	0.383	527.347	1393.307	0.998	14.71
9/28/2017 23:30	2424600	150.717	21.089	348.002	716.622	774.474	0.383	526.642	1395.435	0.998	14.71
9/28/2017 23:45	2425500	150.7	21.078	347.961	717.68	775.793	0.384	527.539	1393.379	0.998	14.714
9/29/2017 0:00	2426400	150.703	21.093	347.969	717.231	775.073	0.383	527.05	1394.25	0.998	14.713
9/29/2017 0:15	2427300	150.686	21.087	347.93	715.871	773.688	0.382	526.108	1396.9	0.998	14.715
9/29/2017 0:30	2428200	150.723	21.093	348.014	716.099	773.848	0.383	526.217	1396.454	0.998	14.705
9/29/2017 0:45	2429100	150.736	21.09	348.045	715.897	773.673	0.382	526.097	1396.849	0.998	14.708
9/29/2017 1:00	2430000	150.668	21.082	347.887	717.055	775.056	0.383	527.038	1394.592	0.998	14.712
9/29/2017 1:15	2430900	150.684	21.086	347.924	717.594	775.567	0.383	527.386	1393.545	0.998	14.71
9/29/2017 1:30	2431800	150.705	21.081	347.972	717.662	775.726	0.384	527.494	1393.413	0.998	14.714
9/29/2017 1:45	2432700	150.715	21.089	347.997	716.316	774.145	0.383	526.419	1396.032	0.998	14.712
9/29/2017 2:00	2433600	150.696	21.099	347.951	715.317	772.901	0.382	525.573	1397.982	0.998	14.714
9/29/2017 2:15	2434500	150.699	21.093	347.959	715.674	773.394	0.382	525.508	1397.284	0.998	14.711
9/29/2017 2:30	2435400	150.703	21.079	347.969	720.869	778.949	0.385	529.684	1397.722	0.998	14.709
9/29/2017 2:45	2436300	150.663	21.085	347.876	717.231	775.201	0.383	527.137	1394.251	0.998	14.713
9/29/2017 3:00	2437200	150.698	21.093	347.956	715.656	773.375	0.382	525.895	1397.318	0.998	14.709
9/29/2017 3:15	2438100	150.652	21.091	347.851	714.026	771.645	0.381	524.719	1400.51	0.998	14.712
9/29/2017 3:30	2439000	150.681	21.095	347.917	717.771	775.619	0.383	527.421	1393.202	0.998	14.716
9/29/2017 3:45	2439900	150.683	21.094	347.923	716.422	774.18	0.383	526.443	1395.825	0.998	14.713
9/29/2017 4:00	2440800	150.681	21.098	347.918	715.315	773.817	0.382	525.583	1397.986	0.998	14.712
9/29/2017 4:15	2441700	150.64	21.09	347.823	718.173	776.137	0.384	527.773	1392.421	0.998	14.716
9/29/2017 4:30	2442600	150.684	21.089	347.925	717.22	775.114	0.383	527.078	1394.272	0.998	14.717
9/29/2017 4:45	2443500	150.653	21.085	347.852	719.354	777.489	0.384	528.693	1390.136	0.998	14.712
9/29/2017 5:00	2444400	150.646	21.079	347.836	719.813	778.085	0.385	529.098	1389.25	0.998	14.711
9/29/2017 5:15	2445300	150.644	21.081	347.833	720.125	778.388	0.385	529.304	1388.648	0.998	14.715
9/29/2017 5:30	2446200	150.639	21.091	347.82	718.042	775.97	0.384	527.66	1392.676	0.998	14.713
9/29/2017 5:45	2447100	150.693	21.093	347.944	716.354	774.117	0.383	526.4	1395.957	0.998	14.709
9/29/2017 6:00	2448000	150.644	21.092	347.832	716.066	773.823	0.383	526.2	1396.52	0.998	14.715
9/29/2017 6:15	2448900	150.658	21.085	347.864	718.1	776.137	0.384	527.773	1392.563	0.998	14.718
9/29/2017 6:30	2449800	150.683	21.091	347.922	719.083	777.107	0.384	528.433	1390.659	0.998	14.718
9/29/2017 6:45	2450700	150.687	21.08	347.932	719.353	777.568	0.384	528.746	1390.138	0.998	14.714
9/29/2017 7:00	2451600	150.64	21.094	347.823	717.137	774.957	0.383	526.971	1394.434	0.998	14.717
9/29/2017 7:15	2452500	150.676	21.096	347.906	715.89	773.568	0.382	526.026	1396.882	0.998	14.715
9/29/2017 7:30	2453400	150.655	21.081	347.858	717.273	775.312	0.383	527.212	1394.17	0.998	14.709
9/29/2017 7:45	2454300	150.686	21.081	347.929	718.179	776.289	0.384	527.876	1392.411	0.998	14.727
9/29/2017 8:00	2455200	150.652	21.079	347.85	719.014	777.217	0.384	528.508	1390.793	0.998	14.727
9/29/2017 8:15	2456100	150.685	21.078	347.927	721.014	779.4	0.385	529.992	1386.936	0.998	14.731
9/29/2017 8:30	2457000	150.67	21.073	347.893	721.699	780.217	0.386	530.547	1385.618	0.998	14.73
9/29/2017 8:45	2457900	150.65	21.086	347.846	720.875	779.25	0.385	529.805	1387.204	0.998	14.726
9/29/2017 9:00	2458800	150.672	21.09	347.897	719.719	777.809	0.385	528.91	1389.432	0.998	14.729
9/29/2017 9:15	2459700	150.648	21.085	347.842	721.049	779.328	0.385	529.943	1386.869	0.998	14.73
9/29/2017 9:30	2460600	150.699	21.09	347.959	719.549	777.621	0.385	528.782	1389.76	0.998	14.731
9/29/2017 9:45	2461500	150.668	21.085	347.888	719.308	777.45	0.384	528.666	1390.226	0.998	14.729
9/29/2017 10:00	2462400	150.694	21.089	347.948	720.371	778.532	0.385	529.402	1388.174	0.998	14.724
9/29/2017 10:15	2463300	150.688	21.083	347.933	720.553	778.949	0.385	529.553	1387.823	0.998	14.723
9/29/2017 10:30	2464200	150.664	21.084	347.879	718.917	777.035	0.384	528.384	1390.981	0.998	14.72
9/29/2017 10:45	2465100	150.703	21.092	347.969	718.039	775.952	0.384	527.648	1392.683	0.998	14.732
9/29/2017 11:00	2466000	150.686	21.091	347.93	717.764	775.677	0.384	527.46	1393.216	0.998	14.737
9/29/2017 11:15	2466900	150.67	21.087	347.892	716.298	774.163	0.383	526.431	1396.068	0.998	14.731
9/29/2017 11:30	2467800	150.697	21.077	347.954	717.08	775.158	0.383	527.108	1394.545	0.998	14.733
9/29/2017 11:45	2468700	150.656	21.089	347.86	720.79	778.36	0.385	529.931	1387.562	0.998	14.735
9/29/2017 12:00	2469600	150.67	21.088	347.893	719.159	777.232	0.384	528.518	1390.512	0.998	14.734
9/29/2017 12:15	2470500	150.672	21.099	347.897	715.134	772.704	0.382	525.439	1398.34	0.998	14.737
9/29/2017 12:30	2471400	150.66	21.098	347.87	714.318	771.848	0.382	524.857	1399.936	0.998	14.723
9/29/2017 12:45	2472300	150.603	21.095	347.738	716.929	774.713	0.383	526.805	1394.838	0.998	14.725
9/29/2017 13:00	2473200	150.642	21.092	347.827	715.328	773.035	0.382	525.664	1397.959	0.998	14.723
9/29/2017 13:15	2474100	150.62	21.095	347.777	715.741	773.215	0.382	525.935	1397.153	0.998	14.721
9/29/2017 13:30	2475000	150.556	21.098	347.629	714.869	772.432	0.382	525.254	1398.858	0.998	14.729
9/29/2017 13:45	2475900	150.584	21.085	347.693	716.1	773.97	0.383	526.299	1396.452	0.998	14.724
9/29/2017 14:00	2476800	150.53	21.079	347.57	717.859	775.973	0.384				

9/30/2017 22:15	2592900	150.531	21.09	347.571	718.737	776.741	0.384	538.184	1391.33	0.998	14.702
9/30/2017 22:30	2593800	150.506	21.085	347.513	717.161	775.119	0.383	527.081	1394.387	0.998	14.703
9/30/2017 22:45	2594700	150.491	21.091	347.479	714.63	772.297	0.382	525.162	1399.325	0.998	14.703
9/30/2017 23:00	2595600	150.527	21.092	347.562	713.339	770.872	0.381	524.193	1401.858	0.998	14.703
9/30/2017 23:15	2596500	150.506	21.088	347.514	715.268	773.023	0.382	525.656	1398.077	0.998	14.702
9/30/2017 23:30	2597400	150.512	21.08	347.527	717.718	775.809	0.384	527.55	1393.304	0.998	14.699
9/30/2017 23:45	2598300	150.494	21.085	347.486	716.078	776.246	0.383	526.894	1396.496	0.998	14.702
10/1/2017 0:00	2599200	150.538	21.077	347.588	719.621	777.903	0.385	528.974	1389.62	0.998	14.7
10/1/2017 0:15	2600100	150.519	21.08	347.544	719.45	777.67	0.385	528.816	1389.95	0.998	14.701
10/1/2017 0:30	2601000	150.484	21.084	347.462	718.525	776.612	0.384	528.096	1391.739	0.998	14.703
10/1/2017 0:45	2601900	150.495	21.08	347.488	719.313	777.522	0.384	528.715	1390.215	0.998	14.696
10/1/2017 1:00	2602800	150.477	21.079	347.448	717.33	775.396	0.383	527.269	1394.059	0.998	14.7
10/1/2017 1:15	2603700	150.513	21.09	347.529	717.72	775.649	0.383	527.441	1393.3	0.998	14.698
10/1/2017 1:30	2604600	150.477	21.087	347.447	716.431	774.294	0.383	526.52	1395.807	0.998	14.693
10/1/2017 1:45	2605500	150.507	21.079	347.516	715.726	773.661	0.382	526.09	1397.183	0.998	14.689
10/1/2017 2:00	2606400	150.474	21.091	347.441	715.515	773.249	0.382	525.809	1397.595	0.998	14.689
10/1/2017 2:15	2607300	150.506	21.075	347.515	717.242	775.367	0.383	527.25	1394.229	0.998	14.692
10/1/2017 2:30	2608200	150.464	21.076	347.417	716.661	774.728	0.383	526.815	1395.36	0.998	14.684
10/1/2017 2:45	2609100	150.505	21.083	347.512	720.232	778.468	0.385	529.359	1388.45	0.998	14.681
10/1/2017 3:00	2610000	150.494	21.079	347.487	719.039	777.253	0.384	528.532	1390.746	0.998	14.685
10/1/2017 3:15	2610900	150.451	21.071	347.386	719.48	777.853	0.385	528.94	1389.892	0.998	14.69
10/1/2017 3:30	2611800	150.444	21.076	347.371	721.017	779.432	0.385	530.014	1386.929	0.998	14.691
10/1/2017 3:45	2612700	150.478	21.083	347.448	719.713	777.912	0.385	528.98	1389.442	0.998	14.688
10/1/2017 4:00	2613600	150.443	21.101	347.367	715.947	773.556	0.382	526.018	1396.752	0.998	14.685
10/1/2017 4:15	2614500	150.478	21.098	347.449	715.642	773.277	0.382	525.829	1397.347	0.998	14.684
10/1/2017 4:30	2615400	150.47	21.092	347.431	716.221	773.989	0.383	526.313	1396.218	0.998	14.682
10/1/2017 4:45	2616300	150.463	21.083	347.414	717.955	776.008	0.384	527.686	1392.846	0.998	14.684
10/1/2017 5:00	2617200	150.462	21.083	347.412	718.345	776.439	0.384	527.979	1392.089	0.998	14.687
10/1/2017 5:15	2618100	150.416	21.09	347.306	716.594	774.432	0.383	526.614	1395.491	0.998	14.695
10/1/2017 5:30	2619000	150.415	21.087	347.303	715.495	773.283	0.382	525.832	1397.634	0.998	14.699
10/1/2017 5:45	2619900	150.427	21.086	347.33	715.911	773.755	0.383	526.153	1396.822	0.998	14.687
10/1/2017 6:00	2620800	150.413	21.081	347.299	717.553	775.608	0.383	527.413	1393.626	0.998	14.695
10/1/2017 6:15	2621700	150.409	21.076	347.29	718.855	777.105	0.384	528.432	1391.101	0.998	14.693
10/1/2017 6:30	2622600	150.42	21.084	347.314	717.186	775.159	0.383	527.108	1394.339	0.998	14.69
10/1/2017 6:45	2623500	150.417	21.085	347.308	717.088	775.051	0.383	527.035	1394.529	0.998	14.696
10/1/2017 7:00	2624400	150.444	21.088	347.371	717.691	775.654	0.383	527.445	1393.357	0.998	14.705
10/1/2017 7:15	2625300	150.404	21.085	347.277	717.186	775.095	0.383	527.065	1394.339	0.998	14.704
10/1/2017 7:30	2626200	150.455	21.084	347.395	716.542	774.477	0.383	526.644	1395.591	0.998	14.7
10/1/2017 7:45	2627100	150.399	21.083	347.266	720.097	778.325	0.385	529.261	1388.702	0.998	14.703
10/1/2017 8:00	2628000	150.447	21.086	347.376	720.077	778.253	0.385	529.212	1388.741	0.998	14.703
10/1/2017 8:15	2628900	150.43	21.09	347.338	716.938	774.802	0.383	526.865	1394.821	0.998	14.706
10/1/2017 8:30	2629800	150.402	21.089	347.275	718.594	776.607	0.384	528.093	1391.606	0.998	14.713
10/1/2017 8:45	2630700	150.394	21.09	347.256	716.872	774.756	0.382	526.413	1394.949	0.998	14.711
10/1/2017 9:00	2631600	150.405	21.088	347.28	716.607	774.47	0.383	526.54	1395.465	0.998	14.703
10/1/2017 9:15	2632500	150.421	21.088	347.317	717.194	775.114	0.383	527.077	1394.323	0.998	14.705
10/1/2017 9:30	2633400	150.446	21.091	347.375	717.616	775.518	0.383	527.352	1393.503	0.998	14.705
10/1/2017 9:45	2634300	150.398	21.085	347.265	717.8	775.813	0.384	527.553	1393.146	0.998	14.707
10/1/2017 10:00	2635200	150.445	21.075	347.373	719.018	777.29	0.384	528.557	1390.786	0.998	14.707
10/1/2017 10:15	2636100	150.418	21.074	347.31	720.675	779.081	0.385	529.782	1387.588	0.998	14.7
10/1/2017 10:30	2637000	150.405	21.087	347.28	719.31	777.409	0.384	528.638	1390.221	0.998	14.703
10/1/2017 10:45	2637900	150.438	21.086	347.356	719.172	777.274	0.384	528.546	1390.488	0.998	14.702
10/1/2017 11:00	2638800	150.444	21.091	347.371	717.423	775.315	0.383	527.214	1393.878	0.998	14.695
10/1/2017 11:15	2639700	150.466	21.091	347.421	717.33	775.212	0.383	527.144	1394.059	0.998	14.691
10/1/2017 11:30	2640600	150.451	21.091	347.386	717.367	775.251	0.383	527.171	1393.986	0.998	14.695
10/1/2017 11:45	2641500	150.412	21.084	347.297	716.593	774.523	0.383	526.676	1395.492	0.998	14.693
10/1/2017 12:00	2642400	150.456	21.08	347.299	717.332	775.381	0.383	527.259	1394.054	0.998	14.695
10/1/2017 12:15	2643300	150.465	21.088	347.418	716.092	773.923	0.383	526.268	1396.469	0.998	14.695
10/1/2017 12:30	2644200	150.436	21.084	347.352	716.155	774.045	0.383	526.351	1396.346	0.998	14.694
10/1/2017 12:45	2645100	150.47	21.087	347.431	719.357	777.465	0.384	528.676	1390.131	0.998	14.692
10/1/2017 13:00	2646000	150.476	21.081	347.444	720.182	778.444	0.385	529.342	1388.538	0.998	14.69
10/1/2017 13:15	2646900	150.42	21.088	347.315	718.936	776.991	0.384	528.354	1390.945	0.998	14.69
10/1/2017 13:30	2647800	150.445	21.082	347.374	718.677	776.81	0.384	528.231	1391.447	0.998	14.691
10/1/2017 13:45	2648700	150.471	21.094	347.432	716.975	774.773	0.383	526.845	1394.748	0.998	14.681
10/1/2017 14:00	2649600	150.435	21.079	347.35	717.151	775.208	0.383	527.142	1394.407	0.998	14.679
10/1/2017 14:15	2650500	150.494	21.083	347.486	715.729	773.448	0.382	525.945	1397.177	0.998	14.673
10/1/2017 14:30	2651400	150.443	21.084	347.368	717.402	775.397	0.383	527.27	1393.918	0.998	14.673
10/1/2017 14:45	2652300	150.453	21.075	347.391	719.366	777.665	0.385	528.812	1390.112	0.998	14.67
10/1/2017 15:00	2653200	150.456	21.09	347.399	718.499	778.399	0.385	529.331	1388.326	0.998	14.666
10/1/2017 15:15	2654100	150.459	21.084	347.406	718.387	776.463	0.384	527.995	1392.008	0.998	14.655
10/1/2017 15:30	2655000	150.479	21.088	347.452	717.566	775.51	0.383	527.347	1393.6	0.998	14.659
10/1/2017 15:45	2655900	150.451	21.073	347.386	718.847	777.14	0.384	528.455	1391.117	0.998	14.658
10/1/2017 16:00	2656800	150.461	21.081	347.409	718.711	776.859	0.384	528.264	1391.379	0.998	14.65
10/1/2017 16:15	2657700	150.501	21.089	347.502	714.624	772.32	0.382	525.178	1399.336	0.998	14.652
10/1/2017 16:30	2658600	150.469	21.081	347.429	716.008	773.429	0.383	526.28	1396.632	0.998	14.651
10/1/2017 16:45	2659500	150.498	21.081	347.495	717.937	776.028	0.384	527.699	1392.881	0.998	14.656
10/1/2017 17:00	2660400	150.473	21.076	347.437	718.842	777.092	0.384	528.422	1391.125	0.998	14.649
10/1/2017 17:15	2661300	150.474	21.08	347.441	720.754	779.086	0.385	529.778	1387.435	0.998	14.646
10/1/2017 17:30	2662200	150.496	21.076	347.492	719.432	777.717	0.385	528.848	1389.984	0.998	14.648
10/1/2017 17:45	2663100	150.493	21.082	347.485	717.969	776.048	0.384	527.712	1392.818	0.998	14.642
10/1/2017 18:00	2664000	150.527	21.084	347.563	721.427	778.247	0.383	526.483	1395.488	0.998	14.644
10/1/2017 18:15	2664900	150.482	21.088	347.458	717.474	775.42	0.383	527.285	1393.778	0.998	14.647
10/1/2017 18:30	2665800	150.531	21.081	347.572	716.362	774.321	0.383	526.538	1395.942	0.998	14.645
10/1/2017 18:45	2666700	150.528	21.087	347.565	714.78	772.5					

10/3/2017 3:00	2782800	150.721	21.098	348.01	710.49	767.705	0.379	532.039	1407.479	0.998	14.624
10/3/2017 3:15	2783700	150.776	21.096	348.138	710.314	767.541	0.379	521.928	1407.828	0.998	14.617
10/3/2017 3:30	2784600	150.71	21.092	347.986	711.953	769.387	0.38	523.183	1404.587	0.998	14.626
10/3/2017 3:45	2785500	150.749	21.091	348.075	712.994	770.518	0.381	523.952	1402.536	0.998	14.619
10/3/2017 4:00	2786400	150.721	21.093	348.011	711.917	769.332	0.38	523.146	1404.659	0.998	14.623
10/3/2017 4:15	2787300	150.748	21.088	348.064	713.569	771.186	0.381	524.407	1401.406	0.998	14.621
10/3/2017 4:30	2788200	150.745	21.09	348.065	713.8	771.407	0.381	524.557	1400.953	0.998	14.623
10/3/2017 4:45	2789100	150.711	21.078	347.988	713.257	771.017	0.381	524.292	1402.02	0.998	14.623
10/3/2017 5:00	2790000	150.747	21.086	348.071	715.62	773.444	0.382	525.942	1397.39	0.998	14.615
10/3/2017 5:15	2790900	150.716	21.089	347.999	716.994	774.873	0.383	526.914	1394.713	0.998	14.625
10/3/2017 5:30	2791800	150.735	21.085	348.042	716.993	774.941	0.383	526.96	1394.714	0.998	14.623
10/3/2017 5:45	2792700	150.704	21.083	347.972	715.703	773.581	0.382	526.055	1397.227	0.998	14.619
10/3/2017 6:00	2793600	150.692	21.093	347.944	714.102	771.696	0.381	524.753	1400.36	0.998	14.62
10/3/2017 6:15	2794500	150.736	21.091	348.045	711.489	768.897	0.38	522.85	1405.503	0.998	14.622
10/3/2017 6:30	2795400	150.734	21.096	348.041	711.584	768.927	0.38	522.87	1405.316	0.998	14.627
10/3/2017 6:45	2796300	150.708	21.086	347.98	711.029	768.478	0.38	522.565	1406.413	0.998	14.617
10/3/2017 7:00	2797200	150.71	21.082	347.985	712.981	770.66	0.381	524.049	1402.561	0.998	14.625
10/3/2017 7:15	2798100	150.738	21.084	348.048	713.525	771.201	0.381	524.417	1401.493	0.998	14.627
10/3/2017 7:30	2799000	150.696	21.084	347.951	713.002	770.649	0.381	524.041	1402.521	0.998	14.628
10/3/2017 7:45	2799900	150.733	21.099	348.038	712.621	769.988	0.381	523.592	1403.27	0.998	14.631
10/3/2017 8:00	2800800	150.705	21.093	347.973	711.42	768.798	0.38	522.782	1405.639	0.998	14.636
10/3/2017 8:15	2801700	150.743	21.08	348.061	717.071	775.1	0.383	527.068	1394.561	0.998	14.638
10/3/2017 8:30	2802600	150.741	21.081	348.056	715.74	773.645	0.382	526.079	1397.156	0.998	14.64
10/3/2017 8:45	2803500	150.756	21.093	348.092	713.344	770.877	0.381	524.196	1401.848	0.998	14.637
10/3/2017 9:00	2804400	150.744	21.09	348.062	712.959	770.508	0.381	523.945	1402.604	0.998	14.641
10/3/2017 9:15	2805300	150.697	21.09	347.954	712.102	769.569	0.38	523.307	1404.293	0.998	14.649
10/3/2017 9:30	2806200	150.718	21.076	348.003	712.306	770.013	0.381	523.609	1403.892	0.998	14.652
10/3/2017 9:45	2807100	150.706	21.095	347.974	712.406	769.821	0.381	523.478	1403.694	0.998	14.654
10/3/2017 10:00	2808000	150.743	21.087	348.061	714.295	771.994	0.382	524.956	1399.982	0.998	14.653
10/3/2017 10:15	2808900	150.753	21.095	348.084	712.975	770.44	0.381	523.899	1402.573	0.998	14.654
10/3/2017 10:30	2809800	150.756	21.08	348.092	712.472	771.39	0.381	523.899	1403.013	0.998	14.659
10/3/2017 10:45	2810700	150.74	21.094	348.054	712.277	769.698	0.38	523.395	1403.948	0.998	14.664
10/3/2017 11:00	2811600	150.723	21.086	348.016	712.722	770.307	0.381	523.808	1403.072	0.998	14.661
10/3/2017 11:15	2812500	150.725	21.088	348.02	711.655	769.128	0.38	523.007	1405.176	0.998	14.654
10/3/2017 11:30	2813400	150.772	21.082	348.128	712.915	770.573	0.381	523.99	1402.693	0.998	14.658
10/3/2017 11:45	2814300	150.774	21.091	348.134	713.966	771.571	0.381	524.668	1400.627	0.998	14.663
10/3/2017 12:00	2815200	150.742	21.092	348.059	712.493	769.972	0.381	523.581	1403.523	0.998	14.656
10/3/2017 12:15	2816100	150.766	21.099	348.115	712.637	770.003	0.381	523.602	1403.24	0.998	14.659
10/3/2017 12:30	2817000	150.778	21.089	348.142	713.196	770.772	0.381	524.125	1402.139	0.998	14.663
10/3/2017 12:45	2817900	150.742	21.086	348.059	714.688	772.43	0.382	525.252	1399.213	0.998	14.662
10/3/2017 13:00	2818800	150.769	21.097	348.122	713.606	771.094	0.381	524.344	1401.333	0.998	14.667
10/3/2017 13:15	2819700	150.737	21.08	348.047	712.102	769.74	0.38	523.423	1404.293	0.998	14.664
10/3/2017 13:30	2820600	150.768	21.086	348.119	713.101	770.717	0.381	524.084	1402.327	0.998	14.67
10/3/2017 13:45	2821500	150.732	21.097	348.036	711.585	768.908	0.38	522.857	1405.313	0.998	14.671
10/3/2017 14:00	2822400	150.78	21.096	348.145	711.757	769.107	0.38	522.992	1404.975	0.998	14.674
10/3/2017 14:15	2823300	150.788	21.095	348.165	711.863	769.242	0.38	523.085	1404.765	0.998	14.67
10/3/2017 14:30	2824200	150.772	21.081	348.129	713.823	771.575	0.381	524.671	1400.908	0.998	14.678
10/3/2017 14:45	2825100	150.754	21.089	348.085	715.095	772.832	0.382	525.526	1398.416	0.998	14.677
10/3/2017 15:00	2826000	150.782	21.088	348.151	713.655	771.281	0.381	524.471	1401.237	0.998	14.678
10/3/2017 15:15	2826900	150.783	21.092	348.152	712.561	770.035	0.381	523.624	1403.388	0.998	14.678
10/3/2017 15:30	2827800	150.724	21.082	348.016	711.336	768.87	0.38	522.831	1405.806	0.998	14.69
10/3/2017 15:45	2828700	150.756	21.087	348.091	713.969	771.636	0.381	524.713	1400.622	0.998	14.675
10/3/2017 16:00	2829600	150.73	21.092	348.032	712.818	770.322	0.381	523.819	1402.883	0.998	14.685
10/3/2017 16:15	2830500	150.784	21.083	348.155	712.104	769.691	0.38	523.39	1404.289	0.998	14.679
10/3/2017 16:30	2831400	150.747	21.078	348.07	714.376	772.23	0.382	525.116	1399.823	0.998	14.683
10/3/2017 16:45	2832300	150.781	21.087	348.149	715.509	769.297	0.382	525.942	1397.606	0.998	14.685
10/3/2017 17:00	2833200	150.738	21.087	348.05	715.877	773.701	0.382	526.117	1396.889	0.998	14.692
10/3/2017 17:15	2834100	150.744	21.088	348.064	715.686	773.481	0.382	525.967	1397.261	0.998	14.69
10/3/2017 17:30	2835000	150.749	21.074	348.075	716.424	774.507	0.383	526.665	1395.821	0.998	14.685
10/3/2017 17:45	2835900	150.733	21.075	348.039	718.338	776.551	0.384	528.055	1392.103	0.998	14.686
10/3/2017 18:00	2836800	150.778	21.071	348.141	718.658	776.963	0.384	528.355	1391.483	0.998	14.696
10/3/2017 18:15	2837700	150.754	21.081	348.041	717.482	775.346	0.383	527.365	1393.764	0.998	14.694
10/3/2017 18:30	2838600	150.741	21.085	348.057	717.473	775.457	0.383	527.311	1393.781	0.998	14.698
10/3/2017 18:45	2839500	150.725	21.089	348.02	715.304	773.049	0.382	525.673	1398.007	0.998	14.701
10/3/2017 19:00	2840400	150.732	21.084	348.035	714.962	772.756	0.382	525.474	1398.676	0.998	14.699
10/3/2017 19:15	2841300	150.733	21.088	348.038	715.98	773.799	0.383	526.183	1396.687	0.998	14.703
10/3/2017 19:30	2842200	150.773	21.088	348.131	714.842	772.571	0.382	525.349	1398.911	0.998	14.706
10/3/2017 19:45	2843100	150.765	21.092	348.111	713.478	771.163	0.382	524.3	1401.584	0.998	14.708
10/3/2017 20:00	2844000	150.716	21.084	347.998	713.963	771.678	0.381	524.741	1400.633	0.998	14.714
10/3/2017 20:15	2844900	150.739	21.08	348.051	716.073	774.021	0.383	526.334	1396.506	0.998	14.707
10/3/2017 20:30	2845800	150.722	21.083	348.012	716.297	774.216	0.383	526.467	1396.068	0.998	14.717
10/3/2017 20:45	2846700	150.73	21.078	348.031	713.95	771.755	0.381	524.793	1400.659	0.998	14.714
10/3/2017 21:00	2847600	150.758	21.095	348.096	711.553	768.896	0.38	522.849	1405.376	0.998	14.718
10/3/2017 21:15	2848500	150.712	21.093	347.989	711.477	768.957	0.38	522.814	1405.527	0.998	14.719
10/3/2017 21:30	2849400	150.72	21.095	348.008	712.55	769.977	0.381	523.584	1403.41	0.998	14.719
10/3/2017 21:45	2850300	150.755	21.086	348.088	713.333	770.963	0.381	524.255	1401.87	0.998	14.721
10/3/2017 22:00	2851200	150.725	21.086	348.019	713.837	771.511	0.381	524.627	1400.88	0.998	14.722
10/3/2017 22:15	2852100	150.758	21.091	348.095	713.642	771.229	0.381	524.436	1401.263	0.998	14.724
10/3/2017 22:30	2853000	150.763	21.082	348.107	713.405	771.108	0.381	524.354	1401.728	0.998	14.731
10/3/2017 22:45	2853900	150.761	21.087	348.103	714.87	772.503	0.382	525.318	1398.856	0.998	14.722
10/3/2017 23:00	2854800	150.715	21.086	347.997	712.564	770.135	0.381	523.692	1403.382	0.998	14.727
10/3/2017 23:15	2855700	150.724	21.082	348.018	713	770.665	0.381	524.052	1402.525	0.998	14.728
10/3/2017 23:30	2856600	150.759	21.086	348.099	716.065	77					

Report Date: 10/9/2017 9:52
Report User Name: WMassoll
Report Computer Name: WKST52
Application: WinSitu.exe
Application Version: 5.6.27.1

Log File Properties
File Name: MPWSP MW-9M_2017-10-05_14-04-45-216.wsl
Create Date: 10/5/2017 14:04

Device Properties
Device: Aqua TROLL 200
Site: MPWSP MW-9
Device Name:
Serial Number: 410760
Firmware Version: 2
Hardware Version: 3
Device Address: 1
Device Comm Cfg: 19200 8 Even 1 (Modbus-RTU)
Used Memory: 90
Used Battery: 41

Log Configuration
Log Name: MPWSP MW-9M
Created By: AVanHaitsma
Computer Name: PROBOOK2
Application: WinSitu.exe
Application Version: 5.6.27.1
Create Date: 8/17/2017 11:39:08 AM Pacific Daylight Time
Log Setup Time Zone: Pacific Daylight Time
Notes Size(bytes): 4096
Overwrite when full: Enabled
Scheduled Start Time: 8/17/2017 11:45:00 AM Pacific Daylight Time
Scheduled Stop Time: No Stop Time
Type: Linear
Interval: Days: 0 hrs: 00 mins: 15 secs: 00

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

Other Log Settings
Depth of Probe: 154.653 (ft)
Head Pressure: 68.6556 (PSI)
Temperature: 16.7979 (C)
Specific Conductivity Model: Standard Methods
Reference Temperature: 25
Temperature Coefficient: 0.0191
TDS Factor: 0.68

Log Notes:
Date and Time: Note
8/17/2017 11:39 Used Battery: 41% Used Memory: 93% User Name: AVanHaitsma
8/17/2017 12:00 Log Download - Used Battery: 41% Used Memory: 93% User Name: AVanHaitsma Interval - Start Time: 8/17/2017 11:45:00 AM Stop Time: 8/17/2017 12:45:00 PM
8/24/2017 10:21 Log Download - Used Battery: 41% Used Memory: 93% User Name: AVanHaitsma Interval - Start Time: 8/16/2017 10:00:00 PM Stop Time: 8/24/2017 11:15:00 AM
9/1/2017 12:54 Log Download - Used Battery: 42% Used Memory: 95% User Name: WMassoll Interval - Start Time: 8/17/2017 11:45:00 AM Stop Time: 9/1/2017 1:45:00 PM
9/7/2017 13:12 Log Download - Used Battery: 42% Used Memory: 95% User Name: WMassoll Interval - Start Time: 8/31/2017 10:00:00 PM Stop Time: 9/7/2017 1:00:00 PM
9/14/2017 13:18 Log Download - Used Battery: 42% Used Memory: 96% User Name: AVanHaitsma Interval - Start Time: 9/6/2017 10:00:00 PM Stop Time: 9/14/2017 2:15:00 PM
9/21/2017 12:33 Log Download - Used Battery: 43% Used Memory: 96% User Name: AVanHaitsma Interval - Start Time: 9/13/2017 10:00:00 PM Stop Time: 9/21/2017 1:30:00 PM
9/28/2017 12:15 Log Download - Used Battery: 43% Used Memory: 98% User Name: WMassoll Interval - Start Time: 9/20/2017 10:00:00 PM Stop Time: 9/28/2017 1:00:00 PM
10/5/2017 14:02 Log Download - Used Battery: 43% Used Memory: 98% User Name: WMassoll Interval - Start Time: 8/31/2017 10:00:00 PM Stop Time: 10/5/2017 2:45:00 PM

Log Data:
Record Count: 3329

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

Time Zone: Pacific Daylight Time

Date and Time	Elapsed Time Seconds	Sensor: PCTD(G) 231ft	Sensor: PCTD(G) 231ft	Sensor: PCTD(G) 231ft	Sensor: PCTD(G) 231ft	Sensor: PCTD(G) 231ft	Sensor: PCTD(G) 231ft	Sensor: PCTD(G) 231ft	Sensor: PCTD(G) 231ft	Sensor: PCTD(G) 231ft	
		SN#: 410760 Pressure (PSI)	SN#: 410760 Temperature (C)	SN#: 410760 Depth (ft)	SN#: 410760 Actual Conductivity (µS/cm)	SN#: 410760 Specific Conductivity (µS/cm)	SN#: 410760 Salinity (PSU)	SN#: 410760 Total Dissolved Solids (ppm)	SN#: 410760 Resistivity (ohm-cm)	SN#: 410760 Water Density (g/cm3)	
9/28/2017 0:00		2340000	69.254	16.806	156.001	37761.109	44767.84	29.087	30442.133	26.482	1.021
9/28/2017 0:15		2340900	69.268	16.806	156.033	37747.633	44751.762	29.076	30431.199	26.492	1.021
9/28/2017 0:30		2341800	69.243	16.808	155.976	37750.004	44752.707	29.076	30431.844	26.499	1.021
9/28/2017 0:45		2342700	69.239	16.809	155.967	37742.309	44742.25	29.069	30424.732	26.495	1.021
9/28/2017 1:00		2343600	69.238	16.807	155.966	37745.922	44747.953	29.073	30428.611	26.493	1.021
9/28/2017 1:15		2344500	69.248	16.82	155.987	37774.699	44769.801	29.09	30443.467	26.473	1.021
9/28/2017 1:30		2345400	69.227	16.805	155.941	37758.051	44765.008	29.085	30440.207	26.484	1.021
9/28/2017 1:45		2346300	69.228	16.806	155.942	37749.074	44752.758	29.076	30431.877	26.491	1.021
9/28/2017 2:00		2347200	69.221	16.805	155.928	37733.828	44736.375	29.065	30420.736	26.501	1.021
9/28/2017 2:15		2348100	69.217	16.807	155.918	37772.496	44779.551	29.096	30450.098	26.474	1.021
9/28/2017 2:30		2349000	69.219	16.806	155.922	37725.199	44725.34	29.057	30413.232	26.507	1.021
9/28/2017 2:45		2349900	69.226	16.808	155.939	37733.145	44731.832	29.061	30417.648	26.502	1.021
9/28/2017 3:00		2350800	69.225	16.809	155.935	37739.277	44738.125	29.066	30421.926	26.498	1.021
9/28/2017 3:15		2351700	69.206	16.811	155.893	37737.098	44733.852	29.063	30419.021	26.499	1.021
9/28/2017 3:30		2352600	69.224	16.805	155.934	37753.352	44759.344	29.081	30436.355	26.488	1.021
9/28/2017 3:45		2353500	69.206	16.823	155.893	37764.156	44753.566	29.078	30432.426	26.48	1.021
9/28/2017 4:00		2354400	69.219	16.812	155.923	37755.16	44754.461	29.078	30433.035	26.486	1.021
9/28/2017 4:15		2355300	69.219	16.807	155.923	37739.059	44739.816	29.067	30423.078	26.498	1.021
9/28/2017 4:30		2356200	69.217	16.812	155.919	37758.25	44757.867	29.08	30435.35	26.484	1.021
9/28/2017 4:45		2357100	69.214	16.808	155.911	37746.305	44747.613	29.073	30428.379	26.493	1.021
9/28/2017 5:00		2358000	69.198	16.815	155.875	37749.988	44744.945	29.071	30426.563	26.49	1.021
9/28/2017 5:15		2358900	69.2	16.812	155.88	37737.824	44733.91	29.063	30419.061	26.499	1.021
9/28/2017 5:30		2359800	69.206	16.801	155.893	37736.988	44744.125	29.07	30426.008	26.499	1.021
9/28/2017 5:45		2360700	69.216	16.803	155.915	37733.051	44737.402	29.065	30421.434	26.502	1.021
9/28/2017 6:00		2361600	69.203	16.81	155.886	37780.555	44786.164	29.101	30454.594	26.469	1.021
9/28/2017 6:15		2362500	69.22	16.807	155.924	37742.121	44743.625	29.07	30425.666	26.496	1.021
9/28/2017 6:30		2363400	69.22	16.809	155.925	37752.281	44753.984	29.077	30432.711	26.488	1.021
9/28/2017 6:45		2364300	69.205	16.803	155.891	37735.609	44740.715	29.068	30423.688	26.5	1.021
9/28/2017 7:00		2365200	69.222	16.811	155.929	37753.617	44753.172	29.077	30432.158	26.488	1.021
9/28/2017 7:15		2366100	69.209	16.823	155.9	37755.84	44743.711	29.071	30425.727	26.486	1.021
9/28/2017 7:30		2367000	69.209	16.816	155.899	37729.129	44719.695	29.053	30409.393	26.505	1.021
9/28/2017 7:45		2367900	69.227	16.805	155.94	37751.523	44757	29.079	30434.762	26.489	1.021
9/28/2017 8:00		2368800	69.211	16.812	155.905	37739.813	44736.445	29.065	30420.783	26.497	1.021
9/28/2017 8:15		2369700	69.227	16.809	155.941	37728.66	44725.797	29.057	30413.543	26.505	1.021
9/28/2017 8:30		2370600	69.21	16.814	155.902	37763.836	44762.785	29.084	30438.693	26.48	1.021
9/28/2017 8:45		2371500	69.213	16.809	155.91	37756.473	44759.227	29.081	30436.275	26.486	1.021
9/28/2017 9:00		2372400	69.214	16.802	155.911	37740.805	44747.848	29.073	30428.539	26.497	1.021
9/28/2017 9:15		2373300	69.215	16.799	155.913	37747.848	44758.602	29.08	30435.85	26.492	1.021
9/28/2017 9:30		2374200	69.217	16.797	155.919	37732.469	44742.855	29.069	30425.145	26.502	1.021
9/28/2017 9:45		2375100	69.216	16.799	155.915	37758.305	44771.453	29.09	30444.59	26.484	1.021
9/28/2017 10:00		2376000	69.213	16.808	155.91	37747.48	44749.633	29.074	30429.752	26.492	1.021
9/28/2017 10:15		2376900	69.216	16.808	155.917	37763.16	44767.68	29.087	30442.023	26.481	1.021
9/28/2017 10:30		2377800	69.217	16.813	155.918	37781.785	44785.035	29.1	30453.824	26.468	1.021
9/28/2017 10:45		2378700	69.214	16.799	155.912	37770.164	44784.887	29.099	30453.725	26.476	1.021
9/28/2017 11:00		2379600	69.235	16.801	155.959	37740.09	44747.805	29.073	30428.508	26.497	1.021
9/28/2017 11:15		2380500	69.218	16.804	155.92	37733.125	44736.168	29.064	30420.596	26.502	1.021
9/28/2017 11:30		2381400	69.235	16.805	155.96	37759.527	44766.402	29.086	30441.156	26.483	1.021
9/28/2017 11:45		2382300	69.217	16.802	155.919	37782.563	44797.18	29.108	30462.084	26.467	1.021
9/28/2017 12:00		2383200	69.222	16.801	155.929	37751.195	44760.691	29.082	30437.271	26.489	1.021
9/28/2017 12:15		2384100	69.218	16.811	155.92	37783.707	44788.934	29.103	30456.477	26.466	1.021
9/28/2017 12:30		2385000	69.219	16.801	155.922	38113.543	45189.977	29.392	30729.186	26.237	1.021
9/28/2017 12:45		2385900	69.22	16.805	155.925	0	0	0	0	10000000	0.999
9/28/2017 13:00		2386800	69.219	16.804	155.924	37956.211	45001.188	29.256	30600.809	26.346	1.021
9/28/2017 13:15		2387700	69.221	16.816	155.927	37922.477	44948.516	29.218	30564.99	26.37	1.021
9/28/2017 13:30		2388600	69.22	16.804	155.925	37919.141	44957.156	29.224	30570.869	26.372	1.021
9/28/2017 13:45		2389500	69.236	16.804	155.961	37847.633	44871.656	29.162	30512.729	26.422	1.021
9/28/2017 14:00		2390400	69.236	16.814	155.961	37867.891	44886.305	29.173	30522.689	26.408	1.021
9/28/2017 14:15		2391300	69.224	16.795	155.935	37863.117	44899.395	29.182	30531.59	26.411	1.021
9/28/2017 14:30		2392200	69.223	16.803	155.931	37811.527	44830.191	29.132	30484.533	26.447	1.021
9/28/2017 14:45		2393100	69.225	16.809	155.935	37861.191	44883.449	29.171	30520.748	26.412	1.021
9/28/2017 15:00		2394000	69.227	16.801	155.94	37847.984	44875.195	29.165	30515.135	26.421	1.021
9/28/2017 15:15		2394900	69.223	16.802	155.932	37848.777	44875.867	29.165	30515.59	26.421	1.021
9/28/2017 15:30		2395800	69.228	16.802	155.942	37839.402	44864.57	29.157	30507.91	26.427	1.021
9/28/2017 15:45		2396700	69.228	16.804	155.942	37842.461	44865.965	29.158	30508.857	26.425	1.021
9/28/2017 16:00		2397600	69.227	16.804	155.94	37848.277	44872.785	29.163	30513.496	26.421	1.021
9/28/2017 16:15		2398500	69.241	16.813	155.972	37896.531	44920.527	29.198	30545.961	26.388	1.021
9/28/2017 16:30		2399400	69.235	16.8	155.959	37857.434	44887.387	29.173	30523.426	26.415	1.021
9/28/2017 16:45		2400300	69.231	16.798	155.95	37858.727	44891.418	29.176	30526.144	26.414	1.021
9/28/2017 17:00		2401200	69.234	16.804	155.956	37845.332	44869.648	29.161	30511.361	26.423	1.021
9/28/2017 17:15		2402100	69.251	16.807	155.994	37852.566	44874.473	29.164	30514.645	26.418	1.021
9/28/2017 17:30		2403000	69.236	16.8	155.96	37847.039	44875.773	29.165	30515.527	26.422	1.021
9/28/2017 17:45		2403900	69.255	16.82	156.005	37859.707	44869.926	29.162	30511.553	26.413	1.021
9/28/2017 18:00		2404800	69.237	16.							

9/29/2017 0:00	2426400	69.232	16.803	155.952	37834.363	44857.707	29.152	30503.242	26.431	1.021
9/29/2017 0:15	2427300	69.208	16.801	155.897	37831.313	44855.965	29.151	30502.059	26.433	1.021
9/29/2017 0:30	2428200	69.205	16.808	155.89	37841.262	44860	29.154	30504.803	26.426	1.021
9/29/2017 0:45	2429100	69.204	16.803	155.888	37820.988	44841.406	29.14	30492.156	26.44	1.021
9/29/2017 1:00	2430000	69.198	16.812	155.875	37839.707	44854.859	29.15	30501.307	26.427	1.021
9/29/2017 1:15	2430900	69.194	16.805	155.866	37820.992	44839.012	29.139	30490.527	26.44	1.021
9/29/2017 1:30	2431800	69.207	16.804	155.895	37832.578	44853.984	29.149	30500.709	26.432	1.021
9/29/2017 1:45	2432700	69.186	16.797	155.847	37820.266	44846.793	29.144	30495.82	26.441	1.021
9/29/2017 2:00	2433600	69.185	16.797	155.846	37806.016	44829.527	29.131	30484.08	26.451	1.021
9/29/2017 2:15	2434500	69.182	16.803	155.839	37835.316	44858.035	29.152	30503.465	26.43	1.021
9/29/2017 2:30	2435400	69.174	16.804	155.822	37864.383	44892.137	29.177	30526.652	26.41	1.021
9/29/2017 2:45	2436300	69.17	16.817	155.811	37836.016	44844.863	29.144	30494.508	26.43	1.021
9/29/2017 3:00	2437200	69.167	16.812	155.806	37856.738	44874.613	29.165	30514.74	26.415	1.021
9/29/2017 3:15	2438100	69.169	16.808	155.81	37825.063	44841.691	29.141	30492.352	26.437	1.021
9/29/2017 3:30	2439000	69.163	16.803	155.795	37816.785	44836.68	29.137	30488.945	26.443	1.021
9/29/2017 3:45	2439900	69.163	16.812	155.796	37812.344	44821.625	29.127	30478.707	26.446	1.021
9/29/2017 4:00	2440800	69.162	16.804	155.793	37814.012	44831.887	29.133	30485.686	26.445	1.021
9/29/2017 4:15	2441700	69.158	16.809	155.785	37836.805	44854.367	29.15	30500.973	26.429	1.021
9/29/2017 4:30	2442600	69.161	16.814	155.792	37845.105	44858.414	29.153	30503.725	26.423	1.021
9/29/2017 4:45	2443500	69.159	16.803	155.788	37848.996	44875.055	29.165	30515.039	26.421	1.021
9/29/2017 5:00	2444400	69.175	16.82	155.824	37841.234	44848.207	29.146	30496.783	26.426	1.021
9/29/2017 5:15	2445300	69.158	16.807	155.785	37838.031	44858.043	29.153	30503.469	26.428	1.021
9/29/2017 5:30	2446200	69.158	16.801	155.785	37820.738	44843.332	29.142	30493.467	26.441	1.021
9/29/2017 5:45	2447100	69.162	16.814	155.793	37851.305	44866.563	29.159	30509.266	26.419	1.021
9/29/2017 6:00	2448000	69.161	16.805	155.791	37829.289	44848.922	29.146	30497.27	26.435	1.021
9/29/2017 6:15	2448900	69.179	16.804	155.833	37821.152	44840.262	29.14	30491.381	26.44	1.021
9/29/2017 6:30	2449800	69.163	16.801	155.796	37821.52	44844.523	29.142	30494.275	26.44	1.021
9/29/2017 6:45	2450700	69.164	16.818	155.799	37868.902	44883.133	29.171	30520.533	26.407	1.021
9/29/2017 7:00	2451600	69.166	16.808	155.803	37839.465	44858.766	29.153	30503.961	26.427	1.021
9/29/2017 7:15	2452500	69.167	16.81	155.805	37863.531	44885.246	29.172	30521.969	26.411	1.021
9/29/2017 7:30	2453400	69.172	16.807	155.816	37818.027	44833.434	29.135	30486.736	26.442	1.021
9/29/2017 7:45	2454300	69.188	16.808	155.852	37842.199	44862.008	29.155	30506.168	26.426	1.021
9/29/2017 8:00	2455200	69.192	16.801	155.861	37822.848	44845.648	29.143	30495.043	26.439	1.021
9/29/2017 8:15	2456100	69.179	16.803	155.833	37831.148	44853.711	29.149	30500.525	26.433	1.021
9/29/2017 8:30	2457000	69.18	16.808	155.834	37858.633	44880.688	29.169	30518.869	26.414	1.021
9/29/2017 8:45	2457900	69.197	16.803	155.873	37837.496	44860.99	29.154	30505.469	26.429	1.021
9/29/2017 9:00	2458800	69.197	16.802	155.874	37791.469	44807.109	29.115	30468.836	26.461	1.021
9/29/2017 9:15	2459700	69.183	16.817	155.842	37844.043	44854.566	29.151	30501.105	26.424	1.021
9/29/2017 9:30	2460600	69.198	16.806	155.876	37867.828	44893.543	29.178	30527.611	26.408	1.021
9/29/2017 9:45	2461500	69.204	16.812	155.888	37848.969	44865.75	29.158	30508.713	26.421	1.021
9/29/2017 10:00	2462400	69.202	16.812	155.883	37858.094	44876.043	29.166	30515.711	26.414	1.021
9/29/2017 10:15	2463300	69.19	16.811	155.858	37864.828	44885.355	29.172	30522.045	26.41	1.021
9/29/2017 10:30	2464200	69.205	16.805	155.892	37839.363	44860.789	29.154	30505.336	26.428	1.021
9/29/2017 10:45	2465100	69.19	16.809	155.857	37845.555	44864.828	29.158	30508.086	26.423	1.021
9/29/2017 11:00	2466000	69.196	16.804	155.87	37841.324	44864.977	29.157	30508.184	26.426	1.021
9/29/2017 11:15	2466900	69.197	16.806	155.873	37828.824	44848.117	29.145	30496.721	26.435	1.021
9/29/2017 11:30	2467800	69.2	16.794	155.88	37858.223	44895.094	29.179	30528.666	26.414	1.021
9/29/2017 11:45	2468700	69.193	16.809	155.865	37836.395	44853.254	29.149	30500.213	26.43	1.021
9/29/2017 12:00	2469600	69.197	16.8	155.874	37849.277	44878.516	29.167	30517.391	26.421	1.021
9/29/2017 12:15	2470500	69.213	16.807	155.87	37881.633	44909.824	29.19	30538.684	26.398	1.021
9/29/2017 12:30	2471400	69.197	16.812	155.873	37834.504	44848.078	29.146	30496.695	26.431	1.021
9/29/2017 12:45	2472300	69.201	16.802	155.882	37856.992	44885.336	29.172	30522.029	26.415	1.021
9/29/2017 13:00	2473200	69.2	16.825	155.879	37876.953	44885.992	29.174	30522.477	26.401	1.021
9/29/2017 13:15	2474100	69.199	16.81	155.878	37856.828	44876.766	29.166	30516.203	26.415	1.021
9/29/2017 13:30	2475000	69.203	16.801	155.886	37854.207	44882.754	29.17	30520.275	26.417	1.021
9/29/2017 13:45	2475900	69.208	16.815	155.897	37858.977	44874.129	29.165	30514.41	26.414	1.021
9/29/2017 14:00	2476800	69.216	16.798	155.915	37844.164	44873.605	29.163	30514.053	26.424	1.021
9/29/2017 14:15	2477700	69.22	16.804	155.924	37865.234	44892.523	29.177	30526.918	26.409	1.021
9/29/2017 14:30	2478600	69.202	16.81	155.884	37866.406	44888.289	29.175	30524.039	26.409	1.021
9/29/2017 14:45	2479500	69.222	16.81	155.93	37873.668	44896.898	29.181	30529.893	26.404	1.021
9/29/2017 15:00	2480400	69.222	16.808	155.929	37874.684	44899.98	29.183	30531.988	26.403	1.021
9/29/2017 15:15	2481300	69.224	16.803	155.934	37813.617	44832.309	29.134	30485.971	26.445	1.021
9/29/2017 15:30	2482200	69.211	16.796	155.904	37857.621	44892.426	29.177	30526.852	26.415	1.021
9/29/2017 15:45	2483100	69.208	16.806	155.898	37854.238	44877.883	29.167	30516.963	26.417	1.021
9/29/2017 16:00	2484000	69.208	16.807	155.897	37873.145	44899.668	29.183	30531.777	26.404	1.021
9/29/2017 16:15	2484900	69.226	16.809	155.939	37851.594	44871.594	29.162	30512.686	26.419	1.021
9/29/2017 16:30	2485800	69.226	16.807	155.939	37826.938	44844.453	29.143	30494.23	26.436	1.021
9/29/2017 16:45	2486700	69.212	16.807	155.907	37877.086	44903.906	29.186	30534.658	26.401	1.021
9/29/2017 17:00	2487600	69.227	16.805	155.94	37854.43	44879.355	29.168	30517.963	26.417	1.021
9/29/2017 17:15	2488500	69.216	16.814	155.915	37869.754	44888.156	29.175	30523.949	26.406	1.021
9/29/2017 17:30	2489400	69.218	16.807	155.921	37859.27	44882.422	29.17	30520.049	26.414	1.021
9/29/2017 17:45	2490300	69.237	16.796	155.964	37831.754	44861.027	29.154	30505.498	26.433	1.021
9/29/2017 18:00	2491200	69.22	16.8	155.926	37824.527	44848.895	29.146	30497.25	26.438	1.021
9/29/2017 18:15	2492100	69.239	16.807	155.968	37845.738	44866.742	29.159	30509.387	26.423	1.021
9/29/2017 18:30	2493000	69.225	16.815	155.935	37850.547	44864.238	29.157	30507.684	26.42	1.021
9/29/2017 18:45	2493900	69.227	16.81	155.941	37832.453	44847.684	29.145	30496.428	26.432	1.021
9/29/2017 19:00	2494800	69.229	16.808	155.944	37835.695	44853.668	29.149	30500.496	26.43	1.021
9/29/2017 19:15	2495700	69.229	16.804	155.945	37819.813	44838.586	29.138	30490.24	26.441	1.021
9/29/2017 19:30	2496600	69.245	16.805	155.98	37841.633	44864.184	29.157	30507.646	26.426	1.021
9/29/2017 19:45	2497500	69.236	16.796	155.96	37801.035	44824.602	29.128	30480.73	26.454	1.021
9/29/2017 20:00	2498400	69.233	16.802	155.954	37844.637	44870.074	29.161	30511.652	26.424	1.021
9/29/2017 20:15	2499300	69.25	16.798	155.993	37840.277	44869.895	29.161	30511.529	26.427	1.021
9/29/2017 20:30	2500200	69.238	16.804	155.966	37828.773	44849.473	29.146	30497.645	26.435	1.021
9/29/2017 20:45	2501100	69.257	16.799	155.909	37813.379	44836.391	29.136	30488.746	26.446	1.021
9/29/2017 21:00	2502000	69.239	16.803	155.967	37847.984	44873.141	29.163	30513.738	26.421	1.021
9/29/2017 21:15	2502900	69.242	16.801	155.974	37827.551	44851.328	29.147	30498.904	26.436	1.021
9/29/2017 21:30	2503800	69.239	16.808	155.969	37834.504					

9/30/2017 20:30	2586600	69.244	16.812	155.978	37844.137	44860.297	29.154	30505.004	26.424	1.021
9/30/2017 20:45	2587500	69.238	16.811	155.966	37868.078	44889.559	29.175	30524.902	26.407	1.021
9/30/2017 21:00	2588400	69.258	16.804	156.011	37839.141	44861.504	29.155	30505.822	26.428	1.021
9/30/2017 21:15	2589300	69.249	16.811	155.989	37840.566	44856.945	29.152	30502.725	26.427	1.021
9/30/2017 21:30	2590200	69.246	16.796	155.983	37845.242	44876.941	29.166	30516.32	26.423	1.021
9/30/2017 21:45	2591100	69.249	16.802	155.99	37877.434	44909.484	29.189	30538.451	26.401	1.021
9/30/2017 22:00	2592000	69.264	16.812	156.023	37834.281	44848.52	29.146	30496.996	26.431	1.021
9/30/2017 22:15	2592900	69.261	16.804	156.018	37866.125	44893.852	29.178	30527.822	26.409	1.021
9/30/2017 22:30	2593800	69.264	16.806	156.023	37848.363	44870.656	29.162	30512.049	26.421	1.021
9/30/2017 22:45	2594700	69.251	16.799	155.994	37840.75	44868.93	29.16	30510.873	26.427	1.021
9/30/2017 23:00	2595600	69.247	16.81	155.986	37860.527	44880.887	29.169	30519.004	26.413	1.021
9/30/2017 23:15	2596500	69.248	16.79	155.988	37842.801	44880.371	29.168	30518.654	26.425	1.021
9/30/2017 23:30	2597400	69.259	16.801	156.013	37820.703	44843.559	29.142	30493.621	26.441	1.021
9/30/2017 23:45	2598300	69.243	16.79	155.976	37833.797	44869.516	29.16	30511.271	26.431	1.021
10/1/2017 0:00	2599200	69.258	16.809	156.011	37855.758	44877.109	29.166	30516.438	26.416	1.021
10/1/2017 0:15	2600100	69.236	16.807	155.96	37809.527	44824.164	29.128	30480.432	26.448	1.021
10/1/2017 0:30	2601000	69.234	16.8	155.956	37823.234	44847.637	29.145	30496.393	26.439	1.021
10/1/2017 0:45	2601900	69.249	16.809	155.99	37856.859	44877.602	29.167	30516.771	26.415	1.021
10/1/2017 1:00	2602800	69.23	16.802	155.948	37814.684	44835.359	29.136	30488.047	26.445	1.021
10/1/2017 1:15	2603700	69.226	16.808	155.938	37816.984	44831.672	29.134	30485.539	26.443	1.021
10/1/2017 1:30	2604600	69.232	16.803	155.953	37839.801	44864.066	29.157	30507.568	26.427	1.021
10/1/2017 1:45	2605500	69.216	16.804	155.915	37860.75	44887.75	29.174	30523.672	26.413	1.021
10/1/2017 2:00	2606400	69.211	16.816	155.904	37839.238	44850.297	29.147	30498.205	26.428	1.021
10/1/2017 2:15	2607300	69.205	16.816	155.89	37853.922	44867.609	29.16	30509.975	26.417	1.021
10/1/2017 2:30	2608200	69.203	16.811	155.887	37834.207	44849.059	29.146	30497.359	26.431	1.021
10/1/2017 2:45	2609100	69.201	16.8	155.882	37839.953	44866.922	29.159	30509.51	26.427	1.021
10/1/2017 3:00	2610000	69.211	16.8	155.904	37841.289	44868.328	29.16	30510.463	26.426	1.021
10/1/2017 3:15	2610900	69.193	16.808	155.865	37862.871	44886.336	29.173	30522.711	26.411	1.021
10/1/2017 3:30	2611800	69.208	16.816	155.899	37833.082	44842.203	29.142	30492.701	26.432	1.021
10/1/2017 3:45	2612700	69.187	16.808	155.85	37813.98	44827.84	29.131	30482.934	26.445	1.021
10/1/2017 4:00	2613600	69.2	16.804	155.88	37831.402	44853.035	29.149	30500.066	26.433	1.021
10/1/2017 4:15	2614500	69.192	16.814	155.862	37849.816	44864.074	29.157	30507.572	26.42	1.021
10/1/2017 4:30	2615400	69.191	16.811	155.86	37819.945	44832.418	29.134	30486.045	26.441	1.021
10/1/2017 4:45	2616300	69.179	16.801	155.833	37833.59	44858.387	29.152	30503.703	26.432	1.021
10/1/2017 5:00	2617200	69.172	16.807	155.817	37860.086	44883.387	29.171	30520.705	26.413	1.021
10/1/2017 5:15	2618100	69.172	16.797	155.816	37837.59	44866.789	29.158	30509.416	26.429	1.021
10/1/2017 5:30	2619000	69.171	16.803	155.815	37832.602	44855.711	29.151	30501.885	26.432	1.021
10/1/2017 5:45	2619900	69.174	16.811	155.822	37852	44869.793	29.161	30511.461	26.419	1.021
10/1/2017 6:00	2620800	69.17	16.807	155.813	37844.637	44865.25	29.158	30508.373	26.424	1.021
10/1/2017 6:15	2621700	69.166	16.808	155.804	37820.855	44835.906	29.137	30488.416	26.44	1.021
10/1/2017 6:30	2622600	69.182	16.825	155.838	37868.207	44875.363	29.166	30515.25	26.407	1.021
10/1/2017 6:45	2623500	69.188	16.799	155.853	37858.223	44889.375	29.175	30524.777	26.414	1.021
10/1/2017 7:00	2624400	69.17	16.809	155.812	37801.871	44812.418	29.12	30472.447	26.454	1.021
10/1/2017 7:15	2625300	69.189	16.8	155.856	37835.953	44862.535	29.156	30506.525	26.43	1.021
10/1/2017 7:30	2626200	69.192	16.802	155.862	37826.199	44848.566	29.145	30497.027	26.437	1.021
10/1/2017 7:45	2627100	69.176	16.811	155.825	37841.102	44857.141	29.152	30502.857	26.426	1.021
10/1/2017 8:00	2628000	69.18	16.814	155.836	37838.734	44851.211	29.148	30498.824	26.428	1.021
10/1/2017 8:15	2628900	69.181	16.804	155.837	37834.344	44856.621	29.151	30502.504	26.431	1.021
10/1/2017 8:30	2629800	69.187	16.807	155.851	37823.199	44840.191	29.14	30491.332	26.439	1.021
10/1/2017 8:45	2630700	69.19	16.804	155.857	37821.875	44841.559	29.14	30492.262	26.44	1.021
10/1/2017 9:00	2631600	69.191	16.803	155.86	37860.75	44888.191	29.174	30523.971	26.413	1.021
10/1/2017 9:15	2632500	69.193	16.808	155.864	37844.066	44863.855	29.157	30507.424	26.424	1.021
10/1/2017 9:30	2633400	69.196	16.815	155.87	37823.273	44831.637	29.134	30485.516	26.439	1.021
10/1/2017 9:45	2634300	69.198	16.802	155.875	37846.656	44873.172	29.163	30513.76	26.422	1.021
10/1/2017 10:00	2635200	69.2	16.807	155.881	37854.395	44877.273	29.166	30516.549	26.417	1.021
10/1/2017 10:15	2636100	69.209	16.806	155.9	37843.563	44865.039	29.158	30508.229	26.425	1.021
10/1/2017 10:30	2637000	69.224	16.811	155.934	37835.148	44849.82	29.147	30497.881	26.43	1.021
10/1/2017 10:45	2637900	69.226	16.81	155.939	37833.961	44850.016	29.147	30498.012	26.431	1.021
10/1/2017 11:00	2638800	69.228	16.814	155.944	37826.043	44836.27	29.137	30488.664	26.437	1.021
10/1/2017 11:15	2639700	69.221	16.803	155.927	37856.137	44883.434	29.171	30520.736	26.416	1.021
10/1/2017 11:30	2640600	69.238	16.806	155.966	37824.848	44843.133	29.142	30493.332	26.438	1.021
10/1/2017 11:45	2641500	69.237	16.814	155.963	37867.887	44885.945	29.173	30522.445	26.408	1.021
10/1/2017 12:00	2642400	69.237	16.811	155.963	37826.184	44839.191	29.139	30490.652	26.437	1.021
10/1/2017 12:15	2643300	69.224	16.806	155.935	37846.852	44869.219	29.161	30511.07	26.422	1.021
10/1/2017 12:30	2644200	69.229	16.81	155.945	37859.297	44879.957	29.169	30518.373	26.414	1.021
10/1/2017 12:45	2645100	69.242	16.805	155.974	37816.609	44833.984	29.135	30487.109	26.443	1.021
10/1/2017 13:00	2646000	69.226	16.808	155.939	37854.648	44876.766	29.166	30516.203	26.417	1.021
10/1/2017 13:15	2646900	69.244	16.812	155.979	37825.664	44838.211	29.138	30489.986	26.437	1.021
10/1/2017 13:30	2647800	69.232	16.801	155.952	37846.563	44873.512	29.163	30513.99	26.422	1.021
10/1/2017 13:45	2648700	69.23	16.815	155.948	37881.543	44901.504	29.184	30533.025	26.398	1.021
10/1/2017 14:00	2649600	69.23	16.8	155.947	37835.668	44861.844	29.155	30506.057	26.43	1.021
10/1/2017 14:15	2650500	69.243	16.804	155.976	37831.156	44853.012	29.149	30500.049	26.433	1.021
10/1/2017 14:30	2651400	69.229	16.8	155.945	37838.012	44864.441	29.157	30507.822	26.428	1.021
10/1/2017 14:45	2652300	69.232	16.799	155.952	37864.926	44898.047	29.181	30530.674	26.41	1.021
10/1/2017 15:00	2653200	69.233	16.803	155.954	37838.449	44862.277	29.155	30506.352	26.428	1.021
10/1/2017 15:15	2654100	69.248	16.812	155.989	37868.742	44889.277	29.175	30524.709	26.407	1.021
10/1/2017 15:30	2655000	69.251	16.796	155.994	37875.387	44913.219	29.192	30540.988	26.402	1.021
10/1/2017 15:45	2655900	69.25	16.807	155.992	37848.176	44869.719	29.161	30511.41	26.421	1.021
10/1/2017 16:00	2656800	69.236	16.813	155.961	37859.734	44877.715	29.167	30516.848	26.413	1.021
10/1/2017 16:15	2657700	69.234	16.81	155.957	37853.164	44872.059	29.163	30513.002	26.418	1.021
10/1/2017 16:30	2658600	69.251	16.811	155.995	37840.379	44856.02	29.151	30502.094	26.427	1.021
10/1/2017 16:45	2659500	69.233	16.807	155.955	37864.066	44889	29.175	30524.521	26.41	1.021
10/1/2017 17:00	2660400	69.241	16.802	155.972	37843.727	44869.793	29.161	30511.461	26.424	1.021
10/1/2017 17:15	2661300	69.243	16.808	155.976	37837.188	44855.98	29.151	30502.068	26.429	1.021
10/1/2017 17:30	2662200	69.244	16.802	155.978	37816.965	44837.703	29.138	30489.639	26.443	1.021
10/1/2017 17:45	2663100	69.245	16.817	155.98	37831.852	44840.473	29.14	30491.523	26.433	1.021
10/1/2017 18:00	2664000	69.261	16.804	156.017	37856.859	44884.641	29.1			

10/2/2017 17:00	2746800	69.317	16.798	156.143	37836.641	44864.688	29.157	30507.99	26.429	1.021
10/2/2017 17:15	2747700	69.316	16.811	156.142	37836.043	44850.879	29.148	30498.6	26.43	1.021
10/2/2017 17:30	2748600	69.313	16.806	156.135	37814.148	44830.445	29.133	30484.705	26.445	1.021
10/2/2017 17:45	2749500	69.312	16.806	156.132	37871	44897.848	29.181	30530.539	26.405	1.021
10/2/2017 18:00	2750400	69.319	16.808	156.148	37821.363	44837.129	29.137	30489.25	26.44	1.021
10/2/2017 18:15	2751300	69.335	16.807	156.184	37851.143	44873.66	29.164	30514.092	26.419	1.021
10/2/2017 18:30	2752200	69.336	16.805	156.187	37823.602	44842.895	29.141	30493.17	26.439	1.021
10/2/2017 18:45	2753100	69.337	16.811	156.188	37831.242	44845.453	29.144	30494.91	26.433	1.021
10/2/2017 19:00	2754000	69.338	16.811	156.191	37817.965	44829.449	29.132	30484.025	26.442	1.021
10/2/2017 19:15	2754900	69.327	16.799	156.165	37829.129	44854.98	29.135	30501.389	26.435	1.021
10/2/2017 19:30	2755800	69.342	16.804	156.199	37833.797	44855.523	29.151	30501.756	26.431	1.021
10/2/2017 19:45	2756700	69.344	16.8	156.204	37801.359	44821.609	29.126	30478.697	26.454	1.021
10/2/2017 20:00	2757600	69.332	16.806	156.176	37810.156	44825.359	29.129	30481.244	26.448	1.021
10/2/2017 20:15	2758500	69.338	16.809	156.192	37842.738	44861.402	29.155	30505.754	26.425	1.021
10/2/2017 20:30	2759400	69.339	16.797	156.194	37809.008	44833.617	29.134	30486.859	26.449	1.021
10/2/2017 20:45	2760300	69.337	16.816	156.189	37822.156	44829.434	29.132	30484.016	26.44	1.021
10/2/2017 21:00	2761200	69.36	16.8	156.239	37822.754	44846.164	29.144	30495.395	26.439	1.021
10/2/2017 21:15	2762100	69.348	16.803	156.212	37801.367	44817.871	29.123	30476.154	26.454	1.021
10/2/2017 21:30	2763000	69.351	16.809	156.22	37817.855	44831.457	29.133	30485.393	26.443	1.021
10/2/2017 21:45	2763900	69.352	16.804	156.223	37789.367	44803.016	29.113	30466.053	26.462	1.021
10/2/2017 22:00	2764800	69.373	16.802	156.269	37838.383	44862.734	29.156	30506.662	26.428	1.021
10/2/2017 22:15	2765700	69.359	16.815	156.239	37856.578	44871.656	29.163	30512.729	26.415	1.021
10/2/2017 22:30	2766600	69.374	16.812	156.272	37844.102	44860.066	29.154	30504.846	26.424	1.021
10/2/2017 22:45	2767500	69.378	16.808	156.281	37844.004	44864.059	29.157	30507.563	26.424	1.021
10/2/2017 23:00	2768400	69.368	16.795	156.259	37808.723	44834.965	29.135	30487.779	26.449	1.021
10/2/2017 23:15	2769300	69.366	16.812	156.254	37845.016	44860.887	29.155	30505.404	26.424	1.021
10/2/2017 23:30	2770200	69.368	16.802	156.258	37806.531	44825.25	29.129	30481.17	26.45	1.021
10/2/2017 23:45	2771100	69.369	16.803	156.26	37825.465	44846.543	29.144	30495.65	26.437	1.021
10/3/2017 0:00	2772000	69.385	16.799	156.297	37822.871	44847.457	29.144	30496.273	26.439	1.021
10/3/2017 0:15	2772900	69.374	16.792	156.273	37805.191	44833.902	29.134	30487.057	26.451	1.021
10/3/2017 0:30	2773800	69.368	16.806	156.259	37797.199	44810.625	29.118	30471.227	26.457	1.021
10/3/2017 0:45	2774700	69.383	16.809	156.291	37815.926	44829.172	29.132	30483.84	26.444	1.021
10/3/2017 1:00	2775600	69.379	16.805	156.284	37811.551	44828.52	29.131	30483.396	26.447	1.021
10/3/2017 1:15	2776500	69.379	16.806	156.284	37818.336	44835.32	29.136	30488.02	26.442	1.021
10/3/2017 1:30	2777400	69.364	16.807	156.248	37827.957	44845.203	29.143	30494.74	26.435	1.021
10/3/2017 1:45	2778300	69.362	16.806	156.245	37828.398	44847.426	29.145	30496.252	26.435	1.021
10/3/2017 2:00	2779200	69.377	16.803	156.278	37809.184	44827.945	29.131	30483.006	26.449	1.021
10/3/2017 2:15	2780100	69.355	16.8	156.228	37812.117	44834.363	29.135	30487.369	26.447	1.021
10/3/2017 2:30	2781000	69.368	16.811	156.259	37828.203	44841.492	29.141	30492.217	26.435	1.021
10/3/2017 2:45	2781900	69.351	16.807	156.22	37812.547	44827.828	29.131	30482.926	26.446	1.021
10/3/2017 3:00	2782800	69.345	16.801	156.207	37827.176	44850.965	29.147	30498.656	26.436	1.021
10/3/2017 3:15	2783700	69.343	16.81	156.202	37828.969	44844.004	29.143	30493.926	26.435	1.021
10/3/2017 3:30	2784600	69.338	16.799	156.19	37827.324	44853.555	29.149	30500.42	26.436	1.021
10/3/2017 3:45	2785500	69.333	16.804	156.18	37845.645	44869.301	29.161	30511.125	26.423	1.021
10/3/2017 4:00	2786400	69.329	16.798	156.171	37816.988	44842.188	29.141	30492.689	26.443	1.021
10/3/2017 4:15	2787300	69.327	16.806	156.165	37819.996	44837.652	29.138	30489.605	26.441	1.021
10/3/2017 4:30	2788200	69.32	16.807	156.15	37830.355	44848.676	29.146	30497.102	26.434	1.021
10/3/2017 4:45	2789100	69.319	16.812	156.148	37832.949	44846.488	29.144	30495.615	26.432	1.021
10/3/2017 5:00	2790000	69.321	16.809	156.152	37839.613	44857.598	29.152	30503.168	26.427	1.021
10/3/2017 5:15	2790900	69.328	16.809	156.168	37829.504	44845.594	29.144	30495.004	26.435	1.021
10/3/2017 5:30	2791800	69.326	16.803	156.164	37818.27	44838.184	29.138	30489.965	26.442	1.021
10/3/2017 5:45	2792700	69.307	16.818	156.121	37831.406	44838.344	29.139	30490.076	26.433	1.021
10/3/2017 6:00	2793600	69.305	16.805	156.116	37820.484	44839.281	29.139	30490.713	26.441	1.021
10/3/2017 6:15	2794500	69.305	16.806	156.115	37827.93	44846.691	29.144	30495.752	26.435	1.021
10/3/2017 6:30	2795400	69.323	16.807	156.156	37810.039	44823.961	29.128	30480.295	26.448	1.021
10/3/2017 6:45	2796300	69.306	16.804	156.119	37817.473	44836.34	29.137	30488.713	26.443	1.021
10/3/2017 7:00	2797200	69.3	16.809	156.106	37837.977	44855.129	29.151	30501.49	26.428	1.021
10/3/2017 7:15	2798100	69.303	16.81	156.113	37849.945	44869.141	29.161	30511.018	26.42	1.021
10/3/2017 7:30	2799000	69.321	16.807	156.152	37805.57	44818.758	29.124	30476.758	26.451	1.021
10/3/2017 7:45	2799900	69.316	16.813	156.141	37827.078	44838.828	29.139	30490.406	26.436	1.021
10/3/2017 8:00	2800800	69.321	16.803	156.153	37807.629	44825.297	29.129	30481.205	26.45	1.021
10/3/2017 8:15	2801700	69.304	16.815	156.114	37837.887	44849.316	29.147	30497.535	26.429	1.021
10/3/2017 8:30	2802600	69.312	16.81	156.131	37834.465	44850.699	29.147	30498.479	26.431	1.021
10/3/2017 8:45	2803500	69.318	16.803	156.145	37841.535	44865.938	29.158	30508.838	26.426	1.021
10/3/2017 9:00	2804400	69.317	16.807	156.144	37804.199	44817.934	29.124	30476.195	26.452	1.021
10/3/2017 9:15	2805300	69.315	16.803	156.14	37822.973	44844.016	29.142	30493.934	26.439	1.021
10/3/2017 9:30	2806200	69.323	16.807	156.157	37813.688	44828.383	29.131	30483.303	26.445	1.021
10/3/2017 9:45	2807100	69.326	16.797	156.163	37820.918	44847.297	29.144	30496.164	26.44	1.021
10/3/2017 10:00	2808000	69.342	16.806	156.2	37842.234	44863.828	29.157	30507.406	26.426	1.021
10/3/2017 10:15	2808900	69.344	16.806	156.205	37819.719	44837.398	29.138	30489.434	26.441	1.021
10/3/2017 10:30	2809800	69.344	16.812	156.205	37846.625	44862.523	29.156	30506.518	26.422	1.021
10/3/2017 10:45	2810700	69.336	16.807	156.186	37816.32	44831.953	29.134	30485.729	26.444	1.021
10/3/2017 11:00	2811600	69.355	16.812	156.23	37847.863	44864.348	29.157	30507.758	26.422	1.021
10/3/2017 11:15	2812500	69.345	16.801	156.207	37832.723	44857.102	29.152	30502.832	26.432	1.021
10/3/2017 11:30	2813400	69.361	16.808	156.242	37845.043	44865.379	29.158	30508.459	26.424	1.021
10/3/2017 11:45	2814300	69.343	16.809	156.202	37848.645	44867.777	29.16	30510.092	26.421	1.021
10/3/2017 12:00	2815200	69.351	16.802	156.22	37818.047	44838.902	29.138	30490.453	26.442	1.021
10/3/2017 12:15	2816100	69.35	16.823	156.217	37846.695	44851.566	29.149	30499.066	26.422	1.021
10/3/2017 12:30	2817000	69.351	16.811	156.221	37855.57	44874.117	29.164	30514.402	26.416	1.021
10/3/2017 12:45	2817900	69.372	16.804	156.268	37810.41	44827.441	29.131	30482.662	26.448	1.021
10/3/2017 13:00	2818800	69.371	16.81	156.264	37839.234	44855.723	29.151	30501.895	26.428	1.021
10/3/2017 13:15	2819700	69.359	16.804	156.238	37828.02	44848.844	29.146	30497.217	26.435	1.021
10/3/2017 13:30	2820600	69.371	16.809	156.264	37830.52	44846.918	29.145	30495.904	26.434	1.021
10/3/2017 13:45	2821500	69.371	16.814	156.264	37841.797	44855.375	29.151	30501.658	26.426	1.021
10/3/2017 14:00	2822400	69.356	16.808	156.232	37846	44866.246	29.158	30509.049	26.423	1.021
10/3/2017 14:15	2823300	69.371	16.804	156.266	37835.316	44857.676	29.152	30503.221	26.43	1.021
10/3/2017 14:30	2824200	69.356	16.805	156.231	37822.828					

10/4/2017 13:30	2907000	69.361	16.81	156.243	37816.977	44829.879	29.132	30484.32	26.443	1.021
10/4/2017 13:45	2907900	69.359	16.804	156.239	37814.672	44832.578	29.134	30486.156	26.445	1.021
10/4/2017 14:00	2908800	69.361	16.796	156.243	37786.871	44808.527	29.116	30469.801	26.464	1.021
10/4/2017 14:15	2909700	69.355	16.806	156.23	37825.406	44843.703	29.142	30493.721	26.437	1.021
10/4/2017 14:30	2910600	69.373	16.811	156.27	37830.59	44844.941	29.143	30494.563	26.434	1.021
10/4/2017 14:45	2911500	69.354	16.808	156.226	37844.195	44863.574	29.157	30507.232	26.424	1.021
10/4/2017 15:00	2912400	69.355	16.805	156.23	37841.477	44863.645	29.156	30507.281	26.426	1.021
10/4/2017 15:15	2913300	69.35	16.807	156.217	37829.098	44846.914	29.144	30495.902	26.435	1.021
10/4/2017 15:30	2914200	69.349	16.817	156.215	37828.188	44835.953	29.137	30488.451	26.435	1.021
10/4/2017 15:45	2915100	69.349	16.807	156.215	37809.996	44824.641	29.128	30480.756	26.448	1.021
10/4/2017 16:00	2916000	69.358	16.802	156.237	37836.895	44861.777	29.155	30506.012	26.429	1.021
10/4/2017 16:15	2916900	69.347	16.8	156.21	37832.406	44858.512	29.152	30503.789	26.432	1.021
10/4/2017 16:30	2917800	69.342	16.807	156.199	37807.652	44821.863	29.126	30478.869	26.45	1.021
10/4/2017 16:45	2918700	69.357	16.808	156.235	37828.051	44844.867	29.143	30494.51	26.435	1.021
10/4/2017 17:00	2919600	69.354	16.811	156.227	37833.395	44847.832	29.145	30496.527	26.432	1.021
10/4/2017 17:15	2920500	69.333	16.818	156.179	37839.457	44847.887	29.146	30496.564	26.427	1.021
10/4/2017 17:30	2921400	69.33	16.808	156.173	37833.391	44851.297	29.148	30498.885	26.432	1.021
10/4/2017 17:45	2922300	69.342	16.811	156.2	37815.871	44827.324	29.131	30482.582	26.444	1.021
10/4/2017 18:00	2923200	69.325	16.805	156.16	37841.566	44863.402	29.156	30507.115	26.426	1.021
10/4/2017 18:15	2924100	69.324	16.799	156.159	37827.113	44852.863	29.148	30499.949	26.436	1.021
10/4/2017 18:30	2925000	69.323	16.801	156.157	37812.668	44834.129	29.135	30487.209	26.446	1.021
10/4/2017 18:45	2925900	69.334	16.806	156.182	37800.125	44814.094	29.121	30473.586	26.455	1.021
10/4/2017 19:00	2926800	69.321	16.806	156.152	37817.672	44834.176	29.135	30487.242	26.443	1.021
10/4/2017 19:15	2927700	69.336	16.8	156.187	37799.297	44818.98	29.124	30476.908	26.456	1.021
10/4/2017 19:30	2928600	69.331	16.812	156.175	37824.262	44836.641	29.137	30488.918	26.438	1.021
10/4/2017 19:45	2929500	69.32	16.799	156.151	37806.527	44828.004	29.13	30483.043	26.45	1.021
10/4/2017 20:00	2930400	69.335	16.804	156.185	37844.984	44868.516	29.16	30510.594	26.424	1.021
10/4/2017 20:15	2931300	69.322	16.802	156.154	37803.418	44822	29.126	30478.963	26.453	1.021
10/4/2017 20:30	2932200	69.318	16.811	156.145	37834.25	44849.281	29.146	30497.514	26.431	1.021
10/4/2017 20:45	2933100	69.323	16.797	156.157	37812.609	44837.168	29.137	30489.277	26.446	1.021
10/4/2017 21:00	2934000	69.328	16.799	156.167	37829.215	44854.809	29.15	30501.27	26.435	1.021
10/4/2017 21:15	2934900	69.328	16.803	156.167	37828.43	44850.766	29.147	30498.523	26.435	1.021
10/4/2017 21:30	2935800	69.343	16.811	156.201	37832.309	44847.074	29.145	30496.014	26.432	1.021
10/4/2017 21:45	2936700	69.346	16.8	156.208	37811.887	44833.383	29.134	30486.701	26.447	1.021
10/4/2017 22:00	2937600	69.335	16.802	156.183	37819.641	44841.141	29.14	30491.979	26.441	1.021
10/4/2017 22:15	2938500	69.337	16.791	156.189	37783.672	44809.629	29.117	30470.551	26.466	1.021
10/4/2017 22:30	2939400	69.342	16.8	156.199	37815.641	44838.281	29.138	30490.031	26.444	1.021
10/4/2017 22:45	2940300	69.343	16.813	156.202	37832.668	44845.004	29.143	30494.604	26.432	1.021
10/4/2017 23:00	2941200	69.364	16.799	156.248	37790.125	44808.629	29.116	30469.867	26.462	1.021
10/4/2017 23:15	2942100	69.349	16.809	156.215	37832.691	44849.309	29.146	30497.529	26.432	1.021
10/4/2017 23:30	2943000	69.369	16.807	156.26	37830.797	44849.031	29.146	30497.344	26.433	1.021
10/4/2017 23:45	2943900	69.356	16.809	156.231	37814.305	44827.25	29.13	30482.533	26.445	1.021

Report Date:	10/9/2017 9:52										
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_2017-10-05_14-09-01-818-BaroMerge.wsl										
Create Date	10/9/2017 9:46										
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 Even1 (Modbus-RTU)								
Used Memory	4										
Used Battery	9										
Log Configuration											
Log Name	MPWSP MW-95 LT Test										
Created By	Skuiper										
Computer Name	PROBOOK8										
Application	WinSitu.exe										
Application Version	5.6.25.0										
Create Date	8/17/2016 12:56:58 PM Pacific Daylight Time										
Log Setup Time Zone	Pacific Daylight Time										
Notes Size(bytes)	4096										
Overwrite when full	Enabled										
Scheduled Start Time	8/17/2016 1:30:00 PM Pacific Daylight Time										
Scheduled Stop Time	No Stop Time										
Type	Linear										
Interval	Days: 0 hrs: 00 mins: 15 secs: 00										
Level Reference Settings At Log Creation											
Level Measurement Mode	Depth										
Specific Gravity	1.012										
Other Log Settings											
Depth of Probe:	33.4077 (ft)										
Head Pressure:	14.6569 (PSI)										
Temperature:	21.7578 (C)										
Specific Conductivity Model:	Standard Methods										
Reference Temperature:	25										
Temperature Coefficient:	0.0191										
TDS Factor:	0.68										
Log Notes:											
Date and Time	Note										
8/17/2016 12:56	Used Battery: 9% Used Memory: 7% User Name: Skuiper										
8/18/2016 15:22	Log Download - Used Battery: 9% Used Memory: 7% User Name: Skuiper Interval - Start Time: 8/10/2016 10:30:00 PM Stop Time: 8/18/2016 4:15:00 PM										
8/25/2016 11:48	Log Download - Used Battery: 9% Used Memory: 7% User Name: Elinden Interval - Start Time: 8/17/2016 10:00:00 PM Stop Time: 8/25/2016 12:45:00 PM										
9/1/2016 15:53	Log Download - Used Battery: 10% Used Memory: 9% User Name: skuiper Interval - Start Time: 7/31/2016 1:30:00 PM Stop Time: 9/1/2016 3:45:00 PM										
9/8/2016 18:09	Log Download - Used Battery: 10% Used Memory: 9% User Name: Skuiper Interval - Start Time: 8/31/2016 10:00:00 PM Stop Time: 9/8/2016 6:00:00 PM										
9/15/2016 14:41	Log Download - Used Battery: 10% Used Memory: 10% User Name: ANorris Interval - Start Time: 9/7/2016 10:00:00 PM Stop Time: 9/15/2016 3:30:00 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: 1/11/2017 10:00:00 PM Stop Time: 1/19/2017 1:30:00 PM										
1/26/2017 9:31	Log Download - Used Battery: 17% Used Memory: 26% User Name: Skuiper Interval - Start Time: 1/18/2017 10:00:00 PM Stop Time: 1/26/2017 9:30:00 AM										
2/2/2017 15:32	Log Download - Used Battery: 18% Used Memory: 26% User Name: WMassoll Interval - Start Time: 12/31/2016 10:00:00 PM Stop Time: 2/2/2017 3:30:00 PM										
2/9/2017 12:38	Log Download - Used Battery: 18% Used Memory: 28% User Name: EHernandez Interval - Start Time: 2/1/2017 12:00:00 AM Stop Time: 2/9/2017 1:30:00 PM										
2/16/2017 12:15	Log Download - Used Battery: 18% Used Memory: 28% User Name: WMassoll Interval - Start Time: 2/8/2017 10:00:00 PM Stop Time: 2/16/2017 1:00:00 PM										
2/23/2017 11:00	Log Download - Used Battery: 19% Used Memory: 29% User Name: EHernandez Interval - Start Time: 2/15/2017 12:00:00 AM Stop Time: 2/23/2017 11:45:00 AM										
3/2/2017 15:49	Log Download - Used Battery: 19% Used Memory: 29% User Name: Skuiper Interval - Start Time: 1/31/2017 10:00:00 PM Stop Time: 3/2/2017 3:45:00 PM										
3/9/2017 12:39	Log Download - Used Battery: 19% Used Memory: 31% User Name: WMassoll Interval - Start Time: 3/1/2017 11:30:00 PM Stop Time: 3/9/2017 1:30:00 PM										
3/16/2017 16:23	Log Download - Used Battery: 20% Used Memory: 31% User Name: WMassoll Interval - Start Time: 3/8/2017 10:00:00 PM Stop Time: 3/16/2017 4:30:00 PM										
3/23/2017 14:06	Log Download - Used Battery: 20% Used Memory: 32% User Name: AVanHaitsma Interval - Start Time: 3/15/2017 10:00:00 PM Stop Time: 3/23/2017 3:00:00 PM										
3/30/2017 12:15	Log Download - Used Battery: 20% Used Memory: 32% User Name: AVanHaitsma Interval - Start Time: 3/22/2017 10:00:00 PM Stop Time: 3/30/2017 1:15:00 PM										
4/6/2017 13:28	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: 27% 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										
10/9/2017 9:46	User Note: "Pressure & Level adjusted by baro data from: "MPWSP Barotroll_2017-10-05_19-08-59-078.wsl""										
Log Data:											
Record Count	3328										
Sensors											
	2										
	1										
	427634 PCTD 100 PSIA (60.1m/197.3ft)										
	2										
	0 Baro-Adjustment Calc										
Time Zone: Pacific Daylight 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: Baro-Adj Calc											
SNR: 000000											
Date and Time	Elapsed Time Seconds	Corrected Pressure (PSI)	Temperature (C)	Depth (ft)	Actual Conductivity (µS/cm)	Specific Conductivity (µS/cm)	Salinity (PSU)	Total Dissolved Solids (ppt)	Resistivity (ohm-cm)	Water Density (g/cm3)	Barometric Pressure (PSI)
9/28/2017 0:00	2340000	25.429	16.911	57.96	4095.847	4844.304	2.619	3.294	244.15	1.001	14.692
9/28/2017 0:15	2340900	25.424	16.911	57.949	4095.248	4843.632	2.619	3.294	244.185	1.001	14.693
9/28/2017 0:30	2341800	25.422	16.911	57.945	4095.126	4843.479	2.618	3.294	244.193	1.001	14.699
9/28/2017 0:45	2342700	25.423	16.91	57.947	4095.905	4844.48	2.619	3.294	244.146	1.001	14.694
9/28/2017 1:00	2343600	25.423	16.911	57.947	4095.405	4843.81	2.619	3.294	244.176	1.001	14.694
9/28/2017 1:15	2344500	25.42	16.911	57.94	4095.697	4844.145	2.619	3.294	244.159	1.001	14.695
9/28/2017 1:30	2345400	25.427	16.911	57.955	4095.99	4844.463	2.619	3.294	244.141	1.001	14.692
9/28/2017 1:45	2346300	25.43	16.911	57.964	4095.084	4843.411	2.618	3.294	244.195	1.001	14.687
9/28/2017 2:00	2347200	25.431	16.911	57.966	4093.637	4841.788	2.617	3.292	244.282	1.001	14.683
9/28/2017 2:15	2348100	25.426	16.911	57.964	4092.067	4839.873	2.616	3.291	244.375	1.001	14.686
9/28/2017 2:30	2349000	25.421	16.911	57.943	4089.174	4836.44	2.614	3.289	244.548	1.001	14.693
9/28/2017 2:45	2349900	25.426	16.91	57.953	4089.322	4836.663	2.615	3.289	244.539	1.001	14.688
9/28/2017 3:00	2350800	25.429	16.91	57.96	4089.978	4837.438	2.615	3.289	244.5	1.001	14.693
9/28/2017 3:15	2351700	25.424	16.911	57.949	4089.665	4837.011	2.615	3.289	244.519	1.001	14.688
9/28/2017 3:30	2352600	25.426	16.911	57.953	4089.182	4836.459	2.614	3.289	244.548	1.001	14.686
9/28/2017 3:45	2353500	25.429	16.911	57.961	4086.912	4836.9	2.615	3.289	244.523	1.001	14.684
9/28/2017 4:00	2354400	25.425	16.911	57.952	4089.397	4836.646	2.615	3.289	244.535	1.001	14.691
9/28/2017 4:15	2355300	25.426	16.911	57.954	4089.068	4836.304	2.614	3.289	244.555	1.001	14.69
9/28/2017 4:30	2356200	25.422	16.91	57.944	4088.474	4835.631	2.614	3.288	244.59	1.001	14.692
9/28/2017 4:45	2357100	25.425	16.911	57.951	4088.948	4836.173	2.614	3.289	244.562	1.001	14.694
9/28/2017 5:00	2358000	25.419	16.911	57.937	4086.305	4833.818	2.614	3.289	244.679	1.001	14.701
9/28/2017 5:15	2358900	25.417	16.9								

9/28/2017 18:15	2405700	25.42	16.911	57.939	4087.953	4834.948	2.614	3.288	244.621	1.001	14.693
9/28/2017 18:30	2406600	25.421	16.911	57.942	4088.332	4835.396	2.614	3.288	244.599	1.001	14.694
9/28/2017 18:45	2407500	25.419	16.911	57.937	4088.24	4835.239	2.614	3.288	244.604	1.001	14.699
9/28/2017 19:00	2408400	25.418	16.911	57.936	4087.813	4834.801	2.613	3.288	244.63	1.001	14.696
9/28/2017 19:15	2409300	25.421	16.911	57.941	4087.301	4834.187	2.613	3.287	244.66	1.001	14.697
9/28/2017 19:30	2410200	25.424	16.911	57.948	4086.984	4833.82	2.613	3.287	244.679	1.001	14.699
9/28/2017 19:45	2411100	25.417	16.911	57.934	4087.609	4834.56	2.613	3.286	244.62	1.001	14.698
9/28/2017 20:00	2412000	25.422	16.912	57.944	4088.448	4835.477	2.614	3.288	244.592	1.001	14.7
9/28/2017 20:15	2412900	25.423	16.911	57.947	4088.031	4835.011	2.614	3.288	244.617	1.001	14.695
9/28/2017 20:30	2413800	25.415	16.911	57.929	4086.99	4833.857	2.613	3.287	244.679	1.001	14.702
9/28/2017 20:45	2414700	25.419	16.911	57.938	4087.771	4834.733	2.613	3.288	244.632	1.001	14.701
9/28/2017 21:00	2415600	25.419	16.911	57.937	4087.465	4834.645	2.613	3.288	244.638	1.001	14.707
9/28/2017 21:15	2416500	25.415	16.911	57.929	4086.784	4833.604	2.613	3.287	244.691	1.001	14.705
9/28/2017 21:30	2417400	25.422	16.911	57.944	4087.776	4834.776	2.613	3.288	244.632	1.001	14.705
9/28/2017 21:45	2418300	25.415	16.911	57.93	4087.329	4834.19	2.613	3.287	244.659	1.001	14.707
9/28/2017 22:00	2419200	25.415	16.911	57.928	4087.231	4834.056	2.613	3.287	244.664	1.001	14.704
9/28/2017 22:15	2420100	25.424	16.911	57.949	4087.126	4834.018	2.613	3.287	244.671	1.001	14.701
9/28/2017 22:30	2421000	25.42	16.91	57.939	4087.6	4834.597	2.613	3.288	244.642	1.001	14.706
9/28/2017 22:45	2421900	25.427	16.911	57.955	4087.718	4834.661	2.613	3.288	244.635	1.001	14.708
9/28/2017 23:00	2422800	25.417	16.911	57.933	4088.506	4835.563	2.614	3.288	244.588	1.001	14.709
9/28/2017 23:15	2423700	25.42	16.911	57.94	4087.092	4833.938	2.613	3.287	244.673	1.001	14.71
9/28/2017 23:30	2424600	25.414	16.911	57.926	4087.027	4833.862	2.613	3.287	244.677	1.001	14.71
9/28/2017 23:45	2425500	25.415	16.911	57.928	4087.46	4834.402	2.613	3.287	244.651	1.001	14.714
9/29/2017 0:00	2426400	25.42	16.911	57.94	4087.696	4834.595	2.613	3.288	244.637	1.001	14.713
9/29/2017 0:15	2427300	25.419	16.911	57.937	4088.066	4835.12	2.614	3.288	244.614	1.001	14.715
9/29/2017 0:30	2428200	25.422	16.911	57.944	4087.839	4834.803	2.613	3.288	244.628	1.001	14.705
9/29/2017 0:45	2429100	25.428	16.911	57.958	4087.33	4834.22	2.613	3.287	244.659	1.001	14.708
9/29/2017 1:00	2430000	25.413	16.911	57.925	4088.432	4835.477	2.614	3.288	244.593	1.001	14.717
9/29/2017 1:15	2430900	25.422	16.911	57.945	4087.501	4834.451	2.613	3.287	244.648	1.001	14.71
9/29/2017 1:30	2431800	25.417	16.911	57.933	4088.477	4835.606	2.614	3.288	244.59	1.001	14.714
9/29/2017 1:45	2432700	25.42	16.912	57.941	4088.567	4835.607	2.614	3.288	244.584	1.001	14.712
9/29/2017 2:00	2433600	25.418	16.911	57.935	4088.568	4835.657	2.614	3.288	244.584	1.001	14.714
9/29/2017 2:15	2434500	25.426	16.911	57.953	4088.656	4835.798	2.614	3.288	244.579	1.001	14.711
9/29/2017 2:30	2435400	25.422	16.911	57.943	4088.344	4835.419	2.614	3.288	244.598	1.001	14.709
9/29/2017 2:45	2436300	25.424	16.911	57.95	4088.722	4835.829	2.614	3.288	244.575	1.001	14.713
9/29/2017 3:00	2437200	25.422	16.911	57.946	4089.228	4836.417	2.614	3.289	244.545	1.001	14.709
9/29/2017 3:15	2438100	25.421	16.911	57.942	4088.671	4835.784	2.614	3.288	244.578	1.001	14.72
9/29/2017 3:30	2439000	25.419	16.911	57.937	4089.217	4836.414	2.614	3.289	244.546	1.001	14.716
9/29/2017 3:45	2439900	25.422	16.911	57.945	4089.26	4836.495	2.614	3.289	244.543	1.001	14.713
9/29/2017 4:00	2440800	25.423	16.911	57.947	4089.211	4836.445	2.614	3.289	244.546	1.001	14.712
9/29/2017 4:15	2441700	25.418	16.912	57.935	4088.998	4836.127	2.614	3.289	244.559	1.001	14.716
9/29/2017 4:30	2442600	25.422	16.911	57.945	4090.182	4837.594	2.615	3.29	244.488	1.001	14.717
9/29/2017 4:45	2443500	25.425	16.911	57.945	4089.898	4837.21	2.615	3.289	244.505	1.001	14.712
9/29/2017 5:00	2444400	25.426	16.911	57.954	4089.083	4836.247	2.614	3.289	244.554	1.001	14.711
9/29/2017 5:15	2445300	25.424	16.911	57.949	4088.372	4835.5	2.614	3.288	244.596	1.001	14.715
9/29/2017 5:30	2446200	25.42	16.911	57.94	4089.334	4836.553	2.615	3.289	244.539	1.001	14.713
9/29/2017 5:45	2447100	25.422	16.911	57.944	4090.809	4838.297	2.616	3.29	244.45	1.001	14.709
9/29/2017 6:00	2448000	25.42	16.911	57.94	4090.493	4837.971	2.615	3.29	244.469	1.001	14.715
9/29/2017 6:15	2448900	25.423	16.911	57.946	4089.675	4836.946	2.615	3.289	244.518	1.001	14.718
9/29/2017 6:30	2449800	25.419	16.91	57.937	4089.838	4837.244	2.615	3.289	244.508	1.001	14.718
9/29/2017 6:45	2450700	25.426	16.912	57.954	4090.062	4837.385	2.615	3.289	244.495	1.001	14.714
9/29/2017 7:00	2451600	25.425	16.911	57.952	4088.986	4836.217	2.614	3.289	244.559	1.001	14.717
9/29/2017 7:15	2452500	25.421	16.91	57.943	4089.058	4836.321	2.614	3.289	244.555	1.001	14.715
9/29/2017 7:30	2453400	25.427	16.912	57.956	4090.803	4838.252	2.615	3.29	244.451	1.001	14.709
9/29/2017 7:45	2454300	25.426	16.912	57.954	4090.071	4837.376	2.615	3.289	244.495	1.001	14.727
9/29/2017 8:00	2455200	25.417	16.911	57.934	4089.503	4836.762	2.615	3.289	244.529	1.001	14.727
9/29/2017 8:15	2456100	25.414	16.911	57.926	4088.503	4835.608	2.614	3.288	244.588	1.001	14.731
9/29/2017 8:30	2457000	25.418	16.911	57.936	4088.301	4835.312	2.614	3.288	244.6	1.001	14.73
9/29/2017 8:45	2457900	25.418	16.91	57.936	4088.525	4835.7	2.614	3.288	244.587	1.001	14.735
9/29/2017 9:00	2458800	25.424	16.911	57.949	4089.015	4836.175	2.614	3.288	244.558	1.001	14.729
9/29/2017 9:15	2459700	25.42	16.91	57.941	4088.722	4835.924	2.614	3.288	244.575	1.001	14.73
9/29/2017 9:30	2460600	25.421	16.911	57.942	4089.037	4836.24	2.614	3.289	244.556	1.001	14.722
9/29/2017 9:45	2461500	25.415	16.911	57.929	4089.167	4836.421	2.614	3.289	244.549	1.001	14.729
9/29/2017 10:00	2462400	25.424	16.911	57.949	4089.131	4836.312	2.614	3.289	244.551	1.001	14.724
9/29/2017 10:15	2463300	25.419	16.911	57.939	4089.362	4836.605	2.615	3.289	244.537	1.001	14.725
9/29/2017 10:30	2464200	25.426	16.911	57.954	4090.27	4837.64	2.615	3.29	244.483	1.001	14.72
9/29/2017 10:45	2465100	25.42	16.91	57.94	4090.989	4838.614	2.616	3.29	244.44	1.001	14.732
9/29/2017 11:00	2466000	25.422	16.911	57.922	4091.849	4839.537	2.616	3.291	244.388	1.001	14.731
9/29/2017 11:15	2466900	25.421	16.911	57.943	4091.066	4838.591	2.616	3.29	244.435	1.001	14.731
9/29/2017 11:30	2467800	25.42	16.912	57.94	4091.215	4838.71	2.616	3.29	244.426	1.001	14.733
9/29/2017 11:45	2468700	25.415	16.911	57.929	4090.192	4837.644	2.615	3.29	244.487	1.001	14.733
9/29/2017 12:00	2469600	25.415	16.911	57.929	4090.28	4837.67	2.615	3.29	244.482	1.001	14.734
9/29/2017 12:15	2470500	25.414	16.911	57.927	4091.208	4838.75	2.616	3.29	244.427	1.001	14.737
9/29/2017 12:30	2471400	25.424	16.911	57.95	4091.854	4839.623	2.616	3.291	244.388	1.001	14.722
9/29/2017 12:45	2472300	25.428	16.911	57.959	4092.09	4839.889	2.616	3.291	244.374	1.001	14.725
9/29/2017 13:00	2473200	25.422	16.911	57.944	4092.578	4840.446	2.617	3.292	244.345	1.001	14.723
9/29/2017 13:15	2474100	25.426	16.911	57.953	4093.297	4841.297	2.617	3.292	244.302	1.001	14.721
9/29/2017 13:30	2475000	25.418	16.911	57.935	4093.133	4841.084	2.617	3.292	244.312	1.001	14.729
9/29/2017 13:45	2475900	25.424	16.911	57.95	4093.499	4841.479	2.617	3.292	244.29	1.001	14.724
9/29/2017 14:00	2476800	25.418	16.912	57.936	4093.534	4841.472	2.617	3.292	244.288	1.001	14.733
9/29/2017 14:15	2477700	25.412	16.911	57.923	4093.583	4841.598	2.617	3.292	244.285	1.001	14.732
9/29/2017 14:30	2478600	25.422	16.91	57.944	4092.631	4840.547	2.617	3.292	244.342	1.001	14.729
9/29/2017 14:45	2479500	25.423	16.911	57.947	4093.379	4841.328	2.617	3.292	244.297	1.001	14.726
9/29/2017 15:00	2480400	25.421	16.911	57.943	4094.939	4843.162	2.618	3.293	244.204	1.001	14.724
9/29/2017 15:15	2481300	25.426									

9/30/2017 23:00	2595600	25.449	16.911	58.007	4103.581	4853.46	2.624	3.3	243.69	1.001	14.703
9/30/2017 23:15	2595600	25.448	16.911	58.005	4103.256	4853.038	2.624	3.3	243.709	1.001	14.702
9/30/2017 23:30	2597400	25.453	16.911	58.016	4103.29	4853.088	2.624	3.3	243.707	1.001	14.699
9/30/2017 23:45	2598300	25.452	16.911	58.013	4103.513	4853.322	2.624	3.3	243.694	1.001	14.702
10/1/2017 0:00	2599200	25.449	16.911	58.005	4103.397	4853.233	2.624	3.3	243.701	1.001	14.7
10/1/2017 0:15	2600100	25.448	16.911	58.003	4103.964	4853.894	2.624	3.301	243.667	1.001	14.701
10/1/2017 0:30	2601000	25.45	16.91	58.009	4103.82	4853.802	2.624	3.302	243.675	1.001	14.703
10/1/2017 0:45	2601900	25.454	16.911	58.018	4103.523	4853.334	2.624	3.3	243.693	1.001	14.696
10/1/2017 1:00	2602800	25.449	16.91	58.005	4103.063	4852.895	2.624	3.3	243.72	1.001	14.7
10/1/2017 1:15	2603700	25.454	16.911	58.018	4103.969	4853.9	2.624	3.301	243.667	1.001	14.698
10/1/2017 1:30	2604600	25.457	16.911	58.023	4103.644	4853.544	2.624	3.3	243.686	1.001	14.693
10/1/2017 1:45	2605500	25.458	16.911	58.027	4103.771	4853.202	2.624	3.3	243.702	1.001	14.689
10/1/2017 2:00	2606400	25.456	16.911	58.022	4104.021	4853.952	2.625	3.301	243.663	1.001	14.689
10/1/2017 2:15	2607300	25.454	16.911	58.018	4104.253	4854.264	2.625	3.301	243.65	1.001	14.692
10/1/2017 2:30	2608200	25.458	16.911	58.026	4104.214	4854.209	2.625	3.301	243.652	1.001	14.684
10/1/2017 2:45	2609100	25.466	16.911	58.045	4105.583	4855.847	2.626	3.302	243.571	1.001	14.681
10/1/2017 3:00	2610000	25.459	16.91	58.03	4105.283	4855.512	2.625	3.302	243.589	1.001	14.685
10/1/2017 3:15	2610900	25.456	16.911	58.021	4104.795	4854.896	2.625	3.301	243.618	1.001	14.69
10/1/2017 3:30	2611800	25.457	16.91	58.024	4104.453	4854.532	2.625	3.301	243.638	1.001	14.691
10/1/2017 3:45	2612700	25.457	16.911	58.024	4105.482	4855.699	2.626	3.302	243.577	1.001	14.688
10/1/2017 4:00	2613600	25.456	16.911	58.023	4104.176	4854.145	2.625	3.301	243.654	1.001	14.685
10/1/2017 4:15	2614500	25.456	16.911	58.022	4104.481	4854.486	2.625	3.301	243.636	1.001	14.684
10/1/2017 4:30	2615400	25.461	16.91	58.034	4104.393	4854.479	2.625	3.301	243.641	1.001	14.682
10/1/2017 4:45	2616300	25.458	16.91	58.027	4105.051	4855.237	2.625	3.302	243.602	1.001	14.684
10/1/2017 5:00	2617200	25.459	16.911	58.028	4106.352	4856.709	2.626	3.303	243.525	1.001	14.687
10/1/2017 5:15	2618100	25.454	16.911	58.016	4104.813	4854.946	2.625	3.301	243.616	1.001	14.695
10/1/2017 5:30	2619000	25.443	16.911	57.992	4104.053	4854.047	2.625	3.301	243.662	1.001	14.699
10/1/2017 5:45	2619900	25.462	16.91	58.035	4104.061	4854.095	2.625	3.301	243.661	1.001	14.687
10/1/2017 6:00	2620800	25.456	16.911	58.022	4104.107	4854.063	2.625	3.301	243.658	1.001	14.695
10/1/2017 6:15	2621700	25.456	16.91	58.022	4104.45	4854.526	2.625	3.301	243.638	1.001	14.693
10/1/2017 6:30	2622600	25.459	16.911	58.029	4104.343	4854.352	2.625	3.301	243.644	1.001	14.69
10/1/2017 6:45	2623500	25.457	16.911	58.025	4104.306	4854.271	2.625	3.301	243.647	1.001	14.696
10/1/2017 7:00	2624400	25.448	16.911	58.005	4104.031	4854.021	2.625	3.301	243.663	1.001	14.705
10/1/2017 7:15	2625300	25.454	16.911	58.019	4103.551	4853.453	2.624	3.3	243.691	1.001	14.704
10/1/2017 7:30	2626200	25.456	16.91	58.022	4102.603	4852.341	2.624	3.3	243.748	1.001	14.7
10/1/2017 7:45	2627100	25.452	16.91	58.014	4102.297	4852.059	2.623	3.299	243.766	1.001	14.703
10/1/2017 8:00	2628000	25.452	16.911	58.012	4103.504	4853.398	2.624	3.3	243.694	1.001	14.704
10/1/2017 8:15	2628900	25.451	16.91	58.012	4102.915	4852.759	2.624	3.3	243.729	1.001	14.706
10/1/2017 8:30	2629800	25.446	16.911	57.999	4102.922	4852.671	2.624	3.3	243.729	1.001	14.713
10/1/2017 8:45	2630700	25.447	16.911	58.002	4103.628	4853.545	2.624	3.3	243.687	1.001	14.711
10/1/2017 9:00	2631600	25.457	16.911	58.023	4102.79	4852.497	2.624	3.3	243.737	1.001	14.703
10/1/2017 9:15	2632500	25.459	16.91	58.029	4102.559	4852.299	2.624	3.3	243.75	1.001	14.705
10/1/2017 9:30	2633400	25.457	16.911	58.024	4103.046	4852.8	2.624	3.3	243.724	1.001	14.705
10/1/2017 9:45	2634300	25.453	16.91	58.015	4104.442	4854.526	2.625	3.301	243.638	1.001	14.707
10/1/2017 10:00	2635200	25.451	16.911	58.011	4103.949	4853.905	2.624	3.301	243.668	1.001	14.707
10/1/2017 10:15	2636100	25.456	16.91	58.022	4104.629	4854.825	2.625	3.301	243.627	1.001	14.7
10/1/2017 10:30	2637000	25.454	16.911	58.018	4105.587	4855.805	2.626	3.302	243.571	1.001	14.703
10/1/2017 10:45	2637900	25.453	16.91	58.016	4105.282	4855.51	2.625	3.302	243.589	1.001	14.702
10/1/2017 11:00	2638800	25.461	16.911	58.023	4106.086	4856.432	2.626	3.302	243.541	1.001	14.695
10/1/2017 11:15	2639700	25.458	16.911	58.026	4107.346	4857.923	2.627	3.303	243.466	1.001	14.691
10/1/2017 11:30	2640600	25.459	16.91	58.028	4107.375	4857.995	2.627	3.303	243.464	1.001	14.695
10/1/2017 11:45	2641500	25.456	16.909	58.022	4107.484	4858.25	2.627	3.304	243.458	1.001	14.693
10/1/2017 12:00	2642400	25.463	16.91	58.037	4108.115	4858.882	2.627	3.304	243.421	1.001	14.695
10/1/2017 12:15	2643300	25.456	16.91	58.021	4107.663	4858.346	2.627	3.304	243.447	1.001	14.695
10/1/2017 12:30	2644200	25.459	16.911	58.03	4107.656	4858.261	2.627	3.304	243.448	1.001	14.694
10/1/2017 12:45	2645100	25.455	16.91	58.021	4107.794	4858.511	2.627	3.304	243.44	1.001	14.692
10/1/2017 13:00	2646000	25.46	16.911	58.031	4109.788	4860.811	2.628	3.305	243.322	1.001	14.69
10/1/2017 13:15	2646900	25.454	16.91	58.019	4108.968	4859.899	2.628	3.305	243.37	1.001	14.69
10/1/2017 13:30	2647800	25.464	16.91	58.04	4108.553	4859.408	2.628	3.304	243.395	1.001	14.681
10/1/2017 13:45	2648700	25.464	16.911	58.04	4109.468	4860.442	2.628	3.305	243.341	1.001	14.681
10/1/2017 14:00	2649600	25.461	16.91	58.034	4110.193	4861.339	2.629	3.306	243.298	1.001	14.679
10/1/2017 14:15	2650500	25.467	16.91	58.046	4110.391	4861.471	2.629	3.306	243.291	1.001	14.685
10/1/2017 14:30	2651400	25.461	16.91	58.034	4111.24	4862.566	2.629	3.307	243.236	1.001	14.673
10/1/2017 14:45	2652300	25.461	16.91	58.035	4112.023	4863.503	2.63	3.307	243.189	1.001	14.67
10/1/2017 15:00	2653200	25.462	16.91	58.036	4111.155	4862.457	2.629	3.306	243.241	1.001	14.666
10/1/2017 15:15	2654100	25.469	16.91	58.053	4112.034	4863.574	2.63	3.307	243.189	1.001	14.655
10/1/2017 15:30	2655000	25.461	16.911	58.033	4111.734	4863.055	2.63	3.307	243.206	1.001	14.659
10/1/2017 15:45	2655900	25.462	16.911	58.035	4113.054	4864.083	2.631	3.308	243.128	1.001	14.658
10/1/2017 16:00	2656800	25.471	16.91	58.056	4112.442	4864	2.63	3.308	243.165	1.001	14.65
10/1/2017 16:15	2657700	25.465	16.91	58.043	4113.684	4865.487	2.631	3.309	243.091	1.001	14.652
10/1/2017 16:30	2658600	25.472	16.911	58.057	4113.735	4865.499	2.631	3.309	243.088	1.001	14.651
10/1/2017 16:45	2659500	25.464	16.91	58.04	4114.133	4866.046	2.631	3.309	243.065	1.001	14.656
10/1/2017 17:00	2660400	25.464	16.91	58.041	4114.154	4866.052	2.631	3.309	243.063	1.001	14.649
10/1/2017 17:15	2661300	25.469	16.91	58.051	4112.906	4864.614	2.631	3.308	243.137	1.001	14.648
10/1/2017 17:30	2662200	25.467	16.91	58.046	4113.43	4865.195	2.631	3.308	243.106	1.001	14.648
10/1/2017 17:45	2663100	25.472	16.91	58.059	4114.33	4866.279	2.632	3.309	243.053	1.001	14.642
10/1/2017 18:00	2664000	25.467	16.91	58.048	4112.939	4864.587	2.631	3.308	243.135	1.001	14.644
10/1/2017 18:15	2664900	25.468	16.91	58.049	4112.688	4864.338	2.63	3.308	243.15	1.001	14.647
10/1/2017 18:30	2665800	25.467	16.91	58.048	4112.233	4863.771	2.63	3.307	243.177	1.001	14.645
10/1/2017 18:45	2666700	25.471	16.91	58.055	4111.677	4863.003	2.631	3.307	243.21	1.001	14.645
10/1/2017 19:00	2667600	25.463	16.91	58.038	4111.753	4863.164	2.63	3.307	243.205	1.001	14.654
10/1/2017 19:15	2668500	25.468	16.91	58.05	4111.595	4863.025	2.63	3.307	243.215	1.001	14.653
10/1/2017 19:30	2669400	25.462	16.91	58.035	4110.916	4862.261	2.629	3.306	243.255	1.001	14.655
10/1/2017 19:45	2670300	25.47	16.91	58.055	4110.819	4862.108	2.629	3.306	243.261	1.001	14.647
10/1/2017 20:00	2671200	25.471	16.911	58.056	4110.754	4861.964	2.629</				

10/3/2017 3:45	2785500	25.497	16.91	58.116	4115.381	4867.552	2.632	3.31	242.991	1.001	14.619
10/3/2017 4:00	2786400	25.498	16.909	58.118	4115.934	4868.253	2.633	3.31	242.958	1.001	14.623
10/3/2017 4:15	2787300	25.503	16.909	58.129	4116.331	4868.704	2.633	3.311	242.935	1.001	14.621
10/3/2017 4:30	2788200	25.495	16.909	58.112	4115.982	4868.311	2.633	3.31	242.955	1.001	14.623
10/3/2017 4:45	2789100	25.497	16.909	58.114	4116.309	4868.688	2.633	3.311	242.936	1.001	14.623
10/3/2017 5:00	2790000	25.503	16.91	58.13	4114.926	4867.003	2.632	3.31	243.018	1.001	14.615
10/3/2017 5:15	2790900	25.5	16.909	58.123	4115.536	4867.773	2.632	3.31	242.982	1.001	14.625
10/3/2017 5:30	2791800	25.499	16.909	58.12	4115.119	4867.271	2.632	3.31	243.006	1.001	14.623
10/3/2017 5:45	2792700	25.505	16.909	58.133	4115.795	4868.081	2.633	3.31	242.966	1.001	14.619
10/3/2017 6:00	2793600	25.502	16.91	58.126	4115.004	4867.069	2.632	3.31	243.013	1.001	14.62
10/3/2017 6:15	2794500	25.497	16.909	58.116	4115.225	4867.425	2.632	3.31	243	1.001	14.622
10/3/2017 6:30	2795400	25.497	16.909	58.116	4115.727	4867.999	2.633	3.31	242.97	1.001	14.627
10/3/2017 6:45	2796300	25.508	16.909	58.141	4115.025	4867.178	2.632	3.31	243.012	1.001	14.617
10/3/2017 7:00	2797200	25.499	16.909	58.12	4115.261	4867.487	2.632	3.31	242.998	1.001	14.625
10/3/2017 7:15	2798100	25.501	16.91	58.124	4115.212	4867.353	2.632	3.31	243.001	1.001	14.627
10/3/2017 7:30	2799000	25.5	16.909	58.123	4115.695	4868.01	2.633	3.31	242.972	1.001	14.628
10/3/2017 7:45	2799900	25.494	16.909	58.108	4115.334	4867.583	2.632	3.31	242.994	1.001	14.631
10/3/2017 8:00	2800800	25.497	16.909	58.116	4114.767	4866.854	2.632	3.309	243.027	1.001	14.636
10/3/2017 8:15	2801700	25.499	16.909	58.121	4113.277	4865.102	2.631	3.308	243.115	1.001	14.638
10/3/2017 8:30	2802600	25.496	16.909	58.114	4114.063	4866.031	2.631	3.309	243.069	1.001	14.64
10/3/2017 8:45	2803500	25.503	16.909	58.128	4113.101	4864.932	2.631	3.308	243.126	1.001	14.637
10/3/2017 9:00	2804400	25.502	16.909	58.127	4113.746	4865.657	2.631	3.309	243.087	1.001	14.641
10/3/2017 9:15	2805300	25.491	16.909	58.103	4113.307	4865.205	2.631	3.308	243.113	1.001	14.649
10/3/2017 9:30	2806200	25.486	16.909	58.091	4112.764	4864.504	2.631	3.308	243.145	1.001	14.652
10/3/2017 9:45	2807100	25.492	16.909	58.103	4113.177	4864.954	2.631	3.308	243.121	1.001	14.654
10/3/2017 10:00	2808000	25.5	16.91	58.121	4112.939	4864.665	2.631	3.308	243.135	1.001	14.653
10/3/2017 10:15	2808900	25.496	16.909	58.113	4113.741	4865.708	2.631	3.309	243.088	1.001	14.654
10/3/2017 10:30	2809800	25.492	16.909	58.104	4114.168	4866.156	2.632	3.309	243.062	1.001	14.659
10/3/2017 10:45	2810700	25.487	16.908	58.092	4113.522	4865.479	2.631	3.309	243.101	1.001	14.664
10/3/2017 11:00	2811600	25.493	16.909	58.107	4112.973	4864.762	2.631	3.308	243.133	1.001	14.661
10/3/2017 11:15	2812500	25.504	16.909	58.13	4113.6	4865.521	2.631	3.309	243.096	1.001	14.654
10/3/2017 11:30	2813400	25.498	16.908	58.118	4113.269	4865.197	2.631	3.308	243.116	1.001	14.658
10/3/2017 11:45	2814300	25.495	16.909	58.11	4114.603	4866.679	2.632	3.309	243.037	1.001	14.663
10/3/2017 12:00	2815200	25.506	16.909	58.136	4114.616	4866.686	2.632	3.309	243.036	1.001	14.656
10/3/2017 12:15	2816100	25.499	16.909	58.121	4114.864	4866.95	2.632	3.31	243.021	1.001	14.659
10/3/2017 12:30	2817000	25.497	16.909	58.115	4114.292	4866.322	2.632	3.309	243.055	1.001	14.663
10/3/2017 12:45	2817900	25.5	16.909	58.122	4114.463	4866.524	2.632	3.309	243.045	1.001	14.663
10/3/2017 13:00	2818800	25.491	16.909	58.101	4114.508	4866.558	2.632	3.309	243.042	1.001	14.667
10/3/2017 13:15	2819700	25.5	16.909	58.123	4114.854	4867.025	2.632	3.31	243.022	1.001	14.664
10/3/2017 13:30	2820600	25.497	16.909	58.115	4115.836	4868.1	2.633	3.31	242.964	1.001	14.67
10/3/2017 13:45	2821500	25.494	16.908	58.108	4115.237	4867.506	2.632	3.31	242.999	1.001	14.672
10/3/2017 14:00	2822400	25.493	16.909	58.107	4115.545	4867.814	2.632	3.31	242.981	1.001	14.674
10/3/2017 14:15	2823300	25.496	16.909	58.112	4116.296	4868.615	2.632	3.315	242.942	1.001	14.67
10/3/2017 14:30	2824200	25.491	16.909	58.102	4116.225	4868.618	2.633	3.311	242.941	1.001	14.678
10/3/2017 14:45	2825100	25.495	16.909	58.111	4115.082	4867.274	2.632	3.31	243.009	1.001	14.677
10/3/2017 15:00	2826000	25.495	16.909	58.112	4115.097	4867.313	2.632	3.31	243.008	1.001	14.678
10/3/2017 15:15	2826900	25.498	16.909	58.117	4114.237	4866.267	2.632	3.309	243.058	1.001	14.678
10/3/2017 15:30	2827800	25.483	16.909	58.083	4115.28	4867.51	2.632	3.31	242.997	1.001	14.69
10/3/2017 15:45	2828700	25.504	16.909	58.124	4114.983	4867.102	2.632	3.31	243.019	1.001	14.675
10/3/2017 16:00	2829600	25.488	16.908	58.096	4114.938	4867.162	2.632	3.31	243.017	1.001	14.685
10/3/2017 16:15	2830500	25.499	16.909	58.12	4114.705	4866.8	2.632	3.309	243.031	1.001	14.679
10/3/2017 16:30	2831400	25.496	16.908	58.112	4115.216	4867.5	2.632	3.31	243.001	1.001	14.683
10/3/2017 16:45	2832300	25.493	16.909	58.107	4115.092	4867.257	2.632	3.31	243.008	1.001	14.685
10/3/2017 17:00	2833200	25.496	16.908	58.114	4115.669	4868.047	2.633	3.31	242.974	1.001	14.692
10/3/2017 17:15	2834100	25.492	16.909	58.103	4115.649	4867.926	2.633	3.31	242.975	1.001	14.69
10/3/2017 17:30	2835000	25.501	16.908	58.125	4115.482	4867.826	2.632	3.31	242.985	1.001	14.685
10/3/2017 17:45	2835900	25.501	16.909	58.125	4114.14	4866.123	2.631	3.309	243.064	1.001	14.686
10/3/2017 18:00	2836800	25.495	16.909	58.11	4114.577	4866.707	2.632	3.309	243.038	1.001	14.696
10/3/2017 18:15	2837700	25.495	16.909	58.111	4114.762	4866.868	2.632	3.309	243.027	1.001	14.699
10/3/2017 18:30	2838600	25.494	16.909	58.108	4114.723	4866.85	2.632	3.309	243.03	1.001	14.698
10/3/2017 18:45	2839500	25.495	16.909	58.11	4113.743	4865.623	2.631	3.309	243.088	1.001	14.701
10/3/2017 19:00	2840400	25.5	16.909	58.122	4113.779	4865.552	2.631	3.308	243.109	1.001	14.699
10/3/2017 19:15	2841300	25.498	16.909	58.117	4113.597	4865.509	2.631	3.309	243.096	1.001	14.703
10/3/2017 19:30	2842200	25.496	16.908	58.114	4113.9	4865.944	2.631	3.309	243.078	1.001	14.706
10/3/2017 19:45	2843100	25.497	16.909	58.116	4113.528	4865.437	2.631	3.308	243.1	1.001	14.706
10/3/2017 20:00	2844000	25.494	16.909	58.108	4112.336	4864.066	2.63	3.308	243.171	1.001	14.714
10/3/2017 20:15	2844900	25.502	16.909	58.127	4113.299	4865.176	2.631	3.308	243.114	1.001	14.707
10/3/2017 20:30	2845800	25.492	16.909	58.105	4113.197	4865.005	2.631	3.308	243.12	1.001	14.712
10/3/2017 20:45	2846700	25.498	16.909	58.118	4113.248	4865.145	2.631	3.308	243.117	1.001	14.714
10/3/2017 21:00	2847600	25.495	16.908	58.111	4113.003	4864.874	2.631	3.308	243.131	1.001	14.718
10/3/2017 21:15	2848500	25.492	16.909	58.105	4112.472	4864.207	2.63	3.308	243.163	1.001	14.719
10/3/2017 21:30	2849400	25.502	16.909	58.126	4112.528	4864.254	2.63	3.308	243.159	1.001	14.719
10/3/2017 21:45	2850300	25.495	16.909	58.111	4112.428	4864.166	2.63	3.308	243.165	1.001	14.721
10/3/2017 22:00	2851200	25.499	16.909	58.121	4112.14	4863.382	2.63	3.306	243.163	1.001	14.722
10/3/2017 22:15	2852100	25.496	16.909	58.113	4112.582	4864.28	2.63	3.308	243.156	1.001	14.724
10/3/2017 22:30	2853000	25.493	16.909	58.107	4111.57	4863.112	2.63	3.307	243.216	1.001	14.731
10/3/2017 22:45	2853900	25.505	16.909	58.134	4111.807	4863.44	2.63	3.307	243.202	1.001	14.722
10/3/2017 23:00	2854800	25.499	16.908	58.121	4111.245	4862.803	2.63	3.307	243.235	1.001	14.727
10/3/2017 23:15	2855700	25.502	16.909	58.127	4112.536	4864.264	2.63	3.308	243.159	1.001	14.728
10/3/2017 23:30	2856600	25.498	16.909	58.119	4111.493	4863.19	2.63	3.307	243.221	1.001	14.732
10/3/2017 23:45	2857500	25.5	16.909	58.121	4111.559	4863.118	2.63	3.307	243.217	1.001	14.734
10/4/2017 0:00	2858400	25.498	16.909	58.119	4112.099	4863.708	2.63	3.307	243.185	1.001	14.733
10/4/2017 0:15	2859300	25.497	16.909	58.116	4112.5	4864.241	2.63	3.308	243.161	1.001	14.735
10/4/2017 0:30	2860200	25.502	16.908	58.128	4111.896	4863.573	2.63	3.307	243.197	1.001	14.73
10/4/2017 0:45	2861100	25.496	16.909	58.113							

9/28/2017 10:00	2376000	10.757	16.374	24.232	36878.641	44153.512	28.62	30.024	27.116	1.021
9/28/2017 10:15	2376900	10.815	16.374	24.361	35760.102	42813.719	27.658	29.113	27.964	1.02
9/28/2017 10:30	2377800	10.828	16.373	24.39	36868.605	44141.766	28.611	30.016	27.123	1.021
9/28/2017 10:45	2378700	10.829	16.374	24.394	36913.781	44195.66	28.65	30.053	27.09	1.021
9/28/2017 11:00	2379600	10.737	16.373	24.186	35459.242	42454.629	27.401	28.869	28.201	1.02
9/28/2017 11:15	2380500	10.77	16.371	24.261	36188.723	43330.195	28.028	29.465	27.633	1.02
9/28/2017 11:30	2381400	10.741	16.372	24.196	36798.539	44058.844	28.552	29.96	27.175	1.021
9/28/2017 11:45	2382300	10.797	16.372	24.322	36800.184	44061.355	28.553	29.962	27.174	1.021
9/28/2017 12:00	2383200	10.722	16.372	24.151	36876.211	44152.383	28.619	30.024	27.118	1.021
9/28/2017 12:15	2384100	10.732	16.373	24.174	36866.59	44140.145	28.61	30.015	27.125	1.021
9/28/2017 12:30	2385000	10.735	16.374	24.181	36910.023	44191.16	28.647	30.05	27.093	1.021
9/28/2017 12:45	2385900	10.785	16.373	24.294	36966.57	44259.402	28.696	30.096	27.051	1.021
9/28/2017 13:00	2386800	10.768	16.374	24.255	35998.984	43100.156	27.863	29.308	27.779	1.02
9/28/2017 13:15	2387700	10.686	16.374	24.072	35607.852	42631.953	27.528	28.99	28.084	1.02
9/28/2017 13:30	2388600	10.69	16.373	24.08	36614.977	43838.805	28.393	29.81	27.311	1.021
9/28/2017 13:45	2389500	10.699	16.373	24.099	36887.734	44164.578	28.628	30.032	27.109	1.021
9/28/2017 14:00	2390400	10.76	16.373	24.238	36983.555	44280.273	28.711	30.111	27.039	1.021
9/28/2017 14:15	2391300	10.708	16.373	24.121	36947.398	44236.727	28.68	30.081	27.066	1.021
9/28/2017 14:30	2392200	10.722	16.373	24.153	36070.602	43186.25	27.925	29.367	27.723	1.02
9/28/2017 14:45	2393100	10.697	16.374	24.095	36302.848	43463.695	28.124	29.555	27.546	1.02
9/28/2017 15:00	2394000	10.715	16.345	24.137	36892.801	44198.969	28.651	30.055	27.106	1.021
9/28/2017 15:15	2394900	10.705	16.302	24.115	36915.574	44270.715	28.7	30.104	27.089	1.021
9/28/2017 15:30	2395800	10.716	16.3	24.14	36815.07	44151.715	28.614	30.023	27.163	1.021
9/28/2017 15:45	2396700	10.725	16.302	24.159	36564.535	43849.117	28.397	29.817	27.349	1.021
9/28/2017 16:00	2397600	10.709	16.303	24.124	35865.77	43010.449	27.795	29.247	27.882	1.02
9/28/2017 16:15	2398500	10.74	16.303	24.192	36116.742	43311.766	28.011	29.452	27.688	1.02
9/28/2017 16:30	2399400	10.727	16.302	24.164	36819.621	44155.563	28.617	30.026	27.159	1.021
9/28/2017 16:45	2400300	10.704	16.303	24.112	36749.219	44069.266	28.555	29.967	27.211	1.021
9/28/2017 17:00	2401200	10.716	16.373	24.139	35411.355	42397.375	27.36	28.83	28.24	1.02
9/28/2017 17:15	2402100	10.685	16.373	24.069	35450.027	42443.34	27.393	28.861	28.209	1.02
9/28/2017 17:30	2403000	10.697	16.373	24.096	36805.738	44066.672	28.557	29.965	27.17	1.021
9/28/2017 17:45	2403900	10.641	16.374	23.97	35729.738	42778.047	27.632	29.089	27.988	1.02
9/28/2017 18:00	2404800	10.671	16.373	24.038	36831.281	44097.344	28.579	29.986	27.151	1.021
9/28/2017 18:15	2405700	10.662	16.375	24.017	36917.078	44198.551	28.652	30.055	27.088	1.021
9/28/2017 18:30	2406600	10.697	16.375	24.096	36860.289	44130.293	28.603	30.009	27.129	1.021
9/28/2017 18:45	2407500	10.64	16.375	23.968	36696.914	43934.863	28.463	29.876	27.25	1.021
9/28/2017 19:00	2408400	10.72	16.374	24.149	36124.301	43250.367	27.971	29.41	27.682	1.02
9/28/2017 19:15	2409300	10.692	16.373	24.085	35745.777	42797.691	27.646	29.102	27.975	1.02
9/28/2017 19:30	2410200	10.724	16.374	24.157	36556.34	43767.273	28.342	29.762	27.355	1.021
9/28/2017 19:45	2411100	10.571	16.376	23.812	36795.871	44051.746	28.547	29.955	27.177	1.021
9/28/2017 20:00	2412000	10.617	16.375	23.917	35157.512	42091.168	27.141	28.622	28.443	1.02
9/28/2017 20:15	2412900	10.653	16.38	23.997	36791.773	44043.559	28.541	29.95	27.18	1.021
9/28/2017 20:30	2413800	10.599	16.377	23.875	36959.18	44246.734	28.687	30.088	27.057	1.021
9/28/2017 20:45	2414700	10.602	16.382	23.881	35980.809	43070.41	27.842	29.288	27.793	1.02
9/28/2017 21:00	2415600	10.563	16.38	23.794	35728.926	42770.875	27.627	29.084	27.989	1.02
9/28/2017 21:15	2416500	10.609	16.379	23.897	36949.352	44233	28.677	30.078	27.064	1.021
9/28/2017 21:30	2417400	10.582	16.382	23.836	36855.152	44117.379	28.594	30	27.133	1.021
9/28/2017 21:45	2418300	10.503	16.382	23.658	36796.473	44047.137	28.544	29.952	27.177	1.021
9/28/2017 22:00	2419200	10.497	16.384	23.644	36975.977	44259.879	28.697	30.097	27.045	1.021
9/28/2017 22:15	2420100	10.475	16.385	23.596	36923.73	44196.094	28.651	30.053	27.083	1.021
9/28/2017 22:30	2421000	10.427	16.382	23.489	35905.281	42979.473	27.777	29.226	27.851	1.02
9/28/2017 22:45	2421900	10.407	16.382	23.442	36970.863	44255.27	28.694	30.094	27.048	1.021
9/28/2017 23:00	2422800	10.402	16.383	23.431	36750.906	43991.094	28.503	29.914	27.21	1.021
9/28/2017 23:15	2423700	10.311	16.387	23.227	35969.75	43052.313	27.829	29.276	27.801	1.02
9/28/2017 23:30	2424600	10.378	16.387	23.277	34952.645	41835.27	26.959	28.448	28.61	1.019
9/28/2017 23:45	2425500	10.299	16.385	23.2	36985.051	44269.133	28.704	30.103	27.038	1.021
9/29/2017 0:00	2426400	10.325	16.385	23.258	36360.75	43521.797	28.166	29.595	27.502	1.02
9/29/2017 0:15	2427300	10.336	16.386	23.282	37029.352	44321	28.741	30.138	27.006	1.021
9/29/2017 0:30	2428200	10.331	16.387	23.272	36966.723	44245.594	28.687	30.087	27.051	1.021
9/29/2017 0:45	2429100	10.306	16.387	23.216	35840.582	42897.457	27.718	29.17	27.901	1.02
9/29/2017 1:00	2430000	10.328	16.386	23.266	37054.609	44351.484	28.763	30.159	26.987	1.021
9/29/2017 1:15	2430900	10.286	16.389	23.17	36720.27	43948.488	28.473	29.885	27.233	1.021
9/29/2017 1:30	2431800	10.257	16.386	23.105	37026.883	44318.672	28.739	30.137	27.007	1.021
9/29/2017 1:45	2432700	10.212	16.388	23.004	36789.523	44032.434	28.533	29.942	27.182	1.021
9/29/2017 2:00	2433600	10.229	16.388	23.041	35099.234	42009.449	27.083	28.566	28.491	1.02
9/29/2017 2:15	2434500	10.323	16.387	23.254	35881.461	42946.457	27.754	29.204	27.87	1.02
9/29/2017 2:30	2435400	10.276	16.386	23.149	37029.051	44320.727	28.741	30.138	27.006	1.021
9/29/2017 2:45	2436300	10.309	16.387	23.223	35836.043	42891.844	27.714	29.166	27.905	1.02
9/29/2017 3:00	2437200	10.276	16.385	23.148	35393.152	42363.715	27.336	28.807	28.254	1.02
9/29/2017 3:15	2438100	10.283	16.389	23.163	36665.648	43883.289	28.426	29.841	27.273	1.021
9/29/2017 3:30	2439000	10.226	16.388	23.035	36976.336	44256.203	28.695	30.094	27.044	1.021
9/29/2017 3:45	2439900	10.267	16.387	23.128	36978.738	44259.523	28.697	30.096	27.043	1.021
9/29/2017 4:00	2440800	10.201	16.388	22.979	35620.871	42633.965	27.53	28.991	28.073	1.02
9/29/2017 4:15	2441700	10.242	16.387	23.07	36249.762	43387.641	28.07	29.504	27.586	1.02
9/29/2017 4:30	2442600	23.417	16.357	52.748	37750.734	45215.23	29.384	30.746	26.49	1.021
9/29/2017 4:45	2443500	23.933	16.324	53.91	39706.641	47593.281	31.107	32.363	25.185	1.023
9/29/2017 5:00	2444400	24.192	16.365	54.495	40076.199	47991.121	31.399	32.634	24.952	1.023
9/29/2017 5:15	2445300	24.377	16.354	54.912	39937.73	47837.07	31.286	32.529	25.039	1.023
9/29/2017 5:30	2446200	24.515	16.321	55.223	39858.531	47778.816	31.242	32.49	25.089	1.023
9/29/2017 5:45	2447100	24.632	16.28	55.486	39807.699	47762.516	31.227	32.479	25.121	1.023
9/29/2017 6:00	2448000	24.726	16.255	55.697	39717.313	47681.523	31.167	32.423	25.178	1.023
9/29/2017 6:15	2448900	24.806	16.211	55.879	39615.41	47606.832	31.109	32.373	25.243	1.023
9/29/2017 6:30	2449800	24.878	16.209	56.039	39637.805	47636.547	31.131	32.393	25.228	1.023
9/29/2017 6:45	2450700	24.941	16.196	56.182	39694.055	47717.863	31.189	32.448	25.193	1.023
9/29/2017 7:00	2451600	25.001	16.178	56.317	39790.488	47853.848	31.287	32.541	25.132	1.023
9/29/2017 7:15	2452500	25.055	16.071	56.438	39978.996	48198.637	31.531	32.775	25.013	1.023
9/29/2017 7:30	2453400	25.102	15.755	56.545	40146.18	48755.574	31.916	33.154	24.909	1.023
9/29/2017 7:45	2454300	25.142	15.607	56.635	40295.477	49104.922	32.16	33.391	24.817	1.024
9/29/2017 8:00	2455200	25.183	15.535	56.727	40320.531	49218.535	32.238	33.469	24.801	1.024
9/29/2017 8:15	2456100	25.21								

9/30/2017 6:30	2536200.001	10.527	16.382	23.712	37034.703	44332.137	28.749	30.146	27.002	1.021
9/30/2017 6:45	2537100	10.565	16.383	23.799	35497.609	42491.145	27.427	28.894	28.171	1.02
9/30/2017 7:00	2538000	10.549	16.383	23.763	37094.418	44402.102	28.799	30.193	26.958	1.021
9/30/2017 7:15	2538900	10.544	16.383	23.751	35849.426	42911.668	27.728	29.19	27.894	1.02
9/30/2017 7:30	2539800	10.469	16.385	23.583	37071.172	44372.844	28.778	30.174	26.975	1.021
9/30/2017 7:45	2540700	10.495	16.381	23.641	35356.207	42323.422	27.307	28.78	28.284	1.02
9/30/2017 8:00	2541600	10.458	16.384	23.559	37054.195	44353.684	28.764	30.161	26.987	1.021
9/30/2017 8:15	2542500	10.472	16.386	23.59	35834.313	42890.887	27.714	29.166	27.906	1.02
9/30/2017 8:30	2543400	10.492	16.385	23.634	37087.379	44391.973	28.792	30.187	26.963	1.021
9/30/2017 8:45	2544300	10.536	16.383	23.733	35852.27	42915.418	27.731	29.182	27.892	1.02
9/30/2017 9:00	2545200	10.534	16.383	23.728	37034.004	44329.695	28.747	30.144	27.002	1.021
9/30/2017 9:15	2546100	10.508	16.384	23.67	36133.371	43250.504	27.971	29.41	27.675	1.02
9/30/2017 9:30	2547000	10.464	16.384	23.57	37054.035	44353.316	28.764	30.16	26.988	1.021
9/30/2017 9:45	2547900	10.44	16.385	23.516	36432.32	43607.629	28.228	29.653	27.448	1.02
9/30/2017 10:00	2548800	10.464	16.383	23.571	32445.799	38837.852	24.83	26.41	30.821	1.018
9/30/2017 10:15	2549700	10.481	16.385	23.61	36587.258	43793.082	28.361	29.779	27.332	1.021
9/30/2017 10:30	2550600	10.409	16.384	23.447	32776.211	39232.48	25.109	26.678	30.51	1.018
9/30/2017 10:45	2551500	10.407	16.385	23.442	36326.844	43481.73	28.137	29.568	27.528	1.02
9/30/2017 11:00	2552400	10.431	16.383	23.497	33143.91	39673.813	25.421	26.978	30.171	1.018
9/30/2017 11:15	2553300	10.363	16.386	23.343	36595.973	43802.535	28.368	29.786	27.325	1.021
9/30/2017 11:30	2554200	10.406	16.384	23.441	37116.875	44428.094	28.818	30.211	26.942	1.021
9/30/2017 11:45	2555100	10.367	16.386	23.352	36153.367	43273.301	27.988	29.426	27.66	1.02
9/30/2017 12:00	2556000	10.314	16.388	23.234	37076.469	44376.246	28.781	30.176	26.971	1.021
9/30/2017 12:15	2556900	10.347	16.387	23.307	35278.34	42225.02	27.237	28.713	28.346	1.02
9/30/2017 12:30	2557800	10.399	16.387	23.425	36995.582	44280.406	28.712	30.111	27.03	1.021
9/30/2017 12:45	2558700	10.473	16.388	23.592	35071.5	41976.344	27.059	28.544	28.513	1.02
9/30/2017 13:00	2559600	10.397	16.385	23.421	36993.805	44279.609	28.711	30.11	27.032	1.021
9/30/2017 13:15	2560500	10.306	16.387	23.215	33645.543	40270.629	25.845	27.384	29.722	1.019
9/30/2017 13:30	2561400	10.355	16.387	23.325	37036.184	44328.816	28.747	30.144	27.001	1.021
9/30/2017 13:45	2562300	10.392	16.386	23.409	33320.844	39882.637	25.569	27.12	30.011	1.018
9/30/2017 14:00	2563200	10.336	16.385	23.284	36870.953	44133.004	28.606	30.01	27.122	1.021
9/30/2017 14:15	2564100	10.379	16.388	23.379	33440.195	40023.867	25.669	27.216	29.904	1.019
9/30/2017 14:30	2565000	10.296	16.387	23.192	36653.016	43869.672	28.416	29.831	27.283	1.021
9/30/2017 14:45	2565900	10.34	16.386	23.293	33123.199	39645.742	25.401	26.959	30.19	1.018
9/30/2017 15:00	2566800	10.393	16.388	23.412	35993.883	43080.324	27.85	29.295	27.782	1.02
9/30/2017 15:15	2567700	10.372	16.387	23.364	37115.984	44424.328	28.816	30.209	26.943	1.021
9/30/2017 15:30	2568600	10.338	16.385	23.288	35642.43	42662.266	27.55	29.01	28.056	1.02
9/30/2017 15:45	2569500	10.365	16.387	23.348	37001.32	44286.555	28.716	30.115	27.026	1.021
9/30/2017 16:00	2570400	10.374	16.388	23.368	34932.238	41809.848	26.941	28.431	28.627	1.019
9/30/2017 16:15	2571300	10.408	16.389	23.444	37065.332	44361.922	28.771	30.166	26.979	1.021
9/30/2017 16:30	2572200	10.384	16.387	23.391	34927.613	41805.055	26.937	28.427	28.631	1.019
9/30/2017 16:45	2573100	10.418	16.386	23.468	37084.184	44386.633	28.788	30.183	26.966	1.021
9/30/2017 17:00	2574000	10.376	16.387	23.372	35067.563	41972.305	27.056	28.541	28.516	1.02
9/30/2017 17:15	2574900	10.423	16.387	23.48	37018.598	44307.148	28.731	30.129	27.013	1.021
9/30/2017 17:30	2575800	10.389	16.387	23.403	35433.734	42410.324	27.37	28.839	28.222	1.02
9/30/2017 17:45	2576700	10.478	16.387	23.602	37063.789	44361.145	28.77	30.166	26.981	1.021
9/30/2017 18:00	2577600	10.466	16.386	23.575	35038.957	41938.836	27.033	28.518	28.54	1.02
9/30/2017 18:15	2578500	10.442	16.386	23.521	37022.039	44312.426	28.735	30.132	27.011	1.021
9/30/2017 18:30	2579400	10.43	16.388	23.495	35880.027	42943.883	27.752	29.202	27.871	1.02
9/30/2017 18:45	2580300	10.464	16.386	23.57	37140.711	44454.289	28.837	30.229	26.925	1.021
9/30/2017 19:00	2581200	10.506	16.386	23.666	36482.074	43666.133	28.27	29.693	27.411	1.02
9/30/2017 19:15	2582100	10.468	16.388	23.581	33166.895	39696.848	25.438	26.994	30.151	1.018
9/30/2017 19:30	2583000	10.444	16.386	23.526	36989.504	44273.309	28.707	30.106	27.035	1.021
9/30/2017 19:45	2583900	10.39	16.388	23.404	33660.938	40287.672	25.857	27.396	29.708	1.019
9/30/2017 20:00	2584800	10.418	16.388	23.468	37061.195	44357.59	28.768	30.163	26.982	1.021
9/30/2017 20:15	2585700	10.401	16.387	23.429	34639.152	41459.469	26.69	28.192	28.869	1.019
9/30/2017 20:30	2586600	10.398	16.388	23.421	37063.594	44360.637	28.77	30.165	26.981	1.021
9/30/2017 20:45	2587500	10.443	16.389	23.525	34667.574	41491.391	26.713	28.214	28.845	1.019
9/30/2017 21:00	2588400	10.446	16.39	23.531	37059.391	44353.559	28.765	30.16	26.984	1.021
9/30/2017 21:15	2589300	10.465	16.388	23.573	35245.625	42184.418	27.208	28.685	28.372	1.02
9/30/2017 21:30	2590200	10.38	16.389	23.382	37086.633	44387.047	28.789	30.183	26.964	1.021
9/30/2017 21:45	2591100	10.342	16.391	23.296	35546.277	42541.004	27.463	28.928	28.132	1.02
9/30/2017 22:00	2592000	10.405	16.387	23.438	37091.32	44394.273	28.794	30.188	26.96	1.021
9/30/2017 22:15	2592900	10.401	16.389	23.428	35354.223	42313.371	27.3	28.773	28.285	1.02
9/30/2017 22:30	2593800	10.378	16.391	23.377	37116.051	44419.766	28.813	30.205	26.943	1.021
9/30/2017 22:45	2594700	10.425	16.391	23.484	34948.855	41826.438	26.953	28.442	28.613	1.019
9/30/2017 23:00	2595600	10.314	16.392	23.233	37061.285	44353.863	28.765	30.161	26.982	1.021
9/30/2017 23:15	2596500	10.252	16.391	23.094	33342.289	39903.961	25.585	27.135	29.992	1.018
9/30/2017 23:30	2597400	10.278	16.391	23.151	36356.262	43510.465	28.158	29.587	27.506	1.02
9/30/2017 23:45	2598300	10.275	16.391	23.145	37135.855	44444.004	28.83	30.222	26.928	1.021
10/1/2017 0:00	2599200	10.275	16.391	23.145	35335.395	42288.875	27.283	28.756	28.3	1.02
10/1/2017 0:15	2600100	10.225	16.393	23.034	37079.363	44374.684	28.78	30.175	26.969	1.021
10/1/2017 0:30	2601000	10.168	16.392	22.906	33009.09	39504.313	25.301	26.863	30.295	1.018
10/1/2017 0:45	2601900	10.15	16.394	22.864	35915.707	42980.871	27.779	29.227	27.843	1.02
10/1/2017 1:00	2602800	10.161	16.393	22.89	37123.734	44427.344	28.818	30.211	26.937	1.021
10/1/2017 1:15	2603700	10.184	16.393	22.94	37093.742	44391.273	28.792	30.186	26.959	1.021
10/1/2017 1:30	2604600	10.075	16.394	22.696	34483.488	41267.082	26.554	28.062	28.999	1.019
10/1/2017 1:45	2605500	10.064	16.392	22.67	36198.371	43321.059	28.023	29.458	27.626	1.02
10/1/2017 2:00	2606400	10.026	16.392	22.583	37098.598	44398.074	28.797	30.191	26.955	1.021
10/1/2017 2:15	2607300	10.136	16.389	22.833	37149.355	44461.586	28.843	30.234	26.918	1.02
10/1/2017 2:30	2608200	10.107	16.392	22.766	34309.941	41060.727	26.407	27.921	29.146	1.019
10/1/2017 2:45	2609100	10.058	16.393	22.656	35297.996	42242.754	27.25	28.725	28.33	1.02
10/1/2017 3:00	2610000	9.983	16.392	22.488	36183.02	43302.871	28.009	29.446	27.637	1.02
10/1/2017 3:15	2610900	10.068	16.394	22.678	37184.012	44498.672	28.87	30.259	26.893	1.021
10/1/2017 3:30	2611800	10.046	16.393	22.629	37138.426	44444.477	28.83	30.222	26.926	1.021
10/1/2017 3:45	2612700	10.05	16.393	22.64	33394.617	39964.734	25.628	27.176	29.945	1.018
10/1/2017 4:00	2613600	10.145	16.392	22.853	35511.727	42499.223	27.434	28.899	28.16	1.02
10/1/2017 4:15	2614500	10.116	16.393	22.786	36800.523	44040.367	28.539	29.947	27.174	1.021
10/1/2017 4:30	2615400	10.106	16.395	22.765	37124.84	44427.055	28.818	30.21	26.936	1.021
10/1/2017 4:45	2616									

10/2/2017 3:00	2696400	9.961	16.396	22.438	37134.07	44436.141	28.825	30.217	26.929	1.021
10/2/2017 3:15	2697300	9.904	16.395	22.31	34062.035	40761.402	26.194	27.718	29.358	1.019
10/2/2017 3:30	2698200	9.854	16.396	22.196	34793.168	41635.582	26.817	28.312	28.741	1.019
10/2/2017 3:45	2699100	9.815	16.396	22.11	36043.855	43132.32	27.887	29.33	27.744	1.02
10/2/2017 4:00	2700000	9.778	16.395	22.027	36797.113	44034.422	28.535	29.943	27.176	1.021
10/2/2017 4:15	2700900	9.846	16.396	22.178	37116.402	44415.797	28.81	30.203	26.942	1.021
10/2/2017 4:30	2701800	9.878	16.397	22.25	37130.926	44431.656	28.821	30.214	26.932	1.021
10/2/2017 4:45	2702700	9.884	16.397	22.264	33729.855	40362.273	25.91	27.446	29.647	1.019
10/2/2017 5:00	2703600	9.85	16.396	22.187	35220.73	42147.406	27.182	28.66	28.392	1.02
10/2/2017 5:15	2704500	9.914	16.398	22.331	36499.496	43675.719	28.278	29.699	27.398	1.02
10/2/2017 5:30	2705400	9.975	16.397	22.471	37061.672	44349.051	28.762	30.157	26.982	1.021
10/2/2017 5:45	2706300	9.97	16.399	22.459	37066.879	44353.137	28.765	30.16	26.978	1.021
10/2/2017 6:00	2707200	9.952	16.398	22.417	33928.184	40598.613	26.078	27.607	29.474	1.019
10/2/2017 6:15	2708100	9.953	16.398	22.419	35633.914	42639.52	27.534	28.995	28.063	1.02
10/2/2017 6:30	2709000	10.06	16.4	22.661	36812.102	44047.395	28.545	29.952	27.165	1.021
10/2/2017 6:45	2709900	9.952	16.398	22.419	37078.016	44367.902	28.776	30.17	26.97	1.021
10/2/2017 7:00	2710800	9.992	16.399	22.508	34204.465	40928.223	26.313	27.831	29.236	1.019
10/2/2017 7:15	2711700	10.015	16.398	22.561	36802.563	44037.488	28.538	29.945	27.172	1.021
10/2/2017 7:30	2712600	10.071	16.4	22.686	37069.473	44355.258	28.767	30.162	26.976	1.021
10/2/2017 7:45	2713500	10.079	16.4	22.705	34279.563	41016.594	26.376	27.891	29.172	1.019
10/2/2017 8:00	2714400	10.168	16.4	22.903	36832.75	44072.102	28.563	29.969	27.15	1.021
10/2/2017 8:15	2715300	10.032	16.399	22.597	37077.516	44366.316	28.774	30.169	26.971	1.021
10/2/2017 8:30	2716200	10.071	16.4	22.686	35337.18	42282.582	27.279	28.752	28.299	1.02
10/2/2017 8:45	2717100	10.045	16.399	22.627	37088.539	44378.965	28.784	30.178	26.963	1.021
10/2/2017 9:00	2718000	10.03	16.398	22.595	32447.094	38826.023	24.822	26.402	30.819	1.018
10/2/2017 9:15	2718900	10.066	16.4	22.674	35946.469	43011.797	27.801	29.248	27.819	1.02
10/2/2017 9:30	2719800	10.094	16.4	22.737	37120.012	44416.094	28.81	30.203	26.94	1.021
10/2/2017 9:45	2720700	10.125	16.401	22.809	34341.371	41089.727	26.428	27.941	29.119	1.019
10/2/2017 10:00	2721600	10.026	16.399	22.583	36832.879	44072.785	28.563	29.969	27.15	1.021
10/2/2017 10:15	2722500	10.135	16.399	22.829	37128.422	44426.34	28.818	30.21	26.934	1.021
10/2/2017 10:30	2723400	10.039	16.399	22.614	34956.102	41827.105	26.953	28.442	28.607	1.019
10/2/2017 10:45	2724300	10.023	16.399	22.579	37035.762	44315.547	28.738	30.135	27.001	1.021
10/2/2017 11:00	2725200	10.07	16.398	22.685	33028.57	39521.816	25.314	26.875	30.277	1.018
10/2/2017 11:15	2726100	10.008	16.399	22.544	35829.461	42872.832	27.701	29.154	27.91	1.02
10/2/2017 11:30	2727000	10.111	16.398	22.776	37108.277	44403.301	28.801	30.194	26.948	1.021
10/2/2017 11:45	2727900	10.162	16.401	22.892	34664.762	41477.242	26.704	28.205	28.848	1.019
10/2/2017 12:00	2728800	10.141	16.4	22.844	37035.723	44314.43	28.737	30.134	27.001	1.021
10/2/2017 12:15	2729700	10.033	16.399	22.6	33294.207	39839.195	25.539	27.091	30.035	1.018
10/2/2017 12:30	2730600	9.985	16.399	22.491	35584.453	42579.742	27.492	28.954	28.102	1.02
10/2/2017 12:45	2731500	10.075	16.399	22.695	36970.543	44237.508	28.682	30.082	27.049	1.021
10/2/2017 13:00	2732400	10.097	16.399	22.745	33180.645	39703.387	25.443	26.998	30.138	1.018
10/2/2017 13:15	2733300	10.018	16.398	22.566	35687.621	42703.527	27.58	29.038	28.021	1.02
10/2/2017 13:30	2734200	9.921	16.4	22.347	37075.723	44362.906	28.772	30.167	26.972	1.021
10/2/2017 13:45	2735100	9.951	16.398	22.415	33522.98	40113.508	25.734	27.277	29.83	1.019
10/2/2017 14:00	2736000	10.008	16.4	22.544	35484.203	42458.242	27.405	28.872	28.182	1.02
10/2/2017 14:15	2736900	9.887	16.398	22.271	37053.273	44337.926	28.754	30.15	26.988	1.021
10/2/2017 14:30	2737800	9.98	16.398	22.48	37134.918	44435.592	28.825	30.216	26.929	1.021
10/2/2017 14:45	2738700	9.963	16.399	22.443	33908.582	40574.426	26.061	27.591	29.491	1.019
10/2/2017 15:00	2739600	9.967	16.399	22.451	35744.246	42770.09	27.628	29.084	27.977	1.02
10/2/2017 15:15	2740500	9.973	16.399	22.465	36816.125	44053.27	28.549	29.956	27.162	1.021
10/2/2017 15:30	2741400	9.949	16.399	22.411	37142.289	44443.641	28.83	30.222	26.923	1.021
10/2/2017 15:45	2742300	9.854	16.399	22.198	34490.16	41269.664	26.556	28.063	28.994	1.019
10/2/2017 16:00	2743200	9.884	16.398	22.265	35272.441	42207.242	27.225	28.701	28.351	1.02
10/2/2017 16:15	2744100	9.921	16.398	22.349	36852.324	44097.738	28.581	29.986	27.135	1.021
10/2/2017 16:30	2745000	9.942	16.398	22.396	37125.633	44424.781	28.817	30.209	26.936	1.021
10/2/2017 16:45	2745900	10.011	16.398	22.552	33510.621	40099.035	25.723	27.267	29.841	1.019
10/2/2017 17:00	2746800	9.907	16.4	22.317	34795.316	41634.289	26.816	28.311	28.74	1.019
10/2/2017 17:15	2747700	9.926	16.4	22.36	36253.645	43379.441	28.065	29.498	27.583	1.02
10/2/2017 17:30	2748600	9.945	16.399	22.403	37140.469	44441.195	28.828	30.22	26.925	1.021
10/2/2017 17:45	2749500	9.961	16.399	22.439	33739.699	40372.094	25.917	27.453	29.639	1.019
10/2/2017 18:00	2750400	9.974	16.4	22.468	36322.367	43461.406	28.124	29.554	27.531	1.02
10/2/2017 18:15	2751300	10.019	16.399	22.568	37159.5	44464.145	28.845	30.236	26.911	1.021
10/2/2017 18:30	2752200	10.064	16.399	22.669	33342.461	39896.289	25.58	27.129	29.992	1.018
10/2/2017 18:45	2753100	10.078	16.4	22.701	36104	43199.773	27.936	29.376	27.698	1.02
10/2/2017 19:00	2754000	10.022	16.398	22.575	37139.039	44440.379	28.828	30.219	26.926	1.021
10/2/2017 19:15	2754900	10.052	16.4	22.644	34097.102	40799.094	26.221	27.743	29.328	1.019
10/2/2017 19:30	2755800	10.043	16.401	22.623	36816.055	44051.32	28.548	29.955	27.162	1.021
10/2/2017 19:45	2756700	9.988	16.4	22.5	37126.922	44424.363	28.816	30.209	26.935	1.021
10/2/2017 20:00	2757600	10.005	16.4	22.538	35368.383	42319.496	27.305	28.777	28.274	1.02
10/2/2017 20:15	2758500	10.091	16.4	22.731	37027.086	44304.191	28.73	30.127	27.007	1.021
10/2/2017 20:30	2759400	10.037	16.399	22.609	33347.023	39902.152	25.584	27.133	29.988	1.018
10/2/2017 20:45	2760300	10.034	16.399	22.603	35703.16	42721.613	27.593	29.051	28.009	1.02
10/2/2017 21:00	2761200	10.09	16.4	22.729	37087.504	44377.105	28.782	30.176	26.963	1.021
10/2/2017 21:15	2762100	10.047	16.4	22.631	34038.906	40729.051	26.171	27.696	29.378	1.019
10/2/2017 21:30	2763000	10.033	16.4	22.601	36806.438	44040.18	28.54	29.947	27.169	1.021
10/2/2017 21:45	2763900	10.064	16.398	22.67	37171.844	44479.457	28.856	30.246	26.902	1.021
10/2/2017 22:00	2764800	10.061	16.399	22.664	35234.234	42160.418	27.192	28.669	28.381	1.02
10/2/2017 22:15	2765700	10.084	16.4	22.716	37041.445	44321.629	28.742	30.139	26.997	1.021
10/2/2017 22:30	2766600	10.07	16.398	22.683	33890.793	40553.383	26.046	27.576	29.507	1.019
10/2/2017 22:45	2767500	10.08	16.4	22.707	35728.746	42751.281	27.614	29.071	27.989	1.02
10/2/2017 23:00	2768400	10.085	16.4	22.718	37151.246	44453.469	28.837	30.228	26.917	1.021
10/2/2017 23:15	2769300	10.075	16.401	22.695	34101.406	40803.176	26.224	27.746	29.324	1.019
10/2/2017 23:30	2770200	10.07	16.401	22.684	36869.711	44115.52	28.594	29.999	27.123	1.021
10/2/2017 23:45	2771100	9.96	16.4	22.435	37132.625	44430.918	28.821	30.213	26.93	1.021
10/3/2017 0:00	2772000	10.043	16.399	22.622	34819.469	41664.375	26.837	28.332	28.72	1.019
10/3/2017 0:15	2772900	9.94	16.398	22.391	36633.285	43835.809	28.393	29.808	27.298	1.021
10/3/2017 0:30	2773800	9.908	16.398	22.319	37160.715	44466.316	28.846	30.237	26.91	1.021
10/3/2017 0:45	2774700	9.964	16.397	22.444	33259.027	39798.543	25.51	27.063	30.067	1.018
10/3/2017 1:00	2775600	9.968	16.397	22.455	35372.594	42328.027	27.311	28.783	28.27	1.02
10/3/2017 1:15	2776500	9.897	16.398	22.293	37022.977	44301.773	28.728	30.125</		

10/3/2017 23:30	2856600	9.938	16.396	22.386	34301.969	41047.203	26.397	27.912	29.153	1.019
10/3/2017 23:45	2857500	9.945	16.398	22.403	35514.988	42497.57	27.433	28.898	28.157	1.02
10/4/2017 0:00	2858400	9.899	16.398	22.298	37149.859	44453.949	28.838	30.229	26.918	1.021
10/4/2017 0:15	2859300	9.875	16.396	22.244	37128.34	44429.727	28.82	30.212	26.934	1.021
10/4/2017 0:30	2860200	9.905	16.397	22.313	34287.777	41029.809	26.385	27.9	29.165	1.019
10/4/2017 0:45	2861100	9.831	16.397	22.145	35816.867	42859.734	27.692	29.145	27.92	1.02
10/4/2017 1:00	2862000	9.873	16.396	22.241	37080.34	44372.551	28.779	30.173	26.968	1.021
10/4/2017 1:15	2862900	9.735	16.394	21.928	37191.484	44506.902	28.875	30.265	26.888	1.021
10/4/2017 1:30	2863800	9.795	16.394	22.063	34081.273	40785.086	26.211	27.734	29.342	1.019
10/4/2017 1:45	2864700	9.715	16.395	21.884	35188.211	42108.824	27.154	28.634	28.419	1.02
10/4/2017 2:00	2865600	9.755	16.393	21.973	36587.355	43785.441	28.356	29.774	27.332	1.021
10/4/2017 2:15	2866500	9.812	16.394	22.102	37180.664	44494.488	28.867	30.256	26.896	1.021
10/4/2017 2:30	2867400	9.716	16.394	21.886	37200.277	44518.137	28.884	30.272	26.882	1.021
10/4/2017 2:45	2868300	9.727	16.395	21.91	33835.094	40490.164	26.001	27.533	29.555	1.019
10/4/2017 3:00	2869200	9.666	16.393	21.775	35317.258	42265.555	27.266	28.741	28.315	1.02
10/4/2017 3:15	2870100	9.616	16.393	21.661	35668.551	42686.043	27.567	29.027	28.036	1.02
10/4/2017 3:30	2871000	9.601	16.393	21.628	36238.391	43367.91	28.056	29.49	27.595	1.02
10/4/2017 3:45	2871900	9.637	16.393	21.708	36848.32	44097.484	28.581	29.986	27.138	1.021
10/4/2017 4:00	2872800	9.604	16.394	21.635	37071.488	44363.301	28.772	30.167	26.975	1.021
10/4/2017 4:15	2873700	9.518	16.393	21.441	37160.504	44471.617	28.85	30.241	26.91	1.021
10/4/2017 4:30	2874600	9.586	16.392	21.592	37186.18	44503.332	28.873	30.262	26.892	1.021
10/4/2017 4:45	2875500	9.637	16.392	21.708	37200.828	44520.618	28.885	30.274	26.881	1.021
10/4/2017 5:00	2876400	9.565	16.39	21.547	37294.777	44634.824	28.967	30.352	26.813	1.021
10/4/2017 5:15	2877300	9.6	16.394	21.626	33838.188	40494.672	26.004	27.536	29.552	1.019
10/4/2017 5:30	2878200	9.673	16.394	21.789	35649.395	42661.524	27.55	29.01	28.051	1.02
10/4/2017 5:45	2879100	9.637	16.394	21.708	36817.645	44060.414	28.554	29.961	27.161	1.021
10/4/2017 6:00	2880000	9.573	16.393	21.565	37072.898	44366.684	28.774	30.169	26.974	1.021
10/4/2017 6:15	2880900	9.624	16.392	21.68	37222.145	44546.102	28.904	30.291	26.866	1.021
10/4/2017 6:30	2881800	9.737	16.393	21.935	32697.479	39130.52	25.037	26.609	30.583	1.018
10/4/2017 6:45	2882700	9.818	16.393	22.117	34982.789	41865.449	26.98	28.469	28.585	1.02
10/4/2017 7:00	2883600	9.687	16.394	21.822	35356.184	42311.195	27.299	28.772	28.284	1.02
10/4/2017 7:15	2884500	9.627	16.393	21.687	36742.348	43971.277	28.49	29.9	27.217	1.021
10/4/2017 7:30	2885400	9.692	16.394	21.831	37126.887	44430.395	28.82	30.213	26.935	1.021
10/4/2017 7:45	2886300	9.71	16.394	21.872	37167.766	44479.316	28.856	30.246	26.905	1.021
10/4/2017 8:00	2887200	9.673	16.394	21.789	33794.645	40441.914	25.967	27.501	29.59	1.019
10/4/2017 8:15	2888100	9.785	16.395	22.041	35258.43	42193.203	27.215	28.691	28.362	1.02
10/4/2017 8:30	2889000	9.803	16.395	22.083	36844.375	44090.543	28.576	29.982	27.141	1.021
10/4/2017 8:45	2889900	9.877	16.395	22.249	37146.879	44452.98	28.837	30.228	26.92	1.021
10/4/2017 9:00	2890800	9.836	16.394	22.157	37144.406	44450.828	28.835	30.227	26.922	1.021
10/4/2017 9:15	2891700	9.881	16.395	22.258	34732.238	41563.844	26.765	28.263	28.792	1.019
10/4/2017 9:30	2892600	9.787	16.395	22.046	36858.57	44107.613	28.588	29.993	27.131	1.021
10/4/2017 9:45	2893500	9.812	16.395	22.103	37136.645	44440.563	28.828	30.22	26.928	1.021
10/4/2017 10:00	2894400	9.875	16.395	22.244	33780.742	40425.195	25.955	27.489	29.603	1.019
10/4/2017 10:15	2895300	9.872	16.395	22.237	35429.391	42397.531	27.361	28.83	28.225	1.02
10/4/2017 10:30	2896200	9.896	16.397	22.291	36970.898	44240.781	28.684	30.084	27.048	1.021
10/4/2017 10:45	2897100	9.861	16.396	22.214	37162.805	44471.055	28.85	30.24	26.909	1.021
10/4/2017 11:00	2898000	9.885	16.396	22.267	34085.02	40788.418	26.213	27.736	29.338	1.019
10/4/2017 11:15	2898900	9.924	16.395	22.356	36579.27	43773.641	28.348	29.766	27.338	1.021
10/4/2017 11:30	2899800	9.892	16.395	22.283	37075.816	44367.77	28.775	30.17	26.972	1.021
10/4/2017 11:45	2900700	9.817	16.396	22.114	33832.895	40486.301	25.998	27.531	29.557	1.019
10/4/2017 12:00	2901600	9.791	16.396	22.054	35799.859	42840.168	27.678	29.131	27.933	1.02
10/4/2017 12:15	2902500	9.819	16.396	22.118	37006.961	44284.738	28.716	30.114	27.022	1.021
10/4/2017 12:30	2903400	9.783	16.395	22.037	37141.656	44447.004	28.832	30.224	26.924	1.021
10/4/2017 12:45	2904300	9.852	16.394	22.192	33721.207	40354.441	25.904	27.441	29.655	1.019
10/4/2017 13:00	2905200	9.787	16.395	22.047	36011.125	43093.941	27.86	29.304	27.769	1.02
10/4/2017 13:15	2906100	9.779	16.393	22.027	37074.148	44367.555	28.775	30.17	26.973	1.021
10/4/2017 13:30	2907000	9.745	16.394	21.95	37111.73	44411.461	28.807	30.2	26.946	1.021
10/4/2017 13:45	2907900	9.809	16.393	22.097	37169.418	44482.371	28.858	30.248	26.904	1.021
10/4/2017 14:00	2908800	9.657	16.392	21.753	33979.566	40665.754	26.126	27.653	29.429	1.019
10/4/2017 14:15	2909700	9.713	16.393	21.879	34968.301	41848.027	26.968	28.457	28.597	1.019
10/4/2017 14:30	2910600	9.761	16.393	21.988	36771.758	44006.215	28.515	29.924	27.195	1.021
10/4/2017 14:45	2911500	9.703	16.392	21.856	37080.34	44376.395	28.781	30.176	26.968	1.021
10/4/2017 15:00	2912400	9.647	16.394	21.73	37172.109	44484.609	28.859	30.25	26.902	1.021
10/4/2017 15:15	2913300	9.651	16.391	21.739	37189.785	44508.785	28.876	30.266	26.889	1.021
10/4/2017 15:30	2914200	9.661	16.391	21.763	33751.164	40392.969	25.932	27.467	29.629	1.019
10/4/2017 15:45	2915100	9.6	16.392	21.626	34915.621	41786.082	26.924	28.415	28.64	1.019
10/4/2017 16:00	2916000	9.642	16.392	21.721	35690.699	42713.496	27.587	29.045	28.019	1.02
10/4/2017 16:15	2916900	9.572	16.391	21.562	36910.469	44174.262	28.636	30.038	27.093	1.021
10/4/2017 16:30	2917800	9.592	16.392	21.606	37072.422	44367.012	28.775	30.17	26.974	1.021
10/4/2017 16:45	2918700	9.551	16.393	21.516	37155.215	44464.941	28.845	30.236	26.914	1.021
10/4/2017 17:00	2919600	9.583	16.39	21.586	33118.344	39636.176	25.395	26.953	30.195	1.018
10/4/2017 17:15	2920500	9.54	16.391	21.49	34368.34	41131.855	26.457	27.97	29.097	1.019
10/4/2017 17:30	2921400	9.621	16.39	21.672	34937.488	41813.848	26.943	28.433	28.623	1.019
10/4/2017 17:45	2922300	9.557	16.391	21.528	36176.832	43296.152	28.005	29.441	27.642	1.02
10/4/2017 18:00	2923200	22.562	16.293	50.823	37733.574	45260.301	29.413	30.777	26.502	1.021
10/4/2017 18:15	2924100	23.515	16.373	52.97	39545.02	47346.734	30.931	32.196	25.288	1.023
10/4/2017 18:30	2925000	23.833	16.391	53.686	40176.512	48083.34	31.468	32.697	24.89	1.023
10/4/2017 18:45	2925900	24.037	16.402	54.146	39870.855	47705.215	31.193	32.44	25.081	1.023
10/4/2017 19:00	2926800	24.192	16.363	54.495	39615.555	47442.176	30.999	32.261	25.243	1.023
10/4/2017 19:15	2927700	24.318	16.321	54.779	39514.184	47366.32	30.941	32.209	25.307	1.023
10/4/2017 19:30	2928600	24.427	16.271	55.024	39296.297	47158.645	30.787	32.068	25.448	1.022
10/4/2017 19:45	2929500	24.515	16.208	55.223	39290.871	47220.652	30.828	32.11	25.451	1.022
10/4/2017 20:00	2930400.01	24.597	15.806	55.408	39882.477	48377.91	31.644	32.897	25.074	1.023
10/4/2017 20:15	2931300	24.676	15.51	55.586	40124.359	49007.879	32.082	33.325	24.923	1.024
10/4/2017 20:30	2932200	24.744	15.392	55.738	40213.457	49251.609	32.251	33.491	24.867	1.024
10/4/2017 20:45	2933100	24.811	15.357	55.89	40209.801	49287.34	32.275	33.515	24.87	1.024
10/4/2017 21:00	2934000	24.87	15.341	56.022	40185.434	49275.965	32.265	33.508	24.885	1.024
10/4/2017 21:15	2934900	24.921	15.309	56.136	40116.09	49228.598	32.228	33.475	24.928	1.024
10/4/2017 21:30	2935800	24.966	15.285	56.239	39996.727	49109.434	32.139	33.394	25.002	1.024
10/4/2017 21:45	2936700	25.013	15.284	56.344	39857.914	48940.219				

Serial_number: 2003874

Project ID:

MPWSP Monitoring Wells Barologge

Location:

MW-5M Baro

LEVEL

UNIT: psi

TEMPERATURE

UNIT: °C

Date	Time	ms	LEVEL	TEMPERATURE	
9/28/2017	0:00:00		0	14.6505	13.137
9/28/2017	0:15:00		0	14.6491	12.904
9/28/2017	0:30:00		0	14.6497	12.721
9/28/2017	0:45:00		0	14.6501	12.639
9/28/2017	1:00:00		0	14.6494	12.584
9/28/2017	1:15:00		0	14.6482	12.54
9/28/2017	1:30:00		0	14.6478	12.394
9/28/2017	1:45:00		0	14.648	12.141
9/28/2017	2:00:00		0	14.6468	11.93
9/28/2017	2:15:00		0	14.6472	11.85
9/28/2017	2:30:00		0	14.6462	11.736
9/28/2017	2:45:00		0	14.6451	11.634
9/28/2017	3:00:00		0	14.6445	11.622
9/28/2017	3:15:00		0	14.6437	11.559
9/28/2017	3:30:00		0	14.6434	11.577
9/28/2017	3:45:00		0	14.6438	11.575
9/28/2017	4:00:00		0	14.6436	11.57
9/28/2017	4:15:00		0	14.6447	11.469
9/28/2017	4:30:00		0	14.6451	11.389
9/28/2017	4:45:00		0	14.6455	11.281
9/28/2017	5:00:00		0	14.646	11.235
9/28/2017	5:15:00		0	14.6485	11.197
9/28/2017	5:30:00		0	14.6478	11.106
9/28/2017	5:45:00		0	14.6505	11.122
9/28/2017	6:00:00		0	14.6508	11.132
9/28/2017	6:15:00		0	14.6524	11.156
9/28/2017	6:30:00		0	14.6524	11.106
9/28/2017	6:45:00		0	14.6525	11.157
9/28/2017	7:00:00		0	14.6518	11.093
9/28/2017	7:15:00		0	14.6534	11.096
9/28/2017	7:30:00		0	14.6559	11.592
9/28/2017	7:45:00		0	14.6577	12.542
9/28/2017	8:00:00		0	14.6583	13.711
9/28/2017	8:15:00		0	14.6612	15.048
9/28/2017	8:30:00		0	14.6632	16.368
9/28/2017	8:45:00		0	14.6644	17.68
9/28/2017	9:00:00		0	14.6647	18.995
9/28/2017	9:15:00		0	14.6649	20.385
9/28/2017	9:30:00		0	14.6642	21.792
9/28/2017	9:45:00		0	14.664	23.208
9/28/2017	10:00:00		0	14.6643	24.528
9/28/2017	10:15:00		0	14.6638	25.746
9/28/2017	10:30:00		0	14.6621	27.021
9/28/2017	10:45:00		0	14.6603	28.108
9/28/2017	11:00:00		0	14.6572	29.275
9/28/2017	11:15:00		0	14.6549	30.433
9/28/2017	11:30:00		0	14.6544	31.014
9/28/2017	11:45:00		0	14.6548	30.317
9/28/2017	12:00:00		0	14.6542	29.425
9/28/2017	12:15:00		0	14.6557	28.294
9/28/2017	12:30:00		0	14.6558	27.65
9/28/2017	12:45:00		0	14.6557	27.067
9/28/2017	13:00:00		0	14.6557	26.255
9/28/2017	13:15:00		0	14.6542	25.477
9/28/2017	13:30:00		0	14.652	24.922
9/28/2017	13:45:00		0	14.6511	24.732
9/28/2017	14:00:00		0	14.6514	24.474
9/28/2017	14:15:00		0	14.6506	24.138
9/28/2017	14:30:00		0	14.6485	24.419
9/28/2017	14:45:00		0	14.649	24.795
9/28/2017	15:00:00		0	14.6491	24.344
9/28/2017	15:15:00		0	14.6482	23.775
9/28/2017	15:30:00		0	14.6492	23.378
9/28/2017	15:45:00		0	14.6483	22.083
9/28/2017	16:00:00		0	14.6496	20.359
9/28/2017	16:15:00		0	14.6514	19.19
9/28/2017	16:30:00		0	14.6529	18.313
9/28/2017	16:45:00		0	14.6526	17.663

9/28/2017	17:00:00	0	14.6515	17.312
9/28/2017	17:15:00	0	14.6508	17.13
9/28/2017	17:30:00	0	14.6524	17.059
9/28/2017	17:45:00	0	14.6517	16.875
9/28/2017	18:00:00	0	14.6522	16.711
9/28/2017	18:15:00	0	14.6526	16.501
9/28/2017	18:30:00	0	14.6525	16.176
9/28/2017	18:45:00	0	14.6533	15.864
9/28/2017	19:00:00	0	14.6519	15.488
9/28/2017	19:15:00	0	14.6532	15.2
9/28/2017	19:30:00	0	14.6524	14.976
9/28/2017	19:45:00	0	14.6529	14.752
9/28/2017	20:00:00	0	14.6542	14.568
9/28/2017	20:15:00	0	14.653	14.375
9/28/2017	20:30:00	0	14.6582	14.185
9/28/2017	20:45:00	0	14.6572	14.089
9/28/2017	21:00:00	0	14.6591	13.911
9/28/2017	21:15:00	0	14.6601	13.752
9/28/2017	21:30:00	0	14.6585	13.682
9/28/2017	21:45:00	0	14.6595	13.665
9/28/2017	22:00:00	0	14.66	13.525
9/28/2017	22:15:00	0	14.6596	13.476
9/28/2017	22:30:00	0	14.6623	13.387
9/28/2017	22:45:00	0	14.6671	13.437
9/28/2017	23:00:00	0	14.6672	13.485
9/28/2017	23:15:00	0	14.6666	13.434
9/28/2017	23:30:00	0	14.665	13.374
9/28/2017	23:45:00	0	14.6657	13.399
9/29/2017	0:00:00	0	14.6675	13.335
9/29/2017	0:15:00	0	14.6668	13.345
9/29/2017	0:30:00	0	14.6643	13.349
9/29/2017	0:45:00	0	14.6699	13.197
9/29/2017	1:00:00	0	14.6646	13.106
9/29/2017	1:15:00	0	14.6666	13.305
9/29/2017	1:30:00	0	14.6674	13.432
9/29/2017	1:45:00	0	14.6683	13.531
9/29/2017	2:00:00	0	14.6663	13.561
9/29/2017	2:15:00	0	14.6682	13.494
9/29/2017	2:30:00	0	14.6679	13.542
9/29/2017	2:45:00	0	14.6701	13.512
9/29/2017	3:00:00	0	14.6683	13.539
9/29/2017	3:15:00	0	14.6683	13.571
9/29/2017	3:30:00	0	14.6687	13.588
9/29/2017	3:45:00	0	14.6698	13.628
9/29/2017	4:00:00	0	14.6678	13.693
9/29/2017	4:15:00	0	14.6675	13.736
9/29/2017	4:30:00	0	14.6719	13.751
9/29/2017	4:45:00	0	14.6699	13.75
9/29/2017	5:00:00	0	14.671	13.726
9/29/2017	5:15:00	0	14.6682	13.714
9/29/2017	5:30:00	0	14.6664	13.639
9/29/2017	5:45:00	0	14.6687	13.564
9/29/2017	6:00:00	0	14.6718	13.41
9/29/2017	6:15:00	0	14.6744	13.257
9/29/2017	6:30:00	0	14.6718	13.13
9/29/2017	6:45:00	0	14.6691	12.962
9/29/2017	7:00:00	0	14.6707	12.837
9/29/2017	7:15:00	0	14.6698	12.757
9/29/2017	7:30:00	0	14.6715	12.669
9/29/2017	7:45:00	0	14.6867	12.759
9/29/2017	8:00:00	0	14.6858	12.867
9/29/2017	8:15:00	0	14.6839	12.935
9/29/2017	8:30:00	0	14.6901	13.051
9/29/2017	8:45:00	0	14.6876	13.33
9/29/2017	9:00:00	0	14.6863	13.648
9/29/2017	9:15:00	0	14.6884	14.079
9/29/2017	9:30:00	0	14.6872	14.587
9/29/2017	9:45:00	0	14.6817	15.291
9/29/2017	10:00:00	0	14.6794	16.776
9/29/2017	10:15:00	0	14.6775	18.96
9/29/2017	10:30:00	0	14.6786	21.052
9/29/2017	10:45:00	0	14.6831	22.657
9/29/2017	11:00:00	0	14.6852	23.784
9/29/2017	11:15:00	0	14.6881	23.151
9/29/2017	11:30:00	0	14.6887	22.998
9/29/2017	11:45:00	0	14.6847	23.658
9/29/2017	12:00:00	0	14.684	24.464
9/29/2017	12:15:00	0	14.6832	24.887
9/29/2017	12:30:00	0	14.6782	24.592

9/29/2017	12:45:00	0	14.6761	24.158
9/29/2017	13:00:00	0	14.6765	23.588
9/29/2017	13:15:00	0	14.6783	22.385
9/29/2017	13:30:00	0	14.6794	21.79
9/29/2017	13:45:00	0	14.6839	21.138
9/29/2017	14:00:00	0	14.6846	20.958
9/29/2017	14:15:00	0	14.679	20.971
9/29/2017	14:30:00	0	14.6789	20.883
9/29/2017	14:45:00	0	14.6783	20.58
9/29/2017	15:00:00	0	14.6761	20.712
9/29/2017	15:15:00	0	14.6772	20.546
9/29/2017	15:30:00	0	14.6788	20.2
9/29/2017	15:45:00	0	14.6763	19.157
9/29/2017	16:00:00	0	14.672	18.08
9/29/2017	16:15:00	0	14.669	17.478
9/29/2017	16:30:00	0	14.6696	17.049
9/29/2017	16:45:00	0	14.6669	16.706
9/29/2017	17:00:00	0	14.668	16.482
9/29/2017	17:15:00	0	14.6662	16.493
9/29/2017	17:30:00	0	14.6654	16.379
9/29/2017	17:45:00	0	14.6652	16.283
9/29/2017	18:00:00	0	14.6645	16.07
9/29/2017	18:15:00	0	14.6605	15.747
9/29/2017	18:30:00	0	14.6596	15.373
9/29/2017	18:45:00	0	14.6642	15.01
9/29/2017	19:00:00	0	14.6619	14.728
9/29/2017	19:15:00	0	14.6633	14.475
9/29/2017	19:30:00	0	14.6644	14.32
9/29/2017	19:45:00	0	14.6664	14.18
9/29/2017	20:00:00	0	14.6676	14.04
9/29/2017	20:15:00	0	14.6668	13.933
9/29/2017	20:30:00	0	14.6636	13.806
9/29/2017	20:45:00	0	14.6693	13.722
9/29/2017	21:00:00	0	14.671	13.68
9/29/2017	21:15:00	0	14.6755	13.665
9/29/2017	21:30:00	0	14.6745	13.696
9/29/2017	21:45:00	0	14.6746	13.738
9/29/2017	22:00:00	0	14.6759	13.715
9/29/2017	22:15:00	0	14.6768	13.682
9/29/2017	22:30:00	0	14.6789	13.647
9/29/2017	22:45:00	0	14.6784	13.673
9/29/2017	23:00:00	0	14.6809	13.698
9/29/2017	23:15:00	0	14.6799	13.634
9/29/2017	23:30:00	0	14.6806	13.673
9/29/2017	23:45:00	0	14.68	13.65
9/30/2017	0:00:00	0	14.6781	13.607
9/30/2017	0:15:00	0	14.6765	13.531
9/30/2017	0:30:00	0	14.6768	13.437
9/30/2017	0:45:00	0	14.6788	13.49
9/30/2017	1:00:00	0	14.6786	13.623
9/30/2017	1:15:00	0	14.6762	13.664
9/30/2017	1:30:00	0	14.6782	13.732
9/30/2017	1:45:00	0	14.6806	13.807
9/30/2017	2:00:00	0	14.6785	13.868
9/30/2017	2:15:00	0	14.6791	13.954
9/30/2017	2:30:00	0	14.6777	14.013
9/30/2017	2:45:00	0	14.6765	14.085
9/30/2017	3:00:00	0	14.6741	14.084
9/30/2017	3:15:00	0	14.6729	14.024
9/30/2017	3:30:00	0	14.6731	13.974
9/30/2017	3:45:00	0	14.6726	13.953
9/30/2017	4:00:00	0	14.6722	13.858
9/30/2017	4:15:00	0	14.6703	13.815
9/30/2017	4:30:00	0	14.6696	13.716
9/30/2017	4:45:00	0	14.6692	13.734
9/30/2017	5:00:00	0	14.67	13.701
9/30/2017	5:15:00	0	14.6696	13.716
9/30/2017	5:30:00	0	14.6724	13.796
9/30/2017	5:45:00	0	14.6739	13.811
9/30/2017	6:00:00	0	14.6742	13.827
9/30/2017	6:15:00	0	14.6758	13.872
9/30/2017	6:30:00	0	14.6779	13.87
9/30/2017	6:45:00	0	14.6801	13.857
9/30/2017	7:00:00	0	14.6822	13.852
9/30/2017	7:15:00	0	14.6826	13.737
9/30/2017	7:30:00	0	14.6835	13.805
9/30/2017	7:45:00	0	14.6842	13.873
9/30/2017	8:00:00	0	14.6857	14.025
9/30/2017	8:15:00	0	14.6865	14.239

9/30/2017	8:30:00	0	14.6898	14.459
9/30/2017	8:45:00	0	14.6905	14.647
9/30/2017	9:00:00	0	14.6886	15.808
9/30/2017	9:15:00	0	14.6911	17.568
9/30/2017	9:30:00	0	14.6919	18.855
9/30/2017	9:45:00	0	14.6889	20.369
9/30/2017	10:00:00	0	14.6891	21.769
9/30/2017	10:15:00	0	14.6898	22.592
9/30/2017	10:30:00	0	14.689	23.37
9/30/2017	10:45:00	0	14.6879	23.506
9/30/2017	11:00:00	0	14.6867	23.886
9/30/2017	11:15:00	0	14.6855	23.637
9/30/2017	11:30:00	0	14.6853	23.244
9/30/2017	11:45:00	0	14.6833	23.33
9/30/2017	12:00:00	0	14.6824	23.499
9/30/2017	12:15:00	0	14.6824	23.01
9/30/2017	12:30:00	0	14.6805	22.597
9/30/2017	12:45:00	0	14.6772	22.049
9/30/2017	13:00:00	0	14.6769	21.69
9/30/2017	13:15:00	0	14.6765	21.821
9/30/2017	13:30:00	0	14.6723	22.04
9/30/2017	13:45:00	0	14.6698	22.534
9/30/2017	14:00:00	0	14.6665	22.554
9/30/2017	14:15:00	0	14.6634	22.658
9/30/2017	14:30:00	0	14.6635	22.381
9/30/2017	14:45:00	0	14.6635	21.805
9/30/2017	15:00:00	0	14.6609	21.423
9/30/2017	15:15:00	0	14.6605	21.168
9/30/2017	15:30:00	0	14.6606	20.675
9/30/2017	15:45:00	0	14.6597	19.252
9/30/2017	16:00:00	0	14.6605	17.971
9/30/2017	16:15:00	0	14.6577	17.099
9/30/2017	16:30:00	0	14.654	16.601
9/30/2017	16:45:00	0	14.6507	16.286
9/30/2017	17:00:00	0	14.6506	16.228
9/30/2017	17:15:00	0	14.6497	16.119
9/30/2017	17:30:00	0	14.6477	15.843
9/30/2017	17:45:00	0	14.6469	15.652
9/30/2017	18:00:00	0	14.6465	15.449
9/30/2017	18:15:00	0	14.6449	15.336
9/30/2017	18:30:00	0	14.6439	15.183
9/30/2017	18:45:00	0	14.6455	14.993
9/30/2017	19:00:00	0	14.6472	14.745
9/30/2017	19:15:00	0	14.6471	14.527
9/30/2017	19:30:00	0	14.6501	14.338
9/30/2017	19:45:00	0	14.6497	14.186
9/30/2017	20:00:00	0	14.6505	14.053
9/30/2017	20:15:00	0	14.6536	13.918
9/30/2017	20:30:00	0	14.6542	13.867
9/30/2017	20:45:00	0	14.6573	13.796
9/30/2017	21:00:00	0	14.6575	13.773
9/30/2017	21:15:00	0	14.6588	13.707
9/30/2017	21:30:00	0	14.6589	13.616
9/30/2017	21:45:00	0	14.6596	13.573
9/30/2017	22:00:00	0	14.6572	13.481
9/30/2017	22:15:00	0	14.6569	13.373
9/30/2017	22:30:00	0	14.6577	13.319
9/30/2017	22:45:00	0	14.6572	13.216
9/30/2017	23:00:00	0	14.6569	13.127
9/30/2017	23:15:00	0	14.6568	12.978
9/30/2017	23:30:00	0	14.6582	12.885
9/30/2017	23:45:00	0	14.6582	12.692
10/1/2017	0:00:00	0	14.6571	12.497
10/1/2017	0:15:00	0	14.6552	12.288
10/1/2017	0:30:00	0	14.6551	12.181
10/1/2017	0:45:00	0	14.6534	12.047
10/1/2017	1:00:00	0	14.6506	11.912
10/1/2017	1:15:00	0	14.6508	11.703
10/1/2017	1:30:00	0	14.6498	11.566
10/1/2017	1:45:00	0	14.6461	11.479
10/1/2017	2:00:00	0	14.6439	11.422
10/1/2017	2:15:00	0	14.6441	11.294
10/1/2017	2:30:00	0	14.6438	11.011
10/1/2017	2:45:00	0	14.6437	10.807
10/1/2017	3:00:00	0	14.6449	10.75
10/1/2017	3:15:00	0	14.6466	10.618
10/1/2017	3:30:00	0	14.6484	10.547
10/1/2017	3:45:00	0	14.6437	10.446
10/1/2017	4:00:00	0	14.6379	10.466

10/1/2017	4:15:00	0	14.6368	10.5
10/1/2017	4:30:00	0	14.6369	10.57
10/1/2017	4:45:00	0	14.6389	10.825
10/1/2017	5:00:00	0	14.6441	11.132
10/1/2017	5:15:00	0	14.6508	11.042
10/1/2017	5:30:00	0	14.6466	11.081
10/1/2017	5:45:00	0	14.6451	11.137
10/1/2017	6:00:00	0	14.6474	11.278
10/1/2017	6:15:00	0	14.6476	11.434
10/1/2017	6:30:00	0	14.6498	11.515
10/1/2017	6:45:00	0	14.6537	11.806
10/1/2017	7:00:00	0	14.6578	12.112
10/1/2017	7:15:00	0	14.6597	12.277
10/1/2017	7:30:00	0	14.6589	12.426
10/1/2017	7:45:00	0	14.659	12.62
10/1/2017	8:00:00	0	14.6584	12.834
10/1/2017	8:15:00	0	14.6614	13.12
10/1/2017	8:30:00	0	14.6638	13.475
10/1/2017	8:45:00	0	14.6632	13.715
10/1/2017	9:00:00	0	14.6629	14.034
10/1/2017	9:15:00	0	14.6641	14.643
10/1/2017	9:30:00	0	14.6632	15.314
10/1/2017	9:45:00	0	14.6601	16.511
10/1/2017	10:00:00	0	14.6591	18.429
10/1/2017	10:15:00	0	14.6563	20.66
10/1/2017	10:30:00	0	14.6529	22.559
10/1/2017	10:45:00	0	14.6494	24.199
10/1/2017	11:00:00	0	14.646	25.622
10/1/2017	11:15:00	0	14.646	26.718
10/1/2017	11:30:00	0	14.645	27.295
10/1/2017	11:45:00	0	14.645	26.39
10/1/2017	12:00:00	0	14.6456	24.834
10/1/2017	12:15:00	0	14.6459	23.447
10/1/2017	12:30:00	0	14.6456	22.422
10/1/2017	12:45:00	0	14.6437	21.941
10/1/2017	13:00:00	0	14.6415	21.964
10/1/2017	13:15:00	0	14.6367	22.164
10/1/2017	13:30:00	0	14.6334	22.497
10/1/2017	13:45:00	0	14.6337	22.676
10/1/2017	14:00:00	0	14.6308	22.737
10/1/2017	14:15:00	0	14.6277	22.814
10/1/2017	14:30:00	0	14.625	22.503
10/1/2017	14:45:00	0	14.6228	22.251
10/1/2017	15:00:00	0	14.6169	22.098
10/1/2017	15:15:00	0	14.6128	21.608
10/1/2017	15:30:00	0	14.6111	20.636
10/1/2017	15:45:00	0	14.6093	19.087
10/1/2017	16:00:00	0	14.6077	17.961
10/1/2017	16:15:00	0	14.6095	17.475
10/1/2017	16:30:00	0	14.6033	17.202
10/1/2017	16:45:00	0	14.6066	16.751
10/1/2017	17:00:00	0	14.604	16.584
10/1/2017	17:15:00	0	14.6031	16.449
10/1/2017	17:30:00	0	14.6043	16.281
10/1/2017	17:45:00	0	14.6005	16.08
10/1/2017	18:00:00	0	14.6024	15.867
10/1/2017	18:15:00	0	14.6048	15.59
10/1/2017	18:30:00	0	14.6032	15.172
10/1/2017	18:45:00	0	14.6032	14.712
10/1/2017	19:00:00	0	14.6042	14.378
10/1/2017	19:15:00	0	14.6057	14.111
10/1/2017	19:30:00	0	14.6049	13.798
10/1/2017	19:45:00	0	14.6047	13.548
10/1/2017	20:00:00	0	14.6025	13.346
10/1/2017	20:15:00	0	14.6016	13.177
10/1/2017	20:30:00	0	14.6028	13.006
10/1/2017	20:45:00	0	14.6037	12.866
10/1/2017	21:00:00	0	14.6037	12.749
10/1/2017	21:15:00	0	14.6056	12.644
10/1/2017	21:30:00	0	14.6061	12.551
10/1/2017	21:45:00	0	14.6005	12.421
10/1/2017	22:00:00	0	14.6026	12.261
10/1/2017	22:15:00	0	14.6006	12.163
10/1/2017	22:30:00	0	14.5983	11.95
10/1/2017	22:45:00	0	14.5979	11.819
10/1/2017	23:00:00	0	14.5964	11.697
10/1/2017	23:15:00	0	14.5961	11.637
10/1/2017	23:30:00	0	14.594	11.555
10/1/2017	23:45:00	0	14.5936	11.377

10/2/2017	0:00:00	0	14.5961	11.158
10/2/2017	0:15:00	0	14.5969	10.972
10/2/2017	0:30:00	0	14.5986	10.651
10/2/2017	0:45:00	0	14.5968	10.277
10/2/2017	1:00:00	0	14.596	9.87
10/2/2017	1:15:00	0	14.5912	9.541
10/2/2017	1:30:00	0	14.5915	9.451
10/2/2017	1:45:00	0	14.5927	9.412
10/2/2017	2:00:00	0	14.5931	9.316
10/2/2017	2:15:00	0	14.5936	9.136
10/2/2017	2:30:00	0	14.5936	8.991
10/2/2017	2:45:00	0	14.5907	8.836
10/2/2017	3:00:00	0	14.5907	8.667
10/2/2017	3:15:00	0	14.5904	8.501
10/2/2017	3:30:00	0	14.5905	8.176
10/2/2017	3:45:00	0	14.5892	7.922
10/2/2017	4:00:00	0	14.589	7.804
10/2/2017	4:15:00	0	14.5896	7.553
10/2/2017	4:30:00	0	14.5906	7.64
10/2/2017	4:45:00	0	14.5926	7.536
10/2/2017	5:00:00	0	14.5928	7.36
10/2/2017	5:15:00	0	14.5918	7.312
10/2/2017	5:30:00	0	14.5918	7.462
10/2/2017	5:45:00	0	14.5914	7.514
10/2/2017	6:00:00	0	14.5918	7.785
10/2/2017	6:15:00	0	14.5934	7.885
10/2/2017	6:30:00	0	14.5951	8.039
10/2/2017	6:45:00	0	14.5968	7.842
10/2/2017	7:00:00	0	14.5981	7.758
10/2/2017	7:15:00	0	14.6001	7.51
10/2/2017	7:30:00	0	14.6014	7.659
10/2/2017	7:45:00	0	14.6028	7.961
10/2/2017	8:00:00	0	14.6046	9.469
10/2/2017	8:15:00	0	14.6091	11.443
10/2/2017	8:30:00	0	14.6102	13.336
10/2/2017	8:45:00	0	14.6152	15.116
10/2/2017	9:00:00	0	14.6187	16.769
10/2/2017	9:15:00	0	14.6176	18.607
10/2/2017	9:30:00	0	14.6171	20.626
10/2/2017	9:45:00	0	14.6172	22.451
10/2/2017	10:00:00	0	14.6174	24.085
10/2/2017	10:15:00	0	14.617	25.412
10/2/2017	10:30:00	0	14.6165	26.528
10/2/2017	10:45:00	0	14.6143	27.547
10/2/2017	11:00:00	0	14.6125	28.609
10/2/2017	11:15:00	0	14.6109	29.553
10/2/2017	11:30:00	0	14.6106	29.693
10/2/2017	11:45:00	0	14.612	29.067
10/2/2017	12:00:00	0	14.6106	28.578
10/2/2017	12:15:00	0	14.6094	27.889
10/2/2017	12:30:00	0	14.6092	27.053
10/2/2017	12:45:00	0	14.6077	26.005
10/2/2017	13:00:00	0	14.6067	25.115
10/2/2017	13:15:00	0	14.6052	24.738
10/2/2017	13:30:00	0	14.604	24.242
10/2/2017	13:45:00	0	14.6002	23.61
10/2/2017	14:00:00	0	14.5982	22.792
10/2/2017	14:15:00	0	14.595	22.515
10/2/2017	14:30:00	0	14.5941	21.994
10/2/2017	14:45:00	0	14.591	21.476
10/2/2017	15:00:00	0	14.5906	20.975
10/2/2017	15:15:00	0	14.5897	20.107
10/2/2017	15:30:00	0	14.5898	19.187
10/2/2017	15:45:00	0	14.5882	17.575
10/2/2017	16:00:00	0	14.5889	16.377
10/2/2017	16:15:00	0	14.587	15.711
10/2/2017	16:30:00	0	14.5855	15.314
10/2/2017	16:45:00	0	14.5877	15.028
10/2/2017	17:00:00	0	14.5901	14.932
10/2/2017	17:15:00	0	14.5899	14.836
10/2/2017	17:30:00	0	14.589	14.639
10/2/2017	17:45:00	0	14.5899	14.481
10/2/2017	18:00:00	0	14.5882	14.311
10/2/2017	18:15:00	0	14.5879	14.067
10/2/2017	18:30:00	0	14.5896	13.892
10/2/2017	18:45:00	0	14.5819	13.642
10/2/2017	19:00:00	0	14.5883	13.276
10/2/2017	19:15:00	0	14.5856	13.099
10/2/2017	19:30:00	0	14.585	12.681

10/2/2017	19:45:00	0	14.5858	12.477
10/2/2017	20:00:00	0	14.5887	12.248
10/2/2017	20:15:00	0	14.5884	12.116
10/2/2017	20:30:00	0	14.5868	11.979
10/2/2017	20:45:00	0	14.5864	11.861
10/2/2017	21:00:00	0	14.589	11.773
10/2/2017	21:15:00	0	14.5877	11.632
10/2/2017	21:30:00	0	14.586	11.528
10/2/2017	21:45:00	0	14.5879	11.484
10/2/2017	22:00:00	0	14.59	11.413
10/2/2017	22:15:00	0	14.5878	11.332
10/2/2017	22:30:00	0	14.5846	11.253
10/2/2017	22:45:00	0	14.5827	11.175
10/2/2017	23:00:00	0	14.5837	11.068
10/2/2017	23:15:00	0	14.582	11.059
10/2/2017	23:30:00	0	14.5804	11.111
10/2/2017	23:45:00	0	14.5779	11.259
10/3/2017	0:00:00	0	14.5776	11.491
10/3/2017	0:15:00	0	14.5769	11.652
10/3/2017	0:30:00	0	14.5789	11.757
10/3/2017	0:45:00	0	14.5766	11.699
10/3/2017	1:00:00	0	14.5777	11.504
10/3/2017	1:15:00	0	14.5767	11.37
10/3/2017	1:30:00	0	14.5759	11.403
10/3/2017	1:45:00	0	14.575	11.528
10/3/2017	2:00:00	0	14.5752	11.702
10/3/2017	2:15:00	0	14.5742	11.864
10/3/2017	2:30:00	0	14.5745	11.944
10/3/2017	2:45:00	0	14.5761	11.99
10/3/2017	3:00:00	0	14.5752	11.988
10/3/2017	3:15:00	0	14.5759	11.958
10/3/2017	3:30:00	0	14.5735	11.91
10/3/2017	3:45:00	0	14.573	11.833
10/3/2017	4:00:00	0	14.5749	11.75
10/3/2017	4:15:00	0	14.5733	11.66
10/3/2017	4:30:00	0	14.5732	11.656
10/3/2017	4:45:00	0	14.5727	11.694
10/3/2017	5:00:00	0	14.5732	11.747
10/3/2017	5:15:00	0	14.5747	11.813
10/3/2017	5:30:00	0	14.5761	11.825
10/3/2017	5:45:00	0	14.5757	11.853
10/3/2017	6:00:00	0	14.5764	11.755
10/3/2017	6:15:00	0	14.5767	11.741
10/3/2017	6:30:00	0	14.5773	11.643
10/3/2017	6:45:00	0	14.5778	11.563
10/3/2017	7:00:00	0	14.5775	11.365
10/3/2017	7:15:00	0	14.5782	11.067
10/3/2017	7:30:00	0	14.5798	10.83
10/3/2017	7:45:00	0	14.5828	10.837
10/3/2017	8:00:00	0	14.5884	11.762
10/3/2017	8:15:00	0	14.5895	12.988
10/3/2017	8:30:00	0	14.5909	14.351
10/3/2017	8:45:00	0	14.5935	15.465
10/3/2017	9:00:00	0	14.5983	16.362
10/3/2017	9:15:00	0	14.5999	16.841
10/3/2017	9:30:00	0	14.6043	17.386
10/3/2017	9:45:00	0	14.6064	18.234
10/3/2017	10:00:00	0	14.6079	19.238
10/3/2017	10:15:00	0	14.6115	20.104
10/3/2017	10:30:00	0	14.613	20.685
10/3/2017	10:45:00	0	14.6138	20.705
10/3/2017	11:00:00	0	14.6135	21.164
10/3/2017	11:15:00	0	14.6135	21.927
10/3/2017	11:30:00	0	14.6175	22.495
10/3/2017	11:45:00	0	14.6175	22.386
10/3/2017	12:00:00	0	14.6183	22.689
10/3/2017	12:15:00	0	14.6162	23.221
10/3/2017	12:30:00	0	14.6177	23.699
10/3/2017	12:45:00	0	14.6181	23.434
10/3/2017	13:00:00	0	14.6169	23.473
10/3/2017	13:15:00	0	14.6194	23.151
10/3/2017	13:30:00	0	14.6201	22.425
10/3/2017	13:45:00	0	14.6238	21.759
10/3/2017	14:00:00	0	14.6258	21.113
10/3/2017	14:15:00	0	14.6275	20.656
10/3/2017	14:30:00	0	14.6293	20.303
10/3/2017	14:45:00	0	14.632	20.053
10/3/2017	15:00:00	0	14.6342	19.922
10/3/2017	15:15:00	0	14.6348	19.778

10/3/2017	15:30:00	0	14.6363	19.272
10/3/2017	15:45:00	0	14.6387	18.041
10/3/2017	16:00:00	0	14.6386	17.136
10/3/2017	16:15:00	0	14.6384	16.397
10/3/2017	16:30:00	0	14.6394	15.991
10/3/2017	16:45:00	0	14.6412	15.776
10/3/2017	17:00:00	0	14.6438	15.574
10/3/2017	17:15:00	0	14.6446	15.347
10/3/2017	17:30:00	0	14.6463	15.154
10/3/2017	17:45:00	0	14.6469	15.03
10/3/2017	18:00:00	0	14.6516	14.889
10/3/2017	18:15:00	0	14.6528	14.776
10/3/2017	18:30:00	0	14.6553	14.568
10/3/2017	18:45:00	0	14.658	14.279
10/3/2017	19:00:00	0	14.6585	13.914
10/3/2017	19:15:00	0	14.6598	13.49
10/3/2017	19:30:00	0	14.661	13.091
10/3/2017	19:45:00	0	14.6627	12.657
10/3/2017	20:00:00	0	14.6629	12.428
10/3/2017	20:15:00	0	14.6662	12.056
10/3/2017	20:30:00	0	14.6689	11.68
10/3/2017	20:45:00	0	14.6719	11.381
10/3/2017	21:00:00	0	14.6724	11.094
10/3/2017	21:15:00	0	14.672	10.759
10/3/2017	21:30:00	0	14.6739	10.468
10/3/2017	21:45:00	0	14.6745	10.178
10/3/2017	22:00:00	0	14.6762	9.984
10/3/2017	22:15:00	0	14.6776	9.922
10/3/2017	22:30:00	0	14.6807	9.688
10/3/2017	22:45:00	0	14.6815	9.471
10/3/2017	23:00:00	0	14.6815	9.32
10/3/2017	23:15:00	0	14.6835	9.29
10/3/2017	23:30:00	0	14.6848	9.228
10/3/2017	23:45:00	0	14.6858	9.108
10/4/2017	0:00:00	0	14.685	8.964
10/4/2017	0:15:00	0	14.6851	8.932
10/4/2017	0:30:00	0	14.6859	8.915
10/4/2017	0:45:00	0	14.686	8.749
10/4/2017	1:00:00	0	14.6874	8.614
10/4/2017	1:15:00	0	14.6885	8.503
10/4/2017	1:30:00	0	14.6891	8.401
10/4/2017	1:45:00	0	14.6914	8.273
10/4/2017	2:00:00	0	14.6929	8.092
10/4/2017	2:15:00	0	14.6945	7.967
10/4/2017	2:30:00	0	14.6975	7.865
10/4/2017	2:45:00	0	14.7005	7.728
10/4/2017	3:00:00	0	14.7019	7.596
10/4/2017	3:15:00	0	14.7033	7.574
10/4/2017	3:30:00	0	14.7021	7.338
10/4/2017	3:45:00	0	14.7009	7.385
10/4/2017	4:00:00	0	14.7012	7.255
10/4/2017	4:15:00	0	14.7028	7.16
10/4/2017	4:30:00	0	14.7036	7.129
10/4/2017	4:45:00	0	14.7063	7.091
10/4/2017	5:00:00	0	14.7063	7.01
10/4/2017	5:15:00	0	14.7072	6.905
10/4/2017	5:30:00	0	14.7096	6.821
10/4/2017	5:45:00	0	14.711	6.844
10/4/2017	6:00:00	0	14.7124	6.752
10/4/2017	6:15:00	0	14.7126	6.759
10/4/2017	6:30:00	0	14.713	6.73
10/4/2017	6:45:00	0	14.7156	6.68
10/4/2017	7:00:00	0	14.7174	6.644
10/4/2017	7:15:00	0	14.7171	6.623
10/4/2017	7:30:00	0	14.7206	6.916
10/4/2017	7:45:00	0	14.725	7.677
10/4/2017	8:00:00	0	14.7257	8.779
10/4/2017	8:15:00	0	14.7272	10.086
10/4/2017	8:30:00	0	14.7296	11.334
10/4/2017	8:45:00	0	14.73	12.528
10/4/2017	9:00:00	0	14.7316	13.742
10/4/2017	9:15:00	0	14.7357	15.141
10/4/2017	9:30:00	0	14.735	16.616
10/4/2017	9:45:00	0	14.7336	18.045
10/4/2017	10:00:00	0	14.7328	19.599
10/4/2017	10:15:00	0	14.7327	20.98
10/4/2017	10:30:00	0	14.733	22.235
10/4/2017	10:45:00	0	14.7322	23.444
10/4/2017	11:00:00	0	14.7306	24.683

10/4/2017	11:15:00	0	14.7285	26.006
10/4/2017	11:30:00	0	14.7267	27.284
10/4/2017	11:45:00	0	14.7238	28.503
10/4/2017	12:00:00	0	14.7215	29.429
10/4/2017	12:15:00	0	14.72	29.365
10/4/2017	12:30:00	0	14.7189	28.829
10/4/2017	12:45:00	0	14.7185	28.276
10/4/2017	13:00:00	0	14.7183	27.471
10/4/2017	13:15:00	0	14.717	26.14
10/4/2017	13:30:00	0	14.7169	24.936
10/4/2017	13:45:00	0	14.7155	24.174
10/4/2017	14:00:00	0	14.7141	23.82
10/4/2017	14:15:00	0	14.7129	23.19
10/4/2017	14:30:00	0	14.7129	22.404
10/4/2017	14:45:00	0	14.7118	21.865
10/4/2017	15:00:00	0	14.7094	21.479
10/4/2017	15:15:00	0	14.7066	21.076
10/4/2017	15:30:00	0	14.7067	20.122
10/4/2017	15:45:00	0	14.7038	18.671
10/4/2017	16:00:00	0	14.7034	17.629
10/4/2017	16:15:00	0	14.7011	16.856
10/4/2017	16:30:00	0	14.6996	16.368
10/4/2017	16:45:00	0	14.6995	16.056
10/4/2017	17:00:00	0	14.6966	15.958
10/4/2017	17:15:00	0	14.6968	15.811
10/4/2017	17:30:00	0	14.6958	15.68
10/4/2017	17:45:00	0	14.6952	15.497
10/4/2017	18:00:00	0	14.6961	15.231
10/4/2017	18:15:00	0	14.6971	14.903
10/4/2017	18:30:00	0	14.6973	14.469
10/4/2017	18:45:00	0	14.6955	14.055
10/4/2017	19:00:00	0	14.6965	13.672
10/4/2017	19:15:00	0	14.6968	13.305
10/4/2017	19:30:00	0	14.6975	13.006
10/4/2017	19:45:00	0	14.6961	12.719
10/4/2017	20:00:00	0	14.6959	12.486
10/4/2017	20:15:00	0	14.6965	12.258
10/4/2017	20:30:00	0	14.697	11.996
10/4/2017	20:45:00	0	14.6966	11.729
10/4/2017	21:00:00	0	14.6955	11.428
10/4/2017	21:15:00	0	14.6953	11.166
10/4/2017	21:30:00	0	14.6971	11.021
10/4/2017	21:45:00	0	14.6993	10.912
10/4/2017	22:00:00	0	14.6996	10.71
10/4/2017	22:15:00	0	14.7006	10.567
10/4/2017	22:30:00	0	14.6988	10.344
10/4/2017	22:45:00	0	14.7015	10.247
10/4/2017	23:00:00	0	14.7017	10.078
10/4/2017	23:15:00	0	14.7006	9.942
10/4/2017	23:30:00	0	14.6991	9.739
10/4/2017	23:45:00	0	14.7004	9.495

Report Date: 10/9/2017 9:48
Report User Name: WMassoll
Report Computer Name: WKST52
Application: WinSitu.exe
Application Version: 5.6.27.1

Log File Properties

File Name MPWSP Barotroll_2017-10-05_19-08-59-078.wsl
Create Date 10/5/2017 19:08

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	3349
Sensors	1
	1399604 Baro-Pressure/Temp

Time Zone: Pacific Daylight Time

Date and Time	Elapsed Time Seconds	Sensor: Baro Pres SN#: 399604 Pressure (mmHg)	Sensor: Baro Pres SN#: 399604 Temperature (C)	
9/28/2017 0:00		2340000	759.774	20.132
9/28/2017 0:15		2340900	759.839	19.969
9/28/2017 0:30		2341800	760.173	19.815
9/28/2017 0:45		2342700	759.888	19.698
9/28/2017 1:00		2343600	759.91	19.557
9/28/2017 1:15		2344500	759.958	19.428
9/28/2017 1:30		2345400	759.779	19.325
9/28/2017 1:45		2346300	759.557	19.224
9/28/2017 2:00		2347200	759.354	19.167
9/28/2017 2:15		2348100	759.663	19.089
9/28/2017 2:30		2349000	759.831	19.019
9/28/2017 2:45		2349900	759.57	18.964
9/28/2017 3:00		2350800	759.869	18.929
9/28/2017 3:15		2351700	759.564	18.877
9/28/2017 3:30		2352600	759.482	18.869
9/28/2017 3:45		2353500	759.403	18.818
9/28/2017 4:00		2354400	759.768	18.734
9/28/2017 4:15		2355300	759.673	18.683
9/28/2017 4:30		2356200	759.805	18.592
9/28/2017 4:45		2357100	759.89	18.516
9/28/2017 5:00		2358000	759.878	18.435
9/28/2017 5:15		2358900	760.087	18.341
9/28/2017 5:30		2359800	759.501	18.229
9/28/2017 5:45		2360700	759.987	18.125
9/28/2017 6:00		2361600	760.007	18.064
9/28/2017 6:15		2362500	760.276	17.944
9/28/2017 6:30		2363400	760.216	17.865
9/28/2017 6:45		2364300	760.295	17.81
9/28/2017 7:00		2365200	759.888	17.77
9/28/2017 7:15		2366100	760.02	17.747
9/28/2017 7:30		2367000	760.252	17.701
9/28/2017 7:45		2367900	760.629	17.739
9/28/2017 8:00		2368800	760.253	17.739
9/28/2017 8:15		2369700	760.391	17.855
9/28/2017 8:30		2370600	760.54	17.994
9/28/2017 8:45		2371500	760.572	18.267
9/28/2017 9:00		2372400	760.365	18.577
9/28/2017 9:15		2373300	760.672	18.883
9/28/2017 9:30		2374200	760.599	19.265
9/28/2017 9:45		2375100	760.392	19.662
9/28/2017 10:00		2376000	760.6	20.023
9/28/2017 10:15		2376900	760.779	20.399
9/28/2017 10:30		2377800	760.636	20.759
9/28/2017 10:45		2378700	760.696	21.011
9/28/2017 11:00		2379600	760.642	21.291
9/28/2017 11:15		2380500	760.542	21.513
9/28/2017 11:30		2381400	760.507	21.748
9/28/2017 11:45		2382300	760.43	22.013
9/28/2017 12:00		2383200	760.473	22.205
9/28/2017 12:15		2384100	760.367	22.429
9/28/2017 12:30		2385000	760.531	22.637
9/28/2017 12:45		2385900	760.144	22.803
9/28/2017 13:00		2386800	760.415	23.021
9/28/2017 13:15		2387700	760.371	23.254
9/28/2017 13:30		2388600	760.229	23.486
9/28/2017 13:45		2389500	760.12	23.691
9/28/2017 14:00		2390400	760.104	23.924
9/28/2017 14:15		2391300	760.063	24.146
9/28/2017 14:30		2392200	759.827	24.388
9/28/2017 14:45		2393100	759.968	24.612
9/28/2017 15:00		2394000	759.893	24.869
9/28/2017 15:15		2394900	760.204	25.068
9/28/2017 15:30		2395800	759.94	25.24
9/28/2017 15:45		2396700	759.832	25.328
9/28/2017 16:00		2397600	759.924	25.362
9/28/2017 16:15		2398500	759.931	25.287
9/28/2017 16:30		2399400	759.972	25.226

9/28/2017 16:45	2400300	760.175	25.099
9/28/2017 17:00	2401200	760.109	24.919
9/28/2017 17:15	2402100	760.032	24.707
9/28/2017 17:30	2403000	759.846	24.494
9/28/2017 17:45	2403900	760.327	24.243
9/28/2017 18:00	2404800	759.992	23.939
9/28/2017 18:15	2405700	759.828	23.567
9/28/2017 18:30	2406600	759.876	23.16
9/28/2017 18:45	2407500	760.167	22.756
9/28/2017 19:00	2408400	760.019	22.511
9/28/2017 19:15	2409300	760.037	22.283
9/28/2017 19:30	2410200	760.169	22.083
9/28/2017 19:45	2411100	760.109	21.889
9/28/2017 20:00	2412000	760.187	21.71
9/28/2017 20:15	2412900	759.933	21.577
9/28/2017 20:30	2413800	760.311	21.395
9/28/2017 20:45	2414700	760.238	21.235
9/28/2017 21:00	2415600	760.579	21.058
9/28/2017 21:15	2416500	760.49	20.893
9/28/2017 21:30	2417400	760.449	20.794
9/28/2017 21:45	2418300	760.593	20.661
9/28/2017 22:00	2419200	760.39	20.564
9/28/2017 22:15	2420100	760.243	20.422
9/28/2017 22:30	2421000	760.528	20.345
9/28/2017 22:45	2421900	760.629	20.265
9/28/2017 23:00	2422800	760.683	20.212
9/28/2017 23:15	2423700	760.728	20.189
9/28/2017 23:30	2424600	760.749	20.125
9/28/2017 23:45	2425500	760.915	20.077
9/29/2017 0:00	2426400	760.873	19.98
9/29/2017 0:15	2427300	760.971	19.894
9/29/2017 0:30	2428200	760.473	19.814
9/29/2017 0:45	2429100	760.614	19.776
9/29/2017 1:00	2430000	761.09	19.704
9/29/2017 1:15	2430900	760.719	19.664
9/29/2017 1:30	2431800	760.916	19.675
9/29/2017 1:45	2432700	760.846	19.673
9/29/2017 2:00	2433600	760.923	19.691
9/29/2017 2:15	2434500	760.768	19.675
9/29/2017 2:30	2435400	760.685	19.686
9/29/2017 2:45	2436300	760.881	19.672
9/29/2017 3:00	2437200	760.667	19.663
9/29/2017 3:15	2438100	760.854	19.644
9/29/2017 3:30	2439000	761.011	19.631
9/29/2017 3:45	2439900	760.861	19.631
9/29/2017 4:00	2440800	760.824	19.604
9/29/2017 4:15	2441700	761.022	19.629
9/29/2017 4:30	2442600	761.073	19.605
9/29/2017 4:45	2443500	760.816	19.613
9/29/2017 5:00	2444400	760.793	19.572
9/29/2017 5:15	2445300	760.982	19.537
9/29/2017 5:30	2446200	760.872	19.53
9/29/2017 5:45	2447100	760.657	19.46
9/29/2017 6:00	2448000	761.006	19.412
9/29/2017 6:15	2448900	761.135	19.356
9/29/2017 6:30	2449800	761.14	19.231
9/29/2017 6:45	2450700	760.913	19.128
9/29/2017 7:00	2451600	761.076	19.071
9/29/2017 7:15	2452500	760.977	19.046
9/29/2017 7:30	2453400	760.694	18.96
9/29/2017 7:45	2454300	761.594	18.969
9/29/2017 8:00	2455200	761.622	18.893
9/29/2017 8:15	2456100	761.796	18.888
9/29/2017 8:30	2457000	761.779	18.872
9/29/2017 8:45	2457900	762.015	18.927
9/29/2017 9:00	2458800	761.69	18.959
9/29/2017 9:15	2459700	761.78	19.097
9/29/2017 9:30	2460600	761.818	19.141
9/29/2017 9:45	2461500	761.718	19.253
9/29/2017 10:00	2462400	761.469	19.401
9/29/2017 10:15	2463300	761.52	19.631
9/29/2017 10:30	2464200	761.241	19.923
9/29/2017 10:45	2465100	761.847	20.241
9/29/2017 11:00	2466000	762.126	20.618
9/29/2017 11:15	2466900	761.802	20.965
9/29/2017 11:30	2467800	761.941	21.189
9/29/2017 11:45	2468700	761.936	21.412
9/29/2017 12:00	2469600	761.981	21.557
9/29/2017 12:15	2470500	762.125	21.67
9/29/2017 12:30	2471400	761.393	21.798
9/29/2017 12:45	2472300	761.499	21.936
9/29/2017 13:00	2473200	761.423	22.051
9/29/2017 13:15	2474100	761.304	22.203
9/29/2017 13:30	2475000	761.713	22.372
9/29/2017 13:45	2475900	761.437	22.57
9/29/2017 14:00	2476800	761.895	22.76
9/29/2017 14:15	2477700	761.881	22.932
9/29/2017 14:30	2478600	761.684	23.19
9/29/2017 14:45	2479500	761.571	23.392
9/29/2017 15:00	2480400	761.446	23.65
9/29/2017 15:15	2481300	761.219	23.859
9/29/2017 15:30	2482200	761.317	24.029
9/29/2017 15:45	2483100	761.145	24.178
9/29/2017 16:00	2484000	761.046	24.199
9/29/2017 16:15	2484900	760.858	24.239
9/29/2017 16:30	2485800	760.755	24.204

9/29/2017 16:45	2486700	761.01	24.128
9/29/2017 17:00	2487600	761.086	23.971
9/29/2017 17:15	2488500	760.594	23.845
9/29/2017 17:30	2489400	760.891	23.726
9/29/2017 17:45	2490300	760.695	23.585
9/29/2017 18:00	2491200	760.58	23.413
9/29/2017 18:15	2492100	760.813	23.241
9/29/2017 18:30	2493000	760.323	22.962
9/29/2017 18:45	2493900	760.898	22.668
9/29/2017 19:00	2494800	760.563	22.453
9/29/2017 19:15	2495700	760.69	22.312
9/29/2017 19:30	2496600	760.747	22.103
9/29/2017 19:45	2497500	760.777	21.927
9/29/2017 20:00	2498400	760.68	21.717
9/29/2017 20:15	2499300	760.976	21.541
9/29/2017 20:30	2500200	760.85	21.336
9/29/2017 20:45	2501100	760.9	21.139
9/29/2017 21:00	2502000	760.872	20.939
9/29/2017 21:15	2502900	761.261	20.816
9/29/2017 21:30	2503800	761.617	20.676
9/29/2017 21:45	2504700	761.359	20.55
9/29/2017 22:00	2505600	761.245	20.435
9/29/2017 22:15	2506500	761.459	20.335
9/29/2017 22:30	2507400	761.441	20.252
9/29/2017 22:45	2508300	761.634	20.171
9/29/2017 23:00	2509200	761.412	20.113
9/29/2017 23:15	2510100	761.062	20.067
9/29/2017 23:30	2511000	761.521	19.984
9/29/2017 23:45	2511900	761.571	19.936
9/30/2017 0:00	2512800	761.503	19.896
9/30/2017 0:15	2513700	761.439	19.875
9/30/2017 0:30	2514600	761.222	19.767
9/30/2017 0:45	2515500	761.451	19.729
9/30/2017 1:00	2516400	761.281	19.686
9/30/2017 1:15	2517300	761.025	19.698
9/30/2017 1:30	2518200	761.555	19.665
9/30/2017 1:45	2519100	761.549	19.683
9/30/2017 2:00	2520000	761.555	19.712
9/30/2017 2:15	2520900	761.557	19.696
9/30/2017 2:30	2521800	761.44	19.74
9/30/2017 2:45	2522700	761.078	19.759
9/30/2017 3:00	2523600	761.318	19.761
9/30/2017 3:15	2524500	761.2	19.722
9/30/2017 3:30	2525400	760.885	19.723
9/30/2017 3:45	2526300	761.159	19.754
9/30/2017 4:00	2527200	761.087	19.723
9/30/2017 4:15	2528100	761.032	19.701
9/30/2017 4:30	2529000	760.702	19.738
9/30/2017 4:45	2529900	760.963	19.726
9/30/2017 5:00	2530800	760.857	19.756
9/30/2017 5:15	2531700	761.076	19.737
9/30/2017 5:30	2532600	760.999	19.733
9/30/2017 5:45	2533500	760.998	19.729
9/30/2017 6:00	2534400	760.768	19.707
9/30/2017 6:15	2535300	761.13	19.709
9/30/2017 6:30	2536200	761.419	19.697
9/30/2017 6:45	2537100	761.507	19.682
9/30/2017 7:00	2538000	761.375	19.683
9/30/2017 7:15	2538900	761.638	19.669
9/30/2017 7:30	2539800	762.016	19.657
9/30/2017 7:45	2540700	761.897	19.622
9/30/2017 8:00	2541600	761.571	19.638
9/30/2017 8:15	2542500	761.715	19.681
9/30/2017 8:30	2543400	762.16	19.701
9/30/2017 8:45	2544300	761.952	19.751
9/30/2017 9:00	2545200	761.917	19.773
9/30/2017 9:15	2546100	761.872	19.856
9/30/2017 9:30	2547000	761.797	20.036
9/30/2017 9:45	2547900	762.061	20.303
9/30/2017 10:00	2548800	762.11	20.627
9/30/2017 10:15	2549700	761.81	20.891
9/30/2017 10:30	2550600	762.077	21.14
9/30/2017 10:45	2551500	762.157	21.316
9/30/2017 11:00	2552400	761.951	21.494
9/30/2017 11:15	2553300	761.728	21.639
9/30/2017 11:30	2554200	761.798	21.808
9/30/2017 11:45	2555100	761.932	22.011
9/30/2017 12:00	2556000	761.857	22.146
9/30/2017 12:15	2556900	761.811	22.313
9/30/2017 12:30	2557800	761.641	22.561
9/30/2017 12:45	2558700	761.724	22.73
9/30/2017 13:00	2559600	761.257	22.944
9/30/2017 13:15	2560500	761.373	23.209
9/30/2017 13:30	2561400	761.141	23.435
9/30/2017 13:45	2562300	761.255	23.64
9/30/2017 14:00	2563200	760.863	23.878
9/30/2017 14:15	2564100	760.774	24.1
9/30/2017 14:30	2565000	760.877	24.338
9/30/2017 14:45	2565900	760.682	24.537
9/30/2017 15:00	2566800	760.537	24.78
9/30/2017 15:15	2567700	760.482	24.962
9/30/2017 15:30	2568600	760.532	25.042
9/30/2017 15:45	2569500	760.662	25.08
9/30/2017 16:00	2570400	760.587	25.036
9/30/2017 16:15	2571300	760.376	24.961
9/30/2017 16:30	2572200	760.213	24.823

9/30/2017 16:45	2573100	759.929	24.683
9/30/2017 17:00	2574000	759.9	24.511
9/30/2017 17:15	2574900	759.772	24.359
9/30/2017 17:30	2575800	759.767	24.174
9/30/2017 17:45	2576700	759.848	23.936
9/30/2017 18:00	2577600	759.406	23.641
9/30/2017 18:15	2578500	759.605	23.3
9/30/2017 18:30	2579400	759.47	22.93
9/30/2017 18:45	2580300	759.596	22.619
9/30/2017 19:00	2581200	759.792	22.399
9/30/2017 19:15	2582100	759.786	22.201
9/30/2017 19:30	2583000	759.934	21.98
9/30/2017 19:45	2583900	759.931	21.765
9/30/2017 20:00	2584800	759.917	21.576
9/30/2017 20:15	2585700	760.231	21.385
9/30/2017 20:30	2586600	760.213	21.211
9/30/2017 20:45	2587500	760.302	21.038
9/30/2017 21:00	2588400	760.387	20.908
9/30/2017 21:15	2589300	760.441	20.758
9/30/2017 21:30	2590200	760.338	20.639
9/30/2017 21:45	2591100	760.423	20.521
9/30/2017 22:00	2592000	760.332	20.428
9/30/2017 22:15	2592900	760.303	20.318
9/30/2017 22:30	2593800	760.355	20.229
9/30/2017 22:45	2594700	760.382	20.126
9/30/2017 23:00	2595600	760.357	20.008
9/30/2017 23:15	2596500	760.307	19.942
9/30/2017 23:30	2597400	760.158	19.861
9/30/2017 23:45	2598300	760.302	19.774
10/1/2017 0:00	2599200	760.216	19.714
10/1/2017 0:15	2600100	760.265	19.61
10/1/2017 0:30	2601000	760.38	19.537
10/1/2017 0:45	2601900	760.009	19.487
10/1/2017 1:00	2602800	760.216	19.382
10/1/2017 1:15	2603700	760.097	19.35
10/1/2017 1:30	2604600	759.852	19.326
10/1/2017 1:45	2605500	759.636	19.217
10/1/2017 2:00	2606400	759.623	19.139
10/1/2017 2:15	2607300	759.786	19.026
10/1/2017 2:30	2608200	759.395	18.966
10/1/2017 2:45	2609100	759.24	18.862
10/1/2017 3:00	2610000	759.449	18.744
10/1/2017 3:15	2610900	759.704	18.679
10/1/2017 3:30	2611800	759.745	18.533
10/1/2017 3:45	2612700	759.601	18.419
10/1/2017 4:00	2613600	759.432	18.27
10/1/2017 4:15	2614500	759.407	18.186
10/1/2017 4:30	2615400	759.266	18.051
10/1/2017 4:45	2616300	759.368	18.018
10/1/2017 5:00	2617200	759.553	17.951
10/1/2017 5:15	2618100	759.932	17.913
10/1/2017 5:30	2619000	760.154	17.902
10/1/2017 5:45	2619900	759.533	17.924
10/1/2017 6:00	2620800	759.943	17.903
10/1/2017 6:15	2621700	759.831	17.986
10/1/2017 6:30	2622600	759.675	18.047
10/1/2017 6:45	2623500	759.98	18.118
10/1/2017 7:00	2624400	760.481	18.191
10/1/2017 7:15	2625300	760.431	18.226
10/1/2017 7:30	2626200	760.19	18.285
10/1/2017 7:45	2627100	760.364	18.369
10/1/2017 8:00	2628000	760.351	18.418
10/1/2017 8:15	2628900	760.539	18.506
10/1/2017 8:30	2629800	760.872	18.582
10/1/2017 8:45	2630700	760.8	18.642
10/1/2017 9:00	2631600	760.371	18.71
10/1/2017 9:15	2632500	760.472	18.843
10/1/2017 9:30	2633400	760.462	18.988
10/1/2017 9:45	2634300	760.59	19.144
10/1/2017 10:00	2635200	760.553	19.345
10/1/2017 10:15	2636100	760.234	19.538
10/1/2017 10:30	2637000	760.35	19.831
10/1/2017 10:45	2637900	760.295	20.163
10/1/2017 11:00	2638800	759.961	20.464
10/1/2017 11:15	2639700	759.736	20.77
10/1/2017 11:30	2640600	759.953	20.996
10/1/2017 11:45	2641500	759.87	21.22
10/1/2017 12:00	2642400	759.93	21.397
10/1/2017 12:15	2643300	759.968	21.557
10/1/2017 12:30	2644200	759.919	21.756
10/1/2017 12:45	2645100	759.813	21.909
10/1/2017 13:00	2646000	759.681	22.1
10/1/2017 13:15	2646900	759.685	22.267
10/1/2017 13:30	2647800	759.206	22.493
10/1/2017 13:45	2648700	759.24	22.668
10/1/2017 14:00	2649600	759.134	22.907
10/1/2017 14:15	2650500	758.814	23.131
10/1/2017 14:30	2651400	758.82	23.371
10/1/2017 14:45	2652300	758.647	23.573
10/1/2017 15:00	2653200	758.466	23.786
10/1/2017 15:15	2654100	757.88	23.98
10/1/2017 15:30	2655000	758.099	24.098
10/1/2017 15:45	2655900	758.057	24.119
10/1/2017 16:00	2656800	757.619	24.065
10/1/2017 16:15	2657700	757.705	23.989
10/1/2017 16:30	2658600	757.692	23.845

10/1/2017 16:45	2659500	757.95	23.691
10/1/2017 17:00	2660400	757.581	23.518
10/1/2017 17:15	2661300	757.422	23.289
10/1/2017 17:30	2662200	757.528	23.069
10/1/2017 17:45	2663100	757.203	22.808
10/1/2017 18:00	2664000	757.336	22.464
10/1/2017 18:15	2664900	757.485	22.222
10/1/2017 18:30	2665800	757.37	22.036
10/1/2017 18:45	2666700	757.301	21.81
10/1/2017 19:00	2667600	757.823	21.598
10/1/2017 19:15	2668500	757.802	21.38
10/1/2017 19:30	2669400	757.889	21.132
10/1/2017 19:45	2670300	757.464	20.908
10/1/2017 20:00	2671200	757.404	20.691
10/1/2017 20:15	2672100	757.719	20.473
10/1/2017 20:30	2673000	757.619	20.291
10/1/2017 20:45	2673900	757.545	20.144
10/1/2017 21:00	2674800	757.674	19.987
10/1/2017 21:15	2675700	757.418	19.839
10/1/2017 21:30	2676600	757.465	19.675
10/1/2017 21:45	2677500	757.621	19.563
10/1/2017 22:00	2678400	757.377	19.439
10/1/2017 22:15	2679300	757.416	19.392
10/1/2017 22:30	2680200	757.562	19.306
10/1/2017 22:45	2681100	757.189	19.198
10/1/2017 23:00	2682000	757.448	19.099
10/1/2017 23:15	2682900	757.064	19.012
10/1/2017 23:30	2683800	757.271	18.909
10/1/2017 23:45	2684700	756.969	18.775
10/2/2017 0:00	2685600	756.961	18.692
10/2/2017 0:15	2686500	757.153	18.605
10/2/2017 0:30	2687400	757.207	18.534
10/2/2017 0:45	2688300	757.555	18.446
10/2/2017 1:00	2689200	756.815	18.315
10/2/2017 1:15	2690100	757.032	18.204
10/2/2017 1:30	2691000	756.953	18.048
10/2/2017 1:45	2691900	757.146	17.891
10/2/2017 2:00	2692800	756.988	17.706
10/2/2017 2:15	2693700	757.183	17.566
10/2/2017 2:30	2694600	757.287	17.45
10/2/2017 2:45	2695500	757.157	17.297
10/2/2017 3:00	2696400	757.032	17.242
10/2/2017 3:15	2697300	757.143	17.084
10/2/2017 3:30	2698200	756.97	17.034
10/2/2017 3:45	2699100	756.888	16.942
10/2/2017 4:00	2700000	756.861	16.807
10/2/2017 4:15	2700900	756.783	16.696
10/2/2017 4:30	2701800	756.79	16.565
10/2/2017 4:45	2702700	757.043	16.455
10/2/2017 5:00	2703600	757.182	16.335
10/2/2017 5:15	2704500	757.411	16.211
10/2/2017 5:30	2705400	757.118	16.146
10/2/2017 5:45	2706300	757.596	16.033
10/2/2017 6:00	2707200	757.137	15.907
10/2/2017 6:15	2708100	757.119	15.843
10/2/2017 6:30	2709000	757.073	15.764
10/2/2017 6:45	2709900	757.19	15.735
10/2/2017 7:00	2710800	757.389	15.682
10/2/2017 7:15	2711700	757.371	15.697
10/2/2017 7:30	2712600	757.662	15.706
10/2/2017 7:45	2713500	757.36	15.67
10/2/2017 8:00	2714400	757.52	15.688
10/2/2017 8:15	2715300	757.76	15.724
10/2/2017 8:30	2716200	757.901	15.856
10/2/2017 8:45	2717100	757.991	16.126
10/2/2017 9:00	2718000	758.4	16.449
10/2/2017 9:15	2718900	758.021	16.897
10/2/2017 9:30	2719800	758.131	17.338
10/2/2017 9:45	2720700	758.178	17.776
10/2/2017 10:00	2721600	758.083	18.259
10/2/2017 10:15	2722500	758.186	18.684
10/2/2017 10:30	2723400	758.114	19.087
10/2/2017 10:45	2724300	758.084	19.432
10/2/2017 11:00	2725200	757.977	19.767
10/2/2017 11:15	2726100	758.364	20.08
10/2/2017 11:30	2727000	758.377	20.34
10/2/2017 11:45	2727900	758.227	20.562
10/2/2017 12:00	2728800	758	20.761
10/2/2017 12:15	2729700	758.286	20.966
10/2/2017 12:30	2730600	758.235	21.132
10/2/2017 12:45	2731500	758.033	21.334
10/2/2017 13:00	2732400	757.952	21.508
10/2/2017 13:15	2733300	757.628	21.676
10/2/2017 13:30	2734200	757.554	21.829
10/2/2017 13:45	2735100	757.284	21.992
10/2/2017 14:00	2736000	757.505	22.16
10/2/2017 14:15	2736900	757.069	22.345
10/2/2017 14:30	2737800	757.235	22.507
10/2/2017 14:45	2738700	756.948	22.711
10/2/2017 15:00	2739600	757.124	22.874
10/2/2017 15:15	2740500	756.773	23.007
10/2/2017 15:30	2741400	756.636	23.08
10/2/2017 15:45	2742300	756.924	23.042
10/2/2017 16:00	2743200	756.914	22.94
10/2/2017 16:15	2744100	756.865	22.85
10/2/2017 16:30	2745000	756.768	22.726

10/2/2017 16:45	2745900	756.755	22.531
10/2/2017 17:00	2746800	756.38	22.366
10/2/2017 17:15	2747700	756.887	22.119
10/2/2017 17:30	2748600	756.935	21.918
10/2/2017 17:45	2749500	756.746	21.754
10/2/2017 18:00	2750400	756.936	21.585
10/2/2017 18:15	2751300	756.808	21.387
10/2/2017 18:30	2752200	756.667	21.174
10/2/2017 18:45	2753100	756.57	20.987
10/2/2017 19:00	2754000	756.992	20.753
10/2/2017 19:15	2754900	757.126	20.52
10/2/2017 19:30	2755800	756.677	20.291
10/2/2017 19:45	2756700	756.904	20.042
10/2/2017 20:00	2757600	756.748	19.843
10/2/2017 20:15	2758500	756.903	19.652
10/2/2017 20:30	2759400	756.907	19.48
10/2/2017 20:45	2760300	756.885	19.296
10/2/2017 21:00	2761200	756.534	19.14
10/2/2017 21:15	2762100	756.786	19.03
10/2/2017 21:30	2763000	756.758	18.926
10/2/2017 21:45	2763900	756.583	18.832
10/2/2017 22:00	2764800	756.985	18.715
10/2/2017 22:15	2765700	756.785	18.594
10/2/2017 22:30	2766600	756.74	18.47
10/2/2017 22:45	2767500	756.617	18.356
10/2/2017 23:00	2768400	756.488	18.296
10/2/2017 23:15	2769300	756.432	18.217
10/2/2017 23:30	2770200	756.398	18.144
10/2/2017 23:45	2771100	756.266	18.081
10/3/2017 0:00	2772000	755.918	18.05
10/3/2017 0:15	2772900	756.276	18.033
10/3/2017 0:30	2773800	756.054	17.973
10/3/2017 0:45	2774700	756.246	17.981
10/3/2017 1:00	2775600	756.111	18.003
10/3/2017 1:15	2776500	755.846	17.914
10/3/2017 1:30	2777400	755.85	17.863
10/3/2017 1:45	2778300	756.02	17.824
10/3/2017 2:00	2779200	756.039	17.805
10/3/2017 2:15	2780100	756.301	17.781
10/3/2017 2:30	2781000	756.005	17.818
10/3/2017 2:45	2781900	755.885	17.814
10/3/2017 3:00	2782800	756.255	17.848
10/3/2017 3:15	2783700	755.901	17.925
10/3/2017 3:30	2784600	756.391	17.936
10/3/2017 3:45	2785500	756.001	17.986
10/3/2017 4:00	2786400	756.231	18.01
10/3/2017 4:15	2787300	756.11	18.035
10/3/2017 4:30	2788200	756.226	17.999
10/3/2017 4:45	2789100	756.24	17.967
10/3/2017 5:00	2790000	755.824	17.981
10/3/2017 5:15	2790900	756.313	17.966
10/3/2017 5:30	2791800	756.237	17.971
10/3/2017 5:45	2792700	755.999	17.986
10/3/2017 6:00	2793600	756.065	17.997
10/3/2017 6:15	2794500	756.17	17.919
10/3/2017 6:30	2795400	756.447	17.895
10/3/2017 6:45	2796300	755.913	17.873
10/3/2017 7:00	2797200	756.307	17.821
10/3/2017 7:15	2798100	756.409	17.779
10/3/2017 7:30	2799000	756.462	17.705
10/3/2017 7:45	2799900	756.637	17.625
10/3/2017 8:00	2800800	756.91	17.599
10/3/2017 8:15	2801700	757.005	17.586
10/3/2017 8:30	2802600	757.108	17.666
10/3/2017 8:45	2803500	756.932	17.815
10/3/2017 9:00	2804400	757.161	18.028
10/3/2017 9:15	2805300	757.564	18.294
10/3/2017 9:30	2806200	757.715	18.605
10/3/2017 9:45	2807100	757.809	18.944
10/3/2017 10:00	2808000	757.763	19.235
10/3/2017 10:15	2808900	757.805	19.537
10/3/2017 10:30	2809800	758.098	19.827
10/3/2017 10:45	2810700	758.37	20.093
10/3/2017 11:00	2811600	758.194	20.273
10/3/2017 11:15	2812500	757.81	20.459
10/3/2017 11:30	2813400	758.061	20.638
10/3/2017 11:45	2814300	758.304	20.802
10/3/2017 12:00	2815200	757.925	20.926
10/3/2017 12:15	2816100	758.115	21.087
10/3/2017 12:30	2817000	758.301	21.231
10/3/2017 12:45	2817900	758.252	21.378
10/3/2017 13:00	2818800	758.513	21.528
10/3/2017 13:15	2819700	758.325	21.673
10/3/2017 13:30	2820600	758.636	21.843
10/3/2017 13:45	2821500	758.75	22.01
10/3/2017 14:00	2822400	758.849	22.165
10/3/2017 14:15	2823300	758.661	22.362
10/3/2017 14:30	2824200	759.077	22.556
10/3/2017 14:45	2825100	759.007	22.74
10/3/2017 15:00	2826000	759.095	22.952
10/3/2017 15:15	2826900	759.066	23.131
10/3/2017 15:30	2827800	759.696	23.221
10/3/2017 15:45	2828700	758.91	23.228
10/3/2017 16:00	2829600	759.456	23.231
10/3/2017 16:15	2830500	759.137	23.163
10/3/2017 16:30	2831400	759.337	23.079

10/3/2017 16:45	2832300	759.433	22.934
10/3/2017 17:00	2833200	759.808	22.788
10/3/2017 17:15	2834100	759.672	22.599
10/3/2017 17:30	2835000	759.447	22.398
10/3/2017 17:45	2835900	759.476	22.203
10/3/2017 18:00	2836800	759.999	21.964
10/3/2017 18:15	2837700	760.173	21.767
10/3/2017 18:30	2838600	760.088	21.592
10/3/2017 18:45	2839500	760.266	21.405
10/3/2017 19:00	2840400	760.164	21.238
10/3/2017 19:15	2841300	760.376	21.025
10/3/2017 19:30	2842200	760.509	20.849
10/3/2017 19:45	2843100	760.533	20.63
10/3/2017 20:00	2844000	760.959	20.368
10/3/2017 20:15	2844900	760.558	20.139
10/3/2017 20:30	2845800	761.098	19.908
10/3/2017 20:45	2846700	760.956	19.681
10/3/2017 21:00	2847600	761.127	19.498
10/3/2017 21:15	2848500	761.187	19.283
10/3/2017 21:30	2849400	761.194	19.087
10/3/2017 21:45	2850300	761.307	18.94
10/3/2017 22:00	2851200	761.332	18.784
10/3/2017 22:15	2852100	761.472	18.643
10/3/2017 22:30	2853000	761.793	18.455
10/3/2017 22:45	2853900	761.357	18.309
10/3/2017 23:00	2854800	761.623	18.133
10/3/2017 23:15	2855700	761.645	18.022
10/3/2017 23:30	2856600	761.854	17.849
10/3/2017 23:45	2857500	761.993	17.715
10/4/2017 0:00	2858400	761.907	17.584
10/4/2017 0:15	2859300	762.031	17.484
10/4/2017 0:30	2860200	761.75	17.381
10/4/2017 0:45	2861100	762.251	17.302
10/4/2017 1:00	2862000	761.837	17.19
10/4/2017 1:15	2862900	762.046	17.071
10/4/2017 1:30	2863800	762.109	16.945
10/4/2017 1:45	2864700	762.482	16.843
10/4/2017 2:00	2865600	762.188	16.775
10/4/2017 2:15	2866500	762.279	16.649
10/4/2017 2:30	2867400	762.219	16.583
10/4/2017 2:45	2868300	762.401	16.516
10/4/2017 3:00	2869200	762.639	16.448
10/4/2017 3:15	2870100	762.829	16.384
10/4/2017 3:30	2871000	762.821	16.27
10/4/2017 3:45	2871900	762.505	16.202
10/4/2017 4:00	2872800	762.484	16.067
10/4/2017 4:15	2873700	762.865	15.982
10/4/2017 4:30	2874600	762.521	15.915
10/4/2017 4:45	2875500	763.029	15.878
10/4/2017 5:00	2876400	762.948	15.835
10/4/2017 5:15	2877300	763.173	15.807
10/4/2017 5:30	2878200	763.019	15.775
10/4/2017 5:45	2879100	763.109	15.675
10/4/2017 6:00	2880000	763.263	15.624
10/4/2017 6:15	2880900	763.486	15.57
10/4/2017 6:30	2881800	763.452	15.52
10/4/2017 6:45	2882700	763.52	15.467
10/4/2017 7:00	2883600	763.41	15.421
10/4/2017 7:15	2884500	764.001	15.381
10/4/2017 7:30	2885400	763.86	15.375
10/4/2017 7:45	2886300	763.825	15.298
10/4/2017 8:00	2887200	763.706	15.324
10/4/2017 8:15	2888100	764.308	15.391
10/4/2017 8:30	2889000	764.027	15.531
10/4/2017 8:45	2889900	763.815	15.774
10/4/2017 9:00	2890800	764.011	16.043
10/4/2017 9:15	2891700	764.325	16.31
10/4/2017 9:30	2892600	764.265	16.59
10/4/2017 9:45	2893500	764.399	16.969
10/4/2017 10:00	2894400	764.317	17.313
10/4/2017 10:15	2895300	764.382	17.723
10/4/2017 10:30	2896200	763.868	18.129
10/4/2017 10:45	2897100	764.138	18.484
10/4/2017 11:00	2898000	764.14	18.822
10/4/2017 11:15	2898900	764.08	19.171
10/4/2017 11:30	2899800	764.075	19.472
10/4/2017 11:45	2900700	764.044	19.754
10/4/2017 12:00	2901600	764.024	20.038
10/4/2017 12:15	2902500	763.863	20.295
10/4/2017 12:30	2903400	763.719	20.51
10/4/2017 12:45	2904300	763.839	20.709
10/4/2017 13:00	2905200	763.571	20.908
10/4/2017 13:15	2906100	763.333	21.09
10/4/2017 13:30	2907000	763.698	21.287
10/4/2017 13:45	2907900	763.538	21.461
10/4/2017 14:00	2908800	763.135	21.632
10/4/2017 14:15	2909700	763.336	21.817
10/4/2017 14:30	2910600	763.226	21.962
10/4/2017 14:45	2911500	763.265	22.144
10/4/2017 15:00	2912400	763.212	22.35
10/4/2017 15:15	2913300	763.013	22.486
10/4/2017 15:30	2914200	762.723	22.586
10/4/2017 15:45	2915100	762.739	22.591
10/4/2017 16:00	2916000	762.677	22.528
10/4/2017 16:15	2916900	762.424	22.458
10/4/2017 16:30	2917800	762.316	22.361

10/4/2017 16:45	2918700	762.444	22.236
10/4/2017 17:00	2919600	762.328	22.113
10/4/2017 17:15	2920500	762.27	21.978
10/4/2017 17:30	2921400	762.269	21.83
10/4/2017 17:45	2922300	762.264	21.693
10/4/2017 18:00	2923200	762.29	21.518
10/4/2017 18:15	2924100	762.31	21.405
10/4/2017 18:30	2925000	762.281	21.274
10/4/2017 18:45	2925900	762.381	21.081
10/4/2017 19:00	2926800	762.518	20.914
10/4/2017 19:15	2927700	762.268	20.679
10/4/2017 19:30	2928600	762.657	20.422
10/4/2017 19:45	2929500	762.677	20.197
10/4/2017 20:00	2930400	762.28	19.946
10/4/2017 20:15	2931300	762.394	19.73
10/4/2017 20:30	2932200	762.628	19.519
10/4/2017 20:45	2933100	762.312	19.353
10/4/2017 21:00	2934000	762.487	19.19
10/4/2017 21:15	2934900	762.181	19.003
10/4/2017 21:30	2935800	762.659	18.833
10/4/2017 21:45	2936700	762.631	18.688
10/4/2017 22:00	2937600	762.546	18.589
10/4/2017 22:15	2938500	762.262	18.443
10/4/2017 22:30	2939400	762.573	18.365
10/4/2017 22:45	2940300	762.766	18.256
10/4/2017 23:00	2941200	762.445	18.193
10/4/2017 23:15	2942100	762.771	18.089
10/4/2017 23:30	2943000	762.63	18.025
10/4/2017 23:45	2943900	762.822	17.921

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